Б Ъ Л Г А Р С К А А К А Д Е М И Я Н А Н А У К И Т Е

ИНСТИТУТ ПО МИКРОБИОЛОГИЯ

“СТЕФАН АНГЕЛОВ”

ДИРЕКТОР:

/ чл.-кор. двмн Христо Найденски /

О Т Ч Е Т

за работата на

Института по микробиология

“Стефан Ангелов” - БАН

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Част I

(Годишен отчет и приложения)

С Ъ Д Ъ Р Ж А Н И Е

1. ПРОБЛЕМАТИКА НА ЗВЕНАТА

1.1. Преглед на изпълнението на целите /стратегически и оперативни/, оценка и анализ на постигнатите резултати и на перспективите на ИМикБ в съответствие с неговата мисия и приоритети, съобразени с утвърдените през 2014 г. научни тематики

Прегледът на изпълнението на основните цели е базиран на анализа и оценката на провежданата научноизследователска и преподавателска дейности в ИМикБ, залегнали в мисията му и съответстващи пряко както на националните и европейските приоритети, така и на научната политика на БАН и напълно вписващи се в концепциите за устойчиво развитие на нашето общество. През отчетния период се разработваха конкретни задачи, съобразени с утвърдените за Института научни тематики, включващи фундаментални и приложни изследвания в областта на микробиологията и биотехнологията.

Бяха постигнати конкретни научни и научно-приложни резултати при: изучаване на молекулната епидемиология и патогенеза на актуални инфекциозни заболявания; разработване на антивирусни и антимикробни етиотропни средства (химиотерапевтици, имуномодулатори, ваксинални препарати и др.); проучване природата и репликацията на вируси, причинители на инфекциозни заболявания, туморогенни и онколитични вируси; изследвания в областта на имунопатологията и автоимунитета (патогенеза на сепсиса, подходи за лечение на автоимунните заболявания); изучаване генетиката, биохимията и ултраструктурата на микроорганизмите; проучвания в областта на млечно-киселите бактерии и приложението им в хранителната промишленост и медицината; проучвания в областта на микробния и растително-клетъчен биосинтез за получаване на биологично активни вещества с приложение във медицината, хранително вкусовата и фармацевтичната промишленост; проучвания в областта на микробната екология и биотехнологиите за получаване на алтернативни биогорива; обучение по четири специалности на докторанти и млади специалисти с оглед повишаване на тяхната квалификация; активно сътрудничество с висшите учебни заведения в подготовка и ръководство на магистри; подбор и подготовка на кадри по микробиология; разработване на проекти по различни програми; подготовка на млади учени от региона на Югоизточна Европа чрез международното звено на ИМикБ Лабораторен център „Пастьор”.

С изпълнението на тези дейности през годината, ИМикБ ясно представи своята визия за конкурентноспособно научно развитие във всички области на микробиологичната наука с амбицията да осигури оптимални условия за професионална, творческа и социална реализация на своите учени. Това обаче, не бе напълно приложимо, тъй като възникването и изпълнението на конкурентоспособни научни идеи се затрудняваше от оскъдния финансов ресурс за наука в България, липсата на секторни програми за научни изследвания (напр. в областта на здравеопазването, земеделието или околната среда, с чиито проблеми ИМикБ е тясно свързан) и винаги е бил полезен и има изследователски ресурси да направи повече. Творческите възможности на учените от ИМикБ не можаха да се разгърнат подобаващо, тъй като от дълго време е нарушен баланса в мотивировката за работа както на младите, така и на утвърдените учени и специалисти.

Оценката от цялостната дейност на ИМикБ за 2015 г. е положителна, независимо и въпреки трудностите пред учените и административното ръководство /липса на повече фондове за финансиране на проекти и ниско заплащане на труда, скъпа поддръжка на сградния фонд и режийни разходи, покривани със собствени средства, невъзможност за своевременно снабдяване с химикали и консумативи заради тео провеждане на търгове по ЗОП. Въпреки трудностите, това положително заключение се основава на анализа на наукометричните данни, отразяващи получените научни и приложни резултати, постигнати в ИМикБ, а именно: i) много добра публикационна активност (159 бр.), запазваща тенденциите на предходните години; ii) традиционно висок импакт фактор (156,3); iii) видимост на научните постижения на учените от Института в международното научно пространство (1386 цитирания); iv) активна работа по проекти (67) с активизиране на успешно партньорство със стопански субекти; v) значително подобрена активност по отношение на подготовката на специалисти; vi) разширена учебна дейност (691 часа лекции, 1199 часа упражнения, 1928 часа следдипломна квалификация и 112 часа работа със специализанти и пр.); vii) поддържане на иновационната дейност/патенти и

полезни модели/ и др. Добрите резултати се отразяват и в големия брой получени награди (8) от учени от Института.

На 14-и март 2015 г. беше отбелязана 68-та годишнина от създаването на Института по микробиология „Стафан Ангелов" и 10 години от асоциирането му с Институт Пастьор, Париж и включването му в Международната мрежа на Институтите Пастьор с юбилейна научна сесия. Програмата на сесията включваше както доклади, така и постерна сесия по актуалните за Института научни тематики.

През последната година активна беше и дейността на 4-те Национални семинара, съществуващи в ИМикБ. Те се утвърдиха като място не само за представяне на резултати от научни изследвания на докторанти и млади учени, но и като средище за обмяна на идеи, запознаване с партньори от други научни институции по различни проекти, както и изнасяне на лекции от български и чуждестранни учени, водещи специалисти по редица важни и актуални въпроси от микробиологичната наука.

1.2. Изпълнение на Националната стратегия за развитие на научните изследвания 2020. Извършвани дейности и постигнати резултати по конкретните приоритети.

Националната стратегия за развитие на научни изследвания 2020 /НСНИ 2020/ трябва да подпомогне превръщането на българската наука във фактор за развитието на икономика, базирана на знанието и иновационните дейности с целева група българското общество.

В изпълнение на тази стратегия, научноизследователската дейност в ИМикБ се актуализира и формулира в съответствие с приоритетните области на Националната програма за развитие на България 2020 /НПР БГ2020/ и Рамковата програма „Хоризонт 2020" на ЕС /РПЕСХ2020/. Извършваните дейности се включват в 4 от 6-те общи приоритетни направления, залегнали в НСНИ, а именно: биотехнологии, храните и здравето на човека; енергийни източници и енергоспестяващи технологии; справяне и контрол на вредните и опасни битови и промишлени отпадъци;.

Научноизследователският план на ИМикБ включваше конкретни **задачи** за изпълнение, съобразени с утвърдените тематики през отчетния период. Постигнатите резултати са израз на провеждането на стойностни и на високо научно ниво фундаментални и приложни изследвания по най-актуалните, бързо развиващи се и перспективни направления на съвременната микробиологична наука: обща и приложна микробиология, инфекциозна микробиология, вирусология, имунология. Тези изследователски направления определят ИМикБ като водещ научен институт и признат национален изследователски център, специализиран в областта на микробиологичните науки, с водещо място в Балканския регион и член на Международната мрежа на Пастьоровите институти (RIIP) и съответстват както на националните и европейските приоритети, така и на научната политика на БАН, а именно:

Политика 1: Науката – основна двигателна сила за развитие на националната икономика и общество, базирани на знания (Програма 1.3.: Конкурентноспособност на българската икономика и на научния иновационен капацитет; Програма 1.6: Качествено и конкурентноспособно обучение).

Политика 2: Научен потенциал и изследователска инфраструктура – част от Европейското изследователско пространство (Програма 2.1: Технологично развитие и иновации; Програма 2.3: Качество на живота и интердисциплинарни изследвания на човека и живата природа, Програма 2.6: Енергийни източници и енергийна ефективност).

Разработките в областта на приложната микробиология и биотехнологии попадат в обхвата на **приоритетно направление 3 („индустрия за здравословен живот и биотехнологии"** и по-конкретно в приоритет „био-технологии с пряко приложение за здравословен начин на живот") от **Иновационната стратегия за интелигентна специализация на Република България 2014-2020:**

1.3. Полза/ефект за обществото от извършваните дейности

Анализът на постигнатите резултати по конкретните приоритети и произтичащата от този анализ обоснована положителна оценка показва, че през 2015 г. усилията на колектива на ИМикБ са били мобилизирани върху изпълнението на значими теми и задачи в развиваните изследователски направления с определена практическа насоченост и икономическа целесъобразност. Извършваните дейности напълно се вписват в концепциите за устойчиво

развитие на българското общество, тъй като то е целевата група, към която са насочени дейностите на института. Потенциалната полза за това общество е свързана с разрешаването на проблеми в екологията, биоразнообразието, здравеопазването, хранително-вкусовата и фармацевтичната индустрия, биотехнологиите, в това число алтернативните енергийни източници.

В областта на общата микробиология получените резултати могат да намерят приложение за функционално характеризиране на пробиотични свойства и технологични характеристики на млечно-кисели бактерии от български млека и сирена; екология и опазване на околната среда, чрез изследване на микроорганизми, способни да възстановяват замърсени с токсични вещества почви и води. Проучванията на микробното разнообразие в Антарктида и други райони с екстремни климатични условия има за цел разкриване на нови полезни микроорганизми и биопродукти.

В областта на вирусологията приносите са свързвани с: откриване и разработване на нови антивирусни средства (химиотерапевтици и модификатори на биологичния отговор), перспективни за фармацевтичната индустрия и клиничната практика; разработване на оригинален подход на модел *in vivo* за лечение на ентеровирусните инфекции, възпиращ развитието на лекарствена резистентност, чрез последователно въвеждане на оригинална тройна комбинация от инхибитори на ентеровирусната репликация; охарактеризиране на ефективността при експериментална инфекция с грипен вирус А на комбинацията от химиотерапевтици и антиоксиданти с препоръка тази комбинация да се използва в медицинската практика при лечението на грипа; диагностика на папиломавирусни инфекции, причинители на злокачествени заболявания в гинекологичната практика и др.

В областта на имунологията се извършва системен анализ при използване на пептидни микроарей за определяне на ИгМ реактивностите в серума на пациенти с глиобластома и първични злокачествени и метастатични тумори на мозъка. Резултатите описват ново явление – предизвикана полиреактивност на антитела от клас ИгЕ и дават ценна диагностична и прогностична информация. Изследва се профилактичното и лечебно действие на модифицирани имуноглобулинови препарати в експериментални модели на синдром на системен възпалителен отговор (SIRS) и сепсис, като са установени механизмите, отговорни за наблюдавания благоприятен ефект. Изследва се влиянието на киназни инхибитори върху процесите на остеокластогенеза в модел на ревматоиден артрит. Изучават се нови генетични химерни конструкти, включващи пептидни епитопи, прицелни за автоантителата при автоимунен диабет и се изследва терапевтичния им потенциал при грипни инфекции. Разработват се хуманизирани модели на алергични състояния.

Получените резултати **в областта на инфекциозната микробиология** имат висока научна стойност, конкретни и значими социално-икономически измерения. Разработени са съвременни и бързи методи за диагностициране на туберкулоза при хора и животни, причинена от лекарствено резистентни щамове *Micobacterium tuberculosis* и *Micobacterium avium subs. paratuberculosis* при преживни домашни и диви животни, за бързо доказване на хранителни патогени в мляко, месо и техните продукти, за определяне ролята на мигриращите птици като източници на инфекция за хора, животни, както и за околната среда /вода, почва и др/, анализ на нови противотуберкулозни средства и други химиотерапевтици със синтетичен или природен произход, включително и такива с фотодинамичен ефект за борба с инфекциозни заболявания. Ползата от разработките в областта на инфектологията и микробиологията е пряко свързана със здравеопазването на хората, стопанските и диви животни, микробиологичния контрол и безопасността на храните, и фармацевтичната индустрия.

Разработките в областта на приложната микробиология и биотехнологии са принос към: 1) Проучане разнообразието на халофилни микроорганизми в български солници чрез молекулярно биологични и класически микробиологични (култивационни) методи. Изолирани са щамове, продуценти на екзополизахариди. 2) Създаване на платформи за метаболомни анализи, на база ядрено-магнитен резонанс и газова хроматография с мас-спектрометрия, на растения, техни *in vitro* култури и хранителни системи; получаване на биологично активни вещества с потенциал за медицинско приложение (алкалоиди, иридоидни гликозиди, флавоноиди) и приложение в хранително вкусовата и козметичната промишлености (антиоксиданти,

антимикробни препарати и дрождеви екзополизахариди); детайлизиране на биологичната активност на известни структури, както и откриване на нови структури с потенциал за стопанско приложение. 3) Създаване на стартери за нови ферментирали млечни продукти с повишени хранителни и здравни характеристики, като изолирането на пробиотични щамове от растения е важно във връзка култивирането им в безлактозна среда. 4) Разработване на варианти на технологии за микробиален синтез на аминокиселини (лизин, валин, лейцин), в зависимост от източниците на суровина. 5) Установяване на най-ефективния метод за предварителна обработка на пшенична слама (биологичен - с представители на отдел *Basidiomycota*) за увеличаване на добивите на метан при анаеробна биодеградация и са разработени нови математически модели – предпоставка за увеличаване на добиви от биометан. 6) Създаване на уникална технологична схема за очистване на CO_2 от биогаз на база използването на мироводорасли във високоефективни фотобиореактори; създадени са високоефективни фотобиореактори за утилизиране на CO_2 от отпадни индустриални газове; разработени са комплексни модели описващи функционирането на схемата за утилизиране на CO_2 включваща два фотобиореактора, свързани последователно и резервоар за газ. Разработена е и теоретична основа за моделиране на фотобиореактори на базата на метода на системния анализ. Разработена е схема за култивиране на микроводорасли с цел многоцелевото използване на биомасата им, както за енергетични цели, така също и за продукция на ценни биологично активни вещества.

В областта на **микологията:** 1/ разработва се нов подход за повишаване добива от биогаз чрез пре-третиране на отпадъчни лигно-целулозни суровини. Селектирани са щамове лигнолитични гъби, ефективни продуценти на лаказни и пероксидазни ензими, които се използват в първия етап от получаването на метан. 2/ чрез молекулярно-биологични подходи са получени нови данни за биоразнообразието на микофлората, участваща в биодеградацията на паметници на културата и се предлагат мерки за тяхната реставрация. 3/ доказана е щамовата идентичност на мицети, продуценти на биологично-активни вещества, като заявка от бизнеса.

Базата на Лабораторен център „Пастьор“ е използвана както за научноизследователска дейност, така и за обучение - провеждане на теоретични и практични занятия на студенти по молекулярна биология от Биологическия факултет към Софийския университет и студенти от Нов български университет. Базата е използвана от учени и докторанти от различни департаменти на Института по микробиология: секция „Микология“, секция „Генетика на бактерии и микроорганизми“ към Департамента по „Обща микробиология“, Департамента по „Инфекциозна микробиология“, Департамента по „Вирусология” и др. за провеждане на молекулярно - биологични изследвания за генотипиране на ентеровируси (диви и мутантни щамове), доказване и количествено определяне на патогени (*Y. ent., Y. pstb., E. coli* и др.) в месо, мляко и др. Провеждани са молекулярно биологични изследвания на теренни проби, взети от тракийски гробници от Хасковския регион за видоопределяне на изолираните микроорганизми и гъби. Регулярно са осъществявани административни контакти с Институт Пастьор-Париж от служители на Центъра.

В заключение може да се каже, че голяма част от научноизследователската, научноприложната, преподавателската и експертната дейност е в пряка полза на обществото.

1.4. Взаимоотношения с институции

През 2015 г продължиха дългогодишните успешни партньорства на ИМикБ с различни научни институции, университети, министерства, ведомства, фирми и др. Тези взаимоотношения се изразяваха в: сътрудничество в научноизследователската работа чрез разработване на съвместни проекти; преподавателска дейност във висши училища и други институции, включваща лекции, упражнения, курсове на различни специалисти, следдипломни квалификации и специализации на специалисти от други национални и чужди учебни заведения. Трябва да се отбележи също, че има огромен интерес от специалисти от чуждестранни университети за повишане на квалификацията им, но за съжаление нещата опират до финансови средства. Налице е задълбочаване на колаборацията с водещи университети в страната за съвместна подготовка на магистри, предлагане на 4 докторски програми с висока акредитационна оценка от Националната агенция за оценяване и акредитация за повишаване квалификацията на специалисти от различни фирми, научни институции и др., обучение по програма на ЕСФ „ Развитие на човешките

ресурси" и МОН „Студентски практики" и др., съдействие на различни държавни управленски структури чрез експертна дейност.

Списъкът на институциите, с които си партнира ИМикБ е устойчив през последните години и включва:

Медицински университет-София, Катедра по медицинска генетика, Национален геномен център; Стоматологичен факултет; Медицински университет-Варна; Болнични заведения - болница Токуда, Майчин Дом, Военномедицинска академия; Национален онкологичен център, Болница „Царица Йоанна/ИСУЛ", Александровска болница, Очна клиника „Зрение"; Национален център по заразни и паразитни болести; Национален диагностичен научноизследователски ветеринарномедицински институт; Българска агенция за безопасност на храните (БАБХ), Министерство на земеделието и храните, Институт по зърнени храни и фуражна промишленост, Селскостопанска академия, Институт по рибарство и аквакултури, Агробиоинститут, Българска национална академия по медицина, Ветеринарномедицински факултет и Аграрен факултет към Тракийския университет – Стара Загора; Софийски университет „Св. Климент Охридски" - Биологически факултет, Факултет по химия и фармация, Физически факултет, НИС към СУ, Югозападен университет-Благоевград, Пловдивски университет „Паисий Хилендарски", Университет по хранителни технологии-Пловдив, Аграрен университет-Пловдив, Химикотехнологичен и металургичен университет-София, Технически университет-София, Минно-геоложки университет „Св. Иван Рилски, Нов български университет, Университет „Асен Златаров"-Бургас, Шуменски университет „Черноризец Храбър", Медицински колеж „Й. Филаретова", Център по растителна системна биология и биотехнологии, различни фирми- „Биовет", Пещера, „Валенза Биотек"ЕООД, Майкъл Кирил ООД, Инова БМ-ООД, Неофарм ЕООД и други звена. Ползотворни са връзките на Института и с други звена от БАН: Институт по органична химия с Център по фитохимия, Институт по биология и имунология на размножаването „Акад. Кирил Братанов", Институт по молекулярна биология „Акад. Румен Цанев", Институт по невробиология, Институт по инженерна химия, Институт по полимери, Институт по физика на твърдото тяло „Акад. Георги Наджаков", Институт по биофизика и биомедицинско инженерство, Институт по биоразнообразие и екосистемни изследвания, Институт по експериментална морфология, патология и антропология с музей, Институт по системно инженерство и роботика, Институт по математика и информатика, Институт за космически изследвания и технологии и др.

1.5. Общонационални и оперативни дейности, обслужващи държавата

1.5.1. Практически дейности, свързани с работата на национални правителствени и държавни институции, индустрията, енергетиката, околната среда, селското стопанство, национални културни институции и др. /относими към получаваната субсидия/

По смисъла на горната точка ИМикБ не получава субсидия за практически дейности. Независимо от това обаче, висококвалифицирани специалисти от ИМикБ участват като експерти към следните министерства и ведомства:

Европейски съюз - Комисия „Предизвикателства пред Европейската биоикономика: продоволствена сигурност, устойчиво земеделие и горско стопанство, мореплавателски, морски и вътрешноводни изследвания" - участие на експерт като представител на България в програмния комитет на програма за научни изследвания и иновации на Европейския съюз "Хоризонт 2020".

Европейски орган по безопасността на храните (EFSA) – участие на експерт като представител на България в Експертна група по микробиологична оценка на риска при този орган.

Министерство на здравеопазването – участие в Експертния съвет по епидемиологичен надзор на заразните болести, имуно - профилактиката и противоепидемичния контрол, в Експертния съвет по борба с вътреболничните инфекции, в Националния съвет за контрол върху безопасното лабораторно съхранение на дивите полиовируси.

Министерство на образованието и науката – участие с експерти в експертни групи за акредитация на ВУЗ-ове в Националната агенция за оценка и акредитация, готовност за участие с експерти към комисиите на Фонда за научни изследвания, изготвяне на рецензии върху проекти към Фонда, участие в журита с рецензии и становища към различни висши учебни заведения и др.

Министерство на екологията и природните ресурси – експертно участие в Консултативната комисия по генно модифицирани организми.

Министерството на земеделието и храните – участие в Националната комисия по етика при работа с животните към БАБХ, членство в Консултативния съвет към Директора на Центъра за оценка на риска при БАБХ.

Министерство на икономиката - участие на технически експерт към Изпълнителна агенция „Малки и средни предприятия" и Изпълнителна агенция към Българска служба по акредитация.

Неправителствени организации - участие в Ръководството на СУБ, секция „Микробиология", Борда на Балканското дружество по микробиология, Управителните съвети на Националното дружество по екологично инженерство и опазване на околната среса /НДЕИООС/ и Съюз по автоматика и информатика /САИ/.

Участие на учени от Института има и в редица национални и европейски научни организации и дружества, различни международни комисии, фондации, редакционни колегии и др.

1.5.2. Проекти, свързани с общонационални и оперативни дейности, обслужващи държавата и обществото, финансирани от държавни институции, програми, националната индустрия и др.

През 2015 г. стартира първият етап от проекта PlantaSYST H 2020 Widespread 2014-1 Teaming за изграждане на Център за растителна наука в Пловдив, с консорциум, обединяващ 3 български института (Институт по молекулярна биология и биотехнологии - Пловдив, Институт по зеленчукови култури „Марица" и Института по микробиология - Лаборатория по приложна биотехнология-Пловдив) и 2 германски института (Университет - Потсдам и Институт по молекулярна растителна физиология „Макс Планк"- Потсдам).

Подадени са два проекта по програмата Хоризонт 2020:

- H2020 – MSCA – IF - 2015, „Application of molecular techniques in development of intelligent strategy for bioactive phytochemicals production by in vitro plant cell culture technology", INVISALPROF, MSCA-IF-EF-RI, Proposal Number: 704752, Координатор: чл.-кор. Атанас Павлов
- H2020 – TWINN – 2015 - 1, „ Twinning for research excellence in food-borne -infections, food related control and expertise", Координатор: Чл.-кор. Х. Найденски
- NATURAL PRODUCT BIOENGINEERING / COST Action, ЕС, Турция, Австралия, 15 държави, Координатор: доц. д-р М. Георгиев
- VALEUBIOPROD / BBI-IA-DEMO H2020, България, Румъния и Унгария; 3 държави, Координатор: доц. д-р М. Георгиев

2. РЕЗУЛТАТИ ОТ НАУЧНАТА ДЕЙНОСТ ПРЕЗ 2015 Г.

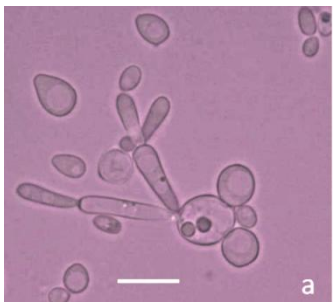
Научноизследователската дейност е насочена към непрекъснато усъвършенстване и разкриване на нови възможности за модернизация на научните изследвания в съответствие с набелязаните тематики и съответните приоритетни области, с цел постигане на по-добри резултати. Максимално са използвани ограничените и лимитирани финансови ресурси от спечелените проекти през предишни години, като голям проблем продължава да бъде замразеното финансиране на много проекти за 2 етап (вече 2 поредни години). За спечелените през 2014 г. проекти повече от година след превеждането на парите от страна на Фонда за научни изследвания, обществената поръчка за закупуване на химикали се забавя. Независимо от това, и благодарение на безкористната помощ и сътрудничество с партньорски институции, ИМикБ предлага следните научни постижения, значими за науката и обществото и произтичащи от научноизследователски и научноприложни разработки. Тези постижения са предложени след обсъждане в съответните Семинари, функциониращи в ИМикБ.

2.1. Научно постижение

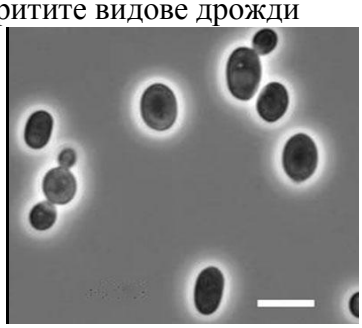
За първи път в България са идентифицирани с ДНК баркод анализ и описани и описани нов род дрожди *Nematodospora* и два нови дрождеви вида *Nematodospora valgi* и *Candida cetonia*, изолирани от насекоми. Въз основа на получените резултати се потвърждава, че насекомите са сред основните преносители на патогенни дрожди в природата и са благоприятна среда за възникване и еволюция на тяхната патогенност. Резултатите показват съществуването на биогеографски отношения между филогенетиката и произхода на дрожди, асоциирани с насекоми. Освен това е открит и описан за първи път нов вид дрожди *Metschnikowia colchici*, изолиран от растения.

Ръководител: д-р Дилнора Гулямова

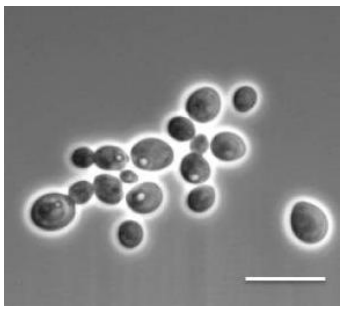
Микроскопски снимки на новооткритите видове дрожди



Nematodospora valgi



Candida cetonia



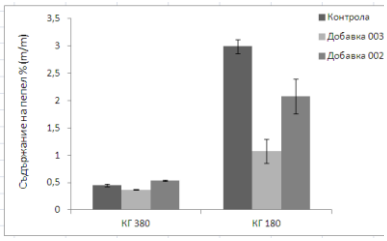
Metschnikowia colchici

2.2. Научно-приложно постижение (полезен модел)

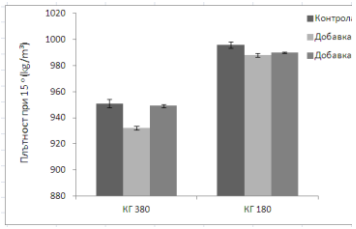
Създадена е каталитична добавка за въглеводородни течни горива (остатъчно корабно, котелно и дизелово). Добавката включва: ароматни и/или алифатни въглеводороди, терпенови въглеводороди, бактериална култура от вида *Nocardia globerula* и катализатор в определени количества. Съгласно подадения полезен модел, тя осигурява висока ефективност на изгаряне при добавянето й към течни горива, предназначени за двигатели и други горивни инсталации. Полученият търговския продукт отговаря на съвременните световни и европейски изисквания за качество и позволява да се постигнат съществени икономии на гориво с големи екологични ползи. Каталитичната добавка ще намери приложение в нефтопреработвателната индустрия.

Ръководител: чл.-кор. Христо Найденски

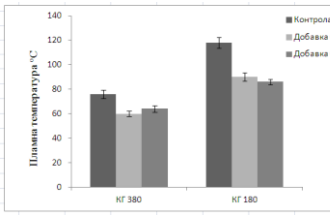
Графично представяне на резултатите от използване на две биокаталитични добавки (002 и 003) върху по-важните показатели



А. Съдържание на пепел



Б. Плътност при 15°С



В. Пламн температура

Легенда: КГ - Корабно остатъчно гориво 1) ISO-F-КГ-380 и 2) ISO-F-КГ-180; Контрола – чисто гориво; Биокаталитична добавка 003 - *Nocardia globerula* - щамове 21505 и 21506 + микс Б+Д; Биокаталитична добавка 002 – *Nocardia globerula* - щамове 21505 и 21506 + микс А+С.

3. МЕЖДУНАРОДНО СЪТРУДНИЧЕСТВО НА ИНСТИТУТА

Политиката на Института е поощряване на всички възможни форми на контакти и сътрудничество с институти, университети, фирми и др. Така учените могат да популяризират както своята научна активност, така и да предложат иновативни решения по различни проблеми. Активното международно сътрудничество осигурява възможности за стипендии на младите учени, техни специализации чрез иницииране на съвместни проекти, финансиращи в крайна сметка дейности важни за функционирането на института. Стремежът за непрекъснато разширяване на международното научно сътрудничество като постоянен приоритет в научноизследователската дейност на Института е добра възможност за успешното интегриране на Института в Европейското научно пространство и повишаване качеството на работа с цел постигане на още по-добри резултати.

През 2015 г. международното сътрудничество се проявява в осезателното присъствие на Института в различни международни мероприятия и инициативи, като равносметката, генерирана от системата SONIX е следната: учени от ИМикБ са участвали в 17 международни форума с 44 автори, които са представили 48 доклада и постери. На 3 научни събития 5-ма учени са представили пленарни доклади, на 7 научни събития 11 доклада са били изнесени от 13 автори, а на 10 научни събития 40 автори от ИМикБ са представили 34 постери. Научните международни събития са проведени в различни страни: Тайланд, Франция, Турция, България, Италия, Косово, Румъния, Холандия, Тюркменистан, Сърбия, Китай, Германия, Великобритания,

Австрия, Черна гора, Гърция, Испания, Чехия. Учени от ИМикБ са участвали и в редица форуми от национален характер, но с международно участие, провеждани в България.

Международното сътрудничество се проявява и с организирани от страна на учени от Института научни форуми с международно участие, а именно:

- Научен симпозиум „Полезните и петогенните микроби за по-здравословен живот и безопасни храни" в София, като тази научна проява се проведе по покана и като част от Европейските инициативи на IV - та Международна конференция в Сан Франциско с ръководители доц. С. Данова и чл.-кор. Х. Найденски
- Международна конференция - 2nd International Conference on Natural Products Utilization, From Plants to Pharmacy Shelf (ICNPU 2015), Plovdiv с придсидотил на ОК доц. М. Георгиев
- Международна конференция „ The Antibody Repertoire as a Biomarker" (ARB) в София с ръководител доц. А. Пашов
- Второ международно училище по имунология (BSIIS2015) в София с ръководител доц. А. Чорбанов

В областта на международното сътрудничество са осъществени 6 командировки по организационни и административни задачи, двама учени са командировани като лектори, трима са командировани на специализации и двама на обучение, а трима се били на курсове. Приемащите страни са били 9 – Франция, Белгия, Италия, Португалия, Гърция, Бразилия, Финландия, Испания и Иран.

Гостували са 21 чуждестранни учени от 11 страни: Франция, Германия, Италия, Унгария, Швейцария, Русия, Норвегия, САЩ, Украйна, Виетнам и Алжир. Посещенията са свързани с проекти по междуинститутски договори, с проекти по договори на ниво БАН /ЕБР/, както и от министерства и университети за сключване на двустранни спогодби.

За стимулиране на международния научен обмен са получени 3 лични стипендии за научен обмен по линия на Международната мрежа на Институтите Пастьор, FEMS и ILVO, както и 3 спонсорства за участие в международни конференции от 3 финансиращи организации - FEMS, ISAR (International Society for Antiviral Research) и Asian-African Society of Mycobacteriology.

ИМикБ участва в работата на 2 международни научни мрежи:

- Международна мрежа на Институтите Пастьор
- Международна мрежа OCUVAC – Center of Ocular Inflammation and Infection (International cooperations from disease-endemic countries)

В научноизследователската дейност, изразена в партньорство в изпълнение на договори по международни програми, ИМикБ участва с договори по Рамковите програми: Хоризонт 2020, Еразмус и краен етап на един договор по 7-ма РП „ПолимодЕ".

Най-значимите международно финансирани проекти на ИМикБ са два проекта по Финансовия механизъм на Европейското икономическо пространство и един по програма Хоризонт 2020:

- Разнообразие и биотехнологичен потенциал на *Archaea* от български горещи извори. Програма BG09 мярка „Проекти за междуинституционално сътрудничество". Ръководител: доц. М. Камбурова, дбн (186 369 лв).
- Анализ на антитяловия репертоар с помощта на рационално подбрани пептидни масиви. Програма BG09 мярка „Проекти за междуинституционално сътрудничество". Ръководител: доц. д-р А. Пашов (166 869 лв).
- PlantaSYST H 2020 Widespread 2014-1 Teaming за изграждане на Център за растителна наука в Пловдив. Ръководител: доц. д-р М. Георгиев (141 040 лв).

3.1. В рамките на договори и спогодби на ниво Академия

Разработвани са 9 проекта по ЕБР съответно като водеща организация с Русия, Украйна, Египет, Унгария, Сърбия и Македония и като съизпълнител – Белгия, Турция и Тайван с общо 28 участници от Института.

3.2. В рамките на договори и спогодби на институтско ниво

Разработваните договори и спогодби на институтско ниво с чуждестранни партньори през 2015 г. са 16 /без тези по ЕБР/: 2 по програма ACIP с Институти от мрежата Пастьор, 1 с фонд Швейцария /IZEBZO/, 1 с DKZ Хайделберг, Германия, 1 с Фондация „Александър фон

Хумболд", 1 с Испанското министерство на икономиката. 3 проекта са финансирани от Европейски програми на МОН, а именно: 1 по програма Наука без граници с Бразилия /CNPq/ и 2 с Норвегия по програма EEA Grant. Три проекта с ФНИ имат съвместно международно сътрудничество с Германия. Финансиран е и проект с МАНУ - Македония. Четири договора са възложени от фирми от чужбина – 2 с фирма „Ресурси, Технологии и Управление", /Германия/, 1 с фирма Агрохолдинг ЗАО „Племзавод", /Русия/ и 1 с фирма Bright Dairy and Foods CO LTD /Китай/.

4. УЧАСТИЕ НА ЗВЕНОТО В ПОДГОТОВКАТА НА СПЕЦИАЛИСТИ

Подготовката на млади специалисти с висока квалификация е важна и неотменима част от мисията на Института. Спектърът на образователните и научни сфери в обучението им е значителен и е свързан с 4-те приоритетни направления, разработвани от научния колектив на ИМикБ. Годишният анализ на тази дейност в ИМикБ показа, че освен голямото многообразие на осъществяваните форми и инициативи, непрекъснато нараства отговорността, значението и задачите на Института като център за обучение на специализанти, бакалаври, магистри и докторанти в присъщите му научни и образователни области.

През 2015 г. беше извършена проверка по процедура за програмна акредитация на 3 докторски програми - „Микробиология", „Вирусология" и „Имунология" от професионално направление 4.3. Биологически науки, област на висше образование 4. Природни науки, математика и информатика. До края на отчетния период беше получено положителното становище на Експертната група и наблюдаващия процедурата за изпълнението на критериалната система за програмните акредитации по микробиология и вирусология. Очаква се доклада на Експертната група и за докторската програма по имунология. В Института има и 4-та докторска програма по направление 4.3. Биологически науки, област Биотехнологии, чийто срок изтича през 2016 г. и също предстои проверка. Обучението на докторанти се провежда в съответствие със ЗВО, ЗРАСРБ, Правилника за прилагане на ЗРАСРБ, Закона за БАН, Устава на БАН, Правилника за условията и реда за придобиване на научни степени и за заемане на академични длъжности в БАН, Правилника за условията и реда за придобиване на научни степени и за заемане на академични длъжности в ИМикБ-БАН, Правилника за обучение на докторанти в ИМикБ-БАН.

За провеждане на обучението на докторанти по тези 4 програми се разчита на компетентността на хабилитираните и нехабилитираните научни кадри, на съществуващите школи в отделните звена, на традициите и наложеното в научната общност добро име на Института, създавано и утвърждавано през дългогодишната му история. В резултат на утвърдената дългогодишна практика за провеждане на обучение на студенти и предоставяне на възможности за изготвяне на дипломни работи за придобиване на магистърски степени, в звената на Института се осъществява подбор на най-заинтересованите и обещаващи младежи за по-нататъшно обучение, независимо от отрицателната тенденция на спад в интереса на млади хора за научна работа. Опитът показва, че подборът от вече обучавани или работили дипломните си работи студенти с интерес към докторантура, помага при обявяване на конкурсите изборът да не е случаен и заявените докторантури да завършват успешно. Общият спад на заинтересованост на завършващите студенти в различните университети с биологическа насоченост към профилиране в науката води и до намаляване на броя на желаещите да се обучават в докторските програми на ИМикБ. Традиционно, в ИМикБ обаче, като Национален изследователски център, специализиран в областта на микробиологичните науки винаги има значителен интерес към магистърските и докторантските програми и това се вижда от броя на докторантите, студентите, избрали да изработят дипломните си работи в ИМикБ. Отново отбелязваме, че времето от три години за редовно обучение на докторанти в областта на микробиологията не е достатъчно за експериментална работа, за обучение в специализирани курсове по изискуемите кредити, за двата изпита през първата година. Почти винаги се иска удължаване на срока. Това е свързано с търсене на възможности за назначаване на младите хора и съответно непланирано финансиране, а и самите докторанти губят някои финансови стимули, предвидени от закона.

През 2015 г. (към 31.12.2015) в ИМикБ са подготвяни общо 20 докторанти в две форми на обучение – редовна (13) и на самоподготовка (7) и по четирите акредитирани в ИМикБ докторски програми. От началото на 2015 г е зачислен един докторант на самоподготовка. Отчислените

докторанти са общо 2 от свободната форма на обучение. През 2015 г. успешно са защитили 4-ма докторанти – 2 от редовната форма и 2 от самостоятелната форма на обучение. Анализът на обучението по докторските програми показва, че докторантурата на самостоятелна подготовка е перспективна форма и е добре да бъде застъпена в по-голяма степен, тъй като дава възможност за по-ефективна селекция на бъдещите учени и по-дълъг период за експериментална работа. Базата на „Лабораторен център Пастьор" ефективно е използвана за подготовка както на докторанти от различни научни звена на Института, така и за обучението на студенти по молекулярна биология от Биологически факултет към Софийския университет, студенти от Факултета по ветеринарна медицина на Лесотехническия университет и Нов български университет.

Учени от ИМикБ участват в подготовката на бакалаври чрез пряко ръководство на студенти и участието им в научноизследователската работа на различни групи, както и в подготовката на магистри /дипломанти/ като освен, че четат лекции и водят семинарни занятия в редица университети от страната, осигуряват база и условия за разработване на техните магистърски тези. Единадесет учени от Института са ръководили 19 дипломанти. С активното си участие в приемането на магистри, които да използват материалната база и компетентността на учените от ИМикБ и да изготвят тук дипломните си работи, както и с назначенията на подготвени основно в БФ на СУ „Св. К. Охридски" млади специалисти, институтът реално подпомага и програмната акредитация на ВУЗ. Част от студентите, разработващи магистърските си тези в ИМикБ по специалностите вирусология и микробиология също използват инфраструктурните възможности на „Лабораторен център Пастьор".

Петима учени от ИМикБ са ръководили следдипломна квалификация и специализация на 13 специализанти с общо 1908 лекторски часа, от които 4–ма специализанти са се обучавали с 960 часа по ОП „Развитие на човешките ресурси „ BG 051P0001-3.3.07-0002 „Студентски практики".

Преподавателската дейност в подготовката на специалисти, извършвана от учени от ИМикБ включва четене на лекции, водене на специализирани курсове, провеждане на упражнения и семинари в различни висши учебни заведения и институции: три факултета на СУ"Св. Кл. Охридски" - Биологически, Факултет по химия и фармация и Физически факултети; Факултет по ветеринарна медицина на Лесотехническия университет; Химико-технологичен и металургичен университет, Университет по хранителни технологии-Пловдив; Аграрен Университет-Пловдив, Нов български университет, Пловдивски университет "Паисий Хилендарски", Национален център по опазване на общественото здраве, Медицински колеж „Й. Филаретова", Институт по биология и имунология на размножаването. Наш учен е чел лекции и в Бразилия, в Департамент по химическо инженерство на Университет Западна Парана.

В количествено изражение, участието на учени от ИМикБ в подготовка на специалисти е следното: 11 лектори са чели лекции в 10 ВУ по 26 теми в продължение на 679 часа. Трима учени в продължение на 92 часа са водили 2 специализирани курса по 4 теми. 1199 часа е продължителността на упражненията, водени от 10 учени по 18 теми в 7 ВУ.

5. ИНОВАЦИОННА ДЕЙНОСТ

За България научните изследвания и иновации са решаващ фактор за икономически и социален напредък. Въвеждането на съвременни и иновационни методи и подходи в проучванията по посочените направления, а именно методология на геномиката, транскриптомиката, протеомиката и метаболомиката, повишава качеството на научната дейност на ИМикБ и води до по-пълното разкриване на молекулните механизми на ключови биологични процеси и тяхното целево използване в медицината, индустрията, селското стопанство и др. Така ще се постигне усъвършенстване и разкриване на нови възможности за модернизация на научните изследвания и достигане на високите международни стандарти за наука в европейската научна общност. Основната част от разработките в ИМикБ през последните години са на различен етап от iR – изследователска фаза съгласно класификацията на Центъра за иновации към БАН.

В ИМикБ е подаден един полезен модел, поддържа се един патент и има един реализиран продукт. В процедура са 4, а два са прекратени, поради невъзможност за поддръжка. За тази невъзможност е необходимо да се помисли на по-горно ниво решение на проблема.

5.1. Осъществяване на съвместна иновационна дейност с външни организации.

КАТАЛИТИЧНА ДОБАВКА ЗА ВЪГЛЕВОДОРОДНИ ТЕЧНИ ГОРИВА ИМикБ и фирма БулЕл-ЕООД

Депозиран е полезен модел за каталитична добавка към въглеводородни течни горива - остатъчно корабно, котелно и дизелово гориво. Каталитичната добавка включва: ароматни и/или алифатни въглеводороди, терпенови въглеводороди, бактериална култура от вида *Nocardia globerula* и катализатор в определени количества. Тя е предназначена за добавяне към течни горива в определени съотношения и осигурява висока ефективност на изгаряне при добавянето й към посочените течни горива, предназначени за двигатели и други горивни инсталации. Полученият търговския продукт отговаря на съвременните световни и европейски изисквания за качество и позволява да се постигнат сериозни икономии на гориво с големи екологични ползи.

Ръководител: чл. кор Х. Найденски, двмн

Обект на приложение: Нефтопреработвателната индустрия

Заинтересовани от резултата: Производители и потребители на течни горива

6. СТОПАНСКА ДЕЙНОСТ НА ЗВЕНОТО

6.1. Осъществяване на съвместна стопанска дейност с външни организации и партньори

6.2. Отдаване под наем на помещения и материална база Под наем са отдадени 5 помещения със съответни договори с 5 фирми, намиращи се в блок 108 и част от фоайето на 1 фирма

6.3. Сведения за друга стопанска дейност

ИМикБ не извършва стопанска дейност, тъй като не разполага с производствена база.

7. КРАТЪК АНАЛИЗ НА ФИНАНСОВОТО СЪСТОЯНИЕ

Отчетът е изготвен на база касово изпълнение на бюджет 2015 г.

Общите приходи на ИМикБ са в размер на 2 577 676,00 лв., от които 1 523 773,00 лв. са бюджетна субсидия от БАН, увеличена с 15 617,00 лв. Останалите 1 053 903,00 лв. са средства от договори с МОН - 461 422,59 лв., договори с ФНИ - 133 482,00 лв, договор с БАН - 3 785,00 лв., договори с български фирми за научни разработки и анализи - 42 334,00 лв., валутни договори по международни програми - 370 920,00 лв., проект от програма „Конкурентноспособност”- 31 693,00 лв., наеми - 5 074,00 лв., продажба на бракувани материали - 557,00 лв., дарения - 1 650,00 лв., такси за обучение на докторанти - 2 960,00 лв. и лихви по банкови сметки -26,00 лв.

През 2015 г. бюджетната субсидия е използвана за заплати - 1 047 254,00 лв. и осигурителни вноски върху заплатите - 204 300,00 лв, за стипендии - 57 150,00 лв., обезщетения по КТ при пенсиониране - 48 744,00 лв., болнични от работодател - 6 207,00 лв., хонорари за журита, рецензии - 9 700,00 лв. От субсидията за издръжка /ел. енергия, топлоенергия и вода/ са изплатени - 141 700,00 лв., данък сгради и такса смет - 2 765,00 лв.

Общо разходите, заплатени от бюджетната субсидия са 1 517 820,00 лв.

Средствата от договори с МОН, валутни договори и др. са изразходвани за научно-изследователски разходи – 77 567,00 лв., материали – 38 634,00 лв., външни услуги и ремонти – 73 080,00 лв., командировки в страната – 26 319,00 лв. и чужбина – 58 058,00 лв., дълготрайни материални и нематериални активи – 75 896,00 лв., възнаграждения по договори и осигуровки – 204 728,00 лв. и др. Общо разходите от собствени средства са 594985,00лв.

8. ИЗДАТЕЛСКАТА И ИНФОРМАЦИОННА ДЕЙНОСТ

Библиотеката към Института по Микробиология ”Ст. Ангелов” при БАН, разполага с общ библиотечен фонд от 21 263 бр., от които 4 810 бр. книги и периодични издания 16 453 бр. на обща стойност 304 013.18 лв. Библиотеката се обслужва до обяд предвид възможния достъп до различни литературни източници по електронен път.

Като асоцииран институт към Институтите Пастьор, учените имат електронен достъп и до информационната мрежа на Институтите Пастьор.

Абонаментът за различни периодични издания и книги е на практика преустановен, поради липсата на финансови средства.

9. ИНФОРМАЦИЯ ЗА НАУЧНИЯ СЪВЕТ НА ИМИКБ - ДАТА НА ИЗБИРАНЕ И СПИСЪЧЕН СЪСТАВ

9.1. Списък на членовете на Научния съвет при Института по микробиология "Стефан Ангелов" – БАН

Дата на избиране: 27.02.2012 г.

№	Име, презиме и фамилия	Научна степен и научна специалност, по която е получена	Научно звание и научна специалност, по която е получена	Постоя на Месторабота
1.	Ангел Симеонов Гълъбов	дмн, "Вирусология"	академик, "Медицински науки"	пенсионер
2.	Тодор Веселов Кантарджиев	дмн, "Микробиология"	професор, "Микробиология"	НЦЗПБ
3.	Мария Богомилова Ангелова	дбн, "Микробиология"	професор, "Микробиология"	ИМикБ БАН
4.	Чавдар Любенов Василев	дбн, "Имунология"	професор, "Имунология"	ИМикБ БАН
5.	Атанас Иванов Павлов	дтн, "Технология на биол. активни вещества"	Чл.-кор., "Аграрни и лесовъдни науки	УХТ - Пловдив
6.	Нина Димитрова Ивановска	дбн, "Имунология"	професор, "Имунология"	ИМикБ БАН
7.	Христо Миладинов Найденски	двмн, "Микробиология"	Чл.-кор., "Аграрни и лесовъдни науки"	ИМикБ БАН
8.	Любка Йорданова Думанова	д-р, "Вирусология"	доцент, "Вирусология"	ИМикБ БАН
9.	Данка Николова Гълъбова	д-р, "Микробиология"	доцент, "Микробиология"	пенсионер
10.	Златка Милчева Алексиева	д-р, "Микробиология"	доцент, "Микробиология"	ИмикБ БАН
11.	Маргарита Стоянова Камбурова	д-р, "Микробиология"	доцент, "Микробиология"	ИМикБ БАН
12.	Светла Трифонова Данова	д-р, "Микробиология"	доцент, "Микробиология"	ИМикБ БАН
13.	Пенка Младенова Петрова	д-р, "Микробиология"	доцент, "Микробиология"	ИМикБ БАН
14.	Андрей Иванов Чорбанов	д-р, „Имунология"	доцент, "Имунология"	ИМикБ БАН
15.	Веселин Кънчев Късовски	д-р, "Микробиология"	доцент, "Микробиология"	ИМикБ БАН
16.	Надя Димитрова Маркова	д-р, "Микробиология"	доцент, "Микробиология"	ИМикБ БАН
17.	Вера Атанасова Максимова	д-р, „Вирусология"	професор, „Молекулярна биология"	пенсионер
18.	Любомира Николаева Крумова- Гломб	д-р, „Вирусология"	доцент, "Вирусология"	НЦЗПБ
19.	Петя Асенова Димитрова	д-р, „Имунология"	доцент, "Имунология"	ИМикБ БАН
20.	Стоянка Рангелова Стоицова	д-р, „Паразитология"	доцент, „Морфология"	ИМикБ БАН
21.	Блага Ангелова Мутафова	д-р, "Микробиология"	доцент, "Микробиология"	ИМикБ БАН

9.2. СПИЪК на членовете на Международния научен съвет (INTERNATIONAL SCIENTIFIC BOARD) при Института по микробиология "Стефан Ангелов" – БАН

Fabian Wild	Professor, Expert in the Centre of WHO, Lion, France
Jeffery Almond	Professor, Head of the School of Animal and Microbial Sciences at the University of Reading, UK *and* Vice-President, Discovery Research and External Research and Development at Sanofi Pasteur
Anna Erdei	Professor, Head of Department of Immunology, University of L. Eotvos, Budapest, Hungary
Fergus G. Priest	Professor, Head of Life Sciences, International Centre for Brewing and Distilling, School of Life Sciences Heriot-Watt University Edinburgh, UK
Erik DeClercq	Professor, Director of Rega Institute for Medical Research at the Catholic University of Leuven, Belgium
Dietmar Fuchs	Professor, University of Innsbruck, Austria
Tomas Bley	Professor, Chair of Bioprocess Engineering, Institute of Food Technology and Bioprocess Engineering

10. КОПИЕ ОТ ПРАВИЛНИКА ЗА РАБОТАТА В ИМикБ - www.microbio.bas.bg

11. СПИСЪК НА ИЗПОЛЗВАНИТЕ В ОТЧЕТА СЪКРАЩЕНИЯ

1. 7РП - 7 Рамкова програма към ЕС
2. ACIP - Action Concertée du Reeseau International des Insituts Pasteur (Inter-Pasteurien Concerted Actions)
3. EFSA - Европейската федерация по безопасността на храните
4. FEMS - Federation of European Microbiological Societies (Федерация на Европейските Микробиолози)
5. IUMS - International Union of Microbiological Societies
6. RIIP - The Institut Pasteur International Network
7. АРОО - анаеробното разграждане на органични отпадъци
8. БАБХ – Българска агенция по безопасност на храните
9. ЗРАСРБ – Закон за развитието на академичния състав в Република България
10. БФ - Биологически факултет
11. ДВУ - държавни висши училища
12. ИБЕИ - Институт по биоразнообразие и екосистемни изследвания -БАН
13. ИМикБ - Институт по микробиология
14. ЛТУ - Лесотехнически университет
15. МВнр – Министерство на външните работи
16. МОМН - Министерство на образованието, младежта и науката
17. НАОА - Националната Агенция за Оценка и Акредитация
18. онс – образователна научна степен
19. РАН – Руска Академия на Науките
20. СНС - Специализиран научен съвет
21. УАН – Унгарска Академия на Науките
22. УХТ - Университет по хранителни технологии
23. ФНИ - Фонд „Научни изследвания"
24. ХТМУ - Химико-технологичен и металургичен университет
25. ФХФ – Факултет по химия и фармация

12. ДОПЪЛНИТЕЛНИ СПИСЪЦИ

12.1. Списък на публикациите за 2015 г., генериран от системата SONIX

Е 03/1.1: Научни публикации, които са реферирани и индексирани в световната система за реферране, индексиране и оценяване - излезли от печат

1. **Abrashev R.**, **Ekaterina Krumova**, **Nedelina Kostadinova**, **Jeny Miteva-Staleva**, **Boriana Spasova**, **Maria Angelova**. IMPROVEMENT OF SUPEROXIDE DISMUTASE PRODUCTION BY HEAT SHOCK TREATMENT OF ASPERGILLUS NIGER 26. Comptes rendus de l'Acad´emie bulgare des Sciences, 68, 11, 2015, ISSN:1310–1331, 1379 - 1386. ISI IF:0.284
2. Arita, M., Philipov, S., **Galabov, A.S.**. Phosphatidylinositol 4-kinase III beta is the target of oxoglaucine and pachydipol (Ro 09-0179) for their anti-poliovirus activity, and locates at upstream of the target step of brefeldin A in poliovirus replication. Microbiol. Immunol., 59, 2015, ISSN:1348-0421, 338 - 347. ISI IF:1.306
3. **Belenska, L**, **Gyurkovska, V**, **Ivanovska, N**. How complement activation influences the development of chronic synovitis in a mouse model of rheumatoid arthritis. Scand. J. Rheumatol., Jul 23, Taylor & Francis, 2015, DOI:DOI:10.3109/03009742.2015.1036114, 1 - 10. ISI IF:2.5
4. Birner, P., **Tchorbanov, A.**, Natchev, S., Tuettenberg, J., Guentchev, M.. The chemokine receptor CXCR7 influences prognosis in human glioma in an IDH1 dependent manner.. J Clin Pathology, 68, 10, 2015, DOI:DOI: 10.1136/jclinpath-2015-202886, 830 - 834. ISI IF:2.915
5. Chayrov, R., Veselinova, V., Markova, V., **Mukova, L.**, **Galabov, A.**, Stankova, I.. Synthesis and antiviral activity of some amino acids derivatives of influenza virus drugs. Chemistry, 24, 3, 2015, 348 - 354
6. **Chorukova, E**, **Simeonov, I**. A Simple Mathematical Model of the Anaerobic Digestion of Wasted Fruits and Vegetables in Mesophilic Conditions. INT. J. BIOAUTOMATION, 19, 1, 2015, ISSN:1314-1902, S69 - S80. SJR:0.228
7. **Christova N.,**, Siegmund Lang, Victor Wray, Kaloyan Kaloyanov,, Spiro Konstantinov, Ivanka Stoineva.. Production, structural elucidation and in vitro antitumor activity of trehalose lipid biosurfactant from Nocardia farcinica strain.. Journal of Microbiology and Biotechnology,, 25, 4, 2015, ISSN:1017-7825, DOI:jmb.1406.06025, 439 - 447. ISI IF:1.32
8. Crous P.W., Wingfield M.J., Guarro J., Hernández-Restrepo M., Sutton D.A, Acharya K., Barber P.A., Boekhout T, Dimitrov R.A., Dueñas M., Dutta A.K, Gené J., **Gouliamova D.E**, Groenewald M., Lombard L., Morozova O.V., Sarkar J., Smith M.TH., Stchigel A.M., Wiederhold N.P., Alexandrova A.V., Antelmi I., Armengol J., Barnes I., Cano-Lira J.F., Ruiz R.F. Castañeda, Contu M., Courtecuisse Pr.R., da Silveira A.L., Decock C.A., de Goes A., Edathodu J., Ercole E., Firmino A.C., Fourie A., Fournier J., Furtado E.L., Geering A.D.W., Gershenzon J., Giraldo A., Gramaje D., Hammerbacher A., He X.-L., Haryadi D., Khemmuk W., Kovalenko A.E., Krawczynski R., Laich F., Lechat C., Lopes U.P., Madrid H., Malysheva E.F., Marín-Felix Y., Martín M.P., Mostert L., Nigro F., Pereira O.L., Picillo B., Pinho D.B., Popov E.S., Peláez C.A., Rodas Rooney-Latham S., Sandoval-Denis M., Shivas R.G., Silva V., Stoilova-Disheva M.M., Telleria M.T., Ullah C., Unsicker S.B., van der Merwe N.A., Vizzini A., Wagner H.-G., Wong P.T.W., Wood A.R., Groenewald J.Z.. Fungal Planet description sheets: 320–370.. Persoonia 2015, 34, ingentaconnect, 2015, ISSN:ISSN 0031-5850, DOI:http://dx.doi.org/10.3767/003158515X 688433, 167 - 266. ISI IF:5.3
9. Cullen L., Weiser R., Olszak T., Maldonado R., Moreira A., Slachmuylders L., Brackman G., **Paunova-Krasteva Ts.**, Zarnowiec P., Czerwonka G., Reilly J., Drevinek P., Kaca W., Melter O., de Soyza A., Perry A., Winstanley C., **Stoitsova S.**, et.al.. Phenotypic characterization of an international Pseudomonas aeruginosa reference panel: Strains of cystic fibrosis origin show less in vivo virulence than non-CF strains.. , 2015, ISI IF:2.557
10. Doumanov J., Mladenova K., Topouzova-Hristova T., **Stoitsova S.**, Petrova S.. Vipoxin and its components affect proliferation and cell death in HepG2 cells. Toxicon, 94, 2015, ISSN:0041-0101, DOI:doi: 10.1016/j.toxicon.2014.12.009, 36 - 44. ISI IF:2.942
11. Efferth T., Zacchino S., **Georgiev M.**, Liu L., Wagner H., Panossian A.. Nobel prize for artemisinin brings phytotherapy into the spotlight. Phytomedicine, 22, 13, Elsevier, 2015, A1 - A3. SJR:0.93, ISI IF:3.126

12. Emilova, N., Denchev, S., **Abrashev, R.**, Cakova, A., Stoycheva, M., **Krumova, E.**. Prognostic significance of extracellular superoxide dismutase in acute coronary syndrome - Gender-specific aspects. Comptes Rendus de L'Academie Bulgare des Sciences, 68, 4, 2015, 529 - 536. ISI IF:0.284
13. **Eneva, R**, **Engibarov, S**, **Petrova, P**, **Abrashev, R**, Strateva, T, Kolyovska, V, **Abrashev, I**. High Production of Neuraminidase by a Vibrio cholerae Non-O1 Strain—the First Possible Alternative to Toxigenic Producers. Appl Biochem Biotechnol, 176, Springer, 2015, ISSN:0273-2289, DOI:DOI 10.1007/s12010-015-1584-4, 412 - 427. ISI IF:1.735
14. **Engibarov, S**, **Eneva, R**, **Abrashev, I**. Neuraminidase (sialidase) from Aeromonas sp. strain 40/02 – isolation and partial purification. Annals of Microbiology, 65, 3, Springer, 2015, ISSN:1590-4261, DOI:DOI 10.1007/s13213-014-0990-0, 1515 - 1523. ISI IF:1.01
15. Fiorentin, L. D., Módenes, A. N., Espinoza-Quiñones, F. R., Trigueros, D. E. G., **Kroumov, A. D.**, Manenti, D. R., Borba, C. E.. Biosorption of the reactive blue 5G dye in a fixed bed column packed with orange bagasse: experimental and mathematical modeling. Separation Science and Technology, 50, 15, Taylor & Francis, 2015, ISSN:1520-5754, DOI:10.1080/01496395.2015.1047453, 2267 - 2275. ISI IF:1.2
16. **Galabov, A.S.**, **Nikolova, I.**, Vassileva, R., **Stoyanova, A.**. Antiviral combination approach: a perspective to combat enterovirus infections. Prilozi/Contributions, 25, 2015, ISSN:1857-9345, 91 - 99
17. Garimalla, S, Kieber-Emmons, T, **Pashov, A.D.**. The Patterns of Coevolution in Clade B HIV Envelope's N-Glycosylation Sites. PLoS ONE, 10, 2015, ISI IF:3.2
18. **Georgiev, M**, Radziszewska, A, Neumann, M, **Marchev, A**, Alipieva, K, Ludwig-Müller, J. Metabolic alterations of Verbascum nigrum L. plants and SAArT transformed roots as revealed by NMR-based metabolomics. Plant Cell Tissue and Organ Culture, 123, 2, Springer, 2015, DOI:10.1007/s11240-015-0840-1, 349 - 356. ISI IF:2.125
19. Georgieva L., Gadjalova A., Mihailova D., **Pavlov A.**. Achillea milefolium L. - Phytochemical profile and in vitro antioxidant activity.. International Food Research Journal, 22, 4, 2015, 1347 - 1352. SJR:0.379
20. Georgieva, L, Ivanov, I, **Marchev, A**, Aneva, A, Denev, P, **Georgiev, V**, **Pavlov, A**. Protopine production by Fumaria cell suspension cultures: effect of light. Applied Biochemistry and Biotechnology, 176, 1, Springer, 2015, ISSN:1559-0291, DOI:10.1007/s12010-015-1574-6, 287 - 300. ISI IF:1.735
21. Gesheva V, Chausheva S, Stefanova N, **Mihaylova N**, **Doumanova L**, Idakieva K, **Tchorbanov A**. Helix pomatia hemocyanin - a novel bio-adjuvant for viral and bacterial antigens.. , 2015, ISI IF:2.472
22. Grabchev I., Yordanova S., **Vasileva-Tonkova E.**, Bosch P., Stoyanov S.. Poly(propylenamine) dendrimers modified with 4-amino-1,8-naphthalimide: Synthesis, characterization and in vitro microbiological tests of their Cu(II) and Zn(II) complexes.. Inorganica Chimica Acta, 438, 2015, 179 - 188. ISI IF:2.046
23. **Grozdanov, P.**, **Nikolova, I.**, **Galabov, A.S.**. Detection of cytomegalovirus (CMV) DNA by PCR in patients with unknown inflammatory eye diseases. .J.Biosci. Biotechnol, SE/online, 2015, ISSN:1314-6246, 43 - 44
24. **Gyurkovska, V**, **Dimitrova, P**, **Ivanovska, N**. Plant remedies: How they can overcome Candida infections. Natural Products: Research Reviews, 3, Daya Publishing House®, 2015, ISBN:9789351246855, 327 - 351
25. **Gyurkovska, V**, **Ivanovska, N**. Tyrosine kinase inhibitor tyrphostin AG490 reduces liver injury in LPS-induced shock. European J Pharmacol., 751, 2015, 118 - 126. ISI IF:2.7
26. **Gyurkovska, V**, Philipov, S, Kostova, S, **Ivanovska, N**. Acetylated derivative of glaucine inhibits joint inflammation in collagenase-induced arthritis. Immunopharmacol. Immunotoxicol., 37, 1, 2015, 56 - 61. ISI IF:1.1

27. **Hadzhieva, M**, Dimitrov, JD, **Vassilev, TL**. Induced polyreactivity of heme-exposed pooled human therapeutic IgG (IVIg). Comptes rendus de l'Acade'mie bulgare des Sciences, 68, 7, 2015, ISI IF:0.284
28. **Hadzhieva, M**, **Vassilev, TL**, Roumenina, LT, Bayry, J, Kaveri, SV, Lacroix-Desmazes, S, Dimitrov, JD. Mechanism and functional implications of the heme-induced binding promiscuity of IgE. Biochemistry, 54, 11, 2015, DOI:doi: 10.1021/bi501507m, ISI IF:3.02
29. Hasan Y., Vrancheva R., Ivanov I., Dincheva I., Badjakov I., **Pavlov A.**. GS-MS based metabolite profile of different trademarks of fenugreek. Journal of Bioscience and Biotechnology, in press, 2015
30. Ivanov I., Petkova N., Denev P., **Pavlov A.**. Polyphenols content and antioxidant activities in infusion and decoction extracts obtained from Fragaria vesca L. leaves. Scientific Bulletin. Series F. Biotechnologies, 19, 2015, 145 - 148
31. Ivanova J., **Kabaivanova, L.**, Petkov. Temperature and irradiance effects on Rhodella reticulata growth and biochemical characteristics.. Russian Journal of Plant Physiology, 2015, ISI IF:0.946
32. Ivanova J., **Kabaivanova, L.**, Petrov P., Yankova S.. Optimization strategies for improved growth, polysaccharide production and storage of the red microalga Rhodella reticulata.. Bulgarian Chemical Communications, 2015, ISI IF:0.349
33. **Ivanovska, N**, Saso, L, **Dimitrova, P**. Kinase inhibitors with redox and anti-inflammatory activities. Current Topics in Medicinal Chemistry, 15, 9, Bentham Science Publishers, 2015, ISSN:18734294, DOI:10.2174/1568026615666150220115838, 872 - 885. SJR:0.99, ISI IF:3.38
34. **Kabaivanova, L.**, Chernev G., Ivanova J.. Construction of Inorganic and Hybrid Biosorbents for Heavy Metal Ions Removal.. International journal of Bioautomation, 19, 4, 2015, SJR:0.228
35. Karachanak-Yankova, S., Nesheva, D.V., **Galabov, A.S.**, Toncheva, D.. Distribution of East Eurasian Y-chromosome and mitochondrial DNA haplogroups across Eurasia: insights into the genetic ancestry of Bulgarians.. Adv. Anthropol., 5, 2015, ISSN:2163-9361, 205 - 266. ISI IF:0.8
36. **Kroumov, A. D.**, **Zaharieva, M. M.**, Beshkov, V.. Ethanol from Cellulosic Biomass with Emphasis of Wheat Straw Utilization. Analysis of Strategies for Process Development. Int. J. Bioautomation, 19, 4, 2015, ISSN:1314-2321, 483 - 506. SJR:0.228
37. **Lazarkevich I.,**, **2. Sotirova A.,**, Avramova T.,, **Stoitsova S.,**, **Paunova-Krasteva T.,**, Galabova D.,. Antibacterial activity of methyltiosulfonate and its complexes with rhamnolipid and trehalose lipid against Pseudomonas aeruginosa NBIMCC 1390. , 2015, ISI IF:0.35
38. Lecerf, M., Scheel, T., **Pashov, A.D.**, Jarossay, A., Ohayon, D., Planchais, C., Mesnage, S., Berek, C., Kaveri, S.V., Lacroix-Desmazes, S., Dimitrov, J.D.. Prevalence and Gene Characteristics of Antibodies with Cofactor-induced HIV-1 Specificity.. J Biol Chem, 290, 8, 2015, 5203 - 5213. ISI IF:4.3
39. Mantareva V., Eneva I., **Kussovski V.**, Borisova E., Angelov I.. Antimicrobial photodisinfection with Zn(II) phthalocyanine adsorbed on TiO2 upon UVA and red irradiation. Proceedings of SPIE - The International Society for Optical Engineering, © 2015 SPIE, 2015, ISSN:ISSN: 0277-786X, DOI:DOI: 10.1117/12.2084307, SJR:0.212
40. **Markova N**, **Slavchev G**. Presence of mycobacterial L-forms in human blood: Challenge of BCG vaccination. Human Vaccines & Immunotherapeutics, 11, 5, Taylor and Francis, 2015, ISSN:2164-5515, DOI:10.1080/21645515.2015.1016682, 1192 - 1200. ISI IF:2.366
41. **Markova N**. Novel antibacterial electrospun materials based on polyelectrolyte complexes of a quaternized chitosan derivative. RSC Advances, 67, 5, Royal Society of Chemistry, 2015, ISSN:2046-2069, DOI:10.1039/C5RA08484A, 54517 - 54526. ISI IF:3.84
42. Mihaylova D., Georgieva L., **Pavlov A.**. Antioxidant activity and bioactive compounds of Rosa canina L. herbal preparations. Scientific Bulletin. Series F. Biotechnologies, 19, 2015, 160 - 165
43. **Mileva, M.**, **Nikolova, I.**, **Nikolova, N.**, **Mukova, L.**, Gerogieva, A., Dobreva, A., **Galabov, A.S.**. Investigation of antioxidant and antiviral properties of geraniol. Acta Microbiologica Bulgarica, 31, 1, Bu□lgarska akademii□a□ na naukite, 2015, ISSN:0204-8809

44. **Miteva-Staleva, J.**, **Krumova, E.**, **Stefanova, T.**, **Angelova, M.**. Age-related changes in reactive oxygen species production in the filamentous fungus Penicillium rugulosum T35 under cold stress conditions. Comptes Rendus de L'Academie Bulgare des Sciences, 68, 9, 2015, 1123 - 1128. ISI IF:0.284
45. Mladenova K, Petrova S., Moskova-Doumanova V., Topouzova-Hristova T., **Stoitsova S.**, Tabashka I., Chakarova C., Lalchev Z., Doumanov J.. Transepithelial resistance in human bestrophin-1 stably transfected Madin-Darby canine kidney cells.. Biotechnol Biotechnol Equipment, 29, 2015, ISSN:1310-2818 (Print), 1314-3530 (Online), 101 - 104. ISI IF:0.3
46. Moussa, M, Arrode-Brusés, G, **Manoylov, I**, Malogolovkin, A, Mompelat, A, Ishimwe, H, Smaoune, A, Ouzrout, B, Gagnon, J, Chebloune, Y. A novel non-integrative single-cycle chimeric HIV lentivector DNA vaccine. Vaccine, 2015, ISSN:0264-410X, DOI:doi:10.1016/j.vaccine.2015.03.021, 2273 - 2282. SJR:1.74, ISI IF:3.624
47. Murthy H.N., **Georgiev M.I.**, Park S-Y., Dandin V.S., Paek K-Y.. The safety assessment of food ingredients derived from plant cell, tissue and organ cultures: A review. Food Chemistry, 176, Elsevier, 2015, 426 - 432. SJR:1.42, ISI IF:3.391
48. Módenes, A. N., Espinoza-Quiñones, F. R., Geraldi, C. A.Q., Manenti, D. R., Oliveira, A. P. de, Borba, C. E., **Kroumov, A. D.**. Assessment of the banana pseudostem as low-cost biosorbent for removal of the reactive blue 5G dye. Environmental Technology, 36, 22, 2015, ISSN:0959-3330 (Print), 1479-487X (Online), DOI:10.1080/09593330.2015.1051591, 2892 - 2902. ISI IF:1.2
49. Módenes, A. N., Scheufele, F. B., Espinoza-Quiñones, F. R., Souza, P. S. C. de, Cripa, C. R. B., Santos, J. dos, Steffen, V., **Kroumov, A. D.**. Adsorption of direct of yellow ARLE dye by activated carbon of shell of coconut palm: Kinetics, equilibrium and mechanism study. International Journal Bioautomation, 19, 2, BAS, Institute of Biophysics and Biomedical Engineering, 2015, ISSN:1314-2321, 187 - 206. SJR:0.228
50. Pavlova I., **Danova S.**, **Najdenski H.**, **Tropcheva R.**, Milanova A.. Effect of probiotics on enrofloxacin disposition in gastrointestinal tract of poultry. J. Vet. Pharm. Therap., 38, 6, John Wiley & Sons Ltd., 2015, ISSN:1365-2885, DOI:10.1111/jvp.12232, 549 - 555. ISI IF:1.189
51. Petkova N., Ivanov I., Topchieva S., Denev P., **Pavlov A.**. Biologically active substances and in vitro antioxidant activity of different extracts from dandelion (Taraxacum officinale) roots. Scientific Bulletin. Series F. Biotechnologies, 19, 2015, 190 - 197
52. **Petrova P.**, **Velikova P.**, Popova L., Petrov K.. Direct conversion of chicory flour into L(+)-lactic acid by the highly effective inulinase producer Lactobacillus paracasei DSM 23505. Bioresource Technology, 186, June, Elsevier Ltd., 2015, ISSN:0960-8524, DOI:10.1016/j.biortech.2015.03.077, 329 - 333. SJR:2.199, ISI IF:4.494
53. Poehlein, Anja, Daniel, Rolf, **Simeonova, Diliana D.**. Genome sequence of Pedobacter glucosidilyticus DD6b, isolated from zooplankton Daphnia magna.. Standards in genomic sciences, 10, 2015, ISSN:ISSN:1944-3277, DOI:DOI:10.1186/s40793-015-0086-x, SJR:0.574
54. **Radchenkova N**, **Vassilev S**, Panchev I, Kuncheva M, Dobreva S, **Kambourova M**. Continuous cultivation of a thermophilic bacterium Aeribacillus pallidus 418 for production of an exopolysaccharide applicable in cosmetic creams. J Appl Microbiol., 2015, ISI IF:2.4
55. Raynova, Y, **Doumanova, L**, Idakieva, K. Phenoloxidase activity of helix aspersa maxima (Garden Snail, Gastropod) Hemocyanin. Protein Journal, 32, 8, 2015, ISSN:1572-3887, DOI:DOI: 10.1007/s10930-013-9523-0, 609 - 618. ISI IF:0.912
56. **Rositsa Tropcheva**, Nedyalko Lesev, **Svetla Danova**, **Stoyanka Stoitsova**, Stefka Kaloyanova. Novel cyanine dyes and homodimeric styryl dyes as fluorescent probes for assessment of lactic acid bacteria cell viability. Journal of Photochemistry and Photobiology B: Biology, 2015, ISSN:1011-1344, DOI:10.1016/j.jphotobiol.2015.01.002, 120 - 129. ISI IF:2.96
57. Saha, S, Murali, R, **Pashov, A**, Kieber-Emmons, T.. The Potential Role of Solvation in Antibody Recognition of the Lewis. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 34, 2015, 295 - 302

58. Schneider, C., Smith, D.F., Cummings, R.D., Boligan, K.F., Hamilton, R.G., Bochner, B.S., Miescher, S., Simon, H.-U., **Pashov, A.**, **Vassilev, T.**, von Gunten, S.. The human IgG anti-carbohydrate repertoire exhibits a universal architecture and contains specificity for microbial attachment sites.. Science Translational Medicine, 7, 269, 2015, ISI IF:16
59. Staneva D., Atanasova D., **Vasileva-Tonkova E.**, Lukanova V., Grabchev I.. A cotton fabric modified with a hydrogel containing ZnO nanoparticles. Preparation and properties study.. Applied Surface Science, 345, 2015, ISSN:0169-4332, 72 - 80. ISI IF:2.711
60. Staneva D., **Vasileva-Tonkova E.**, Makki M.S.I., Sobahi T.R., Abdel-Rahman R.M., Asiri A.M., Grabchev I.. Synthesis, photophysical and antimicrobial activity of new water soluble ammonium quaternary benzanthrone in solution and in polylactide film.. Journal of Photochemistry and Photobiology B: Biology, 2015, ISSN:1011-1344, ISI IF:2.96
61. Staneva D., **Vasileva-Tonkova E.**, Makki M.S.I., Sobahi T.R., Abdel-Rahman R.M., Boyaci I.H., Asiri A.M., Grabchev I.. Synthesis and spectral characterization of a new PPA dendrimer modified with 4-bromo-1,8-naphthalimide and in vitro antimicrobial activity of its Cu(II) and Zn(II) metal complexes.. Tetrahedron, 71, 7, 2015, ISSN:0040-4020, 1080 - 1087. ISI IF:2.641
62. **Stoyanova, A.**, **Nikolova, I.**, **Galabov, A.S.**. Effect of consecutive alternating administration (CAA) of a triple anti-enteroviral combination on Coxsackievirus B1 neuroinfection in mice. Antiviral Research, 121, Elsevier, 2015, ISSN:0166-3542, DOI:http://dx.doi.org/10.1016/j.antiviral.2015.07.004, 138 - 144. SJR:1.399, ISI IF:3.938
63. **Stoykov Y.**, **Pavlov A.**, Krastanov A.. Chitinase biotechnology: Production, purification and application. Engineering in Life Sciences, 15, 1, 2015, 30 - 38. ISI IF:2.49
64. Taşkın G., Durmuş M., Yüksel F., Mantareva V., **Kussovski V**, Angelov I., Atilla D.. Axially paraben substituted silicon(IV) phthalocyanines towards dental pathogen Streptococcus mutans: Synthesis, photophysical, photochemical and in vitro properties. Journal of Photochemistry and Photobiology A: Chemistry, 306, ELSEVIER SCIENCE SA, PO BOX 564, 1001 LAUSANNE, SWITZERLAND, 2015, ISSN:ISSN: 1010-6030, DOI:DOI: 10.1016/j.jphotochem.2015.03.010, 31 - 40. ISI IF:2.495
65. **Teneva-Angelova Ts.**, **Beshkova D.**. Non-traditional sources for isolation of lactic acid bacteria. Annals of Microbiology, 2015, DOI:10.1007/s13213-015-1127-9, SJR:0.39, ISI IF:0.99
66. Tomova I., **Stoilova-Disheva M.**, **Lazarkevich I.**, **Vasileva-Tonkova E.**. Antimicrobial activity and resistance to heavy metals and antibiotics of heterotrophic bacteria isolated from sediment and soil samples collected from two Antarctic islands.. Frontiers in Life Science, 2015, DOI:DOI: 10.1080/21553769.2015.1044130, ISI IF:0.29
67. **Valcheva V.**. Prevalence of Latin-American-Mediterranean genetic family in population structure of Mycobacterium tuberculosis in Bulgaria. International Journal of Mycobacteriology, 4, 3, Elsevier, 2015, ISSN:2212-5531, DOI:http://dx.doi.org/10.1016/j.ijmyco.2015.04.003, 191 - 195. SJR:0.167
68. **Valcheva V.**. Design, Synthesis, and Antimycobacterial Activity of Novel Theophylline-7-Acetic Acid Derivatives with Amino Acid Moieties. Chemical biology & drug design, Wiley Online Library, 2015, ISSN:1747-0285, DOI:10.1111/cbdd.12676, ISI IF:2.485
69. **Valcheva V.**. Growth stimulation of Bacillus cereus and Pseudomonas putida using nanostructured ZnO thin film as transducer element. Journal of Nanoparticle Research, 17, 125, Springer, 2015, ISSN:1572-896X, 1 - 7. ISI IF:2.184
70. Xiao J., **Georgiev M.I.**. The international symposium on phytochemicals in medicine and food (ISPMF 2015): an introduction. Fooc Chemistry, 186, 1, Elsevier, 2015, SJR:1.42, ISI IF:3.391
71. Yakovlieva, M, Tacheva, T, Mihaylova, S, **Tropcheva, R**, Trifonova, K, Tolekova, A., **Danova, S**, Vlaykova, T. Influence of Lactobacillus brevis 15 and Lactobacillus plantarum 13 on blood glucose and body weight in rats after high-fructose diet. Beneficial Microbes, 6, 4, 2015, ISSN:1365-2885, DOI:10.1111/jvp.12232, 505 - 512. ISI IF:1.189
72. Yakub G., Toncheva A., Manolova N., Rashkov I., Danchev D., **Kussovski V.**. Electrospun polylactide-based materials for curcumin release: Photostability, antimicrobial activity, and

anticoagulant effect. Journal of Applied Polymer Science, 133, 5, WILEY-BLACKWELL, 111 RIVER ST, HOBOKEN 07030-5774, NJ USA, 2015, ISSN:ISSN: 0021-8995; eISSN: 1097-4628, DOI:DOI: 10.1002/app.42940, ISI IF:1.768

73. Yildiz, S. Y., **Radchenkova, N.**, Arga, K. Y., **Kambourova, M.**. Genomic analysis of Brevibacillus thermoruber 423 reveals its biotechnological and industrial potential. Applied Microbiology and Biotechnology, 2015, ISI IF:3.337
74. Yordanova S., Temiz H.T., Boyaci I.H., Stoyanov S., **Vasileva-Tonkova E.**, Asiri A., Grabchev I.. Synthesis, characterization and in vitro antimicrobial activity of a new blue fluorescent Cu(II) metal complex of bis-1,8-naphthalimide.. Journal of Molecular Structure, 1101, 2015, 50 - 56. ISI IF:1.602
75. **Zahmanov G.**, Alipieva K.I., Denev P., Todorov D., Hinkov A., Shishkov S., Simova S., **Georgiev M.I.**. Flavonoid glycosides profiling in dwarf elder fruits (Sambucus ebulus L.) and evaluation of their antioxidant and anti-herpes simplex activities. Industrial Crops and Products, Elsevier, 2015, 58 - 64. SJR:1.002, ISI IF:2.837
76. **Zahmanov G.**, Alipieva K.I., Simova S., **Georgiev M.I.**. Metabolic differentiations of dwarf elder by NMR-based metabolomics. Phytochemistry Letters, 11, Elsevier, 2015, ISSN:1874-3900, 404 - 409. SJR:0.543, ISI IF:1.45
77. **Л. Димитрова**, **В. Късовски**, **И. Цветкова**, Михайлова С., Иванов Н., Глухчев Г., **Х. Найденски**. Бактерициден ефект на електрохимически активирана вода върху аеробната бактериална популация на биошлам. Екологично инжинерство и опазване на околната среда, 14, 4, Екологично инжинерство и опазване на околната среда, 2015, ISSN:1311-8668, 23 - 32
78. Младенов, К., К. Мекушинов, **Х. Найденски**. Туларемията в България.. Туларемия-заешка треска., Импера Принт, 2015
79. Младенов, К., **Х. Найденски**. Проучвания на природни огнища на туларемия западно от София и Северозападна България.. Туларемия-заешка треска., Импера Принт, 2015
80. Младенов, К., **Х. Найденски**. Туларемия при хората.. Туларемия-заешка треска., Импера Принт, 2015
81. **Найденски, Х.**. Туларемия при дивите и домашни животни.. Туларемия-заешка треска., Импера Принт, 2015

Е 03/1.2: Научни публикации, които са реферирани и индексирани в световната система за реферирane, индексиране и оценяване - приети за печат

1. **Djoumerska-Alexieva, I**, Roumenina, L, **Pashov, A**, Dimitrov , J, **Hadzhieva, M**, Lindig, S, Voynova, E, **Dimitrova, P**, **Ivanovska, N**, Bockmeyer, C, Stefanova, Z, Fitting, C, Bläss, M, Ralf, S, von Guten, S, Kaveri, S, Cavillon, J-M, Bauer, M, **Vassilev, T**. Intravenous Immunoglobulin with Enhanced Polyspecificity Improves Survival in Experimental Sepsis and Aseptic Systemic Inflammatory Response Syndromes. Molecular Medicine, приета за печат: 2015, DOI:DOI: 10.2119/molmed, ISI IF:4.5
2. **Gouliamova D.**, Dimitrov R., Smith M., Groenewal M., **Stoilova-Disheva M. M.**, Guéorguiev B., Boekhout T.. DNA barcoding revealed Nematodospora valgi gen. nov., sp. nov. and Candida cetoniae sp. nov. in the Lodderomyces clade.. , Elsevier, приета за печат: 2015, DOI:doi:10.1016/j.funbio.2015.05.008, ISI IF:2.342
3. Jarossay, A, **Hadzhieva, M**, Kaveri, SV, Lacroix-Desmazes S, Dimitrov, JD. Natural and induced antibody polyreactivity. Anticancer Agents Med Chem, 15, 10, приета за печат: 2015, ISI IF:2.469
4. Ludwiczuk A., Skalicka-Wozniak K., **Georgiev M.I.**. Terpenois. Pharmacognosy: Fundamentals, Applications and Strategy, Elsevier, приета за печат: 2015
5. **Marchev, A**, Dinkova-Kostova, A, György, Z, Mirmazloum, I, Aneva, Y, **Georgiev, M**. Rhodiola rosea L.: from golden root to green cell factories. Phytochemistry Reviews, Springer, приета за печат: 2015, SJR:0.783, ISI IF:2.407

6. **Markova N**. Superhydrophobic PVDF and PVDF-HFP nanofibrous mats with antibacterial and anti-biofouling properties. Applied Surface Science, Elsevier, 2016, ISSN:0169-4332, DOI:http://dx.doi.org/doi:10.1016/j.apsusc.2015.12.049, ISI IF:2.711
7. Módenes, A. N., Scheufele, F. B., Barbosa, J. C., Andreia, C., Trigueros, D. E. G., Espinoza-Quiñones, F. R., Hinterholz, C. L., **Kroumov, A. D.**. Assessment of kinetic, equilibrium and thermodynamic of black Krom KJR dye adsorption onto aquatic macrophyte Pistia stratiote. Environmental Engineering and Management Journal, Gheorghe Asachi Technical University of Iasi, Romania, приета за печат: 2015, ISSN:1582-9596, SJR:0.311, ISI IF:1.065
8. Nesheva, D.V., Karachanak-Yankova, S., Lari, M., Yordanov, Y., **Galabov, A.**, Caramelli, D., Toncheva, D.. Mitochondrial DNA suggests a Western Eurasian origin for Ancient (Proto-) Bulgarians. Human Biology, 87, приета за печат: 2015, ISSN:0018-7143, ISI IF:1.594
9. Vrancheva R., Ivanov I., Aneva I., Dincheva I., Badjakov I, **Pavlov A.**. Alkaloid profiles and acetylcholinesterase inhibitory activities of Fumaria species from Bulgaria. Zeitschrift fuer Naturforschung, приета за печат: 2015, ISI IF:0.79

E03/2.1: Научни публикации, включени в издания с импакт фактор IF (Web Of Science) или импакт ранг SJR (SCOPUS) - излезли от печат

1. **Abrashev R.**, **Ekaterina Krumova**, **Nedelina Kostadinova**, **Jeny Miteva-Staleva**, **Boriana Spasova**, **Maria Angelova**. IMPROVEMENT OF SUPEROXIDE DISMUTASE PRODUCTION BY HEAT SHOCK TREATMENT OF ASPERGILLUS NIGER 26. Comptes rendus de l'Acad´emie bulgare des Sciences, 68, 11, 2015, ISSN:1310–1331, 1379 - 1386. ISI IF:0.284
2. Arita, M., Philipov, S., **Galabov, A.S.**. Phosphatidylinositol 4-kinase III beta is the target of oxoglaucine and pachydipol (Ro 09-0179) for their anti-poliovirus activity, and locates at upstream of the target step of brefeldin A in poliovirus replication. Microbiol. Immunol., 59, 2015, ISSN:1348-0421, 338 - 347. ISI IF:1.306
3. **Belenska, L**, **Gyurkovska, V**, **Ivanovska, N**. How complement activation influences the development of chronic synovitis in a mouse model of rheumatoid arthritis. Scand. J. Rheumatol., Jul 23, Taylor & Francis, 2015, DOI:DOI:10.3109/03009742.2015.1036114, 1 - 10. ISI IF:2.5
4. Birner, P., **Tchorbanov, A.**, Natchev, S., Tuettenberg, J., Guentchev, M.. The chemokine receptor CXCR7 influences prognosis in human glioma in an IDH1 dependent manner.. J Clin Pathology, 68, 10, 2015, DOI:DOI: 10.1136/jclinpath-2015-202886, 830 - 834. ISI IF:2.915
5. **Christova N.,**, Siegmund Lang, Victor Wray, Kaloyan Kaloyanov,, Spiro Konstantinov, Ivanka Stoineva.. Production, structural elucidation and in vitro antitumor activity of trehalose lipid biosurfactant from Nocardia farcinica strain.. Journal of Microbiology and Biotechnology,, 25, 4, 2015, ISSN:1017-7825, DOI:jmb.1406.06025, 439 - 447. ISI IF:1.32
6. Crous P.W., Wingfield M.J., Guarro J., Hernández-Restrepo M., Sutton D.A, Acharya K., Barber P.A., Boekhout T, Dimitrov R.A., Dueñas M., Dutta A.K, Gené J., **Gouliamova D.E**, Groenewald M., Lombard L., Morozova O.V., Sarkar J., Smith M.TH., Stchigel A.M., Wiederhold N.P., Alexandrova A.V., Antelmi I., Armengol J., Barnes I., Cano-Lira J.F., Ruiz R.F. Castañeda, Contu M., Courtecuisse Pr.R., da Silveira A.L., Decock C.A., de Goes A., Edathodu J., Ercole E., Firmino A.C., Fourie A., Fournier J., Furtado E.L., Geering A.D.W., Gershenzon J., Giraldo A., Gramaje D., Hammerbacher A., He X.-L., Haryadi D., Khemmuk W., Kovalenko A.E., Krawczynski R., Laich F., Lechat C., Lopes U.P., Madrid H., Malysheva E.F., Marín-Felix Y., Martín M.P., Mostert L., Nigro F., Pereira O.L., Picillo B., Pinho D.B., Popov E.S., Peláez C.A., Rodas Rooney-Latham S., Sandoval-Denis M., Shivas R.G., Silva V., Stoilova-Disheva M.M., Telleria M.T., Ullah C., Unsicker S.B., van der Merwe N.A., Vizzini A., Wagner H.-G., Wong P.T.W., Wood A.R., Groenewald J.Z.. Fungal Planet description sheets: 320–370.. Persoonia 2015, 34, ingentaconnect, 2015, ISSN:ISSN 0031-5850, DOI:http://dx.doi.org/10.3767/003158515X688433, 167 - 266. ISI IF:5.3
7. Cullen L., Weiser R., Olszak T., Maldonado R., Moreira A., Slachmuylders L., Brackman G., **Paunova-Krasteva Ts.**, Zarnowiec P., Czerwonka G., Reilly J., Drevinek P., Kaca W., Melter O., de Soyza A., Perry A., Winstanley C., **Stoitsova S.**, et.al.. Phenotypic characterization of an

international Pseudomonas aeruginosa reference panel: Strains of cystic fibrosis origin show less in vivo virulence than non-CF strains.. , 2015, ISI IF:2.557

8. Doumanov J., Mladenova K., Topouzova-Hristova T., **Stoitsova S.**, Petrova S.. Vipoxin and its components affect proliferation and cell death in HepG2 cells. Toxicon, 94, 2015, ISSN:0041-0101, DOI:doi: 10.1016/j.toxicon.2014.12.009, 36 - 44. ISI IF:2.942
9. Efferth T., Zacchino S., **Georgiev M.**, Liu L., Wagner H., Panossian A.. Nobel prize for artemisinin brings phytotherapy into the spotlight. Phytomedicine, 22, 13, Elsevier, 2015, A1 - A3. SJR:0.93, ISI IF:3.126
10. Emilova, N., Denchev, S., **Abrashev, R.**, Cakova, A., Stoycheva, M., **Krumova, E.**. Prognostic significance of extracellular superoxide dismutase in acute coronary syndrome - Gender-specific aspects. Comptes Rendus de L'Academie Bulgare des Sciences, 68, 4, 2015, 529 - 536. ISI IF:0.284
11. **Eneva, R**, **Engibarov, S**, **Petrova, P**, **Abrashev, R**, Strateva, T, Kolyovska, V, **Abrashev, I**. High Production of Neuraminidase by a Vibrio cholerae Non-O1 Strain—the First Possible Alternative to Toxigenic Producers. Appl Biochem Biotechnol, 176, Springer, 2015, ISSN:0273-2289, DOI:DOI 10.1007/s12010-015-1584-4, 412 - 427. ISI IF:1.735
12. **Engibarov, S**, **Eneva, R**, **Abrashev, I**. Neuraminidase (sialidase) from Aeromonas sp. strain 40/02 – isolation and partial purification. Annals of Microbiology, 65, 3, Springer, 2015, ISSN:1590-4261, DOI:DOI 10.1007/s13213-014-0990-0, 1515 - 1523. ISI IF:1.01
13. Fiorentin, L. D., Módenes, A. N., Espinoza-Quiñones, F. R., Trigueros, D. E. G., **Kroumov, A. D.**, Manenti, D. R., Borba, C. E.. Biosorption of the reactive blue 5G dye in a fixed bed column packed with orange bagasse: experimental and mathematical modeling. Separation Science and Technology, 50, 15, Taylor & Francis, 2015, ISSN:1520-5754, DOI:10.1080/01496395.2015.1047453, 2267 - 2275. ISI IF:1.2
14. Garimalla, S, Kieber-Emmons, T, **Pashov, A.D.**. The Patterns of Coevolution in Clade B HIV Envelope's N-Glycosylation Sites. PLoS ONE, 10, 2015, ISI IF:3.2
15. **Georgiev, M**, Radziszewska, A, Neumann, M, **Marchev, A**, Alipieva, K, Ludwig-Müller, J. Metabolic alterations of Verbascum nigrum L. plants and SAArT transformed roots as revealed by NMR-based metabolomics. Plant Cell Tissue and Organ Culture, 123, 2, Springer, 2015, DOI:10.1007/s11240-015-0840-1, 349 - 356. ISI IF:2.125
16. Georgieva L., Gadjalova A., Mihailova D., **Pavlov A.**. Achillea milefolium L. - Phytochemical profile and in vitro antioxidant activity.. International Food Research Journal, 22, 4, 2015, 1347 - 1352. SJR:0.379
17. Georgieva, L, Ivanov, I, **Marchev, A**, Aneva, A, Denev, P, **Georgiev, V**, **Pavlov, A**. Protopine production by Fumaria cell suspension cultures: effect of light. Applied Biochemistry and Biotechnology, 176, 1, Springer, 2015, ISSN:1559-0291, DOI:10.1007/s12010-015-1574-6, 287 - 300. ISI IF:1.735
18. Gesheva V, Chausheva S, Stefanova N, **Mihaylova N**, **Doumanova L**, Idakieva K, **Tchorbanov A**. Helix pomatia hemocyanin - a novel bio-adjuvant for viral and bacterial antigens.. , 2015, ISI IF:2.472
19. Grabchev I., Yordanova S., **Vasileva-Tonkova E.**, Bosch P., Stoyanov S.. Poly(propylenamine) dendrimers modified with 4-amino-1,8-naphthalimide: Synthesis, characterization and in vitro microbiological tests of their Cu(II) and Zn(II) complexes.. Inorganica Chimica Acta, 438, 2015, 179 - 188. ISI IF:2.046
20. **Gyurkovska, V**, **Ivanovska, N**. Tyrosine kinase inhibitor tyrphostin AG490 reduces liver injury in LPS-induced shock. European J Pharmacol., 751, 2015, 118 - 126. ISI IF:2.7
21. **Gyurkovska, V**, Philipov, S, Kostova, S, **Ivanovska, N**. Acetylated derivative of glaucine inhibits joint inflammation in collagenase-induced arthritis. Immunopharmacol. Immunotoxicol., 37, 1, 2015, 56 - 61. ISI IF:1.1

22. **Hadzhieva, M**, Dimitrov, JD, **Vassilev, TL**. Induced polyreactivity of heme-exposed pooled human therapeutic IgG (IVIg). Comptes rendus de l'Acade'mie bulgare des Sciences, 68, 7, 2015, ISI IF:0.284
23. **Hadzhieva, M**, **Vassilev, TL**, Roumenina, LT, Bayry, J, Kaveri, SV, Lacroix-Desmazes, S, Dimitrov, JD. Mechanism and functional implications of the heme-induced binding promiscuity of IgE. Biochemistry, 54, 11, 2015, DOI:doi: 10.1021/bi501507m, ISI IF:3.02
24. **Hubenov V. N.**, Mihaylova S. N., **Simeonov I. S.**. Anaerobic co-digestion of waste fruits and vegetables and swine manure in a pilot-scale bioreactor. , 47, 3, 2015, 788 - 792. ISI IF:0.349
25. Isachenko V, Todorov P, Isachenko E, Rahimi G, **Tchorbanov A**, **Mihaylova N**, **Manoylov I**, Mallmann P, Merzenich M. Long-Time Cooling before Cryopreservation Decreased Translocation of Phosphatidylserine (Ptd-L-Ser) in Human Ovarian Tissue.. PLoS One, 2015, ISI IF:3.234
26. Ivanova J., **Kabaivanova, L.**, Petkov. Temperature and irradiance effects on Rhodella reticulata growth and biochemical characteristics.. Russian Journal of Plant Physiology, 2015, ISI IF:0.946
27. Ivanova J., **Kabaivanova, L.**, Petrov P., Yankova S.. Optimization strategies for improved growth, polysaccharide production and storage of the red microalga Rhodella reticulata.. Bulgarian Chemical Communications, 2015, ISI IF:0.349
28. **Ivanovska, N**, Saso, L, **Dimitrova, P**. Kinase inhibitors with redox and anti-inflammatory activities. Current Topics in Medicinal Chemistry, 15, 9, Bentham Science Publishers, 2015, ISSN:18734294, DOI:10.2174/1568026615666150220115838, 872 - 885. SJR:0.99, ISI IF:3.38
29. Karachanak-Yankova, S., Nesheva, D.V., **Galabov, A.S.**, Toncheva, D.. Distribution of East Eurasian Y-chromosome and mitochondrial DNA haplogroups across Eurasia: insights into the genetic ancestry of Bulgarians.. Adv. Anthropol., 5, 2015, ISSN:2163-9361, 205 - 266. ISI IF:0.8
30. **Kroumov, A. D.**, **Zaharieva, M. M.**, Beshkov, V.. Ethanol from Cellulosic Biomass with Emphasis of Wheat Straw Utilization. Analysis of Strategies for Process Development. Int. J. Bioautomation, 19, 4, 2015, ISSN:1314-2321, 483 - 506. IF:0.228
31. **Lazarkevich I.,**, **2. Sotirova A.,**, Avramova T.,, **Stoitsova S.,**, **Paunova-Krasteva T.,**, Galabova D.,. Antibacterial activity of methyltiosulfonate and its complexes with rhamnolipid and trehalose lipid against Pseudomonas aeruginosa NBIMCC 1390. , 2015, ISI IF:0.35
32. Lecerf, M., Scheel, T., **Pashov, A.D.**, Jarossay, A., Ohayon, D., Planchais, C., Mesnage, S., Berek, C., Kaveri, S.V., Lacroix-Desmazes, S., Dimitrov, J.D.. Prevalence and Gene Characteristics of Antibodies with Cofactor-induced HIV-1 Specificity.. J Biol Chem, 290, 8, 2015, 5203 - 5213. ISI IF:4.3
33. Mantareva V., Eneva I., **Kussovski V.**, Borisova E., Angelov I.. Antimicrobial photodisinfection with Zn(II) phthalocyanine adsorbed on TiO2 upon UVA and red irradiation. Proceedings of SPIE - The International Society for Optical Engineering, © 2015 SPIE, 2015, ISSN:ISSN: 0277-786X, DOI:DOI: 10.1117/12.2084307, SJR:0.212
34. **Markova N**, **Slavchev G**. Presence of mycobacterial L-forms in human blood: Challenge of BCG vaccination. Human Vaccines & Immunotherapeutics, 11, 5, Taylor and Francis, 2015, ISSN:2164-5515, DOI:10.1080/21645515.2015.1016682, 1192 - 1200. ISI IF:2.366
35. **Markova N**. Novel antibacterial electrospun materials based on polyelectrolyte complexes of a quaternized chitosan derivative. RSC Advances, 67, 5, Royal Society of Chemistry, 2015, ISSN:2046-2069, DOI:10.1039/C5RA08484A, 54517 - 54526. ISI IF:3.84
36. **Miteva-Staleva, J.**, **Krumova, E.**, **Stefanova, T.**, **Angelova, M.**. Age-related changes in reactive oxygen species production in the filamentous fungus Penicillium rugulosum T35 under cold stress conditions. Comptes Rendus de L'Academie Bulgare des Sciences, 68, 9, 2015, 1123 - 1128. ISI IF:0.284
37. Mladenova K, Petrova S., Moskova-Doumanova V., Topouzova-Hristova T., **Stoitsova S.**, Tabashka I., Chakarova C., Lalchev Z., Doumanov J.. Transepithelial resistance in human bestrophin-1 stably transfected Madin-Darby canine kidney cells.. Biotechnol Biotechnol Equipment, 29, 2015, ISSN:1310-2818 (Print), 1314-3530 (Online), 101 - 104. ISI IF:0.3

38. Moussa, M, Arrode-Brusés, G, **Manoylov, I**, Malogolovkin, A, Mompelat, A, Ishimwe, H, Smaoune, A, Ouzrout, B, Gagnon, J, Chebloune, Y. A novel non-integrative single-cycle chimeric HIV lentivector DNA vaccine. Vaccine, 2015, ISSN:0264-410X, DOI:doi:10.1016/j.vaccine. 2015.03.021, 2273 - 2282. SJR:1.74, ISI IF:3.624
39. Murthy H.N., **Georgiev M.I.**, Park S-Y., Dandin V.S., Paek K-Y.. The safety assessment of food ingredients derived from plant cell, tissue and organ cultures: A review. Food Chemistry, 176, Elsevier, 2015, 426 - 432. SJR:1.42, ISI IF:3.391
40. Módenes, A. N., Espinoza-Quiñones, F. R., Geraldi, C. A.Q., Manenti, D. R., Oliveira, A. P. de, Borba, C. E., **Kroumov, A. D.**. Assessment of the banana pseudostem as low-cost biosorbent for removal of the reactive blue 5G dye. Environmental Technology, 36, 22, 2015, ISSN:0959-3330 (Print), 1479-487X (Online), DOI:10.1080/09593330.2015.1051591, 2892 - 2902. ISI IF:1.2
41. Módenes, A. N., Scheufele, F. B., Espinoza-Quiñones, F. R., Souza, P. S. C. de, Cripa, C. R. B., Santos, J. dos, Steffen, V., **Kroumov, A. D.**. Adsorption of direct of yellow ARLE dye by activated carbon of shell of coconut palm: Kinetics, equilibrium and mechanism study. International Journal Bioautomation, 19, 2, BAS, Institute of Biophysics and Biomedical Engineering, 2015, ISSN:1314-2321, 187 - 206. SJR:0.228
42. Pavlova I., **Danova S.**, **Najdenski H.**, **Tropcheva R.**, Milanova A.. Effect of probiotics on enrofloxacin disposition in gastrointestinal tract of poultry. J. Vet. Pharm. Therap., 38, 6, John Wiley & Sons Ltd., 2015, ISSN:1365-2885, DOI:10.1111/jvp.12232, 549 - 555. ISI IF:1.189
43. Pavlova V., **Paunova-Krasteva Ts.**, **Stoitsova S.**, Nikolova E.. Distribution patterns of carbohydrates in murine glycocalyx.. , 2015, DOI:doi: 10.1080/13102818.2014.999214, ISI IF:0.3
44. **Petrova P.**, **Velikova P.**, Popova L., Petrov K.. Direct conversion of chicory flour into L(+)-lactic acid by the highly effective inulinase producer Lactobacillus paracasei DSM 23505. Bioresource Technology, 186, June, Elsevier Ltd., 2015, ISSN:0960-8524, DOI:10.1016/j.biortech.2015.03.077, 329 - 333. SJR:2.199, ISI IF:4.494
45. Poehlein, Anja, Daniel, Rolf, **Simeonova, Diliana D.**. Genome sequence of Pedobacter glucosidilyticus DD6b, isolated from zooplankton Daphnia magna.. Standards in genomic sciences, 10, 2015, ISSN:ISSN:1944-3277, DOI:DOI:10.1186/s40793-015-0086-x, SJR:0.574
46. **Radchenkova N**, **Vassilev S**, Panchev I, Kuncheva M, Dobreva S, **Kambourova M**. Continuous cultivation of a thermophilic bacterium Aeribacillus pallidus 418 for production of an exopolysaccharide applicable in cosmetic creams. J Appl Microbiol., 2015, ISI IF:2.4
47. Raynova, Y, **Doumanova, L**, Idakieva, K. Phenoloxidase activity of helix aspersa maxima (Garden Snail, Gastropod) Hemocyanin. Protein Journal, 32, 8, 2015, ISSN:1572-3887, DOI:DOI: 10.1007/s10930-013-9523-0, 609 - 618. ISI IF:0.912
48. **Rositsa Tropcheva**, Nedyalko Lesev, **Svetla Danova**, **Stoyanka Stoitsova**, Stefka Kaloyanova. Novel cyanine dyes and homodimeric styryl dyes as fluorescent probes for assessment of lactic acid bacteria cell viability. Journal of Photochemistry and Photobiology B: Biology, 2015, ISSN:1011-1344, DOI:10.1016/j.jphotobiol.2015.01.002, 120 - 129. ISI IF:2.96
49. Schneider, C., Smith, D.F., Cummings, R.D., Boligan, K.F., Hamilton, R.G., Bochner, B.S., Miescher, S., Simon, H.-U., **Pashov, A.**, **Vassilev, T.**, von Gunten, S.. The human IgG anti-carbohydrate repertoire exhibits a universal architecture and contains specificity for microbial attachment sites.. Science Translational Medicine, 7, 269, 2015, ISI IF:16
50. Staneva D., Atanasova D., **Vasileva-Tonkova E.**, Lukanova V., Grabchev I.. A cotton fabric modified with a hydrogel containing ZnO nanoparticles. Preparation and properties study.. Applied Surface Science, 345, 2015, ISSN:0169-4332, 72 - 80. ISI IF:2.711
51. Staneva D., **Vasileva-Tonkova E.**, Makki M.S.I., Sobahi T.R., Abdel-Rahman R.M., Asiri A.M., Grabchev I.. Synthesis, photophysical and antimicrobial activity of new water soluble ammonium quaternary benzanthrone in solution and in polylactide film.. Journal of Photochemistry and Photobiology B: Biology, 2015, ISSN:1011-1344, ISI IF:2.96
52. Staneva D., **Vasileva-Tonkova E.**, Makki M.S.I., Sobahi T.R., Abdel-Rahman R.M., Boyaci I.H., Asiri A.M., Grabchev I.. Synthesis and spectral characterization of a new PPA dendrimer modified

with 4-bromo-1,8-naphthalimide and in vitro antimicrobial activity of its Cu(II) and Zn(II) metal complexes.. Tetrahedron, 71, 7, 2015, ISSN:0040-4020, 1080 - 1087. ISI IF:2.641

53. **Stoyanova, A.**, **Nikolova, I.**, **Galabov, A.S.**. Effect of consecutive alternating administration (CAA) of a triple anti-enteroviral combination on Coxsackievirus B1 neuroinfection in mice. Antiviral Research, 121, Elsevier, 2015, ISSN:0166-3542, DOI:http://dx.doi.org/10.1016/j.antiviral.2015.07.004, 138 - 144. SJR:1.399, ISI IF:3.938
54. **Stoykov Y.**, **Pavlov A.**, Krastanov A.. Chitinase biotechnology: Production, purification and application. Engineering in Life Sciences, 15, 1, 2015, 30 - 38. ISI IF:2.49
55. Taşkın G., Durmuş M., Yüksel F., Mantareva V., **Kussovski V**, Angelov I., Atilla D.. Axially paraben substituted silicon(IV) phthalocyanines towards dental pathogen Streptococcus mutans: Synthesis, photophysical, photochemical and in vitro properties. Journal of Photochemistry and Photobiology A: Chemistry, 306, ELSEVIER SCIENCE SA, PO BOX 564, 1001 LAUSANNE, SWITZERLAND, 2015, ISSN:ISSN: 1010-6030, DOI:DOI: 10.1016/j.jphotochem.2015.03.010, 31 - 40. ISI IF:2.495
56. **Teneva-Angelova Ts.**, **Beshkova D.**. Non-traditional sources for isolation of lactic acid bacteria. Annals of Microbiology, 2015, DOI:10.1007/s13213-015-1127-9, SJR:0.39, ISI IF:0.99
57. Tomova I., **Stoilova-Disheva M.**, **Lazarkevich I.**, **Vasileva-Tonkova E.**. Antimicrobial activity and resistance to heavy metals and antibiotics of heterotrophic bacteria isolated from sediment and soil samples collected from two Antarctic islands.. Frontiers in Life Science, 2015, DOI:DOI: 10.1080/21553769.2015.1044130, ISI IF:0.29
58. **Valcheva V.**. Prevalence of Latin-American-Mediterranean genetic family in population structure of Mycobacterium tuberculosis in Bulgaria. International Journal of Mycobacteriology, 4, 3, Elsevier, 2015, ISSN:2212-5531, DOI:http://dx.doi.org/10.1016/j.ijmyco.2015.04.003, 191 - 195. SJR:0.167
59. **Valcheva V.**. Design, Synthesis, and Antimycobacterial Activity of Novel Theophylline-7-Acetic Acid Derivatives with Amino Acid Moieties. Chemical biology & drug design, Wiley Online Library, 2015, ISSN:1747-0285, DOI:10.1111/cbdd.12676, ISI IF:2.485
60. **Valcheva V.**. Growth stimulation of Bacillus cereus and Pseudomonas putida using nanostructured ZnO thin film as transducer element. Journal of Nanoparticle Research, 17, 125, Springer, 2015, ISSN:1572-896X, 1 - 7. ISI IF:2.184
61. Xiao J., **Georgiev M.I.**. The international symposium on phytochemicals in medicine and food (ISPMF 2015): an introduction. Fooc Chemistry, 186, 1, Elsevier, 2015, SJR:1.42, ISI IF:3.391
62. Yakovlieva, M, Tacheva, T, Mihaylova, S, **Tropcheva, R**, Trifonova, K, Tolekova, A., **Danova, S**, Vlaykova, T. Influence of Lactobacillus brevis 15 and Lactobacillus plantarum 13 on blood glucose and body weight in rats after high-fructose diet. Beneficial Microbes, 6, 4, 2015, ISSN:1365-2885, DOI:10.1111/jvp.12232, 505 - 512. ISI IF:1.189
63. Yakub G., Toncheva A., Manolova N., Rashkov I., Danchev D., **Kussovski V.**. Electrospun polylactide-based materials for curcumin release: Photostability, antimicrobial activity, and anticoagulant effect. Journal of Applied Polymer Science, 133, 5, WILEY-BLACKWELL, 111 RIVER ST, HOBOKEN 07030-5774, NJ USA, 2015, ISSN:ISSN: 0021-8995; eISSN: 1097-4628, DOI:DOI: 10.1002/app.42940, ISI IF:1.768
64. Yildiz, S. Y., **Radchenkova, N.**, Arga, K. Y., **Kambourova, M.**. Genomic analysis of Brevibacillus thermoruber 423 reveals its biotechnological and industrial potential. Applied Microbiology and Biotechnology, 2015, ISI IF:3.337
65. Yordanova S., Temiz H.T., Boyaci I.H., Stoyanov S., **Vasileva-Tonkova E.**, Asiri A., Grabchev I.. Synthesis, characterization and in vitro antimicrobial activity of a new blue fluorescent Cu(II) metal complex of bis-1,8-naphthalimide.. Journal of Molecular Structure, 1101, 2015, 50 - 56. ISI IF:1.602
66. **Zahmanov G.**, Alipieva K.I., Denev P., Todorov D., Hinkov A., Shishkov S., Simova S., **Georgiev M.I.**. Flavonoid glycosides profiling in dwarf elder fruits (Sambucus ebulus L.) and

evaluation of their antioxidant and anti-herpes simplex activities. Industrial Crops and Products, Elsevier, 2015, 58 - 64. SJR:1.002, ISI IF:2.837

67. **Zahmanov G.**, Alipieva K.I., Simova S., **Georgiev M.I.**. Metabolic differentiations of dwarf elder by NMR-based metabolomics. Phytochemistry Letters, 11, Elsevier, 2015, ISSN:1874-3900, 404 - 409. SJR:0.543, ISI IF:1.45

E03/2.2: Научни публикации, включени в издания с импакт фактор IF (Web Of Science) или импакт ранг SJR (SCOPUS) - приети за печат

1. **Djoumerska-Alexieva, I**, Roumenina, L, **Pashov, A**, Dimitrov , J, **Hadzhieva, M**, Lindig, S, Voynova, E, **Dimitrova, P**, **Ivanovska, N**, Bockmeyer, C, Stefanova, Z, Fitting, C, Bläss, M, Ralf, S, von Guten, S, Kaveri, S, Cavillon, J-M, Bauer, M, **Vassilev, T**. Intravenous Immunoglobulin with Enhanced Polyspecificity Improves Survival in Experimental Sepsis and Aseptic Systemic Inflammatory Response Syndromes. Molecular Medicine, приета за печат: 2015, DOI:DOI: 10.2119/molmed, ISI IF:4.5
2. **Gouliamova D.**, Dimitrov R., Smith M., Groenewal M., **Stoilova-Disheva M. M.**, Guéorguiev B., Boekhout T.. DNA barcoding revealed Nematodospora valgi gen. nov., sp. nov. and Candida cetoniae sp. nov. in the Lodderomyces clade. Elsevier, приета за печат: 2015, DOI:doi:10.1016/j.funbio.2015.05.008, ISI IF:2.342
3. Jarossay, A, **Hadzhieva, M**, Kaveri, SV, Lacroix-Desmazes S, Dimitrov, JD. Natural and induced antibody polyreactivity. Anticancer Agents Med Chem, 15, 10, приета за печат: 2015, ISI IF:2.469
4. **Kroumov, A. D.**, **Zaharieva, M. M.**, Beshkov, V.. Ethanol from Cellulosic Biomass with Emphasis of Wheat Straw Utilization. Analysis of Strategies for Process Development. Int. J. Bioautomation, 19, 4, приета за печат: 2015, ISSN:1314-2321, 483 - 506. IF:0.228
5. **Marchev, A**, Dinkova-Kostova, A, György, Z, Mirmazloum, I, Aneva, Y, **Georgiev, M**. Rhodiola rosea L.: from golden root to green cell factories. Phytochemistry Reviews, Springer, приета за печат: 2015, SJR:0.783, ISI IF:2.407
6. Módenes, A. N., Scheufele, F. B., Barbosa, J. C., Andreia, C., Trigueros, D. E. G., Espinoza-Quiñones, F. R., Hinterholz, C. L., **Kroumov, A. D.**. Assessment of kinetic, equilibrium and thermodynamic of black Krom KJR dye adsorption onto aquatic macrophyte Pistia stratiote. Environmental Engineering and Management Journal, приета за печат: 2015, ISSN:1582-9596, ISI IF:1.065
7. Vrancheva R., Ivanov I., Aneva I., Dincheva I., Badjakov I, **Pavlov A.**. Alkaloid profiles and acetylcholinesterase inhibitory activities of Fumaria species from Bulgaria. Zeitschrift fuer Naturforschung, приета за печат: 2015, ISI IF:0.79

E03/3.1: Научни статии, които не са реферирани и индексирани в световната система за реферирање и индексирање - излезли от печат

1. **Abrashev A.**, Dolashka P., **Angelova M.**. Temperature pre-treatment modulates oxidative protection of Aspergillus niger cells stressed by paraquat and hydrogen peroxide. Acta Microbiologica Bulgarica, 31, 2, 2015, 132 - 140
2. Alexandrov, S., Iliev. I., Gacheva, G., **Kroumov, A. D.**, Pilarski, P., Petkov, G.. Review-Could Algae Be A Real Source Of Fuel?. Genetics and Plant Physiology, 5, 2, BAS, Institute of Plant Physiology and Genetics, 2015, ISSN:1314-5770, 105 - 122
3. **Alexieva Z.**, **Gerginova M.**, **Litova K.**, **Manasiev J.**, **Peneva N.**. Sequence analyses of genes coding key enzymes responsible for degradation of phenolic compounds by Aspergillus fumigatus strain AL3. J. BioSci. Biotechnol., SE/ONLINE, 2015, ISSN:ISSN: 1314-6246, 195 - 203
4. Andrew B. Onderdonk, **Rositsa Tropcheva**, Haralabia Boleti, Petko Petkov. Antibacterial activity of Lactobacillus bulgaricus G-LB-44. Acta Microbiologica Bulgarica, 31, 1, 2015, ISSN:0204-8809, 71 - 72
5. Delenk, H, Haas, C, Gantz, S, **Marchev, A**, **Pavlov, A**, Steudler, S, Unbehaun, H, Steingroewer, J, Bley, T, Wagenführ, A. Influence of Salvia officinalis L. hairy roots derived phenolic acids on the growth of Chaetomium globosum and Trichoderma viride. Pro Lingo, 11, 4, 2015, ISSN:2069-7430

6. Denchev D., **Kabaivanova, L.**. Resistance of yeast and actinomycete populations at cultivation in a medium with insecticides.. Ecological Engineering amd Environmental Protection, 2015
7. Denchev D., Pepelyasheva D., **Kabaivanova, L.**. Microbial food product rich in selenium.. , 2015
8. Doychinova M., **Kussovski V.**, Tonchev T., Dimitrov S.. Photodynamic inactivation of human dental biofilm isolated Streptococcus mutans with 2 photosensitizers – an in vitro study. Scripta Scientifica Medica, vol. 47, No 1, 2015, 13-19, 47, 1, Copyright © Medical University of Varna, 2015, DOI:10.14748/ssm.v47i1.1067, 13 - 19
9. **G. Stoyancheva**, **E. Chorukova**. Lactobacillus gasseri G7- a bacteriocinogenic strain isolated from vaginal sample. Annuaire de l'Université de Sofia "St. Kliment Ohridski", 100, 4, PRESSES UNIVERSITAIRE "ST. KLIMENT OHRIDSKI", 2015, ISSN:0204–9902, 154 - 163
10. **Galabov, A.S.**, Gesheva, V., Negoita, T.. Viruses in Antarctic habitats: occurrence and ecological importance.. Acta Microbiologica Bulgarica, 31, 2015, ISSN:0204-8809, 12 - 20
11. **Galabov, A.S.**, Uzunov, S., Hadjiathanassova, V., Velichkova, E., Dosseva-Runevska, P., Gegova, G.. Anti-influenza virus activity of 1-(4-morpholinomethyl)-tetrahydro-2(1H)-pyrimidinone (Mopyridone). Acta Microbiologica Bulgarica, 31, 2, 2015, ISSN:0204-8809
12. **Ganova, P**, **Gyurkovska, V**, **Ivanovska, N**. Tumour necrosis factor-related apoptosis inducing ligand (TRAIL) as an arthritic marker in a model of osteoarthritis. SIXTH WORKSHOP ON EXPERIMENTAL MODELS AND METHODS IN BIOMEDICAL RESEARCH, 2015, ISSN:1314-9091, 21 - 25
13. Georgieva L., Ivanov I., Denev P., **Pavlov A.**. Nutrient medium optimization for protopine production in Fumaria rostelata plant cell suspension. Scientific works of University of Food Technologies, 62, 2015, 490 - 493
14. Georgieva, A., Tzvetanova, E., Alexandrova, A., Nenkova, G., **Mileva, M.**. LIPID PEROXIDATION IN LIPOSOMES. PROCEEDINGS OF THE SIXTH WORKSHOP ON EXPERIMENTAL MODELS AND METHODS IN BIOMEDICAL RESEARCH, 2015, ISSN:ISSN 1314-9091, 153 - 161
15. Georgieva, L, Ivanov, I, **Marchev, A**, Aneva, I, **Georgiev, V**, Denev, P, **Pavlov, A**. Initiation and selection of callus cultures from Fumaria rostellata Kanf. as potential producers of isoquinoline alkaloids. Scientific Bulletin. Series F. Biotechnologies, XIX, 2015, 52 - 57
16. Gryshko V.M., Korinovskay A., **Angelova M.**, **Krumova E.**. Sensitivity to heavy metals compounds of some micromycetes isolated from soils of Ukraine and Bulgaria. Scientific conference "Soil Biology and Ecology, Lviv, 14-16 October 2015, 2015
17. **Hubenov V. N.**, Mihaylova S. N., **Simeonov I. S.**. Anaerobic co-digestion of waste fruits and vegetables and swine manure in a pilot-scale bioreactor. , 47, 3, 2015, 788 - 792. ISI IF:0.349
18. Isachenko V, Todorov P, Isachenko E, Rahimi G, **Tchorbanov A**, **Mihaylova N**, **Manoylov I**, Mallmann P, Merzenich M. Long-Time Cooling before Cryopreservation Decreased Translocation of Phosphatidylserine (Ptd-L-Ser) in Human Ovarian Tissue.. PLoS One, 2015, ISI IF:3.234
19. Ivanova J., **Kabaivanova, L.**. Red Microalga Rhodella reticulata - potential source of food additives.. , 2015
20. Ivanova, A.P, Tsonev, T.D., Peeva, V.N., Maslenkova, L.T., **Najdenski, H.M.**, **Tsvetkova, I.V.**, Babenko, L.M., Shcherbatiuk, M.M., Sheiko, O.A., Kosakivska, I.V.. Euhalophyte Eryngium maritimum L.: the microstructure and functional characteristics.. JOURNAL OF STRESS PHYSIOLOGY & BIOCHEMISTRY, том 11, Выпуск № 3, "Vikol publishing" ИП Колесниченко В.В., 2015, ISSN:1997-0838, 52 - 61
21. **Kambourova M**, Toksoy Oner E. , A. Poli. Exopolysaccharides from Prokaryotic Microorganisms—Promising Sources for White Biotechnology Processes.. Industrial biorefineries and white biotechnology, Elsevier, Amsterdam, Netherlands, 2015, ISBN:978-0-444-63453-5
22. **Kroumov, A. D.**, Módenes, A. N., Trigueros, D. E.G.. A complex Theoretical Approach for Algal Medium Optimization for CO2 Fixation from Flue Gas. Acta Microbiologica Bulgarica, 31, 1, 2015, ISSN:0204-8809, 61 - 70

23. **Krumova E.**, **Jeny Miteva-Staleva**, **Nedelina Kostadinova**, Olga Korinovska, **Radoslav Abrashev**, **Boryana Spasova**, **Maria Angelova**. Effect of Cadmium Ions on the Fungal Strain Aspergillus fumigatus 32 Isolated from Metal Polluted Soil. Acta microbiologica, 31, 1, 2015, ISSN:0204-8809, 40 - 47
24. **M.Kamburova,**. Surface active properties of a newly synthesized biopolymer from halophilic microorganisms. Scientific works UFT, "Food science, engineering and technologies" , Plovdiv, v. LXII, 2015, 487-489, 2015, ISSN:1314-7102.
25. **Marchev, A**, Ivanov, I, Denev, P, Nikolova, M, Gochev, V, Stoyanova, A, **Pavlov, A**, **Georgiev, V**. Acetylcholinesterase inhibitory, antioxidant, and antimicrobial activities of Salvia tomentosa Mill. essential oil. Journal of Bioscience and Biotechnology, 4, 2, 2015, ISSN:1314-6246, 219 - 229
26. Pavlova V., **Paunova-Krasteva Ts.**, **Stoitsova S.**, Nikolova E.. Distribution patterns of carbohydrates in murine glycocalyx.. , 2015, DOI:doi: 10.1080/13102818.2014.999214, ISI IF:0.3
27. Petkova N., Vrancheva R., Mihaylova D., Ivanov I., **Pavlov A.**, Denev P.. Antioxidant activity and fructan content in root extracts from elecampane (Inula helenium L.).. Journal of Bioscience and Biotechnology, 4, 1, 2015, 101 - 107
28. Petrov, N. M., **Galabov, A.S.**. RNAi - strategy to control viral infections in eukaryotic organisms. - Acta Microbiologica Bulgarica. , 31, 2015, ISSN:0204-8809, 21 - 31
29. Popova, L., Petrov, K., **Petrova, P.**. Construction of a new shuttle vector PZT1 applicable to hosts Escherichia coli and the ethanol producing Zymomonas mobilis. ECOLOGICAL ENGINEERING AND ENVIRONMENT PROTECTION, 5, 2, National Society of Ecological Engineering and Environment Protection, 2015, 19 - 23
30. Raynova Y, **Marchev, A**, **L. Doumanova**, **A. Pavlov**. ANTIOXIDANT ACTIVITY OF HELIX ASPERSA MAXIMA (GASTROPOD) HEMOCYANIN. Acta Microbiologica, 31, 2, СУБ, 2015, ISSN:ISSN:0204-8809, 127 - 131
31. **Rusinova-Videva, S**. Purification of arabinomannan synthesized by Cryptococcus laurentii AL100. Acta Microbiologica Bulgarica, 31, 2, 2015, 141 - 144
32. Schink, B., **Simeonova, Diliana D.**. Chapter 13. GEOMICROBIAL INTERACTIONS WITH PHOSPHORUS. Ehrlich's Geomicrobiology, Sixth Edition, CRC Press 2015, 2015, ISBN:ISBN: 978-1-4665-924, 15, 265 - 279
33. Staneva, R.G., Balabanski, L., Dimova, I., Rukova, B., Hadjidekova, S., Dimitrov. P., Simeonov, V., Ivanov, S., Vagarova, R., Malinov, M., Cukuranovic, R., Stefanovic, V., Polenakovic, M., Djonov, V., **Galabov, A.S.**, Toncheva, D.. Genetic, genomic and epigenomic studies of Balkan Endemic Nephropathy (BEN). Prilozi/Contributions, 25, 2015, ISSN:1857-9345
34. **Stoyanova, A.**, **Galabov, A.S.**. Enteroviruses and perspectives for etiotropic therapy of enteroviral infections.. Acta Microbiologica Bulgarica, 31, 2, 2015, ISSN:0204-8809, 93 - 106
35. **Teneva-Angelova Ts.**, **Beshkova D.**. Genus Salvia – ecosystem for isolation of lactic acid bacteria. Journal of Microbiology, Biotechnology and Food Sciences, 5, 2, 2015, ISSN:1338-5178, 103 - 108
36. **Teneva-Angelova Ts.**, **Beshkova D.**. Resistance profile of plant-derived lactic acid bacteria against herb extracts. Scientific Bulletin. Series F. Biotechnologies, XIX, 2015, ISSN:2285-1364, 109 - 116
37. **Tsvetanova Z.**, Korsachka M., Marinski J.. Water quality assessment of the Bourgas port waters. Sustainable Development of Sea-Corridors and Coastal Waters, Springer, 2015, ISBN:978-3-319-11384-5;, DOI:10.1007/978-3-319-11385-2, 57 - 66
38. **Tsvetelina Paunova-Krasteva**, Radka Ivanova, Cristina DeCastro, Antonio Molinaro, **Stoyanka R. Stoitsova**. Promotion of the Synthesis of a Concanavalin A-reactive Polysaccharide Upon Growth of Escherichia coli O157:H(-) on Solid Medium at 37oC. Acta Microbiologica Bulgarica, 31, 2015, ISSN:0204-8809, 122 - 126
39. **Гълъбов, А.С.**. Лечение на сезонния грип и основи на профилактиката за 2015 - 2016. Медик Арт, 9, 5, 2015, ISSN:1312-9384, 4 - 8
40. **Димитрова, А.**, **Милева, М.**, Кръстев, Д., **Гълъбов, А. С.**. Some features in experimental influenza viral infection in mice and adequate markers used for their assaying. Proceedings of the

sixth workshop on experimental models and methods in biomedical research, 2015, ISSN:1314-9091

41. Пехливанова В., **Кабаиванова Л.**, Иванова Ю., Николова Б.. Имунофлуоресцентно проследяване ефекта на полизахарид изолиран от щам Rhodella reticulata и/или електропорация върху реорганизацията на актиновия цитоскелет на ракови клетки.. , 2015
42. **Симеонов И.**, Денчев Д., **Хубенов В.**, Михайлова С., **Чорукова Е.**. Изследване влиянието на ултразвук при анаеробна биодеградация на отпадъчни плодове и зеленчуци. Екологично инженерство и опазване на околната среда, 4, 2015, ISSN:1311-8668, 73 - 80
43. **Симеонов, И.**, Денчев, Д., **Чорукова, Е.**. Моделиране и оптимизация на процесите на анаеробна биодеградация на органични отпадъци с получаване на водород и метан. Управление на енергийни, индустриални и екологични системи, 2015, 55 - 58
44. **Хубенов В.**, Денчев Д., **Симеонов И.**. Влияние на съотношението C/N върху процес на анаеробна биодеградация на говежди тор. , 2015, 64 - 72

E03/3.2: Научни статии, които не са реферирани и индексирани в световната система за реферирание и индексиране - приети за печат

1. **Gyurkovska, V**, **Ganova, P**, **Ivanovska, N**. Osteoclast formation is delayed in the absence of functional complement actity in a model of rheumatoid arthrits.. In: Osteoclasts: Cell Biology, Functions and Related Diseases, Nova Publishing, приета за печат: 2015, ISBN:978-1-63483-927-3
2. **Kambourova, M.**, **Radchenkova, N.,**, **Bojadjieva, I.**. Thermophiles as a Promising Source of Exopolysaccharides with Interesting Properties. Biotechnology of Extremophiles: Advances and Challenges (Pabulo, R., Ed.), Springer, 2016, ISBN:978-3-319-13521-2
3. **Kamburova M.,**, **Radchenkova N.**, **Boyadzhieva I.**, Panchev I. , Kuncheva M., Kovacheva D. Physical characteristics of exopolysaccharide synthesized from halophilic microorganisms of the Chromohalbactre canadensys STRAIN.. Съюза на учените в България, 2016
4. **Marchev, A**, **Georgiev, M**. Plant Cell Bioprocesses. Current Developments in Biotechnology and Bioprocessing, Elsevier, приета за печат: 2015

E03/9.1: Съвместни научни публикации с чуждестранни учени - излезли от печат

1. Andrew B. Onderdonk, **Rositsa Tropcheva**, Haralabia Boleti, Petko Petkov. Antibacterial activity of Lactobacillus bulgaricus G-LB-44. Acta Microbiologica Bulgarica, 31, 1, 2015, ISSN:0204-8809, 71 - 72
2. Birner, P., **Tchorbanov, A.**, Natchev, S., Tuettenberg, J., Guentchev, M.. The chemokine receptor CXCR7 influences prognosis in human glioma in an IDH1 dependent manner.. J Clin Pathology, 68, 10, 2015, DOI:DOI: 10.1136/jclinpath-2015-202886, 830 - 834. ISI IF:2.915
3. **Christova N.,**, Siegmund Lang, Victor Wray, Kaloyan Kaloyanov,, Spiro Konstantinov, Ivanka Stoineva.. Production, structural elucidation and in vitro antitumor activity of trehalose lipid biosurfactant from Nocardia farcinica strain.. Journal of Microbiology and Biotechnology,, 25, 4, 2015, ISSN:1017-7825, DOI:jmb.1406.06025, 439 - 447. ISI IF:1.32
4. Crous P.W., Wingfield M.J., Guarro J., Hernández-Restrepo M., Sutton D.A, Acharya K., Barber P.A., Boekhout T, Dimitrov R.A., Dueñas M., Dutta A.K, Gené J., **Gouliamova D.E**, Groenewald M., Lombard L., Morozova O.V., Sarkar J., Smith M.TH., Stchigel A.M., Wiederhold N.P., Alexandrova A.V., Antelmi I., Armengol J., Barnes I., Cano-Lira J.F., Ruiz R.F. Castañeda, Contu M., Courtecuisse Pr.R., da Silveira A.L., Decock C.A., de Goes A., Edathodu J., Ercole E., Firmino A.C., Fourie A., Fournier J., Furtado E.L., Geering A.D.W., Gershenzon J., Giraldo A., Gramaje D., Hammerbacher A., He X.-L., Haryadi D., Khemmuk W., Kovalenko A.E., Krawczynski R., Laich F., Lechat C., Lopes U.P., Madrid H., Malysheva E.F., Marín-Felix Y., Martín M.P., Mostert L., Nigro F., Pereira O.L., Picillo B., Pinho D.B., Popov E.S., Peláez C.A., Rodas Rooney-Latham S., Sandoval-Denis M., Shivas R.G., Silva V., Stoilova-Disheva M.M., Telleria M.T., Ullah C., Unsicker S.B., van der Merwe N.A., Vizzini A., Wagner H.-G., Wong P.T.W., Wood A.R., Groenewald J.Z.. Fungal Planet description sheets: 320–370.. Persoonia 2015,

34, ingentaconnect, 2015, ISSN:ISSN 0031-5850, DOI:http://dx.doi.org/10.3767/003158515X688433, 167 - 266. ISI IF:5.3

5. Cullen L., Weiser R., Olszak T., Maldonado R., Moreira A., Slachmuylders L., Brackman G., **Paunova-Krasteva Ts.**, Zarnowiec P., Czerwonka G., Reilly J., Drevinek P., Kaca W., Melter O., de Soyza A., Perry A., Winstanley C., **Stoitsova S.**, et.al.. Phenotypic characterization of an international Pseudomonas aeruginosa reference panel: Strains of cystic fibrosis origin show less in vivo virulence than non-CF strains.. , 2015, ISI IF:2.557
6. Delenk, H, Haas, C, Gantz, S, **Marchev, A**, **Pavlov, A**, Steudler, S, Unbehaun, H, Steingroewer, J, Bley, T, Wagenführ, A. Influence of Salvia officinalis L. hairy roots derived phenolic acids on the growth of Chaetomium globosum and Trichoderma viride. Pro Lingo, 11, 4, 2015, ISSN:2069-7430
7. Efferth T., Zacchino S., **Georgiev M.**, Liu L., Wagner H., Panossian A.. Nobel prize for artemisinin brings phytotherapy into the spotlight. Phytomedicine, 22, 13, Elsevier, 2015, A1 - A3. SJR:0.93, ISI IF:3.126
8. Fiorentin, L. D., Módenes, A. N., Espinoza-Quiñones, F. R., Trigueros, D. E. G., **Kroumov, A. D.**, Manenti, D. R., Borba, C. E.. Biosorption of the reactive blue 5G dye in a fixed bed column packed with orange bagasse: experimental and mathematical modeling. Separation Science and Technology, 50, 15, Taylor & Francis, 2015, ISSN:1520-5754, DOI:10.1080/01496395.2015.1047453, 2267 - 2275. ISI IF:1.2
9. **Galabov, A.S.**, Gesheva, V., Negoita, T.. Viruses in Antarctic habitats: occurrence and ecological importance.. Acta Microbiologica Bulgarica, 31, 2015, ISSN:0204-8809, 12 - 20
10. Garimalla, S, Kieber-Emmons, T, **Pashov, A.D.**. The Patterns of Coevolution in Clade B HIV Envelope's N-Glycosylation Sites. PLoS ONE, 10, 2015, ISI IF:3.2
11. **Georgiev, M**, Radziszewska, A, Neumann, M, **Marchev, A**, Alipieva, K, Ludwig-Müller, J. Metabolic alterations of Verbascum nigrum L. plants and SAArT transformed roots as revealed by NMR-based metabolomics. Plant Cell Tissue and Organ Culture, 123, 2, Springer, 2015, DOI:10.1007/s11240-015-0840-1, 349 - 356. ISI IF:2.125
12. Georgieva, L, Ivanov, I, **Marchev, A**, Aneva, A, Denev, P, **Georgiev, V**, **Pavlov, A**. Protopine production by Fumaria cell suspension cultures: effect of light. Applied Biochemistry and Biotechnology, 176, 1, Springer, 2015, ISSN:1559-0291, DOI:10.1007/s12010-015-1574-6, 287 - 300. ISI IF:1.735
13. Grabchev I., Yordanova S., **Vasileva-Tonkova E.**, Bosch P., Stoyanov S.. Poly(propylenamine) dendrimers modified with 4-amino-1,8-naphthalimide: Synthesis, characterization and in vitro microbiological tests of their Cu(II) and Zn(II) complexes.. Inorganica Chimica Acta, 438, 2015, 179 - 188. ISI IF:2.046
14. Gryshko V.M., Korinovskay A., **Angelova M.**, **Krumova E.**. Sensitivity to heavy metals compounds of some micromycetes isolated from soils of Ukraine and Bulgaria. Scientific conference "Soil Biology and Ecology, Lviv, 14-16 October 2015, 2015
15. **Hadzhieva, M**, **Vassilev, TL**, Roumenina, LT, Bayry, J, Kaveri, SV, Lacroix-Desmazes, S, Dimitrov, JD. Mechanism and functional implications of the heme-induced binding promiscuity of IgE. Biochemistry, 54, 11, 2015, DOI:doi: 10.1021/bi501507m, ISI IF:3.02
16. Isachenko V, Todorov P, Isachenko E, Rahimi G, **Tchorbanov A**, **Mihaylova N**, **Manoylov I**, Mallmann P, Merzenich M. Long-Time Cooling before Cryopreservation Decreased Translocation of Phosphatidylserine (Ptd-L-Ser) in Human Ovarian Tissue.. PLoS One, 2015, ISI IF:3.234
17. Ivanova, A.P, Tsonev, T.D., Peeva, V.N., Maslenkova, L.T., **Najdenski, H.M.**, **Tsvetkova, I.V.**, Babenko, L.M., Shcherbatiuk, M.M., Sheiko, O.A., Kosakivska, I.V.. Euhalophyte Eryngium maritimum L.: the microstructure and functional characteristics.. JOURNAL OF STRESS PHYSIOLOGY & BIOCHEMISTRY, том 11, Выпуск № 3, "Vikol publishing" ИП Колесниченко В.В., 2015, ISSN:1997-0838, 52 - 61

18. **Ivanovska, N**, Saso, L, **Dimitrova, P**. Kinase inhibitors with redox and anti-inflammatory activities. Current Topics in Medicinal Chemistry, 15, 9, Bentham Science Publishers, 2015, ISSN:18734294, DOI:10.2174/1568026615666150220115838, 872 - 885. SJR:0.99, ISI IF:3.38
19. **Kambourova M**, Toksoy Oner E., A. Poli. Exopolysaccharides from Prokaryotic Microorganisms—Promising Sources for White Biotechnology Processes.. Industrial biorefineries and white biotechnology, Elsevier, Amsterdam, Netherlands, 2015, ISBN:978-0-444-63453-5
20. **Kroumov, A. D.**, Módenes, A. N., Trigueros, D. E.G.. A complex Theoretical Approach for Algal Medium Optimization for CO2 Fixation from Flue Gas. Acta Microbiologica Bulgarica, 31, 1, 2015, ISSN:0204-8809, 61 - 70
21. **Krumova E.**, **Jeny Miteva-Staleva**, **Nedelina Kostadinova**, Olga Korinovska, **Radoslav Abrashev**, **Boryana Spasova**, **Maria Angelova**. Effect of Cadmium Ions on the Fungal Strain Aspergillus fumigatus 32 Isolated from Metal Polluted Soil. Acta microbiologica, 31, 1, 2015, ISSN:0204-8809, 40 - 47
22. Lecerf, M., Scheel, T., **Pashov, A.D.**, Jarossay, A., Ohayon, D., Planchais, C., Mesnage, S., Berek, C., Kaveri, S.V., Lacroix-Desmazes, S., Dimitrov, J.D.. Prevalence and Gene Characteristics of Antibodies with Cofactor-induced HIV-1 Specificity.. J Biol Chem, 290, 8, 2015, 5203 - 5213. ISI IF:4.3
23. **Marchev, A**, Ivanov, I, Denev, P, Nikolova, M, Gochev, V, Stoyanova, A, **Pavlov, A**, **Georgiev, V**. Acetylcholinesterase inhibitory, antioxidant, and antimicrobial activities of Salvia tomentosa Mill. essential oil. Journal of Bioscience and Biotechnology, 4, 2, 2015, ISSN:1314-6246, 219 - 229
24. Moussa, M, Arrode-Brusés, G, **Manoylov, I**, Malogolovkin, A, Mompelat, A, Ishimwe, H, Smaoune, A, Ouzrout, B, Gagnon, J, Chebloune, Y. A novel non-integrative single-cycle chimeric HIV lentivector DNA vaccine. Vaccine, 2015, ISSN:0264-410X, DOI:doi:10.1016/j.vaccine .2015.03.021, 2273 - 2282. SJR:1.74, ISI IF:3.624
25. Murthy H.N., **Georgiev M.I.**, Park S-Y., Dandin V.S., Paek K-Y.. The safety assessment of food ingredients derived from plant cell, tissue and organ cultures: A review. Food Chemistry, 176, Elsevier, 2015, 426 - 432. SJR:1.42, ISI IF:3.391
26. Módenes, A. N., Espinoza-Quiñones, F. R., Geraldi, C. A.Q., Manenti, D. R., Oliveira, A. P. de, Borba, C. E., **Kroumov, A. D.**. Assessment of the banana pseudostem as low-cost biosorbent for removal of the reactive blue 5G dye. Environmental Technology, 36, 22, 2015, ISSN:0959-3330 (Print), 1479-487X (Online), DOI:10.1080/09593330.2015.1051591, 2892 - 2902. ISI IF:1.2
27. Módenes, A. N., Scheufele, F. B., Espinoza-Quiñones, F. R., Souza, P. S. C. de, Cripa, C. R. B., Santos, J. dos, Steffen, V., **Kroumov, A. D.**. Adsorption of direct of yellow ARLE dye by activated carbon of shell of coconut palm: Kinetics, equilibrium and mechanism study. International Journal Bioautomation, 19, 2, BAS, Institute of Biophysics and Biomedical Engineering, 2015, ISSN:1314-2321, 187 - 206. SJR:0.228
28. Saha, S, Murali, R, **Pashov, A**, Kieber-Emmons, T.. The Potential Role of Solvation in Antibody Recognition of the Lewis. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 34, 2015, 295 - 302
29. Schneider, C., Smith, D.F., Cummings, R.D., Boligan, K.F., Hamilton, R.G., Bochner, B.S., Miescher, S., Simon, H.-U., **Pashov, A.**, **Vassilev, T.**, von Gunten, S.. The human IgG anti-carbohydrate repertoire exhibits a universal architecture and contains specificity for microbial attachment sites.. Science Translational Medicine, 7, 269, 2015, ISI IF:16
30. Staneva D., **Vasileva-Tonkova E.**, Makki M.S.I., Sobahi T.R., Abdel-Rahman R.M., Asiri A.M., Grabchev I.. Synthesis, photophysical and antimicrobial activity of new water soluble ammonium quaternary benzanthrone in solution and in polylactide film.. Journal of Photochemistry and Photobiology B: Biology, 2015, ISSN:1011-1344, ISI IF:2.96
31. Staneva D., **Vasileva-Tonkova E.**, Makki M.S.I., Sobahi T.R., Abdel-Rahman R.M., Boyaci I.H., Asiri A.M., Grabchev I.. Synthesis and spectral characterization of a new PPA dendrimer modified

with 4-bromo-1,8-naphthalimide and in vitro antimicrobial activity of its Cu(II) and Zn(II) metal complexes.. Tetrahedron, 71, 7, 2015, ISSN:0040-4020, 1080 - 1087. ISI IF:2.641

32. Staneva, R.G., Balabanski, L., Dimova, I., Rukova, B., Hadjidekova, S., Dimitrov. P., Simeonov, V., Ivanov, S., Vagarova, R., Malinov, M., Cukuranovic, R., Stefanovic, V., Polenakovic, M., Djonov, V., **Galabov, A.S.**, Toncheva, D.. Genetic, genomic and epigenomic studies of Balkan Endemic Nephropathy (BEN). Prilozi/Contributions, 25, 2015, ISSN:1857-9345
33. Taşkın G., Durmuş M., Yüksel F., Mantareva V., **Kussovski V**, Angelov I., Atilla D.. Axially paraben substituted silicon(IV) phthalocyanines towards dental pathogen Streptococcus mutans: Synthesis, photophysical, photochemical and in vitro properties. Journal of Photochemistry and Photobiology A: Chemistry, 306, ELSEVIER SCIENCE SA, PO BOX 564, 1001 LAUSANNE, SWITZERLAND, 2015, ISSN:ISSN: 1010-6030, DOI:DOI: 10.1016/j.jphotochem.2015.03.010, 31 - 40. ISI IF:2.495
34. **Tsvetelina Paunova-Krasteva**, Radka Ivanova, Cristina DeCastro, Antonio Molinaro, **Stoyanka R. Stoitsova**. Promotion of the Synthesis of a Concanavalin A-reactive Polysaccharide Upon Growth of Escherichia coli O157:H(-) on Solid Medium at 37oC. Acta Microbiologica Bulgarica, 31, 2015, ISSN:0204-8809, 122 - 126
35. **Valcheva V.**. Growth stimulation of Bacillus cereus and Pseudomonas putida using nanostructured ZnO thin film as transducer element. Journal of Nanoparticle Research, 17, 125, Springer, 2015, ISSN:1572-896X, 1 - 7. ISI IF:2.184
36. Xiao J., **Georgiev M.I.**. The international symposium on phytochemicals in medicine and food (ISPMF 2015): an introduction. Fooc Chemistry, 186, 1, Elsevier, 2015, SJR:1.42, ISI IF:3.391
37. Yildiz, S. Y., **Radchenkova, N.**, Arga, K. Y., **Kambourova, M.**. Genomic analysis of Brevibacillus thermoruber 423 reveals its biotechnological and industrial potential. Applied Microbiology and Biotechnology, 2015, ISI IF:3.337
38. Yordanova S., Temiz H.T., Boyaci I.H., Stoyanov S., **Vasileva-Tonkova E.**, Asiri A., Grabchev I.. Synthesis, characterization and in vitro antimicrobial activity of a new blue fluorescent Cu(II) metal complex of bis-1,8-naphthalimide.. Journal of Molecular Structure, 1101, 2015, 50 - 56. ISI IF:1.602

Е03/9.2: Съвместни научни публикации с чуждестранни учени - приети за печат

1. **Djoumerska-Alexieva, I**, Roumenina, L, **Pashov, A**, Dimitrov , J, **Hadzhieva, M**, Lindig, S, Voynova, E, **Dimitrova, P**, **Ivanovska, N**, Bockmeyer, C, Stefanova, Z, Fitting, C, Bläss, M, Ralf, S, von Guten, S, Kaveri, S, Cavillon, J-M, Bauer, M, **Vassilev, T**. Intravenous Immunoglobulin with Enhanced Polyspecificity Improves Survival in Experimental Sepsis and Aseptic Systemic Inflammatory Response Syndromes. Molecular Medicine, приета за печат: 2015, DOI:DOI: 10.2119/molmed, ISI IF:4.5
2. **Gouliamova D.**, Dimitrov R., Smith M., Groenewal M., **Stoilova-Disheva M. M.**, Guéorguiev B., Boekhout T.. DNA barcoding revealed Nematodospora valgi gen. nov., sp. nov. and Candida cetoniae sp. nov. in the Lodderomyces clade.. , Elsevier, приета за печат: 2015, DOI:doi:10.1016/j.funbio.2015.05.008, ISI IF:2.342
3. Jarossay, A, **Hadzhieva, M**, Kaveri, SV, Lacroix-Desmazes S, Dimitrov, JD. Natural and induced antibody polyreactivity. Anticancer Agents Med Chem, 15, 10, приета за печат: 2015, ISI IF:2.469
4. Ludwiczuk A., Skalicka-Wozniak K., **Georgiev M.I.**. Terpenois. Pharmacognosy: Fundamentals, Applications and Strategy, Elsevier, приета за печат: 2015
5. **Marchev, A**, Dinkova-Kostova, A, György, Z, Mirmazloum, I, Aneva, Y, **Georgiev, M**. Rhodiola rosea L.: from golden root to green cell factories. Phytochemistry Reviews, Springer, приета за печат: 2015, SJR:0.783, ISI IF:2.407
6. Módenes, A. N., Scheufele, F. B., Barbosa, J. C., Andreia, C., Trigueros, D. E. G., Espinoza-Quiñones, F. R., Hinterholz, C. L., **Kroumov, A. D.**. Assessment of kinetic, equilibrium and thermodynamic of black Krom KJR dye adsorption onto aquatic macrophyte Pistia stratiote. Environmental Engineering and Management Journal, приета за печат: 2015, ISSN:1582-9596, ISI IF:1.065

ГЛАВИ ОТ КНИГИ В ЧУЖБИНА

1. **Gyurkovska, V**, **Dimitrova, P**, **Ivanovska, N**. Plant remedies: How they can overcome Candida infections. Natural Products: Research Reviews, 3, Daya Publishing House®, 2015, ISBN:9789351246855, 327 - 351
2. **Kambourova M**, Toksoy Oner E. , A. Poli. Exopolysaccharides from Prokaryotic Microorganisms—Promising Sources for White Biotechnology Processes.. Industrial biorefineries and white biotechnology, Elsevier, Amsterdam, Netherlands, 2015, ISBN:978-0-444-63453-5
3. Schink, B., **Simeonova, Diliana D.**. Chapter 13. GEOMICROBIAL INTERACTIONS WITH PHOSPHORUS. Ehrlich's Geomicrobiology, Sixth Edition, CRC Press 2015, 2015, ISBN:ISBN: 978-1-4665-924, 15, 265 - 279

ГЛАВИ ОТ КНИГИ В БЪЛГАРИЯ

1. Младенов, К., К. Мекушинов, **Х. Найденски**. Туларемията в България.. Туларемия-заешка треска., Импера Принт, 2015
2. Младенов, К., **Х. Найденски**. Проучвания на природни огнища на туларемия западно от София и Северозападна България.. Туларемия-заешка треска., Импера Принт, 2015
3. Младенов, К., **Х. Найденски**. Туларемия при хората.. Туларемия-заешка треска., Импера Принт, 2015
4. **Найденски, Х.**. Туларемия при дивите и домашни животни.. Туларемия-заешка треска., Импера Принт, 2015

Е03/6.1: Учебници, учебни помагала - излезли от печат

1. Денев, П., Славов, А., Василева, И., Тодоирова, М., Петкова, Н., Иванов, И, **Павлов, Ат.**. Ръководство за упражнения по Основи на кулинарната химия. , Академично издателство на УХТ, 2015, ISBN:978-954-24-0262-6
2. Константинов, Спиро, Момеков, Георги, Цанкова, Вирджиния, Вичева, Весела, Кондева-Бурдина, Магдалена, Витанска-Симеонова, Румяна, Власковска, Мила, Сурчева, Славина, Робева, Райна, Ненчев, Ненчо, Монова, Даниела, Кръстев, Захари, Антонов, Красимир, Спасова, Зоя, Желев, Деян, Георгиев, Борислав, Трендафилова, Елина, Балабански, Тошо, Монов, Симеон, Шумналиева, Руска, Генива, Маргарита, Балаценко, Георги, Спасов, Бранимир, **Найденски, Христо**, **Захариева, Мая**, Аргирова, Радка, Стоянов, Иван, Симеонова, Анелия, Нейков, Нейко, Михнев, Николай, Рашева, Мария, Стайков, Иван. Фармакотерапия. , 1, 1, Софтрейд, 2015, ISBN:978-954-334-166-5, 874

Е03/8.1: Научно-популярни произведения - излезли от печат

1. Василева, Р., **Гълъбов, А.**. Зареждат болниците с препарати против грип. Преса, 15 (1075), 2015, 3 - 3
2. **Гълъбов, А**, Гюрова, Л.. Българите винаги са били европейски народ. Новинар, 11 (6983), 2015
3. **Гълъбов, А.**, Ивановска, Д.. Не съм съгласен с приватизацията на болниците. Златна възраст, 29 (40), 2, 2015, 2
4. **Гълъбов, А.**, П. Галев. Предпазването от грип е със специфични лекарства. Животът днес, 65 (133), 2015, 18 - 18
5. **Гълъбов, А.**. 2000 души с усложнения починаха миналата година. „Ретро"/ „Час пик", 46 (56), 2015, 2 - 2
6. **Гълъбов, А.**. Бугарите по ген не се словени. Дневник, 15.02.2015/ 5699, (Скопие), 2015, 1 - 3
7. **Гълъбов, А.**. Грипът удря през февруари. Стандарт, 7882, 22,, 2015
8. Йолчева, Т., **Гълъбов, А**. Българите са европейци по ген. Преса, 6.01.2015, 2015, 6 - 6
9. Йолчева, Т., **Гълъбов, А.**. Мъчат ни стомашни вируси в жегите. Преса, 190 (1250), 2015, 1 - 1
10. Йолчева, Т., **Гълъбов, А.**. Мъчат ни стомашни вируси в жегите. Преса, 190 (1250),2015, 8
11. Йолчева, Т., **Гълъбов, А.**. По ген българите не са славяни. Преса, 31 (1091), 2015, 19 - 19
12. Тодорова, П., **Гълъбов, А.**. Удря ни щамът „Тексас". грипът идва, поваля поне 2000. Телеграф, 7, 2015

Всички цитати

Брой цитирани публикации: 486	Брой цитиращи източници: 1386

1984

1. **Galabov, A.S.**, Velichkova, E., Karparov, A., Sidzhakova, D., Danchev, D., Chakova, N.. Antiviral activity of tetrahydro-2(1H)-pyrimidinones and related compounds. Arzneimittel-Forschung/Drug Research, 34, 1, 1984, DOI:10.1055/s-002-24177, 9 - 14

   Цитира се в:

   1. Benazzouz, A., Makhloufi-Chebli, M., Khatir-Hamdi, N., (...), Silva, A.M.S., Hamdi, M. A facile synthesis of new coumarin-3,4-dihydropyrimidin-2(1H)-ones/thiones dyads. 2015, Tetrahedron. 71 (23), pp. 3890-3894, **@2015**

1991

2. Dimov, V, **Ivanovska, N**, Manolova, N, Bankova, V, Nikolov, N, Popov, S. Immunomodulatory action of propolis. Influence on anti-infectious protection and macrophage function. Apidologie, 22, (2), 1991, 155 - 162. ISI IF:1.6

   Цитира се в:

   2. Saeed, F., Ahmad, R. S., Arshad, M. U., Niaz, B., Batool, R., Naz, R., & Ansar Rasul Suleria, H. (2015). Propolis to Curb Lifestyle Related Disorders: An Overview. International Journal of Food Properties, (just-accepted)., **@2015**
   3. Vit, P., Huq, F., Barth, O. M., Campo, M., Pérez-Pérez, E. M., Tomás-Barberán, F. A., & Santos, E. L. (2015). Use of propolis in cancer research. British Journal of Medicine and Medical Research, 8(2), 88-109., **@2015**
   4. Martinotti, S., & Ranzato, E. (2015). Propolis: a new frontier for wound healing?. Burns & Trauma, 3(1), 1., **@2015**
   5. Bhat, N., Bapat, S., Asawa, K., Tak, M., Chaturvedi, P., Gupta, V. V., & George, P. P. (2015). The antiplaque efficacy of propolis-based herbal toothpaste: A crossover clinical study. Journal of natural science, biology, and medicine, 6(2), 364., **@2015**
   6. Haščík, P., Elimam, I. O., Kročko, M., Bobko, M., Kačániová, M., Garlík, J., ... & Saleh, A. A. (2015). The Influence of Propolis as Supplement Diet on Broiler Meat Growth Performance, Carcass Body Weight, Chemical Composition and Lipid Oxidation Stability. Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis, 63(2), 411-418., **@2015**
   7. Eyng, C., Murakami, A. E., Ospina-Rojas, I. C., Pedroso, R. B., Silveira, T. G. V., & Lourenço, D. A. L. (2015). Efecto de la inclusión dietética de extracto etanólico de propóleos en la inmunidad de pollos de engorde. Archivos de medicina veterinaria, 47(2), 185-192., **@2015**

1992

3. Dimov, V, **Ivanovska, N**, Bankova, V, Popov, S. Immunomodulatory action of propolis: IV. Prophylactic activity against Gram-negative infections and adjuvant effect of the water-soluble derivative. Vaccine, 10, (12), 1992, 817 - 823. ISI IF:3.3

Цитира се в:

8. ATTI Y.A., BOVERA F. EL-TA H, AWY W.S., EL-HANOUN A.M., AL-HARTHI M.A. HABIBA H. PRODUCTIVE AND REPRODUCTIVE PERFORMANCE OF RABBITS DOES AS AFFECTED BY BEE POLLEN AND/OR PROPOLIS, INULIN AND/OR MANNAN-OLIGOSACCHARIDES. World Rabbit Sci. 2015, 23: doi:10.4995/wrs.2015.3644., **@2015**

9. Al-Daamy, A. A. H., Abd-Al Ameer, H., & Zuher, H. (2015). Antifungal activity of propolis against dermatophytes and Candida albicans isolated from human mouth. Journal of Contemporary Medical Sciences, 1(3), 4-8., **@2015**

1993

---

4. Manolov, R., **Kambourova, M**, Emanuilova, E.. Immobilization and properties of Bacillus stearothermophilus pullulanase. Biotechnology and Applied Biochemistry, 1993, ISI IF:1.155

Цитира се в:

10. Sayin, Murat, and Ozen Ozensoy Guler. "Purification of bovine serum paraoxonase and its immobilization on Eupergit C 250 L by covalent attachment." Journal of enzyme inhibition and medicinal chemistry (2015), 30 (1), pp. 69-74., **@2015**

5. **Vassilev, T**, Gelin, C, Kaveri, S, ZILBER, M, Boumsell, L, Kazatchkine, M. Antibodies to the CD5 molecule in normal human immunoglobulins for therapeutic use (intravenous immunoglobulins, IVIg).). Clinical & Experimental Immunology, 92, 3, 1993, ISI IF:3.2

Цитира се в:

11. Lünemann, J. D., Nimmerjahn, F., & Dalakas, M. C. (2015). Intravenous immunoglobulin in neurology [mdash] mode of action and clinical efficacy. Nature Reviews Neurology, **@2015**

6. **Vasileva-Tonkova E.**. Isolation and some properties of extracellular ribonuclease from Trichoderma harzianum.. Enzyme Microbial Technol., 15, 1993, 687 - 690. ISI IF:1.562

Цитира се в:

12. Hameş E.E., Demir T. Microbial ribonucleases (RNases): production and application potential. (2015) World Journal of Microbiology and Biotechnology, 31, 1853-1862., **@2015**

7. **Vasileva-Tonkova E.S., Galabova D.N., Balasheva M.A., Sotiro**, **Galabova D.N**, **Sotirova A.V.**. Purification and partial characterization of acid phosphatase from Candida lipolytica.. , 1993, ISI IF:2.237

Цитира се в:

13. Urquiza, N.M., Islas, M.S., Ariza, S.T., Jori, N., Martínez Medina, J.J., Lavecchia, M.J., López Tévez, L.L., Lezama, L., Rojo, T., Williams, P.A.M., Ferrer, E.G. Anti-thyroid and antifungal activities, BSA interaction and acid phosphatase inhibition of methimazole copper(II) complexes. Chemico-Biological Interactions, 2015, 229, 64-72., **@2015**

8. Frengova, G., Simova, E., Pavlova, K., **Beshkova, D.**, Grigorova, D.. Formation of carotenoids by Rhodotorula glutinis in whey ultrafiltrate. Biotechnology and Bioengineering, 44, 8, Wiley, 1994, ISSN:1097-0290, DOI:10.1002/bit.260440804, 888 - 894. SJR:1.4, ISI IF:4.126

Цитира се в:

14. Kanzy H.M., Nasr N.F., El-Sharzly H.A.M., Barakat O.S. Optimization of carotenoids production by yeast strains of Rhodotorula using salted cheese whey. International Journal of Current Microbiology and Applied Sciences, 2015, 4, 1, 456-469., **@2015**

15. Machado W.R.C., de Medeiros Burket J.F. Optimization of agroindustrial medium for the production of carotenoids by wild yeast Sporidiobolus pararoseus. African Journal of Microbiology Research 2015, 9, 4, 209-219, **@2015**

9. **Simeonov I.**. Modelling and control of anaerobic digestion of organic waste. Chemical and Biochemical Engineering Quaterly, 1994, 8(2), 45-52, ISSN: 1846-5153.. Chemical and Biochemical Engineering Quaterl, 8, 2, THE OFFICIAL JOURNAL OF CROATIAN SOCIETY OF CHEMICAL ENGINEERS, FACULTY OF CHEMICAL ENGINEERING AND TECHNOLOGY, University of Zagreb SLOVENIAN CHEMICAL SOCIETY AND AUSTRIAN ASSOCIATION OF BIOPROCESS TECHNOLOGY, 1994, ISSN:Online ISSN 1846-5153 Print ISSN 0352-9568, 45 - 52. ISI IF:0.802

Цитира се в:

16. Dimitrova, N., & Krastanov, M. Stabilizing Feedback Design of a Class of Fermentation Processes Involving Uncertainties. system, 1, k2., **@2015**

17. Krastanov, M., & Dimitrova, N. Feedback Control of an Anaerobic Fermentation Process Under Uncertain Data., **@2015**

10. Neychev H, **Ivanovska N**, Valeva V, **Stefanova Z**, Kuyumjieva A. Antiinflammatory effect of superoxide dismutase (SOD). Comparison between yeast and bovine SOD on some complement mediated reactions in vitro and in vivo.. Int. J. Tissue Reactions, XVI, 1994, ISSN:0250-0868, 131 - 137. ISI IF:0.354

Цитира се в:

18. Abdel-Latif Mm Sakran T, El-Shahawi G, El-Fayoumi H, El-Mallah A-M. Immunomodulatory effect of diethylcarbamazine citrate plus filarial excretory-secretory product on rat hepatocarcinogenesis. Int. Immunol., 2015, 24: 173-181. ISSN 15675769., **@2015**

11. Tsankova, E.T., Trendafilova, A.B., Kujumgiev, A.I., **Galabov, A.S.**, Robeva, P.R.. Xanthanolides of Xanthium italicum Moretti and their biological activity. Zeitschrift fur Naturforschung Section C - Journal of Bioscience, 49, 1-2, 1994, ISSN:0939-5075, 154 - 155. ISI IF:0.87

Цитира се в:

19. Chen, W.-H., Liu, W.-J., Wang, Y., Song, X.-P., Chen, G.-Y. A new naphthoquinone and other antibacterial constituents from the roots of Xanthium sibiricum. 2015. Natural Product Research, 29 (8), pp. 739-744, **@2015**

20. Ullah R., Murad W., Ur Rehman H., Aslam M., Saeed R., Iqbal T., Ul Akbar N., Saad F., Gul N. and Irshad M. Antibacterial and Phytochemical Evaluation of the Crude Extract and Fractions of Xanthium strumarium. 2015. American-Eurasian Journal of Toxicological Sciences. 7, 3, pp. 184-187, **@2015**

1995

---

12. **Vassilev, T**, Bineva, I, Dietrich, G, Kaveri, S, Kazatchkine, M. Variable region-connected, dimeric fraction of intravenous immunoglobulin enriched in natural autoantibodies. Journal of Autoimmunity, 8, 3, 1995, 405 - 413. ISI IF:7.2

Цитира се в:

21. Hromadkova, L., Kolarova, M., Jankovicova, B., Bartos, A., Ricny, J., Bilkova, Z., & Ripova, D. (2015). Identification and characterization of natural antibodies against tau protein in an intravenous immunoglobulin product. Journal of neuroimmunology, 289, 121-129., **@2015**

22. Ritter, C., Bobylev, I., & Lehmann, H. C. (2015). Chronic inflammatory demyelinating polyneuropathy (CIDP): change of serum IgG dimer levels during treatment with intravenous immunoglobulins. Journal of neuroinflammation, 12(1), 148, **@2015**

23. Späth, P. J., Granata, G., La Marra, F., Kuijpers, T. W., & Quinti, I. (2015). On the dark side of therapies with immunoglobulin concentrates: the adverse events. Frontiers in immunology, 6., **@2015**

13. **Ivanovska N**, Neychev H, **Stefanova T**, Bankova V, Popov S. Influence of cinnamic acid on lymphocyte prolifaration, cytokine release and Klebsiella pneumoniae infection in mice. Apidologie, 26, 2, 1995, ISSN:0044-8435,, 73 - 81. ISI IF:0.606

Цитира се в:

24. El-Naggar SA, Alm-Eldeen AA, Germoush MO, El-Boray KF, Elgebaly HA. Ameliorative effect of propolis against cyclophosphamide-induced toxicity in mice. Pharmaceutical Biology, 2015, 53:235-241, ISSN 13880209., **@2015**

25. Silva-Carvalho R, Baltazar F, Almeida-Aguilar C. Propolis: A complex natural product with a plethora of biological activities that can be explored for drug development. Evidence-based Complementary and Alternative Medicine, 2015, 2015: Article number 206439. ISSN 1741427X., **@2015**

14. **Ivanovska, N**, Dimov, V, Bankova, V, Popov, S. Immunomodulatory action of propolis. VI. Influence of a water soluble derivative on complement activity in vivo. J. Ethnopharmacology, 47, (3), 1995, 145 - 147. ISI IF:2.8

Цитира се в:

26. Muñoz, J., & del Pilar, R. (2015). Evaluación in vitro del efecto antibacteriano de cinco propóleos peruanos sobre cepas de streptococcus mutans (ATCC 25175) y streptococcus sanguinis (ATCC 10556)., **@2015**

15. **Stefanova T**, Neychev H, **Ivanovska N**, Kostova I. Effect of total extract and esculin from Fraxinus ornus stem bark on zymosan- and carrageenan-induced paw oedema in mice. J. Ethnopharmacol., 46, 1995, 101 - 106. ISI IF:0.366

Цитира се в:

27. Niu X, Wang Y, Li W, Zhang H, Wang X, Mu Q, He Z, Yao H. Esculin exhibited anti-inflammatory activities in vivo and regulated TNF-α and IL-6 production in LPS-stimulated mouse peritoneal macrophages in vitro through MAPK pathway. Int. Immunopharmacol., 2015, 29(2): 779-786. ISSN 15675769., **@2015**

16. **Stoitsova S.**, Georgiev B., Dacheva R.. Ultrastructure of the spermiogenesis andmature spermatozoon of Tetrabothrius erostris Loennberg, 1896 (Cestoda, Tetrabothriidae).. International Journal for Parasitology, 25, 1995, ISSN:0020-7519, 1427 - 1436. ISI IF:1.408

Цитира се в:

28. M. Brunanska, T. Bily, J. Nebesarova, 2015. Nippotaenia mogurndae Yamaguti et Myiata, 1940 (Cestoda, Nippotaeniidea): first data on spermiogenesis and sperm ultrastructure. Parasitol. Res. DOI 10.1007/s00436-015-4327-0, **@2015**

29. JV Korneva, MK Jones, VV Kuklin, Fine structure of the copulatory apparatus of the tapeworm Tetrabothrius erostris (Cestoda: Tetrabothriidea). Parasitol. Res., 2015, 114, 1829-38., **@2015**

17. Sattar, A., Bankova, V., Kujumgiev, A., **Galabov, A.S.**, Ignatova, A., Todorova, C., Popov, S.S.. Chemical composition and biological activity of leaf exudates from some Lamiaceae plants. Pharmazie, 50, 1, 1995, 62 - 65. ISI IF:0.466

Цитира се в:

30. Ibraliu A., Trendafilova A., Andelkovic B., Bujar Q., Godevac, D. M. Comparative Study of Balkan Sideritis Species from Albania, Bulgaria and Macedonia. 2015. European Journal of Medicinal Plants. 5, 4, pp.328-340, **@2015**

31. Erenler R., Sen O., Aksit H., Demirtas I., Yaglioglu A., Elmastas M., Telci I. Isolation and identification of chemical constituents from Origanum majorana and investigation of antiproliferative and antioxidant activities. Journal of the Science of Food and Agriculture. 2015, DOI: 10.1002/jsfa.7155, **@2015**

1996

---

18. Kaveri, S, **Vassilev, T**, Hurez, V, Lengagne, R, Lefranc, C, Kazatchkine, M. D. Antibodies to a conserved region of HLA class I molecules, capable of modulating CD8 T cell-mediated function, are present in pooled normal immunoglobulin for therapeutic use. Journal of Clinical Investigation, 97, 1996, ISI IF:13.2

Цитира се в:

32. Milongo, D., Vieu, G., Blavy, S., Del Bello, A., Sallusto, F., Rostaing, L., ... & Congy-Jolivet, N. (2015). Interference of therapeutic antibodies used in desensitization protocols on lymphocytotoxicity crossmatch results. Transplant immunology., **@2015**

19. **Ivanovska, N**, Iossifova, T, Kostova, I. Complement-Mediated Antiinflammatory Action of Extracts and Pure Secoiridoids Isolated from Fraxinus Species. Phytotherapy Research, 10, (7), 1996, 555 - 558. ISI IF:2.6

Цитира се в:

33. Dei Cas, L., Pugni, F., & Fico, G. (2015). Tradition of use on medicinal species in Valfurva (Sondrio, Italy). Journal of ethnopharmacology, 163, 113-134., **@2015**

20. Ivanovska, N, Philipov, S, Istatkova, R, Georgieva, P. Antimicrobial and immunological activity of ethanol extracts and fractions from Isopyrum thalictroides. J. Ethnopharmacol., 54, (2), 1996, 143 - 151. ISI IF:1.6

Цитира се в:

34. Kusumaningrum, H. P. (2015). Tingkat Cemaran Mikrobia pada Tanaman Biofarmaka Curcuma domestica setelah Proses Pengeringan. Prosiding KPSDA, 1(1)., **@2015**

35. Kusumaningrum, H. P., Kusdiyantini, E., & Pujiyanto, S. (2015). Kualitas Simplisia Tanaman Biofarmaka Curcuma domestica Setelah Proses Pemanasan Pada Suhu Dan Waktu Bervariasi. BIOMA, 17(1), 27-33., **@2015**

21. Ilieva M., **Pavlov A.**. Rosmarinic acid by Lavandula vera MM, cell suspension: Phosphorus effect. Biotechnology Letters, 18, 8, 1996, 913 - 916. ISI IF:0.963

Цитира се в:

36. Cheruvathur M.K., Jose B., Thomas T.D. Rhinacanthin production from hairy root cultures of Rhinacanthus nasutus (L.) Kurz. In Vitro Cellular & Developmental Biology – Plant, 51(4): 420-427, 2015., **@2015**

22. Ivanovska, N, Philipov, S. Study on the anti-inflammatory action of Berberis vulgaris root extract, alkaloid fractions and pure alkaloids. Int. J. Immunopharmacol., 18, 1996, 553 - 556. ISI IF:1.6

Цитира се в:

37. Charehsaz M, Sipahi H, Celep E, Üstündağ A, Cemiloğlu Ülker O, Duydu Y, et al. The fruit extract of Berberis crataegina DC: Exerts potent antioxidant activity and protects DNA integrity. DARU J Pharm Sci 2015;23(1)., **@2015**

38. Srivastava S, Srivastava M, Misra A, Pandey G, Rawat AKS. A review on biological and chemical diversity in Berberis(Berberidaceae). EXCLI J 2015;14:247-267., **@2015**

39. Lahm G, Deichmann J-, Rauen AL, Opatz T. A one-pot cascade to protoberberine alkaloids via stevens rearrangement of nitrile-stabilized ammonium ylides. J Org Chem 2015;80(3):2010-2016., **@2015**

40. Patil T, Patil S, Patil S, Patil A. Antimicrobial profile of antidiabetic drug: Berberine. Int J Pharmacogn Phytochem Res 2015;7(1):45-50., **@2015**

41. Fateh, S., Dibazar, S. P., & Daneshmandi, S. (2015). Barberry's (Berberis integerrima) ingredients suppress T-cell response and shift immune responses toward Th2: an in vitro study. Future Science OA, 1(4)., **@2015**

42. Jabeen, N. (2015). Berberis lycium Royle (Royle, 1837): A Threatened Medicinal Plant and Its Biological Activities. EC Agri-culture, 1, 100-108., **@2015**

43. Kitsiou, C. (2015). Direct Imine Acylation: The Synthesis of Diverse Heterocycles and Natural Products (Doctoral dissertation, University of York)., **@2015**

44. Mahdavi, N., Joukar, S., Najafipour, H., & Asadi-Shekaari, M. (2015). The promising effect of barberry (Zereshk) extract against experimental pulmonary

microvascular remodeling and hypertension: A comparison with sildenafil. Pharmaceutical Biology, (0), 1-7., **@2015**

45. Mahmoudi, M., Zamani Taghizadeh Rabe, S., Balali-Mood, M., Karimi, G., Memar, B., Rahnama, M., ... & Riahi-Zanjani, B. (2015). Immunotoxicity induced in mice by subacute exposure to berberine. Journal of immunotoxicology, 1-8., **@2015**

46. Nikbakht, M., Yahyaei, B., & Pourali, P. Green Synthesis, Characterization and Antibacterial Activity of Silver Nanoparticles Using Fruit Aqueous and Methanolic Extracts of Berberis vulgaris and Ziziphus vulgaris., **@2015**

47. Zarei, A., Changizi Ashtiyani, S., Taheri, S., & Ramezani, M. (2015). A quick overview on some aspects of endocrinological and therapeutic effects of Berberis vulgaris L. Avicenna Journal of Phytomedicine, 5(6), 485-497., **@2015**

48. Alamzeb M, Khan MR, Mamoon-Ur-Rashid, Ali S, Khan AA. Isolation, structure elucidation and enzyme inhibition studies of a new hydroxy ester and other compounds from Berberis jaeschkeana Schneid stem. Nat Prod Res 2015;29(17):1664-1669., **@2015**

49. Ullah N, Khan S, Khan A, Ahmad W, Shah Y, Ahmad L, et al. A prospective pharmacological review of medicinal herbs, Cucumis melo and Berberis vulgaris, commonly used in the treatment of renal diseases in Pakistan. Acta Pol Pharm Drug Res 2015;72(4):651-654., **@2015**

50. Ashraf, H., & Zare, S. (2015). Preventive Effects of Aqueous Extract of Berberis integerrima Bge. Root on Liver Injury Induced by Diabetes Mellitus (Type 1) in Rats. Iranian journal of pharmaceutical research: IJPR, 14(1), 335., **@2015**

51. Aziz, M., Ghareeb, D., Eweda, S., Hussien, H., & Demellawy, M. E. (2015). Immunomodulatory effect of Berberis vulgaris extracts on murine splenocytes and enrichment of dendritic cells in vitro. Biotechnology & Biotechnological Equipment, 29(6), 1149-1155., **@2015**

23. D. Veljanov, A. Vesselinova, S. Nikolova, **H. Najdenski**, **V. Kussovski**, **N. Markova**. Experimental Melioidosis in Inbred Mouse Strains. Zentralblatt für Bakteriologie, 283, 3, Elsevier, 1996, DOI:10.1016/S0934-8840(96)80071-5, 351 - 359

Цитира се в:

52. Laws, T. R., Clark, G. C., & D'Elia, R. V. (2015). Immune profiling of the progression of a BALB/c mouse aerosol infection by Burkholderia pseudomallei and the therapeutic implications of targeting HMGB1. International Journal of Infectious Diseases, 40, 1-8., **@2015**

24. Angelov, P., Simova, D., **Beshkova, D.**, Frengova, G.. Control of Cell Protein Synthesis from Kluyveromyces marxianus var. lactis MC5. Biotechnology and Biotechnological Equipment, 10, Taylor and Francis Group, LLC, 1996, ISSN:1310-2818, DOI:10.1080/13102818.1996.10818880, 44 - 50

Цитира се в:

53. Petrov, M., Ilkova, T., Vanags, J. Modelling of a Batch Whey Cultivation of Kluyveromyces marxianus var. lactis MC 5 with Investigation of Mass Transfer Processes in the Bioreactor. INT. J. BIOAUTOMATION, 2015, 19, 1, Suppl. 1, S81-S92, **@2015**

25. Taskov, H., **Pashov, A.**, Dimitrova, E., Yordanova, M., Serbinova, M.. Levels of CAF7

(CD98) expression correlate with the complete remission duration in childhood acute leukemia. Leuk Res, 20, 1, 1996, 75 - 79. ISI IF:1.4

Цитира се в:

54. Carneiro, B. A., et al. (2015). "Targeted therapy of acute myeloid leukemia." Expert Review of Anticancer Therapy 15(4): 399-413., **@2015**

26. Ivanovska, N, Philipov, S. Comparative study on the immunological activity of a series of isoquinoline alkaloids. Phytotherapy Research, 10, (1), 1996, 62 - 65. ISI IF:2.06

Цитира се в:

55. Hosseinihashemi, S. K., Anooshei, H., Aghajani, H., & Salem, M. Z. (2015). Chemical Composition and Antioxidant Activity of Extracts from the Inner Bark of Berberis vulgaris Stem. BioResources, 10(4), 7958-7969., **@2015**

56. Mehrara, M., Halakoo, M., Hakemi-Vala, M., Hashemi, S. J., & Asgarpanah, J. (2015). Antibacterial and antifungal activities of the endemic species Glaucium vitellinum Boiss. and Buhse. Avicenna Journal of Phytomedicine, 5(1), 56., **@2015**

27. Vasileva-Tonkova E.S., Bezborodova S.I.. Purification, physicochemical properties and specificity of a ribonuclease produced by Trichoderma harzianum.. Enzyme Microbial Technol., 18, 1996, ISSN:01410229, 147 - 152. ISI IF:1.611

Цитира се в:

57. Hameş E.E., Demir T. (2015) Microbial ribonucleases (RNases): production and application potential. World Journal of Microbiology and Biotechnology, 31, 1853-1862., **@2015**

28. Galabov, A.S., Iosifova, T., Vassileva, E., Kostova, I.. Antiviral activity of some hydroxycoumarin derivatives. Zeitschrift fur Naturforschung Section C - Journal of Biosciences, 51, 7-8, 1996, ISSN:0939-5075, 558 - 562. ISI IF:0.849

Цитира се в:

58. Sałaga, M., Kowalczuk, A., Zielinska, M., Błazewicz, A., Fichna, J. Calea zacatechichi dichloromethane extract exhibits antidiarrheal and antinociceptive effects in mouse models mimicking irritable bowel syndrome. 2015. Naunyn-Schmiedeberg's Archives of Pharmacology. 388 (10), 1142, pp. 1069-1077, **@2015**

1997

---

29. Hurez, V, Kazatchkine, M., **Vassilev, T**, Ramanathan, S, **Pashov, A**, Basuyaux, B, Kaveri, S. V. Pooled normal human polyspecific IgM contains neutralizing anti-idiotypes to IgG autoantibodies of autoimmune patients and protects from experimental autoimmune disease. Blood, 90, 10, 1997, 4004 - 4013. ISI IF:10.4

Цитира се в:

59. Pleass, R. J., Moore, S. C., Stevenson, L., & Hviid, L. (2015). Immunoglobulin M: Restrainer of Inflammation and Mediator of Immune Evasion by Plasmodium falciparum Malaria. Trends in parasitology., **@2015**

30. Ilieva M., **Pavlov A.**. Rosmarinic acid production by Lavandula vera MM suspension culture. Applied Microbiology and Bioitechnology, 47, 1997, 683 - 688. ISI IF:1.331

Цитира се в:

60. Nabavi S.F., Tenore G.C., Daglia M., Tundis R., Loizzo M.R., Nabavi S.M. The cellular protective effects of rosmarinic acid: From bench to bedside. Current Neurovascular Research. 12 (1): 98 – 105, 2015., **@2015**

61. Cheruvathur M.K., Jose B., Thomas D.T. Rhinacanthin production from hairy root cultures of Rhinacanthus nasutus (L.) Kurz. In Vitro Cell.Dev.Biol.—Plant. 51(4): 420 – 427, 2015., **@2015**

62. Ata N., Yusuf N.A., Tan B.Ch., Husaini A., Yusuf Y.M., Majid N.A., Khalid N. Expression profiles of flavonoid-related gene, 4 coumarate: coenzyme A ligase, and optimization of culturing conditions for the selected flavonoid production in Boesenbergia rotunda. Plant Cell Tiss Organ Cult. 123(1): 47 – 55, 2015., **@2015**

63. Bordbar L., Jelodar N.B., Subramaniam S., Keng C.L. Effects of Abiotic Factors on Cell Biomass and Rosmarinic Acid Production in Cell Suspension Cultures of Orthosiphon stamineus Benth. Emir. J. Food Agric, 27 (10), 756-765, 2015., **@2015**

31. **Markova N**. Hydrolysis and Antibacterial Activity of Polymers Containing 8-Quinolinyl Acrylate. Journal of Bioactive and Compatible Polymers, 12, 4, SAGE Publications, 1997, ISSN:0883-9115, DOI:10.1177/088391159701200403, 294 - 307. ISI IF:2.35

Цитира се в:

64. Nurit Beyth, Yael Houri-Haddad, Avi Domb, Wahid Khan, and Ronen Hazan, "Alternative Antimicrobial Approach: Nano-Antimicrobial Materials," Evidence-Based Complementary and Alternative Medicine, vol. 2015, Article ID 246012, 16 pages (2015), **@2015**

32. Frengova, G., Simova, E., **Beshkova, D.**. Caroteno-protein and exopolysaccharide production by co-cultures of Rhodotorula glutinis and Lactobacillus helveticus.. Journal of Industrial Microbiology and Biotechnology, 18, 4, Springer, 1997, ISSN:1367-5435, DOI:10.1038/sj.jim.2900379, 272 - 277. SJR:0.86, ISI IF:2.439

Цитира се в:

65. Gientka, I., Błażejak, S., Stasiak-Różańska, L., Chlebowska-Śmigiel, A. Exopolysaccharides from yeast: Insight into optimal conditions for biosynthesis, chemical composition and functional properties - Review. ACTA Scientiarum Polonorum Technologia Alimentaria, 2015, 14, 4, 283–292., **@2015**

33. Dimitrov, P.,, **Kambourova, M.,**, Mandeva, R., Emanuilova E. Isolation and characterization of xylan-degrading alkali-tolerant thermophiles. FEMS Microbiology Letters, 1997, ISI IF:1.56

Цитира се в:

66. Archna, S., Priyank, V., Nath, Y. A., & Kumar, S. A. (2015). Bioprospecting for extracellular hydrolytic enzymes from culturable thermotolerant bacteria isolated from Manikaran thermal springs. Research Journal of Biotechnology Vol, 10, 4, 33-42., **@2015**

67. Borkar, S. (2015). Alkaliphilic Bacteria: Diversity, Physiology and Industrial Applications. In Bioprospects of Coastal Eubacteria (pp. 59-83). Springer

International Publishing, **@2015**

68. Tanzadeh, J., Panahandeh, M., & Haghighat, A. PROTEASE ACTIVITY PRODUCED BY NATIVE THERMOPHILIC BACTERIA ISOLATED FROM SOIL OF NORTH OF IRAN (2015). International Journal of Analytical, Pharmaceutical and Biomedical Sciences, Volume: 4: Issue-4: 41-46., **@2015**

69. Verma, P., Yadav, A. N., Shukla, L., Saxena, A. K., & Suman, A. (2015). Hydrolytic enzymes production by thermotolerant Bacillus altitudinis IARI-MB-9 and Gulbenkiania mobilis IARI-MB-18 isolated from Manikaran hot springs.International Journal of Advanced Research, 3(9), 1241-1250, **@2015**

1998

---

34. Dobreva E., Tonkova A., Ivanova V., Stefanova M., **Kabaivanova L.**, Sapasova D.. Immobilization of Bacillus licheniformis cells, producers of thermostable α-amylase, on polymer membranes.. J. Industr. Microbiol. Biotechnol., 1998, ISI IF:2.439

Цитира се в:

70. Najar N. and Das S. Poly-glutamic acid (PGA) – Structure, Synthesis, Genomic Organization and its Application: a review. International Journal of Pharmaceutical Sciences and Research ISSN (Print): 2320-5148, **@2015**

35. **Beshkova, D.**, Simova, E., Frengova, G., Simov, Z.. Production of flavour compounds by yogurt starter cultures. Journal of Industrial Microbiology and Biotechnology, 20, 3-4, Springer, 1998, ISSN:1367-5435, DOI:10.1038/sj.jim.2900504, 180 - 186. SJR:0.86, ISI IF:2.439

Цитира се в:

71. Zha, M., Yu, J., Zhang, Y., Wang, H., Bai, N., Qin, Y., Liangliang, D., Liu, W., Zhang, H., Bilige, M. Study on Streptococcus thermophilus isolated from Qula and associated characteristic of acetaldehyde and diacetyl in their fermented milk. The Journal of General and Applied Microbiology, 2015, 61, 50–56, **@2015**

72. Naigebauer-Lejko D., Tabaszewska M., Grega T. The effect of addition of selected vegetables of the microbiological, textural and flavour profile properties of yoghurts. Acta Scientarum Polonorum Technologia Alimentaria, 2015, 14, 1, 45-53., **@2015**

73. Karenzi E. Fermentation of kivuguto, a Rwandese traditional milk: making a starter culture. PhD Thesis. University of Liege-Gembloux Agro-Bio Tech, Belgium. 2015., **@2015**

74. Gerginc Y., Topcal F., Comertpay S., Akyol I. Quantitative analysis of the lactic acid and acetaldehyde produced by Streptococcus thermophilus and Lactobacillus bulgaricus isolated from traditional Turkish yogurts using HPLC. Journal of Dairy Science, 2015, 98, 3, 1426-1434., **@2015**

75. Shirkhani M., Madadlou A., Khosrowshahi A. Enzymatic modification to stabilize the fermented milk drink, doogh. Journal of Texture Studies, 2015, 46, 1, 22-33., **@2015**

76. Semeniuc, C.A., Mandrioli, M., Rodriguez-Estrada, M.T., Muste, S., i Lercker, G. Thiobarbituric acid reactive substances in flavored phytosterol-enriched drinking yogurts during storage: formation and matrix interferences. European Food Research and Technology, 2015, 1-9, **@2015**

77. Yüksel, A.K., Bakırcı, I. An investigation of the volatile compound profiles of probiotic yogurts produced using different inulin and demineralised whey powder combinations. Food Science and Biotechnology, 2015, 24, 3, 807-816., **@2015**

36. **Angelova, M.**, Scheremetska, P., Lekov, M.. Enhanced polymethyl-galacturonase production from Aspergillus niger 26 by calium alginate immobilization. Process Biochemistry, 33, 3, Elsevier, 1998, ISSN:1359-5113, DOI:DOI: 10.1016/S0032-9592(97)00070-8, 299 - 305. ISI IF:0.937

Цитира се в:

78. 1. Ismaiel, A. A.; Ahmed, A. S.; El-Sayed, E. R. Immobilization technique for enhanced production of the immunosuppressant mycophenolic acid by ultraviolet and gamma-irradiated Penicillium roqueforti, 2015, Journal of Applied Microbiology, 119, Issue, 1, 112-126, **@2015**

79. 2. Dreimann, Janis; Schmidt, Timo; Tscheschke, Bernd; et al. The Mist Chamber Reactor - Novel Bioreactor Concept for Challenging Cultivations, 2015, Chemie Ingenieur Technik, 87, 6, 773-780, **@2015**

37. Tuleva B., **Vasileva-Tonkova E.**, Galabova D.. A specific alkaline phosphatase from Saccharomyces cerevisiae with protein phosphatase activity.. FEMS Microbiol. Lett., 161, 1998, ISSN:1574-6968, 139 - 144. ISI IF:1.581

Цитира се в:

80. Kuznetsova E., Nocek B., Brown G., Makarova K.S., Flick R., Wolf Y.I., Khusnutdinova A., Evdokimova E., Jin K., Tan K., Hanson A.D., Hasnain G., Zallot R., De Crécy-Lagard V., Babu M., Savchenko A., Joachimiak A., Edwards A.M., Koonin E.V., Yakunin A.F. (2015) Functional diversity of haloacid dehalogenase superfamily phosphatases from Saccharomyces cerevisiae: Biochemical, structural, and evolutionary insights. Journal of Biological Chemistry, 290, 18678-18698., **@2015**

81. Yates L.M., Fiedler D. (2015) Establishing the stability and reversibility of protein pyrophosphorylation with synthetic peptides. ChemBioChem, 16, 415-423., **@2015**

82. Kim S.R., Xu H., Lesmana A., Kuzmanovic U., Au M., Florencia C., Oh E.J., Zhang G., Kim K.H., Jin Y.-S. (2015) Deletion of PHO13, encoding haloacid dehalogenase type IIA phosphatase, results in upregulation of the pentose phosphate pathway in Saccharomyces cerevisiae. Applied and Environmental Microbiology, 81, 1601-1609., **@2015**

1999

---

38. **Vassilev, T**, Kazatchkine, M, Van Huyen, J, Mekrache, M, Bonnin, E, Mani, J. C, Kaveri, S. V. Inhibition of cell adhesion by antibodies to Arg-Gly-Asp (RGD) in normal immunoglobulin for therapeutic use (intravenous immunoglobulin, IVIg. Blood, 93, 11, 1999, 3624 - 3631. ISI IF:10.4

Цитира се в:

83. Lünemann, J. D., Nimmerjahn, F., & Dalakas, M. C. (2015). Intravenous immunoglobulin in neurology [mdash] mode of action and clinical efficacy. Nature Reviews Neurology., **@2015**

84. Schneider, C., Smith, D. F., Cummings, R. D., Boligan, K. F., Hamilton, R. G., Bochner, B. S., ... & von Gunten, S. (2015). The human IgG anti-carbohydrate repertoire exhibits a universal architecture and contains specificity for microbial attachment sites. Science translational medicine, 7(269), 269ra1-269ra1., **@2015**

39. Ignatova Z, **Gousterova A.**, Spassov G., Nedkov P.. Isolation and partial characterization of extracellular keratinase from a wool degrading thermophilic actinomycete strain Thermoactinomyces candidus. Canad. J. Microbiol, 45, 3, 1999, ISSN:1480-3275, 217 - 222. ISI IF:1.072

Цитира се в:

85. Optimization of conditions for production of keratinase by aspergillus flavus by submerged fermnetation, **@2015**

86. Response surface methodology based optimization of keratinase production from alkali-treated feather waste and horn waste using Bacillus sp. MG-MASC-BT, **@2015**

40. Ilieva M., **Pavlov A.**. Rosmarinic acid production by Lavandula vera MM cell suspension culture: nitrogen effect. World Journal of Microbiology and Biotechnology, 15, 6, 1999, 711 - 714. ISI IF:0.57

Цитира се в:

87. Sahraroo A., Mirjalili M.H., Corchete P., Babalar M., Moghadam M.R.F. Establishment and characterization of a Satureja khuzistanica Jamzad (Lamiaceae) cell suspension culture: a new in vitro source of rosmarinic acid. Cytotechnology. In press, 2015, **@2015**

41. Baiu, D. C., Prechl, J., **Tchorbanov, A.**, Molina, H. D., Erdei, A., Capel, P. J.A., Hazenbos, W. L.W.. Modulation of antibody responses by antibody-mediated antigen targeting to complement and Fc receptors.. Journal of Immunology, 162, 6, 1999, 3125 - 3130. ISI IF:7.166

Цитира се в:

88. Kulik, L., Hewitt, F.B., Willis, V.C., Rodriguez, R., Tomlinson, S., Michael Holers, V. A new mouse anti-mouse complement receptor type 2 and 1 (CR2/CR1) monoclonal antibody as a tool to study receptor involvement in chronic models of immune responses and disease. Molecular Immunology 2015, 63 (2), 479-488., **@2015**

42. Prechl, J., **Tchorbanov, A.**, Horvath, A., Baiu, D.C., Hazenbos, W. L.W., Rajnavolgyi, E., Kurucz, I., Capel, P. J.A., Erdei, A.. Targeting of influenza epitopes to murine CR1/CR2 using single-chain antibodies. Immunopharmacol., 42, 1999, 159 - 165. ISI IF:1.43

Цитира се в:

89. Kulik, L., Hewitt, F.B., Willis, V.C., Rodriguez, R., Tomlinson, S., Michael Holers, V. A new mouse anti-mouse complement receptor type 2 and 1 (CR2/CR1) monoclonal antibody as a tool to study receptor involvement in chronic models of immune responses and disease. Molecular Immunology 2015, 63 (2), 479-488., **@2015**

90. Ouellet, E. Advanced technologies for improved discovery of DNA aptamers and characterization of biologic affinity reagents. Thesis/Dissertation 2015, University of

British Columbia, 10.14288/1.0166428; https://open.library.ubc.ca/collections /24/items/1.0166428/source, **@2015**

43. Simeonov I.. Mathematical modeling and parameters estimation of anaerobic fermentation process. Bioprocess Engineering. Bioprocess Engineering, 21, 4, Springer Verlag, 1999, ISSN:11615-7591 (print version) ISSN: 1615-7605 (electronic version), 377 - 381. SJR:0.633, ISI IF:1.815

Цитира се в:

91. López, I., Passeggi, M., & Borzacconi, L. (2015). Validation of a simple kinetic modelling approach for agro-industrial waste anaerobic digesters. Chemical Engineering Journal, 262, 509-516., **@2015**

92. Zayen, A., & Ksibi, H. (2015). Numerical Optimization of Biogas Production through a 3-Steps Model of Anaerobic Digestion: Sensitivity of Biokinetic Constants Values. Journal of Bioremediation & Biodegradation, 2015., **@2015**

93. Draa, K. C., Voos, H., Darouach, M., & Alma, M. A Formal Modeling Framework for Anaerobic Digestion Systems, 2015, 17th UKSIM-AMSS International Conference on Modelling and Simulation., **@2015**

44. Angelova B. Angelova B, Schmauder H-P Lipophilic compounds - interactions with cells and technological problems.. Journal of Biotechnology, 67, 1, 1999, 13 - 32. ISI IF:1.458

Цитира се в:

94. Shen, Y., Zhao, H., Liu, Y., Tang, R., Wang, M. Effect of attapulgite on cell activity of steroid-transforming Arthrobacter simplex (2015) Lecture Notes in Electrical Engineering, 332, pp. 289-295., **@2015**

45. Ivanovska, N, Philipov, S, Hristova, M. Influence of berberine on T-cell mediated immunity. Immunopharmacol. Immunotoxicol, 21, (4), 1999, 771 - 786. ISI IF:0.76

Цитира се в:

95. Casey, S. C., Amedei, A., Aquilano, K., Azmi, A. S., Benencia, F., Bhakta, D., ... & Crawford, S. (2015, April). Cancer prevention and therapy through the modulation of the tumor microenvironment. In Seminars in cancer biology. Academic Press., **@2015**

96. Liu S-, Lee H-, Hung C-, Tsai C-, Li T-, Tang C-. Berberine attenuates CCN2-induced IL-1β expression and prevents cartilage degradation in a rat model of osteoarthritis. Toxicol Appl Pharmacol 2015;289(1):20-29., **@2015**

97. Alamgeer, Hasan UH, Uttra AM, Rasool S. Evaluation of in vitro and in vivo anti-arthritic potential of Berberis calliobotrys. Banladesh J Pharm 2015;10(4):807-819., **@2015**

46. Pashova, S, L. Slokoska, **E. Krumova**, **M. Angelova**. Induction of polymethylgalacturonase biosynthesis by immobilized cells of Aspergillus niger 26. Enzyme Microbiol. Technol., 24, 1999, 535 - 540. ISI IF:1.517

Цитира се в:

98. Sharafi Z. & Sadravi M. 2015. Ten seed borne pathogenic fungi. Plant Pathology Science 4(1):34-45., **@2015**

47. Pashova, S., L. Slokoska, P. Sheremetska, **E. Krumova**, L. Vassileva, **M. Angelova**. Physiological aspects of immobilized Aspergillus niger cells producing polymethylgalacturonase. Process Biochem, 35, 1999, 15 - 19. ISI IF:0.874

Цитира се в:

99. C Feng, S Jin, XX Xia, Y Guan, M Luo, YG Zu Yu-Jie Fu Effective bioconversion of sophoricoside to genistein from Fructus sophorae using immobilized Aspergillus niger and Yeast World Journal of Microbiology and Biotechnology January 2015, Volume 31, Issue 1, pp 187-197, **@2015**

100. Garay-Flores, R.V., Segura-Ceniceros, E.P., De León-Gámez, R., (...), Aguilar, C.N., Ilyina, A. 2015 Production of glucose oxidase and catalase by aspergillus niger free and immobilized in alginate-polyvinyl alcohol beads Journal of General and Applied Microbiology 60 (6), pp. 262-269, **@2015**

48. Nikolaeva, L., **Galabov, A.S.**. In vitro inhibitory effects of dual combinations of picornavirus replication inhibitors. Acta Virologica, 43, 5, AEPress, 1999, ISSN:1336-2305, 303 - 311. ISI IF:0.476

Цитира се в:

101. Bulusu K., Guha R., Mason D., Lewis R., Muratov E., Motamedi Y., Cokol M., Bender A. Modelling of compound combination effects and applications to efficacy and toxicity: state-of-the-art, challenges and perspectives. 2015. Drug Discovery Today, **@2015**

49. Nikolova, P, **Ivanovska, N**. Estimation of immunological properties of flower and root extracts from Paeonia peregrina. Journal of Herbs, Spices and Medicinal Plants, 6, 1999, 1 - 9

Цитира се в:

102. Mobli M, Qaraaty M, Amin G, Haririan I, Hajimahmoodi M, Rahimi R. Scientific evaluation of medicinal plants used for the treatment of abnormal uterine bleeding by Avicenna. Arch Gynecol Obstet 2015;292(1):21-35., **@2015**

50. Lacroix-Desmazes, S., Moreau, A., Sooryanarayana, V, Bonnemain, C., Stieltjes, N., **Pashov, A.**, Sultan, Y., Hoebeke, J., Kazatchkine, M. D., Kaveri, S. V.. Catalytic activity of antibodies against factor VIII in patients with hemophilia A. Nat Med, 5, 9, 1999, 1044 - 1047. ISI IF:26.6

Цитира се в:

103. Hifumi, E., et al. (2015). "Biochemical features and antiviral activity of a monomeric catalytic antibody light-chain 23D4 against influenza A virus." FASEB Journal 29(6): 2347-2358., **@2015**

104. Odintsova, E. S., et al. (2015). "Features of hydrolysis of specific and nonspecific globular proteins and oligopeptides by antibodies against viral integrase from blood of HIV-infected patients." Biochemistry (Moscow) 80(2): 180-201., **@2015**

51. Alexandrov M, Alexandrova R, Alexandrov I, Zacharieva S, Lasarova S, **Doumanova L**, Peshev R, Donev T.. Fluorescent and electron-microscopy immunoassays employing polyclonal and monoclonal antibodies for detection of goose parvovirus infection. J Virol Methods., 79, 1, 1999, DOI:doi:10.1016/S0166-0934(98)00175-X, 21 - 32. ISI IF:1.417

Цитира се в:

105. Huang Y., Zhu Y., Dong S., Yu R., Zhang Y., Li Z., Prokaryotic expression of vp3 gene of Muscovy duck parvovirus, and its antiserum preparation for detection of virus multiplication, Shengwu Gongcheng Xuebao/Chinese Journal of Biotechnology, 2015, 31, 1, 65-74, **@2015**

2000

---

52. Frengova, G., Simova, E., **Beshkova, D.**, Simov, Z., Adilov, E.. Production and monomer composition of exopolysaccharides by yogurt starter cultures.. Canadian Journal of Microbiology, 46, 12, NRC Research Press, 2000, ISSN:0008-4166, DOI:doi: 10.1139/w00-103, 1123 - 1127. SJR:0.49, ISI IF:1.221

Цитира се в:

106. Haj-Mustafa, M., Abdi, R., Sheikh-Zeinoddin , M., Soleimanian-Zad, S. Statistical study on fermentation conditions in the optimization of exopolysaccharide production by Lactobacillus rhamnosus 519 in skimmed milk base media. Biocatalysis and Agricultural Biotechnology. 2015, 4, 4, 521-527., **@2015**

107. Dogan, N.M., Doganli, G.A., Dogan, G. and Bozkaya, O. Characterization of Extracellular Polysaccharides (EPS) Produced by Thermal Bacillus and Determination of Environmental Conditions Affecting Exopolysaccharide Production. International Journal of Environmental Research, 2015, 9, 3, 1107-1116, **@2015**

108. Ibrahim, A.H. Effects of exopolysaccharide-producing starter cultures on physicochemical, rheological and sensory properties of fermented camel's milk. Emir. J. Food Agric. 2015, 27, 4, 374-383, **@2015**

53. **Mileva, M.**, Tantcheva., L, Bakalova, R., **Galabov, A. S.**, Savov, V.M., Ribarov, S.. Effect of vitamin E on lipid peroxidation and liver monooxigenase activity in experimental influenza virus infection. Toxicology Letters, 114, 1-3, Elsevier, 2000, ISSN:0378-4274, DOI:doi:10.1016/S0378-4274(99)00265-9, 39 - 45. ISI IF:3.262

Цитира се в:

109. Stoykova, B., Chochkova, M., Ivanova, G., (...), Stícha, M., Havlícek, D. Synthesis of fluorinated hydroxycinnamoyl derivatives of anti-influenza drugs and their biological activity.. 2015, Chemistry, 24 (3), pp. 340-347, **@2015**

110. Kadiam C. Venkata Subbaiaha, Lokanatha Vallurua, Wudayagiri Rajendrab, Chiteti Ramamurthyc, Chinnasamy Thirunavukkarusuc, Rajagopal Subramanyamd. Newcastle disease virus (NDV) induces protein oxidation and nitration in brain and liver of chicken: Ameliorative effect of vitamin E. The International Journal of Biochemistry & Cell Biology, 64, 2015, 97–106, **@2015**

54. Philipov , S, **Ivanovska, N**, Istatkova, R, Velikova, M, Tuleva, P. Phytochemical study and cytotoxic activity of alkaloids from Ovaria hamae P. Beauv. Pharmazie, 9, 2000, 688 - 689. ISI IF:0.498

Цитира се в:

111. Lúcio ASSC, Almeida JRGDS, da-Cunha EVL, Tavares JF, Barbosa Filho JM. Alkaloids of the Annonaceae: Occurrence and a Compilation of Their Biological Activities. Alkaloids Chem Biol 2015;74:233-409., **@2015**

112. Heravi MM, Nazari N. Bischler-Napieralski reaction in total synthesis of isoquinoline-based natural products. An old reaction, a new application. Curr Org Chem 2015;19(24):2358-2408., **@2015**

55. **Tsekova, K.**, Dentchev, D., **Todorova, D.**. Effect of cadmium and copper on the production of citric acid by Aspergillus niger.. Follia Microbiologica, 45, 4, 2000, ISSN:0015-5632, 331 - 334. ISI IF:0.307

Цитира се в:

113. Ahmad, M.M., Ali, A., Khan, M.A., Abdin, M.Z. Biomolecular characteristics of Aspergillus niger under iadmium metal stress. Environmental Processes, 2(1), 241-250., **@2015**

56. Marinova, E, Nikolova, D, Popva, D, Gallacher, G, **Ivanovska, N**. Suppression of experimental autoimmune tubulonephritis in BALB/c mice by berberine. Immunopharmacology, 48, 2000, 9 - 16. ISI IF:2.25

Цитира се в:

114. Zhang W, Li Y, Chen Z. Selective and sensitive determination of protoberberines by capillary electrophoresis coupled with molecularly imprinted microextraction. J Sep Sci 2015;38(22):3969-3975., **@2015**

115. Kawano M, Takagi R, Kaneko A, Matsushita S. Berberine is a dopamine D1- and D2-like receptor antagonist and ameliorates experimentally induced colitis by suppressing innate and adaptive immune responses. J Neuroimmunol 2015;289:43-55., **@2015**

116. Mahmoudi, M., Zamani Taghizadeh Rabe, S., Balali-Mood, M., Karimi, G., Memar, B., Rahnama, M., ... & Riahi-Zanjani, B. (2015). Immunotoxicity induced in mice by subacute exposure to berberine. Journal of immunotoxicology, 1-8., **@2015**

117. Shi C, Tong Q, Fang J, Wang C, Wu J, Wang W. Preparation, characterization and in vivo studies of amorphous solid dispersion of berberine with hydrogenated phosphatidylcholine. Eur J Pharm Sci 2015;74:11-17., **@2015**

118. Salari, R., Rajabi, O., Khashyarmanesh, Z., & Fazly Bazzaz, B. S. (2015). Characterization of Encapsulated Berberine in Yeast Cells of Saccharomyces cerevisiae. Iranian Journal of Pharmaceutical Research., **@2015**

119. Fateh, S., Dibazar, S. P., & Daneshmandi, S. (2015). Journal of Coastal Life Medicine. Journal of Coastal Life Medicine, 3(9), 718-723., **@2015**

120. Hosseinihashemi, S. K., Anooshei, H., Aghajani, H., & Salem, M. Z. (2015). Chemical Composition and Antioxidant Activity of Extracts from the Inner Bark of Berberis vulgaris Stem. BioResources, 10(4), 7958-7969., **@2015**

121. Aziz, M., Ghareeb, D., Eweda, S., Hussien, H., & Demellawy, M. E. (2015). Immunomodulatory effect of Berberis vulgaris extracts on murine splenocytes and enrichment of dendritic cells in vitro. Biotechnology & Biotechnological Equipment, 29(6), 1149-1155., **@2015**

122. Tan S, Yu W, Lin Z, Chen Q, Shi J, Dong Y, et al. Berberine ameliorates intestinal mucosal barrier damage induced by peritoneal air exposure. Biol Pharm Bull 2015;38(1):122-126., **@2015**

57. **Angelova, M.B.**, Pashova, S.B., Slokoska, L.S.. Comparison of antioxidant enzyme

biosynthesis by free and immobilized Aspergillus niger cells.. Enzyme and Microbial Technology, 26, 7, Elsevier, 2000, ISSN:0141-0229, DOI:DOI:10.1007/s10482-013-9978-1, 544 - 549. ISI IF:1.411

Цитира се в:

123. Shetty M., Chelkar P, Jenitta Emima Packiyam E, Rama Bhat P, Jayadev K., Shetty S., Production, Characterisation and Copper Induction of Fungus Aspergillus Niger, 2015, World Journal of Pharmacy and Pharmaceutical Sciences,4, 06, 609-616, **@2015**

124. Ratnasri P.V, Hemalatha K.P.J. Studies on Immobilized Spores of Aspergillus Fumigatus 396, Themed Section: Science and Technology, 2015, 1, 4, ISSN 2395-1990, **@2015**

58. Galabova D., Tuleva B., **Vasileva-Tonkova E.**, **Christova N.**. Purification and properties of alkaline phosphatase with protein phosphatase activity from Saccharomyces cerevisiae.. Z. Naturforsch., 55c, 2000, ISSN:0939-5075, 588 - 593. ISI IF:0.709

Цитира се в:

125. Yates L.M., Fiedler D. (2015) Establishing the stability and reversibility of protein pyrophosphorylation with synthetic peptides. ChemBioChem., 16, 415-423., **@2015**

2001

---

59. S. Nikolova, Y. Tzvetkov, **H. Najdenski**, A. Vesselinova. Isolation of Pathogenic Yersiniae from Wild Animals in Bulgaria. Journal of Veterinary Medicine, Series B, 48, 3, John Wiley & Sons, 2001, ISSN:0931-1793, DOI:10.1046/j.1439-0450.2001.00448.x, 203 - 209. ISI IF:0.551

Цитира се в:

126. Bancerz-Kisiel, A., Platt-Samoraj, A., Szczerba-Turek, A., Syczyło, K., & Szweda, W. (2015). The first pathogenic Yersinia enterocolitica bioserotype 4/O: 3 strain isolated from a hunted wild boar (Sus scrofa) in Poland. Epidemiology and infection, 1-8., **@2015**

127. von Altrock, A., Seinige, D., & Kehrenberg, C. (2015). Characterization of Yersinia enterocolitica Isolates from Wild Boars Hunted in Lower Saxony, Germany. Applied and environmental microbiology, 81 (14), 4835-4840., **@2015**

60. Milena Popova, Vassya Bankova, Stefan Spassov, **Iva Tsvetkova**, **Christo Naydenski**, Mario Vides Silva, Maria Tsartsarova. New Bioactive Chalcones in Propolis from El Salvador.. Zeitschrift für Naturforschung C, 56, 7-8, De Gruyter, 2001, ISSN:1865-7125, 593 - 596. ISI IF:0.783

Цитира се в:

128. Senthan, S., Srinivasan, S., & Kabilan, S. (2015). Synthesis, Molecular Structure, Spectral, Thermal, and DFT Studies of an Organic Crystal: 1-(benzo [d][1, 3] dioxol-5-yl)-3-phenylprop-2-en-1-One. Molecular Crystals and Liquid Crystals, 609(1), 249-265., **@2015**

61. **Kussovski V.**, Hristov A., Radoucheva T.. Proflavine-mediated inactivation of Salmonella

dublin exposed to visible sunlight in natural fresh water. Microbios, 105, 2001, 119-125, University of Cambridge, 2001, ISSN:00262633, 119 - 125. SJR:0.271

Цитира се в:

129. Bianchi JI, Stockert JC, Buzz LI, Blázquez-Castro A, Simonetta SH (2015) Reliable screening of dye phototoxicity by using a Caenorhabditis elegans fast bioassay. PLoS ONE 10(6): e0128898, **@2015**

62. Scutz J., Dolashka P., **Abrashev R.**, Nikolov P., Voelter W.. Isoaltion and spectroscopic characterization of the structural subunits of keyhole limpet hemocyanin.. Biochim. Biophys. Acta, 1546, 2, Elsevier, 2001, ISSN:0006-3002, DOI:doi:10.1016/S0167-4838(01)00152-2, 325 - 336. ISI IF:3.243

Цитира се в:

130. Tu, X.,,Wang, J, Hao, K., Whitman, D.W., Fan, Y., Cao, G, Zhang, Z. Transcriptomic and proteomic analysis of pre-diapause and non-diapause eggs of migratory locust, Locusta migratoria L. (Orthoptera: Acridoidea) Scientific Reports 2015, 5, Article number 11402, **@2015**

131. Das D., Chakraborty A., Santra, S. C. Characteristics of Metabolic Changes and Antioxidative Response in a Potential Zinc Tolerant Fungal Strain, Aspergillus terreus Proc. Natil Acad. Sci., India Sect. B: Biological Sciences 2015, 1-8., **@2015**

63. Kovatcheva E.,, Koleva I., Ilieva M., **Pavlov A.**, Mincheva M., Konuslieva M.. Antioxidant activity of extracts from Lavandula vera MM cell cultures. Food Chemistry, 72, 2001, 295 - 300. ISI IF:1.156

Цитира се в:

132. Zali H., Zamanian-Azodi M., Tavirani M.R., Baghban A.A.-Z. Protein Drug Targets of Lavandula angustifolia on treatment of Rat Alzheimer′s Disease. Iranian Journal of Pharmaceutical Research. 14(1): 291-302, 2015., **@2015**

133. Kim W.-S., Choi W.J., Lee S., Kim, W.J., Lee D.C., Sohn U.D., ShinH.-S., Kim W. Anti-inflammatory, antioxidant and antimicrobial effects of artemisinin extracts from Artemisia annua L. Korean Journal of Physiology and Pharmacology. 19(1): 21 – 27, 2015., **@2015**

134. Guru M. M. S., Vasanthi M., Achary A. Antioxidant and free radical scavenging potential of crude sulphated polysaccharides from Turbinaria ornate. Biologia. 70(1): 27–33, 2015., **@2015**

135. Geng S., Liu Y., Ma H., Chen C. Extraction and antioxidant activity of phenolic compounds from okra flowers. Tropical Journal of Pharmaceutical Research. 14(5): 807 – 814, 2015., **@2015**

136. Ha G.E., Chang O.K., Han G.S., Ham J.S., Park B.-Y., Jeong S.-G. Comparison of antioxidant activities of hydrolysates of domestic and imported skim milk powders treated with papain. Korean Journal for Food Science of Animal Resources. 35 (3): 360 – 369, 2015., **@2015**

64. Ivanova V., Yankov D., **Kabaivanova, L.**, Pashkoulov D.. Simultaneous biosynthesis and purification of two extracellular Bacillus hydrolases in aqueous two phase systems.. , 2001, ISI IF:1.99

Цитира се в:

137. Tiwari SP., Srivastava R., Singh CS, Shukla K., Singh R K, Singh P, Singh R., Singh NL, Sharma R. Amylases: an overview with special reference to alpha amylase. Journal of Global Biociences 4(1) 2015 1886-1901 ISSN 2320-1355, **@2015**

138. Dash, B.K., Rahman, M.M.,Sarker, P.K. Molecular identification of a newly isolated bacillus subtilis BI19 and optimization of production conditions for enhanced production of extracellular amylase BioMed Research International 2015, Article number 859805, **@2015**

65. Vasileva-Tonkova E., Galabova D., Karpenko E., Shulga A.. Biosurfactant-rhamnolipid effects on yeast cells.. Lett. Applied Microbiol., 33, 2001, ISSN:1472-765X, 280 - 284. ISI IF:1.151

Цитира се в:

139. Rikalović M.G., Vrvić M.M., Karadžić I.M. (2015) Rhamnolipid biosurfactant from Pseudomonas aeruginosa - From discovery to application in contemporary technology. Journal of the Serbian Chemical Society, 80, 279-304., **@2015**

140. Khatisashvili G., Matchavariani L., Ramaz Gakhokidze R. (2015) Improving Phytoremediation of Soil Polluted with Oil Hydrocarbons in Georgia. In: Soil Remediation and Plants. Prospects and Challenges (Hakeem K.R., Sabir M., Öztürk M., Mermut A.R., Eds.), Chapter 19. Elsevier, pp. 547-569., **@2015**

66. Uzunova, K., Vasileva, A.,, **Kambourova, M.,**, Ivanova, V., Spasova, D., Mandeva, R., Derekova, A., Tonkova. Production and properties of a bacterial thermostable exo-inulinase. Zeitschrift fur Naturforschung C, 2001, ISI IF:0.783

Цитира се в:

141. Flores-Gallegos, A. C., Contreras-Esquivel, J. C., Morlett-Chávez, J. A., Aguilar, C. N., & Rodríguez-Herrera, R. (2015). Comparative study of fungal strains for thermostable inulinase production. Journal of bioscience and bioengineering,119(4), 421-426., **@2015**

67. Kambourova, M.,, Tangney, M., Priest F.G.. Regulation of polyglutamic acid synthesis by glutamate in Bacillus licheniformis and Bacillus subtilis. Applied and Environmental Microbiology, 2001, ISI IF:3.688

Цитира се в:

142. Najar, I. N., & Das, S. (2015). POLY-GLUTAMIC ACID (PGA)–STRUCTURE, SYNTHESIS, GENOMIC ORGANIZATION AND ITS APPLICATION: A REVIEW.International Journal of Pharmaceutical Sciences and Research, 6(6), 2258-2280., **@2015**

143. Peng, Y., Jiang, B., Zhang, T., Mu, W., Miao, M., & Hua, Y. (2015). High-level production of poly (γ-glutamic acid) by a newly isolated glutamate-independent strain, Bacillus methylotrophicus. Process Biochemistry, 50 (3), 329-335., **@2015**

144. Cagri-Mehmetoglu, A., M van de Venter - Polymer (2015) Properties of polyglutamic acid produced by Bacillus subtilis ATCC63 in rehydrated whey powder supplemented with different carbon sources. Polymer (Korea) 39(5), 801-808., **@2015**

145. Kongklom, N., Luo, H., Shi, Z., Pechyen, C., Chisti, Y., & Sirisansaneeyakul, S. (2015). Production of poly-γ-glutamic acid by glutamic acid-independent Bacillus licheniformis TISTR 1010 using different feeding strategies.Biochemical Engineering Journal, 100, 67-75., **@2015**

146. Meissner, L., Kauffmann, K., Wengeler, T., Mitsunaga, H., Fukusaki, E., & Büchs, J. (2015). Influence of nitrogen source and pH value on undesired poly (γ-glutamic acid) formation of a protease producing Bacillus licheniformis strain.Journal of industrial microbiology & biotechnology, 1-13., **@2015**

147. MORAES, L., & ALEGRE, R. (2015). ESTUDO DA COMPOSIÇÃO DO MEIO, EFEITO DA TEMPERATURA E DO pH INICIAL NA PRODUÇÃO DO ÁCIDO ɣ -POLIGLUTÂMICO PELOS MICRO-ORGANISMOS Bacillus subtilis NRRL B-41094 e Bacillus subtilis NRRL B-41294. Blucher Chemical Engineering Proceedings, 1(2), 1695-1705., **@2015**

68. Angelova, M., Dolashka-Angelova, P., Ivanova, E., Serkedjieva, J., Slokoska, L., Pashova, S., Toshkova, R., **Vassilev, S.**, **Simeonov, I.**, Hartmann, HJ., Stoeva, S., Weser, U., Voelter, W.. A novel glycosylated Cu/Zn-containing superoxide dismutase: Production and potential therapeutic effect. Microbiology UK, 147, 6, Microbiology Society, 2001, ISSN:1350-0872, 1641 - 1650. ISI IF:2.846

Цитира се в:

148. Tuteja N., Panchanand Mishra, Sandep Yadav, Marjan Tajrishi, Sudhir Baral and Surendra Chandra Sabat. Heterologous expression and biochemical characterization of a highly active and stable chloroplastic CuZn-superoxide dismutase from Pisum sativum , BMC Biotechnology 2015, 15:3. doi:10.1186/s12896-015-0117-0, **@2015**

149. Montero-Moran, G.M.; Sampedro, JG.; Saab-Rincon, G., Cervantes-González MA, Huerta-Ocampo JÁ, De León-Rodríguez A, Barba de la Rosa AP. Biochemical and Molecular Characterization of a Novel Cu/Zn Superoxide Dismutase from Amaranthus hypochondriacus L.: an Intrinsically Disordered Protein. Appl Biochem Biotechnol 2015, 176(8):2328-45. doi: 10.1007/s12010-015-1721-0, **@2015**

150. Nethravathy V. Studies on production and characterization of super oxide dismutase from yeast species, 2015, PhD thesis, Department of Biotechnology, Jawaharlal Nehru Technological University Anantapur, **@2015**

2002

---

69. Z. Kamenarska, M. J. Gasic M. Zlatovic, M. Zlatovic, A. Rasovic, D. Sladic, Z. Kljajic, K. Stefanova, K. Seizova, **H. Najdenski**, A. Kujumgiev, **I. Tsvetkova**, S. Popov. Chemical Composition of the Brown Alga Padina pavonia (L.) Gaill. from the Adriatic Sea. Botanica Marina, 45, Walter de Gruyter, 2002, ISSN:1437-4323, 339 - 345. ISI IF:0.976

Цитира се в:

151. Peng, Y., Hu, J., Yang, B., Lin, X.-P., Zhou, X.-F., Yang, X.-W., Liu, Y. (2015). Chemical composition of seaweeds. Seaweed Sustainability: Food and Non-Food Applications, 79-124., **@2015**

70. Tsekova, K, **D. Todorova**. Copper (II) accumulation and superoxide dismutase activity during growth of Aspergillus niger B-77. Verlag der Zeitschrift für Naturforschung, 57c, 3-4, 2002, ISSN:0939-5075, 319 - 322. ISI IF:0.979

Цитира се в:

152. Cavalcanti Luna, M.A., Vieira, E.R., Okada, K., Campos-Takaki, G.M., do Nascimento, A.E. Copper-induced adaptation, oxidative stress and its tolerance in Aspergillus niger UCP 1261. Electronic Journal of Biotechnology, 2015, 18(6), 418-427, **@2015**

71. Rilka Taskova, Maya Mitova, **Hristo Najdenski**, **Iva Tzvetkova**, Helmut Duddeck. Antimicrobial activity and cytotoxicity of Carthamus lanatus.. Fitoterapia, 73, 6, Elsevier, 2002, DOI:10.1016/S0367-326X(02)00184-3, 540 - 543. ISI IF:0.584

Цитира се в:

153. SULTAN, S. M., DIKSHIT, N., & SIVARAJ, N. (2015). Diversity, distribution and conservation of Saffron Thistle (Carthamus lanatus L.) in mid-high altitude temperate zone of Jammu and Kashmir, India: A DIVA-GIS study. Tropical Ecology, 56(3), 303-310., **@2015**

72. Tuleva, B.K., Ivanov, G.R.,, **Christova, N.E.**. Biosurfactant production by a new Pseudomonas putida strain.. Z. Naturforschung,, 57 c, 3-4, 2002, ISSN:0939-5075, 356 - 360. ISI IF:0.715

Цитира се в:

154. Jin-Feng Liu, Serge Maurice Mbadinga, Shi-Zhong Yang, Ji-Dong Gu and Bo-Zhong Mu. Chemical Structure, Property and Potential Applications of Biosurfactants Produced by Bacillus subtilis in Petroleum Recovery and Spill Mitigation. Int. J. Mol. Sci. , 16(3), 4814-4837, **@2015**

155. Varjani, S.J., Rana, D.P., Jain, A.K., Bateja, S., Upasani, V.N. Synergistic ex-situ biodegradation of crude oil by halotolerant bacterial consortium of indigenous strains isolated from on shore sites of Gujarat, India. International Biodeterioration & Biodegradation,103, 116–124., **@2015**

156. Borges, W.S., Moura, A.A.O., Filho, U.C., Cardoso, V.L., Resende, M.M. Optimization of the operating conditions for rhamnolipid production using slaughterhouse-generated industrial float as substrate. Brazilian Journal of Chemical Engineering, 32(2), 357-365., **@2015**

157. Á Martínez-Toledo, R Rodríguez-Vázquez. Culture media evaluation for biosurfactant production by Pseudomonas putida CB-100 using Plackett-Burman experimental design. African Journal of Microbiology Research. 9(3):161-170., **@2015**

158. Jen-Leih Wu , Jenn-Kan Lu. Marine Microbial Biosurfactin. Book Chapter, Springer Handbook of Marine Biotechnology, pp 1387-1404, **@2015**

159. Mnif, I., Ghribi, D. Microbial derived surface active compounds: properties and screening concept. World Journal of Microbiology and Biotechnology , 31 (7), 1001-1020., **@2015**

160. Nagwa A Atwa. Physiological studies on a locally isolated rhamnolipid producer, Pseudomonas strain. Egyptian Pharmaceutical Journal, 14 (2), 109-116., **@2015**

161. P. Jeevitha, J.Vvandhana Keserkar, J. Hemapriya. Economically Feasible-Bacterial Mediated Biosurfactant Production using Agro Wastes as Carbon Source.International Journal of Scientific Engineering and Technology Research, 4 (30), 5797-5803., **@2015**

162. H. S. Amorim, J. G. M. Brito, P. F. Correa, R. D. Rufino, J.M. Luna, L.A. Sarubo. Formulação do biossurfactante produzido por Candida lipolytica para aplicação na remoção de poluentes ambientais gerados pela indústria de petróleo contidos em água do mar. Congresso Brazileiro de Engenharia Quimica., **@2015**

163. S.O. Jimoh, N.A. Adefioye, R.I. Bakare, R.A. Ibrahim, A.A. Ashorobi. Physicochemical screening of Candida lusitaniae P1during synthesis of biosurfactant

from coconut shel. Malaysian Journal of Microbiology, Vol 11(3) ,pp. 306-312. ISSN (print): 1823-8262, **@2015**

164. J Fu, P Sharma, V Spicer, OV Krokhin, X Zhang, N. Cicek, R. Sparling, D. B. Levin . Quantitative 'Omics Analyses of Medium Chain Length Polyhydroxyalkanaote Metabolism in Pseudomonas putida LS46 Cultured with Waste Glycerol and Waste Fatty Acids. (open access article), PLOS ONE 10 (11)., **@2015**

165. Bhatty, Hardik R. Production purification and applications of lipase from organic solvent tolerant pseudomonas aeruginosa bh 5. PhD Thesis. 2015. Sardar Patel University, Department of Microbiology, India., **@2015**

166. P Bharali. Biochemical and molecular characterization of bacterial biosurfactant. PhD Thesis. 2015. Tezpur University, Department of Molecular Biology and Biotechnology, India., **@2015**

167. Chibuzo Uzoigwe, Christopher J. Ennis Pattanathu K. S. M. Rahman Production of Biosurfactants Using Eco-friendly Microorganisms. Chapter: Environmental Sustainability, 185-204., **@2015**

168. Kiran, G.S., Ninawe, A.S., Lipton, A.N., Pandian, V., J. Selvin. Rhamnolipid biosurfactants: evolutionary implications, applications and future prospects from untapped marine resource, Crit. Rev. Biotechnol., 2, 1–17., **@2015**

169. Anita Loeschcke, Stephan Thies. Pseudomonas putida—a versatile host for the production of natural products. Applied Microbiology and Biotechnology, 99(15), pp 6197-6214., **@2015**

73. Pavlov A., Kovatcheva P., **Georgiev V.,** Koleva I., Ilieva M.. Biosynthesis and Radical Scavenging Activity of Betalains during the Cultivation of Red Beet (Beta vulgaris) Hairy Root Cultures. , 57, Zeitschrift fuer Naturforschung, 2002, 640 - 644. ISI IF:0.783

Цитира се в:

170. Castro-Muñoz R., Barragán-Huerta B.E., Yáñez-Fernández J. Use of gelatin-maltodextrin composite as an encapsulation support for clarified juice from purple cactus pear (Opuntia stricta). LWT - Food Science and Technology. 62(1): 242 – 248, 2015., **@2015**

171. Gandía-Herrero F., Escribano J., & García-Carmona F. Biological Activities of Plant Pigments Betalains. Critical reviews in food science and nutrition, DOI:10.1080/10408398.2012.740103., 2015 in press., **@2015**

172. Sivasakthi, M. and Sangeetha, N. (2015). A Comparative Study of the Physico-Chemical Characteristics of the Ready-to Eat Coconut Based Snack. J Food Process Technol, 6(489), p.2., **@2015**

173. Holásková E., Galuszka P., Frébort I., Öz M.T. Antimicrobial peptide production and plant-based expression systems for medical and agricultural biotechnology. Biotechnology Advances, 33(6): 1005–1023, 2015., **@2015**

174. Zein, H., Hashish, A. E. M. S., Ismaiel, G. H. (2015). The antioxidant and Anticancer Activities of Swiss Chard and Red Beetroot Leaves. Current Science International. 4(4): 491-498. ISSN 2077-4435, **@2015**

74. Czegled A, Herczeg J, Hadjiev G, **Doumanova L**, Wehnmann E, Lomniczi B. The occurrence of five major Newcastle disease virus genotypes (II,IV, V, VI and VIIb) in Bulgaria between 1959 and 1996. Epidemiol. Infect.,, 129, 2002, ISSN:0950-2688, 1 - 10. ISI IF:1.697

Цитира се в:

175. Patti J Miller, Ruth Haddas, Luba Simanov, Avishay Lublin, Shafqat Rehmani, Abdul Wajid, Tasra Bibi, Taseer Ahmed Khan, Tahir Yaqub, Surachmi Setiyaningsih, Claudio L Afonso, Identification of new sub-genotypes of virulent Newcastle disease virus with potential panzootic features.INFECTION, GENETICS AND EVOLUTION: JOURNAL OF MOLECULAR EPIDEMIOLOGY AND EVOLUTIONARY GENETICS IN INFECTIOUS DISEASES 29(2015) 216-229, **@2015**

176. Seetha J, P Toung Ooi, Lai Yee Phang, Z Nazariah B Allaudin, Lai Siong Yip, Yoon Choo, B Keong Lim, S Lemiere, J-C Audonnet, Observation of risk factors, clinical manifestations and genetic characterization of recent Newcastle Disease Virus outbreak in West Malaysia Audonnet, BMC Veterinary Research 2015, 11:219, **@2015**

75. Lacroix-Desmazes, S, Bayry, J, Misra, N, Horn, M, Villard, S, **Pashov, A**, Stieltjes, N, d'Oiron, R, Saint-Remy, J-M, Hoebeke, J, Kazatchkine, M, Reinbolt, J, Mohanty, D, Kaveri, S. The Prevalence of Proteolytic Antibodies against Factor VIII in Hemophilia A. N Engl J Med, 346, 9, 2002, 662 - 667. ISI IF:31.7

Цитира се в:

177. Astermark, J. (2015). "FVIII inhibitors: Pathogenesis and avoidance." Blood 125(13): 2045-2051., **@2015**

178. Karaman, K., et al. (2015). "Diagnostic evaluation of our patients with hemophilia A: 17-year experience." Turk Pediatri Arsivi 50(2): 96-101., **@2015**

76. Frengova, G.I., Simova, E.D., **Beshkova, D.M.**, Simov, Z.I.. Exopolysaccharides produced by lactic acid bacteria of kefir grains. Zeitschrift für Naturforschung C, 2002, 9-10, Verlag der Zeitschrift für Naturforschung, 2002, ISSN:0341-0382, 805 - 810. ISI IF:0.8

Цитира се в:

179. Setyawati, E. Kajian konsentrasi granula kefir dan lama simpan pada suhu refrigerator terhadar kualitas kefir. Widyaiswara BBPP Batu, **@2015**

180. Vamanu, E. Biochemical properties and viability of two thermophilic lactic acid bacteria in a single chamber gastrointestinal tract simulator – GIS1: Partial characterizations. University of Agricultural Sciences and Veterinary Medicine Iasi. Lucrări Ştiinţifice-Seria Zootehnie, 2015, 312-315., **@2015**

181. Bajaj, B. K., Konika, R., Claes, I.J.J., Sarah, L. Probiotic attributes of the newly isolated lactic acid bacteria from infants'gut'. The Journal of Microbiology, Biotechnology and Food Sciences 2015, 5, 2, 109-115., **@2015**

182. Hamet, M.F., Piermaria, J.A., Abraham, A.G. Selection of EPS-producing Lactobacillus strains isolated from kefir grains and rheological characterization of the fermented milks. LWT - Food Science and Technology, 2015, 63, 1, 129-135., **@2015**

77. **Markova N**, **Kussovski V**. Effects of intraperitoneal and intranasal application of Lentinan on cellular response in rats. International Immunopharmacology, 2, 12, Elsevier, 2002, ISSN:1567-5769, DOI:10.1016/S1567-5769(02)00140-6, 1641 - 1645. ISI IF:1.655

Цитира се в:

183. Wang J, Yu G, Li Y, Shen L, Qian Y, Yang J, Wang F Tobacco Research Institute,

Chinese Academy of Agricultural Sciences, 11 Keyuanjing Si Rd., Laoshan District, Qingdao, China. Pesticide Biochemistry and Physiology [2015, 122:38-43], **@2015**

78. Simova, E., **Beshkova, D.**, Angelov, A., Hristozova, T., Frengova, G, Spasov, Z.. Lactic acid bacteria and yeasts in kefir grains and kefir made from them. Journal of Industrial Microbiology and Biotechnology, 28, 1, Springer, 2002, ISSN:1367-5435, DOI:10.1038/sj/jim/7000186, 1 - 6. SJR:0.86, ISI IF:2.439

Цитира се в:

184. Sarikkha, Ph., Rachnarin Nitisoravut, R., Issara Poljungreed, I., Boonyarattanakalin, S. Identification of bacteria and yeast communities in a Thai sugary kefir by Polymerase Chain Reaction-Denaturing Gradient Gel Electrophoresis (PCR-DGGE) analyses. The Journal of Industrial Technology, May – August 2015, 11, 2 , 25-39., **@2015**

185. Zanirati D.B., Abatemarco M., de Cicco Sandes S.H., Nicoli J.R., Nunes A.C., Neumann E. Selection of lactic acid bacteria from Brazilian kefir grains for potential use as starter or probiotic cultures. Anaerobe, 2015, 32, 70-76., **@2015**

186. Gul O., Mortas M., Atalar I., Dervisoglu M., Kahyaoglu T. Manufacture and characterization of kefir made from cow and buffalo milk, using kefir grain and starter culture. Journal of Dairy Science, 2015, 98, 1517-1525., **@2015**

187. Farsad-Naeimi, A., Imani, S., Arefhosseini, S.R., Alizadeh, M. Effect of safflower oil on concentration of conjugated linoleic acid of kefir prepared by low-fat milk. Recent Patents on Food, Nutrition and Agriculture, 2015, 7, 2, 128-133., **@2015**

188. Abdolmaleki, F., Hajibabaei, A. Chemical and microbiological properties of beverages made from camel , goat and bovine whey using kefir starter culture. II International Congress "Food Technology, Quality and Safety", 2015, 149-153., **@2015**

189. Prado, M.R., Blandón, L.M., Vandenberghe, L.P.S., Rodrigues, C., Castro, G.R., Thomaz-Soccol, V., Soccol, C.R. Milk kefir: Composition, microbial cultures, biological activities, and related products. Frontiers in Microbiology, 2015, 6, art.no.01177, **@2015**

190. Abdolmaleki, F., Mazaheri Assadi, M., Akbarirad, H. Assessment of beverages made from milk, soya milk and whey using Iranian kefir starter culture. International Journal of Dairy Technology, 2015, 68, 3, 441 - 447., **@2015**

191. Bogsan, C.S., Nero, L.A., Todorov, S.D. From traditional knowledge to an innovation approach for bio-preservation in food by using lactic acid bacteria. In: Beneficial Microorganisms in Food and Nutraceuticals. 2015, Springer International Publishing, Microbiology Monographs 27, 1-28., **@2015**

192. Xie Y, Zhang H, Liu H, Xiong L, Gao X, Jia H, Lian Z, Tong N, Han T. Hypocholesterolemic effects of Kluyveromyces marxianus M3 isolated from Tibetan mushrooms on diet-induced hypercholesterolemia in rat. Brazilian Journal of Microbiology : [Publication of the Brazilian Society For Microbiology].2015, 46, 2, 389-95., **@2015**

193. Aloglu, H.S., Özer, E.D., Oner, Z., Savas, H.B., UZ, E. Investigation of a Probiotic Yeast as a Cholesterol Lowering Agent on Rats Fed on a High Cholesterol Enriched Diet. Kafkas Uversitesi Veteriner Fakultesi Dergisi, 2015, 21, 5, 685-689., **@2015**

194. Guzman-Rabasa, A.L., Yanez-Fernandez, J. Caracterización microbiológica del consorcio de granos de kéfir de agua. XII ENCUENTRO "PARTICIPACIÓN DE

LA MUJER EN LA CIENCIA", 2015, Mexico., **@2015**

195. Gao, W., Zhang, L., Feng, Z., Liu, H., Shigwedha, N., Han, X., Yi, H., Liu, W., Zhang, S. Microbial diversity and stability during primary cultivation and subcultivation processes of Tibetan kefir. International Journal of Food Science and Technology , 2015, 50, 6, 1468 - 1476., **@2015**

196. Arslan, S. A review: Chemical, microbiological and nutritional characteristics of kefir. CYTA - Journal of Food , 2015, 13, 3. 340 - 345., **@2015**

197. Mei, J., Feng, F., Guo, Q., Li,Y., Wu, Y. Evaluation of freeze-dried Tibetan kefir co-culture as a starter for production of Bod ljong cheese. Food Science and Biotechnology, 2015, 24, 3, 1017-1027., **@2015**

198. Nursiwi, A., Utami, R., Andriani, M., Sari,A.P. Fermentation of cheese whey for kefiran production by kefir grains. Ilmu dan Teknologi Pangan Universitas Sebelas Maret. 2015, 1-9, **@2015**

79. Beshkova, D., Simova, E., Frengova, G., Simov, Z., Spasov, Z.. Effect of oxygen on batch yogurt cultures.. Word Journal of Microbiology and Biotechnology, 18, 4, Springer, 2002, ISSN:0959-3993, 361 - 365. SJR:0.55, ISI IF:1.779

Цитира се в:

199. Oliveira A., Alexandre E.M.C., Coelho M., Lopes C., Almeida D.P.F., Pintad M. Incorporation of strawberries preparation in yoghurt: Impact on phytochemicals and milk proteins. Food Chemistry, 2015, 171, 370-378., **@2015**

80. Beshkova, D., Simova, E., Simov, Z., Frengova, G., Spasov, Z.. Pure cultures for making kefir.. Food Microbiology, 19, 5, Elservier, 2002, ISSN:0740-0020, DOI:doi:10.1006/fmic.2002.0499, 537 - 544. SJR:1.389, ISI IF:3.331

Цитира се в:

200. Kavas. G. Kefir manufactured from camel (Camelus dramedarius) milk and cow milk: Comparison of some chemical and microbial properties. Italian Journal of Food Science, 2015, 27, 3, 357-365., **@2015**

201. Bogsan, C.S., Nero, L.A., Todorov, S.D. From traditional knowledge to an innovation approach for bio-preservation in food by using lactic acid bacteria. In: Beneficial Microorganisms in Food and Nutraceuticals. 2015, Springer International Publishing, Microbiology Monographs 27, 1-28, **@2015**

202. Arslan, S. A review: Chemical, microbiological and nutritional characteristics of kefir. CYTA - Journal of Food, 2015, 13, 3, 340-345, **@2015**

203. Schwan, R.F., Magalhães-Guedes, K.T., DR Dias, D.R. Kefir-grans and beverages: A Review. Scientia Agraria Paranaensis - SAP, 2015, 14, 1, 1-9., **@2015**

81. Samuneva, B., Kadiyska, E., Djambaski, P., Dobreva, E., **Bojadjieva, I.**, **Kabaivanova, L.**. Sol-gel Synthesis of Glassy Hybrid Matrices for Cell Immobilization.. Glass Science and Technology, 2002, ISI IF:0.147

Цитира се в:

204. Moreira T. C., Felismina; P. Moreira-Tavares, Ana; Goreti F. Sales, M. Sol-Gel-Based Biosensing Applied to Medicinal Science. Current Topics in Medicinal Chemistry, 2015;15(3):245-55 (11), **@2015**

82. **Pashov, A.**, Kenderov, A., Kyurkchiev, S., Kehayov, I., Hristova, S., Lacroix-Desmazes, S., Giltiay, N., Sooryanarayana, W., Kazatchkine, M. D., Kaveri, S. V.. Autoantibodies to heat shock protein 90 (HSP90) in the human natural antibody repertoire. Int Immunol, 14, 5, 2002, 453 - 461. ISI IF:3.6

Цитира се в:

205. Ebrahimi, M. and F. A. Asbagh (2015). "The role of autoimmunity in premature ovarian failure." Iranian Journal of Reproductive Medicine 13(8): 461-472., **@2015**

206. Guan, G., et al. (2015). "A member of the HSP90 family from ovine Babesia in China: Molecular characterization, phylogenetic analysis and antigenicity." Parasitology 142(11): 1387-1397., **@2015**

207. Khasbiullina, N. R. and N. V. Bovin (2015). "Hypotheses of the origin of natural antibodies: A glycobiologist's opinion." Biochemistry (Moscow) 80(7): 820-835., **@2015**

83. Kenderov, A., Minkova, V., Mihailova, D., Giltiay, N., Kyurkchiev, S., Kehayov, I., Kaveri, S., Kazatchkine, M., **Pashov, A.**. Lupus specific kidney deposits of HSP90 are associated with altered IgG iditypic interactions of anti-HSP90 autoantibodies. Clin Exp Immunol, 129, 2002, 169 - 176. ISI IF:2.3

Цитира се в:

208. Liu, Y., et al. (2015). "The HSP90 inhibitor ganetespib alleviates disease progression and augments intermittent cyclophosphamide therapy in the MRL/lpr mouse model of systemic lupus erythematosus." PLoS ONE 10(5)., **@2015**

209. Schreiner, A. D. and W. A. Brzezinski (2015). "Acute Kidney Injury, an Id Reaction and HSP90." American Journal of the Medical Sciences 350(2): 157-158., **@2015**

84. **Tsekova, K.**, **Galabova, D.**, Todorova, K., Ilieva, S.. Phosphatase activity and copper uptake during growth of Aspergillus niger.. Process Biochemistry, 37, 7, 2002, ISSN:1359-5113, 753 - 758. ISI IF:0.568

Цитира се в:

210. Ely Nahas, Control of Acid Phosphatases Expression from Aspergillus niger by Soil Characteristics. Brazilian Archives of Biology and Technology, 2015, 58(5), 658-666., **@2015**

85. **Mileva, M.**, Bakalova, R., Tancheva, L., **Galabov, A.**, Ribarov, S.. Effect of vitamin E supplementation on lipid peroxidation in blood and lung of influenza virus infected mice. Comparative Immunology, Microbiology and Infectious Diseases, 25, 1, Elsevier, 2002, DOI:doi:10.1016/S0147-9571(01)00010-8, 1 - 11. ISI IF:0.844

Цитира се в:

211. Stoykova, B., Chochkova, M., Ivanova, G., (...), Stícha, M., Havlícek, D. Synthesis of fluorinated hydroxycinnamoyl derivatives of anti-influenza drugs and their biological activity.. 2015, Chemistry, 24 (3), pp. 340-347, **@2015**

86. Hadjimitova, V., Traikov, T., **Mileva, M.**, Ribarov, S.. Effect of Some Psychotropic Drugs on Luminol - Dependent Chemiluminescence Induced by O2–, •OH, HOCl. Zeitschrift für Naturforschung C, 57, 11-12, 2002, ISSN:ISSN (Print) 0939-5075, DOI:10.1515/znc-2002-11-1220, 1066 - 1071. SJR:0.197, ISI IF:0.552

Цитира се в:

212. Seredenina T., Chiriano G., Filippova A., Nayernia Z., Mahiouta Z., Fioraso-Cartiera L., Plastre O., Scapozza L., Krause K., Jaqueta V. A subset of N-substituted phenothiazines inhibits NADPH oxidases. Free Radical Biology and Medicine. 2015, 86, pp. 239–249, **@2015**

87. **Dimitrova, P**, Skapenko, A, Herrmann, M, Schleyerbach, R, Kalden, JR, Schulze-Koops, H. Restriction of De Novo Pyrimidine Biosynthesis Inhibits Th1 Cell Activation and Promotes Th2 Cell Differentiation. Journal of Immunology, 15, 169, The American Association of Immunologists (AAI), 2002, ISSN:1550-6606, DOI:10.4049/jimmunol.169.6.3392, 3392 - 3399. SJR:1.173, ISI IF:7.014

Цитира се в:

213. Uemoto S, Ozawa K, Kaido T, Mori A, Fujimoto Y: Advantage of tacrolimus/mycophenolate mofetil regimen for cytotoxic T cell-mediated defense and its inhibition by additive steroid administration in high riskful liver transplant recipients. Clinical & Experimental Immunology 2015, DOI: 10.1111/cei.12740., **@2015**

214. Xie Z-X, Zhang H-L, Wu X-J, Zhu J, Ma D-H, Jin T: Role of the Immunogenic and Tolerogenic Subsets of Dendritic Cells in Multiple Sclerosis. Mediators of Inflammation 2015, 2015:20., **@2015**

88. **Mileva, M.**, Bakalova, R., Tantcheva, L., Galabov, A. S.. Effect of immobilization, cold and cold-restraint stress on liver monooxygenase activity and lipid peroxidation of influenza virus-infected mice. Archives of Toxicology, 76, 2, Springer - Verlag, 2002, ISSN:ISSN: 0340-5761, DOI:10.1007/s00204-001-0306-6, 96 - 103. ISI IF:5.98

Цитира се в:

215. Kale, M.K. Thyroid gland in free radical-induced oxidative stress (Book Chapter). 2015, Free Radicals in Human Health and Disease. 159-173, **@2015**

216. Shalan N, Hamo S, Chebani M K. Synthesis, Characterization And Biological Activity Of Metal Complexes With Schiff Bases Derived From [4-Antipyrincarboxaldehyde] With [2-Amino-5-(2- …, **@2015**

89. Z. Kamenarska, S. Dimitrova-Konaklieva, K. Stefanov, **H. NAJDENSKI**, **I. Tzvetkova**, S. Popov. Comparative study of the volatile compounds from some Black Sea brown algae.. Botanica Marina, 45, 6, Walter de Gruyter, 2002, ISSN:1437-4323, 502 - 509. ISI IF:0.976

Цитира се в:

217. Farré-Armengol, G., Filella, I., Llusià, J., Peñuelas, J. (2015). Pollination mode determines floral scent. Biochemical Systematics and Ecology, 61, 44-53., **@2015**

218. Yu, K. X., Wong, C. L., Ahmad, R., & Jantan, I. (2015). Larvicidal activity, inhibition effect on development, histopathological alteration and morphological aberration induced by seaweed extracts in Aedes aegypti (Diptera: Culicidae). Asian Pacific journal of tropical medicine, 8(12), 1006-1012., **@2015**

2003

---

90. **Simeonov I**, **Galabova D.**, Karakashev D.. A simple and rapid test for differentiation of

aerobic from anaerobic bacteria. World Journal of Microbiology and Biotechnology, 19, 3, Springer Netherland, 2003, ISSN:0959-3993, 233 - 238. SJR:0.551, ISI IF:1.779

Цитира се в:

219. Altman, P. W. (2015). BIOLOGICALLY ENHANCED DENSE NON-AQUEOUS PHASE LIQUID DISSOLUTION IN A THREE-DIMENSIONAL SANDSTONE FRACTURE NETWORK (Doctoral dissertation, Colorado School of Mines)., **@2015**

220. Parks, A. N., Chandler, G. T., Ho, K. T., Burgess, R. M., & Ferguson, P. L. (2015). Environmental biodegradability of [14C] single-walled carbon nanotubes by Trametes versicolor and natural microbial cultures found in New Bedford Harbor sediment and aerated wastewater treatment plant sludge. Environmental Toxicology and Chemistry, 34(2), 247-251., **@2015**

221. Zaramella, M., Bottacin-Busolin, A., Tregnaghi, M., & Marion, A. (2015). Exchange of Pollutants Between Rivers and the Surrounding Environment: Physical Processes, Modelling Approaches and Experimental Methods. In Rivers–Physical, Fluvial and Environmental Processes (pp. 567-590). Springer International Publishing., **@2015**

222. Kim, T. G., Yi, T., Lee, J. H., & Cho, K. S. (2015). Long-term survival of methanogens of an anaerobic digestion sludge under starvation and temperature variation. Journal of Environmental Biology, 36(2), 371., **@2015**

223. Scheidweiler, D., Mendoza-Lera, C., & Mutz, M. Coupling the "Smart" Tracer Resazurin and Respiration Determination to Assess Streambed Community Response to Leaf-litter Burial, 2015., **@2015**

224. 刘春香, 李媛媛, 王 萌, & 胡 畔. (2015). 利用刃天青试剂快速检验普通白菜种子活力的研究. 中国蔬菜, 1(7), 49, **@2015**

91. Trusheva, B., M. Popova, V. Bankova, **I. Tsvetkova**, **C. NAYDENSKY**, A.G. Sabatini. A new type of European propolis, containing bioactive labdabes.. , 36, Rivista italiana EPPOS, 2003, ISSN:0392-0445, 3 - 7

Цитира се в:

225. Shehu, A., Rohin, K., Adzim, M., Abd Aziz, A., & Ismail, S. (2015). Antifungal, characteristic properties and composition of bee glue (propolis). Journal of Chemical & Pharmaceutical Research, 7(3)., **@2015**

92. **Kambourova, M**, **Kirilova, N**, Mandeva, R., Derekova, A.. Purification and properties of thermostable lipase from a thermophilic Bacillus stearothermophilus MC 7. Journal of Molecular Catalysis B: Enzymatic, 2003, ISI IF:1.475

Цитира се в:

226. Zhu, Y., Li, H., Ni, H., (...), Li, L., Cai, H. (2015). Molecular cloning and characterization of a thermostable lipase from deep-sea thermophile Geobacillus sp. EPT9World Journal of Microbiology and Biotechnology, 31 (2), pp. 295-306, **@2015**

227. Golaki, B., S. Aminzadeh, A. A. Karkhane, P. Farrokh, S. H. Khaleghinejad, A. A. Tehrani, S. Mehrpooyan. "Cloning, expression, purification, and characterization of lipase 3646 from thermophilic indigenous Cohnella sp. A01." Protein expression and purification (2015), 109, pp. 120-126, **@2015**

228. Muñoz, P. A., Correa-Llantén, D. N., & Blamey, J. M. (2015). Ionic Liquids Increase

the Catalytic Efficiency of a Lipase (Lip1) From an Antarctic Thermophilic Bacterium. Lipids, 50(1), 49-55, **@2015**

229. Ekinci, A. P., Dinçer, B., Baltas, N., & Adigüzel, A. (2015). Partial purification and characterization of lipase from Geobacillus stearothermophilus AH22. Journal of enzyme inhibition and medicinal chemistry, (preprint), 1-7, **@2015**

230. Kanmani, P., J. Aravind, and K. Kumaresan. "An insight into microbial lipases and their environmental facet." International Journal of Environmental Science and Technology (2015), 12 (3), pp. 1147-1162., **@2015**

231. Ji, X., Chen, G., Zhang, Q., Lin, L., & Wei, Y. (2015). Purification and characterization of an extracellular cold-adapted alkaline lipase produced by psychrotrophic bacterium Yersinia enterocolitica strain KM1. Journal of Basic Microbiology, 55 (6), pp. 718-728., **@2015**

232. Cheba, B. A., Zaghloul, T. I., EL-Mahdy, A. R., & EL-Massry, M. H. (2015). Affinity Purification and Immobilization of Chitinase from Bacillus sp. R2.Procedia Technology, 19, 958-964, **@2015**

233. Ji, X., Li, S., Wang, B., (...), Dong, Z.,Wei, Y. (2015). Expression, purification and characterization of a functional, recombinant, cold-active lipase (LipA) from psychrotrophic Yersinia enterocolitica. Protein Expression and Purification, 115, pp. 125-131., **@2015**

234. Salihu, A., & Alam, M. Z. (2015). Solvent tolerant lipases: A review. Process Biochemistry, 50(1), 86-96, **@2015**

235. Christopher, L. P., Zambare, V. P., Zambare, A., Kumar, H., & Malek, L. (2015). A thermo-alkaline lipase from a new thermophile Geobacillus thermodenitrificans AV-5 with potential application in biodiesel production.Journal of Chemical Technology and Biotechnology., **@2015**

236. Akbas, F., Arman, K., Sinirlioglu, Z. A., & Sinirlioglu, D. (2015). MOLECULAR CLONING AND CHARACTERIZATION OF NOVEL THERMOSTABLE LIPASE FROM SHEWANELLA PUTREFACIENS AND USING ENZYMATIC BIODIESEL PRODUCTION. The Journal of Microbiology, Biotechnology and Food Sciences,4(4), 397., **@2015**

93. **Pavlov A.**, **Georgiev V.**, Kovatcheva P.. Relationship between type and age of the inoculum cultures and betalains biosynthesis by Beta vulgaris hairy root culture. Biotechnology Letters, 25, 2003, 307 - 309. ISI IF:0.778

Цитира се в:

237. Gonçalves L.C.P., Marcato A.C., Rodrigues A.C.B., Pagano A.P.E., De Freitas B.C., De Machado C.O., Nakashima K.K., Esteves L.C., Lopes N.B., Bastos E.L. Betalains: From the colors of beetroots to the fluorescence of flowers. Revista Virtual de Quimica. 7(1): 292 – 309, 2015., **@2015**

238. de Aguiar Lage D., da Silva Tirado M., Vanicore Sh.R., de Carvalho Sabino K. C., Albarello N. Production of betalains from callus and cell suspension cultures of Pereskia aculeata Miller, an unconventional leafy vegetable. Plant Cell, Tissue and Organ Culture. 122(2): 341 – 350, 2015., **@2015**

94. Berkov S., **Pavlov A.**, Kovatcheva P., Stanimirova P, Philipov S.. Alkaloid spectrum in diploid and tetraploid hairy root cultures of Datura stramonium. Zeitschrift fur Naturforschung, 58, 1-2, 2003, 42 - 46. ISI IF:0.729

Цитира се в:

239. Nguyen Th.-K.-O., Jamali A., Lanoue A., Gontier E., Dauwe R. Unravelling the architecture and dynamics of tropane alkaloid biosynthesis pathways using metabolite correlation networks. Phytochemistry, 116(1): 94 – 103, 2015., **@2015**

95. **Gousterova A.**, Nustorova M., Goshev I., Christov P., Braikova D., Tishinov K., Haertle T., Nedkov P.. Alkaline hydrolysate of waste sheep wool aimed as fertilizer. Biotechnology and Biotechnological Equipment, 17(2), 140-145.. Biotechnology and Biotechnological Equipment, 17, 2, 2003, ISBN:1301-2818, 5

Цитира се в:

240. Total Elimination of Polluting Chrome Shavings, Chrome, and Dye Exhaust Liquors of Tannery by a Method Using Keratin Hydrolysate, **@2015**

241. Physico-chemical properties of keratin-polyvinyl alcohol composite, **@2015**

96. Bayry, J., Lacroix-Desmazes, S., Carbonneil, C., Misra, N., Donkova, V., **Pashov, A.**, Chevailler, A., Mouthon, L., Weill, B., Bruneval, P., Kazatchkine, M. D., Kaveri, S. V.. Inhibition of maturation and function of dendritic cells by intravenous immunoglobulin. Blood, 101, 2, 2003, 758 - 765. ISI IF:10.1

Цитира се в:

242. Séïté, J. F., et al. (2015). "Review: Intravenous immunoglobulin and B cells: When the product regulates the producer." Arthritis and Rheumatology 67(3): 595-603., **@2015**

243. Łaguna, P., et al. (2015). "Immunoglobulins and their use in children." Advances in Clinical and Experimental Medicine 24(1): 153-159., **@2015**

244. Milongo, D., et al. (2015). "Interference of therapeutic antibodies used in desensitization protocols on lymphocytotoxicity crossmatch results." Transplant Immunology 32(3): 151-155., **@2015**

245. Cantarini, L., et al. (2015). "Intravenous immunoglobulins (IVIG) in systemic sclerosis: a challenging yet promising future." Immunologic Research 61(3): 326-337., **@2015**

246. Matucci, A., et al. (2015). "Mechanisms of action of Ig preparations: Immunomodulatory and anti-inflammatory effects." Frontiers in Immunology 6(JAN)., **@2015**

247. Qian, L., et al. (2015). "Immune complex negatively regulates toll-like receptor 9-mediated immune responses in B cells through the inhibitory Fc-gamma receptor IIb." Microbiology and Immunology 59(3): 142-151., **@2015**

97. Simova, E.D., Frengova, G.I., **Beshkova, D.M.**. Effect of aeration on the production of carotenoid pigments by Rhodotorula rubra-Lactobacillus casei subsp. casei co-cultures in whey ultrafiltrate.. Zeitschrift für Naturforschung, 58c, 3/4, Verlag der Zeitschrift für Naturforschung, 2003, ISSN:0939-5075, 225 - 229. SJR:0.2, ISI IF:0.776

Цитира се в:

248. Червякова, О.П., Шакир, И.В., Суясов, Н.А., Панфилов, В.И. Факторы, влияющие на биосинтез каротеноидов дрожжами Rhodotorula rubra. Химическая промышленность сегодня", 2015, 5., **@2015**

249. Dias, C., Sousa, S., Caldeira, J., Reis, A., da Silva, T.L. New dual-stage pH control fed-batch cultivation strategy for the improvement of lipids and carotenoids production by the red yeast Rhodosporidium toruloides NCYC 921. Bioresource Technology, 2015, 189, 309–318., **@2015**

98. Muller, D., Lievremont, D., **Simeonova, D.D.**, Hubert, J.-C., Lett, M.-C.. Arsenite oxidase aox genes from a metal-resistant beta-proteobacterium. J Bacteriol, 185, 1, ASM, 2003, ISSN:0021-9193, DOI:DOI: 10.1128/JB.185.1.135-141.2003, 135 - 141. SJR:2.475, ISI IF:4.175

Цитира се в:

250. Biotransformation of arsenite and bacterial aox activity in drinking water produced from surface water of floating houses: Arsenic contamination in Cambodia, **@2015**

251. Isolation of Arsenic-Resistant Bacteria from Bengal Delta Sediments and their Efficacy in Arsenic Removal from Soil in Association with Pteris vittata, **@2015**

252. Fundamentals and Application Potential of Arsenic-Resistant Bacteria for Bioremediation in Rhizosphere: A Review, **@2015**

253. Construction of the recombinant broad-host-range plasmids providing their bacterial hosts arsenic resistance and arsenite oxidation ability, **@2015**

254. Impact of Arsenic on the Environment and ist Microbial Transformation, **@2015**

255. Arsenite Oxidation and Arsenite Resistance by Bacillus sp. PNKP-S2, **@2015**

256. Diseño de un biosensor para la detección de arsénico - See more at: http://www.bdigital.unal.edu.co/51967/#sthash.I9s03xV2.dpuf, **@2015**

257. Involvement of the Acr3 and DctA anti-porters in arsenite oxidation in Agrobacterium tumefaciens 5A, **@2015**

258. Constitutive arsenite oxidase expression detected in arsenic-hypertolerant Pseudomonas xanthomarina S11, **@2015**

259. Arsenite Oxidation by Pseudomonas arsenicoxydans Immobilized on Zeolite and Its Potential Biotechnological Application, **@2015**

99. **Markova N**, **Kussovski V**. Protective activity of Lentinan in experimental tuberculosis. International Immunopharmacology, 3, 10, Elsevier, 2003, ISSN:1567-5769, DOI:10.1016/S1567-5769 (03) 00178-4, 1557 - 1562. ISI IF:2.203

Цитира се в:

260. Wang J, G Yu, Y Li, L Shen, Y Qian, J Yang F Wang. Inhibitory effects of sulfated lentinan with different degree of sulfation against tobacco mosaic virus (TMV) in tobacco seedlings. Pesticide Biochemistry and Physiology, 122: 38-43 (2015), **@2015**

100. Salvatore De Rosa, Zornitsa Kamenarska, Kamen Stefanov, Stefka Dimitrova-Konaklieva, **Chavdar Najdenski**, **Iva Tzvetkova**, Valeria Ninova, Simeon Popov. Chemical Composition of Corallina mediterranea Areschoug and Corallina granifera Ell. et Soland. A Journal of Biosciences: Zeitschrift für Naturforschung C (ZNC), 58, 5-6, 2003, ISSN:1865-7125, DOI:10.1515/znc-2003-5-606, 325 - 332. SJR:0.197, ISI IF:0.642

Цитира се в:

261. Kumar, J., Dhar, P., Tayade, A. B., Gupta, D., Chaurasia, O. P., Upreti, D. K., ... &

Srivastava, R. B. (2015). Chemical Composition and Biological Activities of Trans-Himalayan Alga Spirogyra porticalis (Muell.) Cleve. PloS one, 10(2), e0118255., **@2015**

101. Hristova, M, Yordanov, M, **Ivanovska, N**. Effect of fangchinoline in murine models of multiple organ dysfunction syndrome and septic shock. Inflammation Research, 52, Springer, 2003, 1 - 7. ISI IF:1.5

Цитира се в:

262. Sun Y, Li L, Wu J, Yu P, Li C, Tang J, et al. Bovine recombinant lipopolysaccharide binding protein (BRLBP) regulated apoptosis and inflammation response in lipopolysaccharide-challenged bovine mammary epithelial cells (BMEC). Mol Immunol 2015;65(2):205-214, **@2015**

102. **Beshkova, D.**, Simova, E., Frengova, G., Simov, Z., Dimitrov, Z.. Production of volatile aroma compounds by kefir starter cultures. International Dairy Journal, 13, 7, Elsevier, 2003, ISSN:0958-6946, DOI:doi:10.1016/S0958-6946(03)00058-X, 529 - 535. SJR:0.939, ISI IF:2.008

Цитира се в:

263. Temiz, H., Kezer, G. Effects of Fat Replacers on Physicochemical, Microbial and Sensorial Properties of Kefir Made Using Mixture of Cow and Goat's Milk. Journal of Food Processing and Preservation, 2015, 39, 6, 1421 - 1430., **@2015**

264. Centeno J.A., Carballo J. Chapter 3. Starter and adjunt microbial cultures used in the manufacture of fermented and/or cured or ripened meat and dairy products, p. 35-54. In: Benefical Microbes in Fermented and Functional Foods. Rai V.R. and Bai J.A. (Eds). 2015, CRC Press Taylor & Francis Group., **@2015**

265. Atalar I., Dervisoglu M. Optimization of spray drying process parameters for kefir powder using response surface methodology. LWT– Food Science and Technology, 2015, 60, 751-757., **@2015**

266. Pereira, C.D., Henriques, M., Gomes, D., Gouveia, R., Gomez-Zavaglia, A., de Antoni, G. Fermented dairy products based on ovine cheese whey. Journal of Food Science and Technology, 2015, 52, 11, 7401-7408, **@2015**

267. Cais-Sokolińska, D., Wójtowski, J., Pikul, J., Danków, R., Majcher, M., Teichert, J., Bagnicka, E. Formation of volatile compounds in kefir made of goat and sheep milk with high polyunsaturated fatty acid content. Journal of Dairy Science, 2015, 98, 10, 6692-6705, **@2015**

268. Salmerón, I., Loeza-Serrano, S., Pérez-Vega, S., Pandiella, S.S. Headspace gas chromatography (HS-GC) analysis of imperative flavor compounds in Lactobacilli-fermented barley and malt substrates. Food Science and Biotechnology, 2015, 25, 4, 1363-1371, **@2015**

269. Владимировна, О. Ж. Разработка технологии кефирного продукта, обогащенногонизкомолекулярными производными хитозана (сукцинатом хитозана). Дисертация, 2015, ГНУ «Поволжский научно-исследовательский институт производства и переработки мясомолочной продукции» Российской Академии Сельскохозяйственной Академии Волгоград, **@2015**

270. Abdolmaleki, F ., Mazaheri Assadi, M., Akbarirad, H. Assessment of beverages made from milk, soya milk and whey using Iranian kefir starter culture. International Journal of Dairy Technology, 2015, 68, 3, 441–447., **@2015**

271. Tyc O, Zweers H, de Boer W and Garbeva. Volatiles in Inter-Specific Bacterial Interactions. Frontiers in Microbiology, 2015, 6, 1412, **@2015**

272. Schwan, R.F., Magalhães-Guedes, K.T., DR Dias, D.R. Kefir-grans and beverages: A Review. Scientia Agraria Paranaensis - SAP, 2015, 14, 1, 1-9., **@2015**

273. Akyol, I., Ozcelik, F.G., Karakas-Sen, A., Ozkose, E., Gezginc, Y., Ekinci, M.S. Cloning and Overexpression of the als, pflA, and adhB Genes in Streptococcus thermophilus and Their Effects on Metabolite Formation. Molecular Biotechnology, 2015, 57, 10, 923-930., **@2015**

103. Tsekova, K., **Galabova, D.**. Phosphatase production and activity in copper(II) accumulating Rhizopus dlemar. Enzyme and Microbial Technology, 33, 7, 2003, DOI:10.1016/j.enzmictec.2003.06.001, 926 - 931. ISI IF:1.411

Цитира се в:

274. Nahas, E. Control of acid phosphatases expression from Aspergillus niger by soil characteristics. Brazilian Archives of Biology and Technology, 2015, 58(5), 658-666, **@2015**

104. Petrova, P., Miteva, V., Ruiz, J.A., del Solar, G.. Structural and functional analysis of pt38, a 2.9 kb plasmid of Streptococcus thermophilus yogurt strain. Plasmid, 50, 3, Elsevier Inc., 2003, ISSN:0147-619X, DOI:10.1016/S0147-619X(03)00064-7, 176 - 189. SJR:0.84, ISI IF:1.406

Цитира се в:

275. Cui Y., Hu T., Qu X., Zhang L., Ding Z., Dong A. Plasmids from Food Lactic Acid Bacteria: Diversity, Similarity, and New Developments. International journal of molecular sciences, 2015, vol. 16(6), 13172-13202., **@2015**

105. Angelova B. Fernandes P, Cruz A, Angelova B, Pinheiro HM, Cabral JMS. 2003. Microbial conversion of steroid compounds: recent developments.. Enzyme and Microbial Technology, 32, 6, 2003, 688 - 705. ISI IF:1.501

Цитира се в:

276. Bai, Y., Zhang, L., Jin, W., Wei, M., Zhou, P., Zheng, G., Niu, L., Nie, L., Zhang, Y., Wang, H., Yu, L. In situ high-valued utilization and transformation of sugars from Dioscorea zingiberensis C.H. Wright for clean production of diosgenin (2015) Bioresource Technology, 196, pp. 642-647., **@2015**

277. Xu, M., Huo, X.-K., Tian, X.-G., Dong, P.-P., Wang, C., Huang, S.-S., Zhang, B.-J., Zhang, H.-L., Deng, S., Ma, X.-C. Microbial transformation of diosgenin by Cunninghamella blakesleana AS 3.970 and potential inhibitory effects on P-glycoprotein of its metabolites (2015) RSC Advances, 5 (95), pp. 78081-78089., **@2015**

278. Shao, M., Zhang, X., Rao, Z., Xu, M., Yang, T., Li, H., Xu, Z. Enhanced production of androst-1,4-diene- 3,17-dione by Mycobacterium neoaurum JC- 12 using three-stage fermentation strategy (2015) PLoS ONE, 10 (9), art. no. e0137658, **@2015**

279. Gerber, A., Kleser, M., Biedendieck, R., Bernhardt, R., Hannemann, F. Functionalized PHB granules provide the basis for the efficient side-chain cleavage of cholesterol and analogs in recombinant Bacillus megaterium (2015) Microbial Cell Factories, 14 (1), art. no. 107., **@2015**

280. Wu, Y., Li, H., Zhang, X.-M., Gong, J.-S., Rao, Z.-M., Shi, J.-S., Zhang, X.-J., Xu, Z.-H. Efficient hydroxylation of functionalized steroids by Colletotrichum lini ST-1 (2015) Journal of Molecular Catalysis B: Enzymatic, 120, art. no. 3193, pp. 111-118., **@2015**

281. Decloedt, A.I., Bailly-Chouriberry, L., Vanden Bussche, J., Garcia, P., Popot, M.-A., Bonnaire, Y., Vanhaecke, L. In vitro simulation of the equine hindgut as a tool to study the influence of phytosterol consumption on the excretion of anabolic-androgenic steroids in horses (2015) Journal of Steroid Biochemistry and Molecular Biology, 152, art. no. 4425, pp. 180-192., **@2015**

282. Liu, C., Zhang, X., Rao, Z.-M., Shao, M.-L., Zhang, L.-L., Wu, D., Xu, Z.-H., Li, H. Mutation breeding of high 4-androstene-3,17-dione-producing Mycobacterium neoaurum ZADF-4 by atmospheric and room temperature plasma treatment (2015) Journal of Zhejiang University: Science B, 16 (4), pp. 286-295., **@2015**

283. Nassiri-Koopaei, N., Faramarzi, M.A. Recent developments in the fungal transformation of steroids (2015) Biocatalysis and Biotransformation, 33 (1), pp. 1-28., **@2015**

284. Lin, C.-W., Wang, P.-H., Ismail, W., Tsai, Y.-W., Nayal, A.E., Yang, C.-Y., Yang, F.-C., Wang, C.-H., Chiang, Y.-R. Substrate uptake and subcellular compartmentation of anoxic cholesterol catabolism in Sterolibacterium denitrificans (2015) Journal of Biological Chemistry, 290 (2), pp. 1155-1169., **@2015**

106. **Vasileva-Tonkova E.**, Galabova D.. Hydrolytic enzymes and surfactants of bacterial isolates from lubricant-contaminated wastewater.. Z. Naturforsch., 58c, 2003, ISSN:0939-5075, 87 - 92. ISI IF:0.642

Цитира се в:

285. Bharali P. (2015) Biochemical and molecular characterization of bacterial biosurfactant. PhD Thesis, Tezpur University, India, **@2015**

107. **Simeonov I.**, Stoyanov S.. Modelling and dynamic compensator control of the anaerobic digestion of organic wastes. Chemical and Biochemical Engineering Quarterly, 17, 4, THE OFFICIAL JOURNAL OF CROATIAN SOCIETY OF CHEMICAL ENGINEERS, FACULTY OF CHEMICAL ENGINEERING AND TECHNOLOGY, University of Zagreb SLOVENIAN CHEMICAL SOCIETY AND AUSTRIAN ASSOCIATION OF BIOPROCESS TECHNOLOGY, 2003, ISSN:Online ISSN 1846-5153 Print ISSN 0352-9568, 285 - 292. ISI IF:0.802

Цитира се в:

286. Jimenez, J., Latrille, E., Harmand, J., Robles, A., Ferrer, J., Gaida, D., ... & Mendez-Acosta, H. (2015). Instrumentation and control of anaerobic digestion processes: a review and some research challenges. Reviews in Environmental Science and Bio/Technology, 14(4), 615-648, **@2015**

287. Fedailaine, M., Moussi, K., Khitous, M., Abada, S., Saber, M., & Tirichine, N. (2015). Modeling of the Anaerobic Digestion of Organic Waste for Biogas Production. Procedia Computer Science, 52, 730-737., **@2015**

288. Zayen, A., & Ksibi, H. (2015). Numerical Optimization of Biogas Production through a 3-Steps Model of Anaerobic Digestion: Sensitivity of Biokinetic Constants Values. Journal of Bioremediation & Biodegradation, 2015, **@2015**

108. **Stoitsova S.**, Boteva R., Doyle R.J.. Binding of hydrophobic ligands by Pseudomonas aeruginosa PA-I lectin.. Biochim. Biophys. Acta, 1619, 2003, ISSN:0304-4165, 213 - 219.

ISI IF:2.577

Цитира се в:

289. 1. AV Grishin, MS Krivozubov, AS Karyagina, AL Gintsburg, Pseudomonas aeruginosa lectins as targets for novel antibacterials. Acta Naturae 2015, 2(25), 29-41., **@2015**

109. Bayry, J., Lacroix-Desmazes, S., **Pashov, A.**, Stahl, D., Hoebeke, J., Kazatchkine, M. D., Kaveri, S. V.. Autoantibodies to factor VIII with catalytic activity. Autoimmun Rev, 2, 1, 2003, 30 - 35

Цитира се в:

290. Shetty, S. and K. Ghosh (2015). "Novel therapeutic approaches for haemophilia." Haemophilia 21(2): 152-161., **@2015**

2004

---

110. **Christova, N.,**, Tuleva, B., Lalchev, Z.,, Jordanova, A., Jordanov, B.. Rhamnolipid Biosurfactants Produced by Renibacterium salmoninarum 27BN during Growth on n-Hexadecane.. Z. Naturforschung,, 59 c, 1-2, 2004, ISSN:0939-5075, 70 - 74. ISI IF:0.715

Цитира се в:

291. Chibuzo Uzoigwe, Christopher J. Ennis, Pattanathu K. S. M. Rahman. Production of Biosurfactants Using Eco-friendly Microorganisms. Book Chapter, Environmental Sustainability, pp 185-204. ISBN 978-81-322-2055-8, **@2015**

292. Kiran, G.S., Ninawe, A.S., Lipton, A.N., Pandian, V., J. Selvin. Rhamnolipid biosurfactants: evolutionary implications, applications and future prospects from untapped marine resource. Critical Reviews in Biotechnology, 2, 1-17., **@2015**

293. J. H. Kügler, M. Le Roes-Hill, C. Syldatk, R.Hausmann. Surfactants tailored by the class Actinobacteria. Front Microbiol. 6, 212., **@2015**

294. G Lan, Q Fan, Y Liu, C Chen, G Li, Y Liu, X. Yin. Rhamnolipid production from waste cooking oil using Pseudomonas SWP-4. Biochemical Engineering Journal, 101, 44–54., **@2015**

295. A.K. Yadav, A. Tyagi, A. Kumar, S. Panwar, S. Grover, A. Ch. Saklani, R. Hemalatha, V. Kumar Batish. Adhesion of Lactobacilli and Their Anti-infectivity Potential. Critical Reviews in Food Science and Nutrition., **@2015**

296. S.O. Jimoh, N.A. Adefioye, R.I. Bakare, R.A. Ibrahim, A. A. Ashorob. Physicochemical screening of Candida lusitaniae P1 during synthesis of biosurfactant from coconut shell. Malaysian Journal of Microbiology, 11 (3), 306-312. ISSN (print): 1823-8262, **@2015**

297. T. Tabuchi, D. Martínez, M. Hospinal, F. Merino, S. Gutiérrez. Optimización y modificación del método para la detección de ramnolípidos. Revista Peruana de Biología, 22 (2), 247-258., **@2015**

298. LG Angelina, R Carmen. Protocols for Investigating Hydrocarbon-Oxidizing Bacterial Communities in Polar Seas and Ice. Protocol. Part of the series Springer Protocols Handbooks, 1-18., **@2015**

299. G. G. F. Leite, J. V. Figueirôa, T. C. Mendes de Almeida, J. L. Valões, W. F. Marques, M. D. D. C. Duarte, K. Gorlach-Lira. Production of Rhamnolipids and Diesel Oil Degradation by Bacteria Isolated from Soil Contaminated by Petroleum. Biotechnology Progress, (online), **@2015**

111. Popova, M., V. Bankova, **H. NAYDENSKI**, **I. Tsvetkova**, A. Kujumgiev. Comparative study of the biological activity of propolis from different geographic origin: a statistical approach.. Macedonian Pharmaceutical Bulletin, 50, 1, 2004, ISSN:1409 - 8695, 9 - 14

Цитира се в:

300. Ait Abderrahim, L., Abdellah, F., & Boukraa, L. (2015). The Importance of Botanical Origin for Api-products as Antibiotics. Anti-Infective Agents, 13(1), 28-35., **@2015**

301. Mahmoud, U. T., Abdel-Rahman, M. A. M., Darwish, M. H. A., Applegate, T. J., & Cheng, H. W. (2015). Behavioral changes and feathering score in heat stressed broiler chickens fed diets containing different levels of propolis. Applied Animal Behaviour Science, 166, 98-105., **@2015**

112. **Vasileva-Tonkova E.**, Gesheva V.. Potential for biodegradation of hydrocarbons by microorganisms isolated from Antarctic soils.. , 59c, 2004, 140 - 145. ISI IF:0.715

Цитира се в:

302. Angelina L.G., Carmen R. (2015) Protocols for Investigating Hydrocarbon-Oxidizing Bacterial Communities in Polar Seas and Ice. Springer Protocols Handbooks, pp. 1-18., **@2015**

113. **Simeonova, D.D.**, Lievremont, D., Lagarde, F., Muller, D.A.E., Groudeva, V.I., Lett, M.-C.. Microplate screening assay for the detection of arsenite-oxidizing and arsenate-reducing bacteria. FEMS MICROBIOLOGY LETTERS, 237, 2, 2004, ISSN:ISSN: 0378-1097, DOI:DOI: 10.1016/j.femsle.2004.06.040, 249 - 253. SJR:0.914, ISI IF:1.84

Цитира се в:

303. Metagenome of a Microbial Community Inhabiting a Metal-Rich Tropical Stream Sediment, **@2015**

304. Isolation of Arsenic-Resistant Bacteria from Bengal Delta Sediments and their Efficacy in Arsenic Removal from Soil in Association with Pteris vittata, **@2015**

305. Arsenite Oxidation and Arsenite Resistance by Bacillus sp. PNKP-S2, **@2015**

306. Effective role of indigenous microorganisms for sustainable environment, **@2015**

307. Arsenite Oxidation by Pseudomonas arsenicoxydans Immobilized on Zeolite and Its Potential Biotechnological Application, **@2015**

308. Bioprospecting arsenite oxidizing bacteria in the soil of the Comarca Lagunera, **@2015**

309. Isolation and characterization of an aerobic bacterial consortium able to degrade roxarsone, **@2015**

114. **Alexievaa Z, Gerginova M, Zlateva P, Peneva N**, **Alexievaa Z**, **Peneva N**. Comparison of growth kinetics and phenol metabolizing enzymes of Trichosporon cutaneum R57 and mutants with modified degradation abilities.. Enzyme and Microbial Technology, 34, 3-4,

2004, 242 - 247. ISI IF:1.759

Цитира се в:

310. Mao, Z., Yu, C., Xin, L. Enhancement of phenol biodegradation by Pseudochrobactrum sp. through ultraviolet-induced mutation (2015) International Journal of Molecular Sciences, 16 (4), pp. 7320-7333., **@2015**

311. Ge, Q., Yue, X., Wang, G. Simultaneous heterotrophic nitrification and aerobic denitrification at high initial phenol concentration by isolated bacterium Diaphorobacter sp. PD-7 (2015) Chinese Journal of Chemical Engineering, 23 (5), pp. 835-841., **@2015**

115. Boryana Trusheva, Milena Popova, **Hristo Naydenski**, **Iva Tsvetkova**, Jose Gregorio Rodriguez, Vassya Bankova. New polyisoprenylated benzophenones from Venezuelan propolis. Fitoterapia, 75, 7-8, Elsevier, 2004, ISSN:0367326X, DOI:10.1016/j.fitote.2004.08.001, 683 - 689. ISI IF:1.042

Цитира се в:

312. Benhanifia, M., & M Mohamed, W. (2015). Phenolics Constituents of Different Types of Propolis and their Antimicrobial Activities. Anti-Infective Agents, 13(1), 17-27., **@2015**

313. da Silva, R. O., Andrade, V. M., Rêgo, E. S. B., Dória, G. A. A., dos Santos Lima, B., da Silva, F. A., ... & Gomes, M. Z. (2015). Acute and sub-acute oral toxicity of Brazilian red propolis in rats. Journal of ethnopharmacology, 170, 66-71., **@2015**

314. Mayworm, M. A., Fernandes-Silva, C. C., Salatino, M. L., & Salatino, A. (2015). A simple and inexpensive procedure for detection of a marker of Brazilian alecrim propolis. Journal of Apicultural Research, 54(1), 36-39., **@2015**

315. Silva-Carvalho, R., Baltazar, F., & Almeida-Aguiar, C. (2015). Propolis: A Complex Natural Product with a Plethora of Biological Activities That Can Be Explored for Drug Development. Evidence-Based Complementary and Alternative Medicine, 2015., **@2015**

116. Berkov S., **Pavlov A.**. A rapid densitometric method for the analysis of hyoscyamine and scopolamine in solanaceous plants and their transformed root cultures. Phytochem Analysis, 15, 3, 2004, 141 - 145. ISI IF:1.385

Цитира се в:

316. Altemimi A., Lightfoot D.A., Kinsel M., Watson D.G. Employing Response Surface Methodology for the Optimization of Ultrasound Assisted Extraction of Lutein and β-Carotene from Spinach. Molecules 20: 6611 – 6625, 2015., **@2015**

317. Petruczynik A., Cieśla Ł.M. Thin-layer chromatography in the analysis of biologically active ionic and ionizable compounds. JPC - Journal of Planar Chromatography - Modern TLC. In press, 2015., **@2015**

117. Ivanova, V., Graefe, U., Schlegel, B., Kolarova, M., Aleksieva, K., **Najdenski, H.**, **Tzvetkova, I.**, Chipeva, V.. Usnic acid, metabolite from Neuropogon sp., an antarctic lichen isolation, structure elucidation and biological activity.. Biotechnology and Biotechnological Equipment, 18, 1, 2004, ISSN:1310-2818, 66 - 71. ISI IF:0.622

Цитира се в:

318. Kosanić, M., & Ranković, B. (2015). Lichen secondary metabolites as potential antibiotic agents. In Lichen Secondary Metabolites (pp. 81-104). Springer International Publishing., **@2015**

118. Christova N.,, B. Tuleva and B. Damyanova.. Enhanced Hydrocarbon Biodegradation by a Newly Isolated Bacillus subtilis Strain.. Z. Naturforschung,, 59 c, 2004, ISSN:0939-5075, 205 - 208. ISI IF:0.715

Цитира се в:

319. J. Sangeetha, D. Thangadurai, M. David, J. Shrinivas. Molecular and Genomic Approaches for Microbial Remediation of Petroleum Contaminated Soils. In: Genomics and Proteomics: Principles, Technologies, and Applications. Chapter 14, 368-391., **@2015**

320. M. Bomberg , M. Arnold, P. Kinnunen. Characterization of the Bacterial and Sulphate Reducing Community in the Alkaline and Constantly Cold Water of the Closed Kotalahti Mine. Minerals 5(3), 452-472, **@2015**

321. Arun Kumar Pradhan , Nilotpala Pradhan. Microbial Biosurfactant for Hydrocarbons and Heavy Metals Bioremediation. Environmental Microbial Biotechnology, 45 of the series Soil Biology, 91-104, **@2015**

119. Frengova, G., Simova, E., **Beshkova, D.**. Improvement of carotenoid-synthesizing yeast by chemical mutagens. Zeitschrift für Naturforschung, 59c, 2004, ISSN:0939-5075, 99 - 103. SJR:0.197, ISI IF:0.552

Цитира се в:

322. Kanzy H.M., Nasr N.F., El-Sharzly H.A.M., Barakat O.S. Optimization of carotenoids production by yeast strains of Rhodotorula using salted cheese whey. International Journal of Current Microbiology and Applied Sciences 2015, 4, 456-469., **@2015**

323. Pennach M.G.C., Rodriquez-Fernandez D.E., Vendruscolo F., Maranho L.T., Marc I., da Costa Cardoso L.A. A comparison of cell disruption procedures for the recovery of intracellular carotenoids from Sporobolomyces ruberrimus H110. International Journal of Applied Biology and Pharmaceutical Technology, 2015, 6,136-143., **@2015**

120. José Antonio Bengoechea, **Hristo Najdenski**, Mikael Skurnik. Lipopolysaccharide O antigen status of Yersinia enterocolitica O:8 is essential for virulence and absence of O antigen affects the expression of other Yersinia virulence factors. Molecular Microbiology, 52, 2, John Wiley & Sons Ltd, 2004, ISSN:1365-2958, DOI:10.1111/j.1365-2958.2004.03987.x, 451 - 469. ISI IF:5.959

Цитира се в:

324. DI LORENZO, F. L. A. V. I. A. N. A., DE CASTRO, C. R. I. S. T. I. N. A., LANZETTA, R., PARRILLI, M., SILIPO, A., & MOLINARO, A. (2015). Lipopolysaccharides as Microbe-associated Molecular Patterns: A Structural Perspective. Carbohydrates in Drug Design and Discovery, 38., **@2015**

325. Kasperkiewicz, K., Swierzko, A. S., Bartlomiejczyk, M. A., Cedzynski, M., Noszczynska, M., Duda, K. A., ... & Skurnik, M. (2015). Interaction of human mannose-binding lectin (MBL) with Yersinia enterocolitica lipopolysaccharide. International Journal of Medical Microbiology, 305(6), 544-552., **@2015**

326. Leskinen, K., Varjosalo, M., Li, Z., Li, C. M., & Skurnik, M. (2015). The expression of the Yersinia enterocolitica O: 3 lipopolysaccharide O-antigen and outer core gene clusters is RfaH-dependent. Microbiology, 161, 6, 1282-1294., **@2015**

327. Thoden, J. B., Vinogradov, E., Gilbert, M., Salinger, A. J., & Holden, H. M. (2015). Bacterial Sugar 3, 4-Ketoisomerases: Structural Insight into Product Stereochemistry. Biochemistry, 54(29), 4495-4506., **@2015**

328. Shevchenko, J. I., Shilina, J. V., Pozur, V. K., & Skurnik, M. (2015). Effect of waaL ligase gene deletion on motility and stress adaptation reactions of Y. enterocolitica 6471/76. Cytology and Genetics, 49(6), 358-363., **@2015**

329. Fàbrega, A., Ballesté-Delpierre, C., Vila, J. (2015). Antimicrobial Resistance in Yersinia enterocolitica. Antimicrobial Resistance and Food Safety: Methods and Techniques, 77-104., **@2015**

121. Simova, E., Frengova, G, **Beshkova, D.**. Synthesis of carotenoids by Rhodotorula rubra GED8 co-cultured with yogurt starter cultures in whey ultrafiltrate. Journal of Industrial Microbilogy and Biotechnology, 31, 3, Springer, 2004, ISSN:1367-5435, DOI:10.1007/s10295-004-0122-0, 115 - 121. SJR:0.86, ISI IF:2.439

Цитира се в:

330. Roso G.R., Queiroz M.I., Streit N.M., de Menezes C.R., Zepka L.Q., Jacob_Lopes E. The bioeconomy of microalgal carotenoid-rich oleoresins produced in agroindustrial biorefineries. Chemical Engineering & Process Technology, 2015, 6, 1, 1-7., **@2015**

331. Konuray, G., Erginkaya, Z. Antimicrobial and antioxidant properties of pigments synthesized from microorganisms. In: The Battle Against Microbial Pathogens: Basic Science, Technological Advances and Educational Programs (A. Méndez-Vilas, Ed.) FORMATEX 2015, 27-33, **@2015**

332. Nguyen, H.H.V., Nguyen, L.T. Carrot processing. In: Handbook of vegetable Preservation and Processing, Section III Processed Vegetables and Specialties. Y. H. Hui, E. Özgül Evranuz. (Eds) Second Edition, Publisher: CRC Press, 2015, Chapter 20, 449-478., **@2015**

333. Du, C., Li, Y., Guo, Y., Han, M., Zhang, W., Qian, H. Torularhodin, isolated from Sporidiobolus pararoseus, inhibits human prostate cancer LNCaP and PC-3 cell growth through Bcl-2/Bax mediated apoptosis and AR down-regulation. RSC Advance, 2015, 5, 129, 106387-106395., **@2015**

334. Obruca S., Benesova P., Kusela D., Petric S., Marova I. Biotechnological conversion of spent coffe grounds into polyhydroxyalkanoates and carotenoids. New Biotechnology, 2015, 32, 6, 569-573, **@2015**

122. Simova, E., Frengova, G., **Beshkova, D.**. Exopolysaccharides produced by mixed culture of yeast Rhodotorula rubra GED10 and yogurt starter (Streptococcus thermopilus 13a+Lactobacillus bulgaricus 2-11). Journal of Applied Microbiology, 97, 3, Wiley, 2004, ISSN:1365-2672, DOI:10.1111/j.1365-2672.2004.02316.x, 512 - 519. SJR:0.83, ISI IF:2.479

Цитира се в:

335. Gientka, I., Błażejak, S., Stasiak-Różańska, L., Chlebowska-Śmigiel, A. Exopolysaccharides from yeast: Insight into optimal conditions for biosynthesis, chemical composition and functional properties - Review. Acta Sci. Pol. Technol. Aliment., 2015, 14, 4, 283–292, **@2015**

123. Kamenarska, Z., Stefanov, K., Dimitrova-Konaklieva, S., **Najdenski, H.**, **Tsvetkova, I.**, Popov, S.. Chemical composition and biological activity of the brackish-water green alga Cladophora rivularis (L.) Hoek. Botanica Marina, 47, 3, De Gruyter, 2004, ISSN:1437-4323, 215 - 221. ISI IF:0.983

Цитира се в:

336. Abdel-Aal, E. I., Haroon, A. M., & Mofeed, J. (2015). Successive solvent extraction and GC–MS analysis for the evaluation of the phytochemical constituents of the filamentous green alga Spirogyra longata. The Egyptian Journal of Aquatic Research, 41(3), 233-246., **@2015**

124. **Markova N**. Synthesis of copolymer brushes endowed with adhesion to stainless steel surfaces and antibacterial properties by controlled nitroxide-mediated radical polymerization.. Langmuir, 20, 24, ACS Publications, 2004, ISSN:0743-7463, DOI:10.1021/la048347t, 10718 - 10726. ISI IF:3.295

Цитира се в:

337. Pang LQ, LJ Zhong, HF Zhou, XE Wu Grafting of ionic liquids on stainless steel surface for antibacterial application. Colloids and Surfaces B: Biointerfaces. 126: 162–168 (2015), **@2015**

338. Matrella S, C Vitiello, M Mella Giovanni Vigliotta Lorella Izzo. The Role of Charge Density and Hydrophobicity on the Biocidal Properties of Self-Protonable Polymeric Materials. Macromolecular Bioscience, 15: 927–940 (2015), **@2015**

339. Phan TNT, J Jestin, D Gigmes. Nitroxide- Mediated Polymerization from Surfaces. Advances in Polymer Science 270: 1-27 (2015), **@2015**

125. Groudieva, T., **Kambourova, M.**, Yusef, H., Royter, M., Grote, R., Trinks, H., Antranikian, G. Diversity and cold-active hydrolytic enzymes of culturable bacteria associated with Arctic sea ice, Spitzbergen.. Extremophiles, 2004, ISI IF:1.897

Цитира се в:

340. Bowman, J. S. (2015). The relationship between sea ice bacterial community structure and biogeochemistry: A synthesis of current knowledge and known unknowns. Elementa: Science of the Anthropocene, 3(1), 000072., **@2015**

341. Emampour, M., Noghabi, K. A., & Zahiri, H. S. (2015). Molecular cloning and biochemical characterization of a novel cold-adapted alpha-amylase with multiple extremozyme characteristics. Journal of Molecular Catalysis B: Enzymatic, 111, 79-86., **@2015**

342. Miao, Z., Du, Z.J., Li, H.R., Lou, Y.Y.,Luo, W. 2015. Analysis of bacterial diversity in the phycosphere of five Arctic microalgae. Source of the DocumentShengtai Xuebao/ Acta Ecologica Sinica, 35 (5), pp. 1587-1600, **@2015**

343. Suzuki M, Aki A, Mizuki T, Maekawa T, Usami R, Morimoto H (2015) Encouragement of Enzyme Reaction Utilizing Heat Generation from Ferromagnetic Particles Subjected to an AC Magnetic Field. PLoS ONE 10(5): e0127673. doi:10.1371/journal.pone.0127673, **@2015**

344. Valk, V., Eeuwema, W., Sarian, F.D.,van der Kaaij, R.M., Dijkhuizen, L. 2015. Degradation of granular starch by the bacterium Microbacterium aurum strain B8.A involves a modular α-amylase enzyme system with FNIII and CBM25 domains. Applied and Environmental Microbiology, 81 (19), pp. 6610-6620, **@2015**

345. Vester, J.K., Glaring, M.A., Stougaard, P. 2015. An exceptionally cold-adapted alpha-amylase from a metagenomic library of a cold and alkaline environment. Applied Microbiology and Biotechnology, 99 (2), 717-727., **@2015**

346. Yadav, A. N., Sachan, S. G., Verma, P., Kaushik, R., & Saxena, A. K. (2015). Cold active hydrolytic enzymes production by psychrotrophic Bacilli isolated from three sub-glacial lakes of NW Indian Himalayas. Journal of Basic Microbiology., **@2015**

126. **Stoitsova S.**, Ivanova R., Dimova I.. Lectin-binding epitopes at the surface of Escherichia coli K-12: examination by electron microscopy, with special reference to the presence of a colanic acid-like polymer.. J. Basic Microbiol., 44, 2004, 296 - 304. ISI IF:0.839

Цитира се в:

347. Ц. Паунова-Кръстева, Фенотипни вариации, свързани с полизахаридните антигени при Escherichia coli O157. Докторска дисертация, Институт по микробиология, Бан, София 2015, **@2015**

127. Bogoeva V., Radeva M., Atanasova L., **Stoitsova S**, Boteva R.. Fluorescence analysis of hormone binding activities of wheat germ agglutinin,. Biochim. Biophys. Acta, 1698, 2004, ISSN:0304-4165, 213 - 218. ISI IF:2.141

Цитира се в:

348. AV Demidenko, NV Kudryakova, NN Karavaiko, AS Kazakov, GN Cherepneva, GV Shevchenko, SE Permyakov, ON Kulaeva, R Oemueller, Kuznetsov VV, The ABA-binding protein AA1 of Lupinus luteus is involved in ABA-mediated responses.Russian J Plant Physiol, 2015, 62, 161-170., **@2015**

349. S. Huang, F. Zhu, Q. Qian, Q. Xiao, W. Su, Thermodynamic investigation of interaction between [(η6-p-cymene) RuII(acetone-N4-phenylthiosemicarbazone)Cl]Cl anticancer drug and human serum albumin: spectroscopic and electrochemical studies. Biol. Trace Elem. Res. 2015, 164, 150-161., **@2015**

2005

128. **Gousterova A.**, **Vasileva-Tonkova E.**, Dimova E., Nedkov P., Haertlé T.. Keratinase production by newly isolated Antarctic actinomycete strains.. World J. Microbiol. Biotechnol., 21, 2005, ISSN:0959-3993, 831 - 834. ISI IF:0.634

Цитира се в:

350. Gegeckas A., Gudiukaite R., Debski J., Citavicius D. (2015) Keratinous waste decomposition and peptide production by keratinase from Geobacillus stearothermophilus AD-11. International Journal of Biological Macromolecules, 75, 158-165., **@2015**

351. Mlaik N., Bouzid J., Hassan I.B., Woodward S., Elbahri L., Mechichi T. (2015) Unhairing wastewater treatment by Bacillus pumilus and Bacillus cereus. Desalination and Water Treatment, 54, 683-689., **@2015**

352. Lee Y.J., Jeong H., Park G.S., Kwak Y., Lee S.J., Lee S.J., Park M.K., Kim J.Y., Kang H.K., Shin J.H., Lee, D. W. (2015) Genome sequence of a native-feather degrading extremely thermophilic Eubacterium, Fervidobacterium islandicum AW-1. Standards in genomic sciences, 10(1), DOI: 10.1186/s40793-015-0063-4, **@2015**

353. Hassan M.A., Serour E.A., Haroun B.M., Amara A.A. (2015) Enzymatic studies for improving wool quality. International Journal of Current Research, 7, 2015, 14867-14873., **@2015**

354. Hariram N. (2015) Industrial Enzyme: Isolation and purification of extracellular keratinase enzyme from feather waste. IJSART, 1, 2395-1052., **@2015**

355. Rayudu K. (2015) Biodegradation of poultry feathers by novel keratinolytic bacterial isolates of north east karnataka. PhD Thesis, Gulbarga University., **@2015**

356. Femi-Ola T.O., Akinbobola O.S., Oluwaniyi T.T. (2015). Isolation and characterization of feather degrading bacteria from poultry soil. AGRICULTURE AND BIOLOGY JOURNAL OF NORTH AMERICA, 6(5), 146-154., **@2015**

129. Boteva R., Bogoeva V., **Stoitsova S.**. PA-I lectin from Pseudomonas aeruginosa binds acyl homoserine lactones.. Biochim. Biophys. Acta, 1747, 2005, ISSN:0304-4165, 143 - 149. ISI IF:2.98

Цитира се в:

357. 1. AV Grishin, MS Krivozubov, AS Karyagina, AL Gintsburg, Pseudomonas aeruginosa lectins as targets for novel antibacterials. Acta Naturae 2015, 2(25), 29-41., **@2015**

130. Gocheva, Y., **E. Krumova**, L. Slokoska, V. Gesheva, **M. Angelova**. Isolation of filamentous fungi from Antarctica.. Compt. rend. Acad. bulg. Sci., 58, 4, 2005, 403 - 408

Цитира се в:

358. Garza-López, P.M., Suárez-Vergel, G., Hamdan-Partida, A., Loera, O. 2015 Variations in oxygen concentration cause differential antioxidant response and expression of related genes in Beauveria bassiana Fungal Biology 119 (4), pp. 257-263, **@2015**

131. Borjana Tuleva,, **Nelly Christova**, Bojidar Jordanov , Boryana Nikolova-Damyanova, Petar Petrov.. Naphthalene Degradation and Biosurfactant Activity by Bacillus cereus 28BN.. Z. Naturforschung.,, 60c, 2005, ISSN:0939-5075, 577 - 582. ISI IF:0.602

Цитира се в:

359. Rizzo, C., Michaud, L., Graziano, M., Hausmann, R., Lo Giudice, A. Biosurfactant activity, heavy metal tolerance and characterization of Joostella strain A8 from the Mediterranean polychaete Megalomma claparedei (Gravier, 1906). Ecotoxicology, 24 (6), 1294-1304., **@2015**

360. Cao, J., Ji, D., Wang, C. Interaction between earthworms and arbuscular mycorrhizal fungi on the degradation of oxytetracycline in soils. Soil Biology and Biochemistry , 90, 6288, 283-292., **@2015**

361. Mnif, I., Ghribi, D. Microbial derived surface active compounds: properties and screening concept . World Journal of Microbiology and Biotechnology, 31(7), 1001-1020., **@2015**

362. I. A. Larik , M. A. Qazi , A. R. Kanhar , S. Mangi , S. Ahmed , M. R. Jamali , N. A. Kanhar. Biodegradation of Petrochemical Hydrocarbons Using an Efficient Bacterial Consortium:A2457. Arabian Journal for Science and Engineering, 1-10., **@2015**

363. F. Kafilzadeh, A. Khosrobak, H. Jamali. Isolation and Identification of Phenanthrene Degrading Bacteria from the Soil around Oil Company of Andimeshk and

Investigation of Their Growth Kinetics. Polycyclic Aromatic Compounds, **@2015**

364. V Musale, SB Thakar. Review: Biosurfactant and Hydrocarbon Degradation. Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences, 1-25., **@2015**

132. **Abrashev, R.,**, Dolashka, P, Christova, R.,, Nikolov P.,, Stefanova, L.,, **Angelova, M.**. Role of antioxidant enzymes in survival of conidiospores of Aspergillus niger 26 under conditions of temperature stress. Journal of Applied Microbiology, (4), 99, 2005, 902 - 909. ISI IF:2.127

Цитира се в:

365. Das D., A. Chakraborty, S.C. Santra. Characteristics of metabolic changes and antioxidative response in a potential zinc tolerant fungal strain, Aspergillus terreus. Proc. Nat. Acad. Sci., India, Section B: Biol. Sci. 2015, 1-8., **@2015**

133. **Pavlov A.**, Kovatcheva P., Tuneva D., Ilieva M., Bley Th.. Radical scavenging activity and stability of betalains from Beta vulgaris hairy root culture in simulated conditions of human gastrointestinal tract.. Plant Foods for Human Nutrition, 60, 2, 2005, 43 - 47. ISI IF:0.472

Цитира се в:

366. Kim M.J, Paki JE., Park S.H., han J.H., Choi J-H., L H. Quality characteristics of noodles supplements with dried Beta vulgaris L. root powder. J. Korean Soc. Food Sci. Nutr. 44(2): 302-306, 2015., **@2015**

367. Chandra D., Choi A.J., Kim Y.P., Kim J.G. Physicochemical, microbial and sensory quality of fresh-cut red beetroots in relation to sanitization method and storage duration. Italian Journal of Food Science. 27(2): 80 – 92, 2015., **@2015**

134. **Pavlov A.**, **Georgiev V.**, Ilieva M.. Betalain biosynthesis by red beet (Beta vulgaris L.) hairy root culture. Process Biochemistry, 40, 2005, 1531 - 1533. ISI IF:1.796

Цитира се в:

368. Clifford T., Howatson G., West D.J., Stevenson E.J. The Potential Benefits of Red Beetroot Supplementation in Health and Disease. Nutrients. 7(4): 2801-2822, 2015., **@2015**

135. Yordanov, M, **Dimitrova, P**, Patkar, S, Falcocchio, S, Saso, S, **Ivanovska, N**. Ibogaine reduces organ colonization in murine systemic and gastrointestinal Candida albicans infections. J. Med. Microbiol, 54, 2005, 118 - 7. ISI IF:1.78

Цитира се в:

369. Leelahavanichkul A, Somparn P, Bootprapan T, Tu H, Tangtanatakul P, Nuengjumnong R, et al. High-dose ascorbate with low-dose amphotericin b attenuates severity of disease in a model of the reappearance of candidemia during sepsis in the mouse. Am J Physiol Regul Integr Comp Physiol 2015;309(3):R223-R234., **@2015**

136. **Angelova, M.B.**, Pashova, S.B., **Spasova, B.K.**, **Vassilev, S.V.**, Slokoska, L.S.. Oxidative stress response of filamentous fungi induced by hydrogen peroxide and paraquat. Mycological Research, 109, 2, The British Mycological Society, 2005, DOI:DOI: 10.1017/S0953756204001352, 150 - 158. ISI IF:1.572

Цитира се в:

370. Dalilla Carvalho Rezende, Maurício Batista Fialho, Simone Cristiane Brand, Silvia Blumer and Sérgio Florentino Pascholati Antimicrobial activity of volatile organic compounds and their effect on lipid peroxidation and electrolyte loss in Colletotrichum gloeosporioides and Colletotrichum acutatum mycelia. African Journal of Microbiology Research, 2015, 9(23), 1527-1535, **@2015**

371. Rogov.A. G. R. A. Zvyagilskaya. Physiological role of alternative oxidase (from yeasts to plants). Biochemistry (Moscow), 2015, 80, Issue 4, 400-407, **@2015**

372. Garcia-Ortiz, N., Tlecuitl-Beristain, S., Favela-Torres, E., et al. Production and quality of conidia by Metarhizium anisopliae var. lepidiotum: critical oxygen level and period of mycelium competence, 2015, Appl Microbiol Biotechnol, 99, 6, 2783-2791, **@2015**

373. Roukas T. The role of oxidative stress on carotene production by Blakeslea trispora in submerged fermentation, Critical Reviews in Biotechnology, DOI: 10.3109/07388551.2014.989424, Published online: 20 Jan 2015, **@2015**

374. Ong Mei Kying, Asgar Ali, Antifungal action of ozone against Colletotrichum gloeosporioides and control of papaya anthracnose, Postharvest Biol. Technol., 2015, 100, 113–119, **@2015**

375. Walberg E.D. A Critical Analysis Of Claims Of Radiosynthesis By Fungi. Thesis May, 2015, University Of Wisconsin-La Crosse, **@2015**

376. Selim, K.A., El-Beih, A.A., AbdEl-Rahman, T.M., El-Diwany, A.I. High Expression Level of Antioxidants and Pharmaceutical Bioactivities of Endophytic Fungus Chaetomium Globosum JN711454. Prep. Biochem. Biotechnol. doi:10.1080/10826068.2014.995809, **@2015**

377. do Carmo Silva L., Castro SV, Bringel Pires L, Alves de Oliveira CM, Conceição da Silva C, Coelho NP, Bailão AM, Parente-Rocha JA, Soares CM, Ruiz OH, Ochoa JG, Pereira M.Transcriptome profile of the response of paracoccidioides spp. To a camphene thiosemicarbazide derivative. PLOS ONE, 2015, DOI: 10.1371/journal.pone.0130703, **@2015**

378. Garcia-Barreda S., Molina-Grau S., Reyna S. Reducing the infectivity and richness of ectomycorrhizal fungi in a calcareous Quercus ilex forest through soil preparations for truffle plantation establishment: A bioassay study, Fungal Biology, 2015, 119, 11, 1137–1143, **@2015**

379. Wang Guokun, Haijun Wang, Xiaochao Xiong, Shulin Chen, Dongyuan Zhang, Mitochondria thioredoxin's backup role in oxidative stress resistance in Trichoderma reesei, Microbiological Research, 171, 2015, 32–38, **@2015**

380. Chenyang Li, Liang Shi, Dongdong Chen, Ang Ren, Tan Gao, Mingwen Zhao. Functional analysis of the role of glutathione peroxidase (GPx) in the ROS signaling pathway, hyphal branching and the regulation of ganoderic acid biosynthesis in Ganoderma lucidum. Fungal Genetics and Biology, 2015, 82, 168–180, **@2015**

381. Khan A., Aijaz Ahmad, Luqman Ahmad Khan, Carolyn J. Padoa, Sandy van Vuuren, Nikhat Manzoor. Effect of two monoterpene phenols on antioxidant defense system in Candida albicans, Microbial Pathogenesis, 2015, 80, 50–56, **@2015**

137. A. Ivanova, B. Mikhova, **H. Najdenski**, **I. Tsvetkova**, I. Kostova. Antimicrobial and cytotoxic activity of Ruta graveolens. Fitoterapia, 76, 3-4, Elsevier, 2005, ISSN:0367-326X, DOI:10.1016/j.fitote.2005.02.008, 344 - 347. SJR:0.816, ISI IF:0.845

Цитира се в:

382. Giresha, A. S., Anitha, M. G., & Dharmappa, K. K. (2015). PHYTOCHEMICAL COMPOSITION, ANTIOXIDANT AND IN-VITRO ANTI-INFLAMMATORY ACTIVITY OF ETHANOL EXTRACT OF RUTA GRAVEOLENS L. LEAVES. International Journal of Pharmacy and Pharmaceutical Sciences, 7(11), 272-276., **@2015**

383. Kacem, M., Kacem, I., Simon, G., Mansour, A. B., Chaabouni, S., Elfeki, A., & Bouaziz, M. (2015). Phytochemicals and biological activities of Ruta chalepensis L. growing in Tunisia. Food Bioscience, 12, 73-83., **@2015**

384. Mulat, M. Chali, K Tariku, Y Bacha, K. (2015). Evaluation for in-vitro antibacterial activity of selected medicinal plants against food-borne pathogens. International Journal of Pharmaceutical Sciences Review and Research, 32 (2), 45-50., **@2015**

385. Patil, A. G., & Jobanputra, A. H. (2015). Rutin-Chitosan Nanoparticles: Fabrication, Characterization and Application in Dental Disorders. Polymer-Plastics Technology and Engineering, 54(2), 202-208., **@2015**

386. Tosun, G., Arslan, T., İskefiyeli, Z., Küçük, M., Karaoğlu, Ş. A., & Yaylı, N. (2015). Synthesis and biological evaluation of a new series of 4-alkoxy-2-arylquinoline derivatives as potential antituberculosis agents. Turkish Journal of Chemistry, 39, 850-866., **@2015**

138. **Pashov, A.**, Canziani, G., Monzavi-Karbassi, B., Kaveri, S. V., Macleod, S., Saha, R., Perry, M., Vancott, T. C., Kieber-Emmons, T.. Antigenic properties of peptide mimotopes of HIV-1-associated carbohydrate antigens. J Biol Chem, 280, 32, 2005, 28959 - 28965. ISI IF:5.85

Цитира се в:

387. Eggink, L. L., et al. (2015). "A peptide mimetic of 5-acetylneuraminic acid-galactose binds with high avidity to siglecs and NKG2D." PLoS ONE 10(6)., **@2015**

139. **Simeonova, D.D.**, Micheva, K., Muller, D.A.E., Lagarde, F., Lett, M.-C., Groudeva, VI, Lievremont, D.. Arsenite oxidation in batch reactors with alginate-immobilized ULPAs1 strain. BIOTECHNOLOGY AND BIOENGINEERING, 91, 4, JOHN WILEY & SONS INC, 111 RIVER ST, HOBOKEN, NJ 07030 USA, 2005, ISSN:ISSN: 0006-3592, 441 - 446. SJR:1.051, ISI IF:2.483

Цитира се в:

388. Comparative genome analysis of Lysinibacillus B1-CDA, a bacterium that accumulates arsenics, **@2015**

140. **Danova S.**, Petrov K., Pavlov P., **Petrova P.**. Isolation and characterization of Lactobacillus strains involved in koumiss fermentation. International Journal of Dairy Technology, 58, 2, Wiley-Blackwell, 2005, ISSN:1471-0307, DOI:10.1111/j.1471-0307.2005.00194.x, 100 - 105. SJR:0.514, ISI IF:0.647

Цитира се в:

389. Chen Y., Aorigele C., Wang C., Simujide H., Yang S. Screening and Extracting Mycocin Secreted by Yeast Isolated from Koumiss and Their Antibacterial Effect. Journal of Food and Nutrition Research, 2015, vol. 3 (1), 52-56., **@2015**

390. Renchinkhand G., Park Y. W., Song G.-Y., Cho S.-H., Urgamal M., Bae H. C., Choi J., Nam M. S. Identification of β-Glucosidase activity of Enterococcus faecalis CRNB-A3 in Airag and its potential to convert ginsenoside Rb1 from Panax Ginseng. Journal of Food Biochemistry, 2015, doi: 10.1111/jfbc.12201., **@2015**

391. Bogsan C.S., Nero, L.A., Todorov S.D. From traditional knowledge to an innovative approach for bio-preservation in food by using Lactic acid bacteria. In: Beneficial Microorganisms in Food and Nutraceuticals, Microbiology Monographs, Liong M.-T. (Ed.), Tome 27, pp. 1-36, Springer, 2015, ISBN 97833192317761, ISSN 1862-5576, DOI: 10.1007/978-3-319-23177-8_1., **@2015**

141. **Boyadzhieva I.**, Emanuilova E.. Characteristics of bacterial strain superoxide dismutase producer, isolated from Bulgarian thermal spring. Journal of culture collections, 2005, ISI IF:0.918

Цитира се в:

392. Durána P., Acuñaa J., Gianfredab L., Azcónc R. , Funes-Colladod V., Mora M. Endophytic selenobacteria as new inocula for selenium biofortification. Applied Soil Ecology, 96 : 319–326, 2015, **@2015**

142. **Markova N**, **Kussovski V**. Combined immunomodulating effects of BCG and Lentinan after intranasal application in guinea pigs. International Immunopharmacology, 5, 4, Elsevier, 2005, ISSN:1567-5769, DOI:10.1016/j.intimp.2004.12.008, 795 - 803. ISI IF:2.47

Цитира се в:

393. Zhou, Zijing, et al. "Chinese FDA Approved Fungal Glycan-Based Drugs: An Overview of Structures, Mechanisms and Clinical Related Studies." Translational Medicine 2014 (2015)., **@2015**

394. Santa, H. S. D., Romão, P. R. T., Sovrani, V., Oliveira, F. R., Peres, A., & Monteiro, M. C. (2015). Dietary Polysaccharides and Immune Modulation.Polysaccharides: Bioactivity and Biotechnology, 1991-2016, **@2015**

395. Wang, Z. (2015). Progress in the Study of the Biological Activities and Extraction and Purification of Edible Mushroom Polysaccharides. Advances in Microbiology, 2015, 4(3), 45-54, **@2015**

143. **Vasileva-Tonkova E.**, Gesheva V.. Glycolipids produced by Antarctic Nocardioides sp. during growth on n-paraffin.. Process Biochemistry, 40, 2005, ISSN:1359-5113, 2387 - 2391. ISI IF:1.796

Цитира се в:

396. Kiran G.S., Ninawe A.S., Lipton A.N., Pandian V., Selvin J. (2015) Rhamnolipid biosurfactants: evolutionary implications, applications and future prospects from untapped marine resource. Critical Reviews in Biotechnology, DOI: 10.3109/07388551.2014.979758, **@2015**

397. Kügler JH, Le Roes-Hill M, Syldatk C, Hausmann R. (2015) Surfactants tailored by the class Actinobacteria. Front Microbiol., 6:212, DOI: 10.3389/fmicb.2015.00212, **@2015**

144. Goshev I., **Gousterova A.**, **Vasileva-Tonkova E.**, Nedkov P.. Characterization of the enzyme complexes produced by two newly isolated thermophylic actinomycete strains during growth on collagen-rich materials.. Process Biochemistry, 40, 2005, ISSN:1359-5113, 1627 - 1631. ISI IF:1.796

Цитира се в:

398. Marathe K., Pandit S., Chaudhari A., Maheshwari V. (2015). Screening of alkaliphilic-salt tolerant actinomycetes isolated from alkaline soda lake for protease-

inhibitor activity. Advances in Pharmacology and Toxicology, 16(2), 39-47., **@2015**

399. Chang X., Liu W., Yin Q., Wang H., Zhang X. (2015) Phylogenetic diversity and biological activities of marine actinomycetes isolated from sediments of the Yellow Sea Cold Water Mass, China. Marine Biology Research, 11, 551-560., **@2015**

145. **Markova N**, **Kussovski V**. Morphological variability and cell-wall deficiency in Mycobacterium tuberculosis 'heteroresistant'strains. The International Journal of Tuberculosis and Lung Disease, 9, 8, International Union Against Tuberculosis and Lung Disease, 2005, ISSN:1027-3719, DOI:10.2307/41712676, 907 - 914. ISI IF:2.32

Цитира се в:

400. YR Fu, KS Gao, R Ji, ZJ Yi. Differential Transcriptional Response in Macrophages Infected with Cell Wall Deficient versus Normal Mycobacterium Tuberculosis. Int J Biol Sci. 11(1): 22–30 (2015), **@2015**

146. **Djoumerska, I.**, **Tchorbanov, A.**, **Pashov, A.**, **Vassilev, T.**. The autoreactivity of therapeutic intravenous immunoglobulin (IVIg) preparations depends on the fractionation methods used.. Scandinavian Journal of Immunology, 61, 2005, 357 - 363. ISI IF:2.023

Цитира се в:

401. Hartas Georgios A., Hashmi Syed Shahrukh, Pham-Peyton Chi, Tsounias Emmanouil, Bricker John T., and Gupta-Malhotra Monesha. Immunoglobulin Resistance in Kawasaki Disease. Pediatric Allergy, Immunology, and Pulmonology. March 2015, 28(1): 13-19., **@2015**

402. . Schneider, C., Smith, D. F., Cummings, R. D., Boligan, K. F., Hamilton, R. G., Bochner, B. S., von Gunten, S. (2015). The human IgG anti-carbohydrate repertoire exhibits a universal architecture and contains specificity for microbial attachment sites. Science translational medicine, 7(269), 269ra1-269ra1., **@2015**

403. VS Jasion, BP Burnett. Survival and digestibility of orally-administered immunoglobulin preparations containing IgG through the gastrointestinal tract in humans. Nutrition journal. 2015, 14-22., **@2015**

147. **Kabaivanova L.**, Dobreva E., Dimitrov P., Emanuilova E.. Immobilization of cells with nitrilase activity from a thermophilic bacterial strain.. Journal of Industrial Microbiology & Biotechnology, 2005, ISI IF:2.439

Цитира се в:

404. Chen H., Chen, Z, Ni Z., Tian R., Zhang T., Jia J., Chen K., Yang S.Display of Thermotoga maritima MSB8 nitrilase on the spore surface of Bacillus Subtilis using out coat protein CotG as the fusion partner. Journal of Molecular Catalysis B: Enzymatic Available online 4 November 2015, **@2015**

148. Wen, Y.J., Mancino, A., **Pashov, A.**, Whitehead, T., Stanley, J., Stanley, J.. Antigen binding of human IgG Fabs mediate ERK-associated proliferation of human breast cancer cells. DNA Cell Biol, 24, 2, 2005, 73 - 84. ISI IF:1.8

Цитира се в:

405. Jiang, D., et al. (2015). "IgG and IgA with potential microbial-binding activity are expressed by normal human skin epidermal cells." International Journal of Molecular Sciences 16(2): 2574-2590., **@2015**

406. Xiaoyan, Q. (2015). "Immunoglobulin of non B cell origin promotes cancer initiation and progression." Chinese Journal of Cancer Biotherapy 22(2): 183-190., **@2015**

149. Pashov, A., MacLeod, S., Saha, R., Perry, M., VanCott, T. C., Kieber-Emmons, T.. Concanavalin A binding to HIV envelope protein is less sensitive to mutations in glycosylation sites than monoclonal antibody 2G12. Glycobiology, 15, 10, 2005, 994 - 1001. ISI IF:3.51

Цитира се в:

407. Rusnati, M., et al. (2015). "Bridging the past and the future of virology: Surface plasmon resonance as a powerful tool to investigate virus/host interactions." Critical Reviews in Microbiology 41(2): 238-260., **@2015**

150. Gousterova A., Braikova D., Goshev I., Christov P., Tishinov K., **Vasileva-Tonkova E.**, Haertle T., Nedkov P.. Degradation of keratin and collagen containing wastes by newly isolated thermoactinomycetes or by alkaline hydrolysis.. Lett. Appl. Microbiol., 40, 2005, ISSN:1472-765X, 335 - 340. ISI IF:1.44

Цитира се в:

408. Singh I., Kushwaha R.K.S. (2015) Keratinases and microbial degradation of Keratin. Pelagia Research Library, Advances in Applied Science Research, 6(2), 74-82., **@2015**

409. Li M., Zhang L., Jin X., Chen Y., Fu B. (2015) A novel chemical aging method for evaluating degradation of resin-dentin bond: a preliminary study. Journal of Adhesion Science and Technology, 29, DOI: 10.1080/01694243.2015.1048414, **@2015**

410. Sivakumar N., Raveendran S. (2015) Keratin degradation by bacteria and fungi isolated from a poultry farm and plumage. British Poultry Science, 56, 210-217., **@2015**

411. Sekar V., Kannan M., Raju M., Sivakumar N., Dheeba B. (2015) Efficacy of poultry feather decomposition by native isolates of Bacillus sp. and it's impact on mineralization. Research Journal of Pharmaceutical, Biological and Chemical Sciences, 6, 852-859., **@2015**

412. Nair S., Nandi D., Nandi S., Veena S., Bhaskara Rao, K.V. (2015) Screening and identification of keratinase producing marine actinobacteria from Chennai sea coast. Research Journal of Pharmaceutical, Biological and Chemical Sciences, 6, 828-833., **@2015**

413. Rai S.K., Mukherjee A.K. (2015) Optimization for production of liquid nitrogen fertilizer from the degradation of chicken feather by iron-oxide (Fe3O4) magnetic nanoparticles coupled β-keratinase. Biocatalysis and Agricultural Biotechnology, DOI:10.1016/j.bcab.2015.07.002, **@2015**

414. Wang L., Cheng G., Ren Y., Dai Z., Zhao Z.S., Liu F., Li S., Wei Y., Xiong J., Tang X.F., Tang B. (2015) Degradation of intact chicken feathers by Thermoactinomyces sp. CDF and characterization of its keratinolytic protease. Applied Microbiology and Biotechnology, 99, 3949-3959., **@2015**

415. Matikevičienė V., Masiliūnienė D., Grigiškis S. (2015) Degradation of keratin containing wastes by bacteria with keratinolytic activity. In Environment. Technology. Resources. Proceedings of the International Scientific and Practical Conference, 1, 284-289., **@2015**

416. Hou J., Dong G., Tian Z., Lu J., Wang Q., Ai S., Wang M. (2015). A sensitive fluorescent sensor for selective determination of dichlorvos based on the recovered fluorescence of carbon dots-Cu (II) system. Food Chemistry, doi:10.1016/j.foodchem.2015.11.134, **@2015**

151. Sokmen, M, **M. Angelova**, **E. Krumova**, S. Pashova, S. Ivancheva, A. Sokmen, J. Serkedjieva. In vitro antioxidant activity of polyphenol extracts with antiviral properties from Geranium sanguineum L.. Life Sci., 76, 2005, ISSN:ISSN: 0024-3205, 2981 - 2993. ISI IF:2.512

Цитира се в:

417. Moradi, A.; Ebrahimipour, G.; Karkhane, M.; Marzban, A. Surveying the Antioxidant and the Antimicrobial Effects of Aqueous and Ethanolic Extract of Rumex Alveollatus L. on In-vitro Indicator Microorganisms. Journal of Fasa University of Medical Sciences / Majallah-i Danishgah-i Ulum-i Pizishki-i Fasa . Winter2015, Vol. 4 Issue 4, p418-426. 9p, **@2015**

418. Bahramsoltani Roodabeh, Hamid Reza Sodagari, Mohammad Hosein Farzaei, Amir Hossein Abdolghaffari, Maziar Gooshe, Nima Rezaei The preventive and therapeutic potential of natural polyphenols on influenza, Expert Review of Anti-infective Therapy DOI:10.1586/14787210.2016.1120670, **@2015**

419. Silva-Beltrán, N.P., Ruiz-Cruz, S., Chaidez, C., (...), Márquez-Riós, E., Estrada, M.I. 2015 Chemical constitution and effect of extracts of tomato plants byproducts on the enteric viral surrogates International Journal of Environmental Health Research 25 (3), pp. 299-311, **@2015**

420. Yadav M. K. and Prof. J. S. Tripathi. Convolvulus Pluricaulis A Nootropic Herb With Neuropharmacological Activity: A REVIEW, Indian Journal of Agriculture and Allied Sciences, 2015, ISSN 2395-1109, **@2015**

421. Tirfe MM., Gebrehiwot, M Gebrelibanos, B Sintayehu, G Gebremedhin. Radical Scavenging Activity and Preliminary Phytochemical Screening of Pods of Cassia arereh Del. (Fabaceae) Momona Ethiopian Journal of Science, 7, 1, 2015, **@2015**

2006

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152. Kieffer M., Walter E., **Simeonov I.**. Guaranteed nonlinear parameter estimation for continuous-time dynamical models. Proceedings 14th IFAC Symposium on System Identification, Newcastle, Australia. Proceedings 14th IFAC Symposium on System Identification, Newcastle, Australia, 18, IFAC, the International Federation of Automatic Control, 2006, 843 - 848

Цитира се в:

422. Harwood, S. M. (2015). Reachability and robust design in dynamic systems (Doctoral dissertation, Massachusetts Institute of Technology)., **@2015**

153. **Stoilova I, Krastanov A, Stanchev V, Daniel D,Gerginova M, A**, **Alexieva Z**. Biodegradation of high amounts of phenol, catechol, 2,4-dichlorophenol and 2,6-dimethoxyphenol by Aspergillus awamori cells.. Enzyme and Microbial Technology, 39, 5, Elsevier, 2006, 1036 - 1041. ISI IF:1.897

Цитира се в:

423. Manna, P., Brahmbhatt, H., Sahu, D., Ganguly, B., Bhattacharya, A. On the differences of separation of hazardous catechol and resorcinol through tailor-made thin film composite (TFC) membranes (2015) Journal of Environmental Chemical Engineering, 3 (3), pp. 1758-1768., **@2015**

424. Sathya, R., Rasi, M., Rajendran, L. Non-linear analysis of Haldane kinetic model in phenol degradation in batch operations (2015) Kinetics and Catalysis, 56 (2), pp. 141-146., **@2015**

425. Mahgoub, S., Abdelbasit, H., Abdelfattah, H., Hamed, S. Monitoring phenol degrading Candida and bacterial pathogens in sewage treatment plant (2015) Desalination and Water Treatment, 54 (8), pp. 2059-2066., **@2015**

426. Kundu, D., Hazra, C., Chaudhari, A. Biodegradation of 2,4-dinitrotoluene with Rhodococcus pyridinivorans NT2: Characteristics, kinetic modeling, physiological responses and metabolic pathway (2015) RSC Advances, 5 (49), pp. 38818-38829., **@2015**

427. Ghaffar, A., Mashiatullah, A., Sultana, T., Naz, R. Removal of 2,4 dichlorophenol from wastewater on cost-effective sorbents: Kinetics and thermodynamics investigations (2015) Environmental Engineering and Management Journal, 14 (5), pp. 965-974., **@2015**

428. Ramteke, L.P., Gogate, P.R. Removal of ethylbenzene and p-nitrophenol using combined approach of advanced oxidation with biological oxidation based on the use of novel modified prepared activated sludge (2015) Process Safety and Environmental Protection, 95, pp. 146-158., **@2015**

429. Paredes, R., Barros, R., Inoue, H., Yano, S., Silva Bon, E. Production of xylanase, α-l-arabinofuranosidase, β-xylosidase, and β-glucosidase by Aspergillus awamori using the liquid stream from hot-compressed water treatment of sugarcane bagasse.(2015) Biomass Conversion and Biorefinery, 5 (3), pp. 299-307., **@2015**

430. Shetty GR, Shetty VK. Pathway identification, enzyme activity and kinetic study for the biodegradation of phenol by Nocardia hydrocarbonoxydans NCIM 2386., **@2015**

431. Tebbouche L., Hank D., Zeboudj S., Namane A., Hellal A. Evaluation of the phenol biodegradation by Aspergillus niger: application of full factorial design methodology., **@2015**

432. Najafpoor AA, Sadeghi A, Alidadi H, Davoudi M, Mohebrad B, Hosseinzadeh A, et al. Biodegradation of high concentrations of phenol by baker's yeast in anaerobic sequencing batch reactor. Environmental Health Engineering and Management Journal 2015; 2(2): 79–86., **@2015**

433. Ouachtak H., Akbour R., Douch J., Jada A., Hamdani M. Removal from Water and Adsorption onto Natural Quartz Sand of Hydroquinone. Journal of Encapsulation and Adsorption Sciences, 2015, 3, 131-143., **@2015**

154. Nustorova M., Braikova D., **Gousterova A.**, **Vasileva-Tonkova E.**, Nedkov P.. Chemical, microbiological and plant analysis of soil fertilized with alkaline hydrolysate of sheep's wool waste.. World J. Microbiol. Biotechnol., 22, 2006, ISSN:0959-3993, 383 - 390. ISI IF:0.471

Цитира се в:

434. Canfora L., Malusà E., Salvati L., Renzi G., Petrarulo M., Benedetti A. (2015) Short-term impact of two liquid organic fertilizers on Solanum lycopersicum L. rhizosphere Eubacteria and Archaea diversity. Applied Soil Ecology, 88, 50-59., **@2015**

435. Zoccola M., Montarsolo A., Mossotti R., Patrucco A., Tonin C. (2015) Green hydrolysis as an emerging technology to turn wool waste into organic nitrogen fertilizer. Waste and Biomass Valorization, 6, 891-897., **@2015**

436. Rai S.K., Mukherjee A.K. (2015) Optimization for production of liquid nitrogen fertilizer from the degradation of chicken feather by iron-oxide (Fe3O4) magnetic nanoparticles coupled β-keratinase. Biocatalysis and Agricultural Biotechnology, DOI:10.1016/j.bcab.2015.07.002, **@2015**

155. Yoneva A., Georgieva K., Mizinska Y., Georgiev B., **Stoitsova S.**. Ultrastructure of spermiogenesis and mature spermatozoon of Skrjabinoporus merops (Cylophyllidea, :etadilepididae).. Acta Parasitologica, 51, 2006, 200 - 208. ISI IF:0.772

Цитира се в:

437. 1. M. Brunanska, T. Bily, J. Nebesarova, 2015. Nippotaenia mogurndae Yamaguti et Myiata, 1940 (Cestoda, Nippotaeniidea): first data on spermiogenesis and sperm ultrastructure. Parasitol. Res. DOI 10.1007/s00436-015-4327-0, **@2015**

438. J Miquel, J Torres, C Feliu, Ultrastructure of spermiogenesis and the spermatozoon in cyclophyllidean cestodes. In: Recent advances in Pharmaceutical Sciences V, D. Munoz-Torrero, MP Vinardell and J Palazon, eds., 2015, pp. 101-115., **@2015**

156. Gocheva, Y., **Krumova, E.**, Slokoska, L., **Miteva, J.**, **Angelova M.**. Cell response of Antarctic and temperate strains of Penicillium spp. to different growth temperature. Mycol. Res., 110, 2006, 1347 - 1354. ISI IF:1.86

Цитира се в:

439. Garza-López, P.M., Suárez-Vergel, G., Hamdan-Partida, A., Loera, O. 2015 Variations in oxygen concentration cause differential antioxidant response and expression of related genes in Beauveria bassiana Fungal Biology 119 (4), pp. 257-263, **@2015**

440. Quan-Fu Wang, Yi-Fan Wang, Yan-Hua Hou, Yong-Lei Shi, Han Han, Miao Miao, Ying-Ying Wu, Yuan-Ping Liu, Xiao-Na Yue and Yu-Jin Li . Cloning, expression and biochemical characterization of recombinant superoxide dismutase from Antarctic psychrophilic bacterium Pseudoalteromonas sp. ANT506, 2015, Journal of Basic Microbiology, DOI: 10.1002/jobm.2015 00444, **@2015**

157. Mokrousov I., Jiao WW, **Valcheva V.**, Vyazovaya A., Otten T., Ly HM, Lan NN, Limeshenko L., **Markova N.**, Vyshnevskiy V., Shen AD, Narvskaya O.. Rapid detection of the Mycobacterium tuberculosis Beijing genotype and its ancient and modern sublineages by IS6110-based inverse PCR. Journal of clinical microbiology, 44, 8, American Society for Microbiology (United States), 2006, ISSN:0095-1137, DOI:10.1128/JCM.00705-06, 2851 - 2856. ISI IF:3.445

Цитира се в:

441. Yokoyama E, Y Hachisu, T Iwamot, N Nakanishi, K Arikawa, T Wada, J Seto, K Kishida. Comparative analysis of Mycobacterium tuberculosis Beijing strains isolated in three remote areas of Japan. Infection, Genetics and Evolution 34: 444–449 (2015), **@2015**

442. Gomes, L. L., Vasconcellos, S. E. G., Gomes, H. M., Elias, A. R., da Silva Rocha, A., Ribeiro, S. C., Suffys, P. N. (2015). Genetic diversity of the Mycobacterium tuberculosis Beijing family in Brazil and Mozambique and relation with infectivity

and induction of necrosis in THP-1 cells. Tuberculosis., **@2015**

158. **Tchavdar L. Vassilev**, **Mihaylova N**, Elisaveta N. Voynova, Nikolova M, M. Kazatchkine, S. Kaveri. IgM-enriched Human Intravenous Immunoglobulin Suppresses T Lymphocyte Functions in vitro and Delays the Activation of T Lymphocytes in hu-SCID mice. Clinical and Experimental Immunology, 2006, ISI IF:2.747

Цитира се в:

443. Richard J. Pleass, Shona C. Moore, Liz Stevenson, Lars Hviid. Immunoglobulin M: Restrainer of Inflammation and Mediator of Immune Evasion by Plasmodium falciparum Malaria. Trends in parasitology. 2015; doi:10.1016/j.pt.2015.09.007, **@2015**

444. Jens O Watzlawik, Bharath Wootla, Moses Rodriguez. Immunotherapeutic Approaches for Neurological Diseases using Natural Monoclonal Antibodies and Conventional Monoclonal Antibodies; iCONCEPT BOOK CHAPTER; 2015, **@2015**

159. **Ivanovska, N**, **Tchorbanov, A**, Prechl, J, Maximova, V, Voynova, E, Vassilev, T. Immunization with a DNA chimeric molecule encoding a hemagglutinin peptide and a scFv CD21-specific antibody fragment induces long-lasting IgM and CTL responses to influenza virus. Vaccine, 24, (11), 2006, 1830 - 1837. ISI IF:3.159

Цитира се в:

445. Chakraborty, T., & De Fougerolles, A. (2015). Modified polynucleotides for the production of secreted proteins U.S. Patent No. 9,192,651. Washington, DC: U.S. Patent and Trademark Office., **@2015**

446. Bancel, S., Chakraborty, T., De Fougerolles, A., Elbashir, S. M., John, M., Roy, A., ... & Ejebe, K. (2015). U.S. Modified polynucleotides for the production of biologics and proteins associated with human diseasePatent No. 8,999,380. Washington, DC: U.S. Patent and Trademark Office., **@2015**

447. Hoge, S. G., De Fougerolles, A., & Ellsworth, J. L. (2015). Compositions and methods of altering cholesterol levels. U.S. Patent No. 8,980,864. Washington, DC: U.S. Patent and Trademark Office., **@2015**

160. Momekov, G., Ferdinandov, D., Bakalova, A., **Zaharieva, M.**, Konstantinov, S., Karaivanova, M.. In vitro toxicological evaluation of a dinuclear platinum (II) complex with acetate ligands. Arch Toxicol., 80, 9, Springer, 2006, ISSN:0340-5761 (Print), 0340-5761 (Linking), DOI:10.1007/s00204-006-0078-0, 555 - 560. ISI IF:1.787

Цитира се в:

448. Pedram, B., A.T. Moghadam, Z. Kamyabi-Moghaddam, O. Mavedati, B.A. Beigi, A.K. Sharabiyani, A.B. Dezfuli, S. Khalili, A.M. Bahrami and A. Nasoori (2015): Urinary parameters predictive and electrolyte disturbances of cisplatin-induced acute renal associated with cancer as a critical target of the chemotherapeutic agent in patients with solid tumors. Tumor Biology. 36(6), 4495-4500. ISSN:10104283, DOI:10.1007/s13277-015-3091-1, **@2015**

449. Fischer, C., K. Leithner, C. Wohlkoenig, F. Quehenberger, A. Bertsch, A. Olschewski, H. Olschewski and A. Hrzenjak (2015): Panobinostat reduces hypoxia-induced cisplatin resistance of non-small cell lung carcinoma cells via HIF-1Ο± destabilization. Molecular cancer. 14(1), 1-16. ISSN:1476-4598, DOI:10.1186/1476-

4598-14-4, **@2015**

450. Golini, J. (2015): The Effect of an Alkaline Buffered Creatine (Kre-AlkalynB®), on Cell Membrane Behavior, Protein Synthesis, And Cisplatin-Mediated Cellular Toxicity. Integrative Molecular Medicine. 2(3), 214-218. ISSN:2056-6360, **@2015**

161. Kostova, I., Momekov, G., **Zaharieva, M.**, Karaivanova, M.. Cytotoxic activity of new lanthanum (III) complexes of bis-coumarins. Eur J Med Chem, 40, 6, ELSEVIER, 2006, ISSN:0223-5234, DOI:10.1016/j.ejmech.2004.12.007, 542 - 551. ISI IF:2.022

Цитира се в:

451. 15) Nikpassand, M., L.Z. Fekri, L. Karimian and M. Rassa (2015): Synthesis of biscoumarin derivatives using nanoparticle Fe3O4 as an efficient reusable heterogeneous catalyst in aqueous media and their antimicrobial activity. Current Organic Synthesis. 12(3), 358-362. ISSN:15701794, DOI: 10.2174/1570179411666141101001949, **@2015**

452. Kaur, M., S. Kohli, S. Sandhu, Y. Bansal and G. Bansal (2015): Coumarin: A promising scaffold for anticancer agents. Anti-Cancer Agents in Medicinal Chemistry. 15(8), 1032-1048. ISSN:18715206, DOI: 10.2174/1871520615666150101125503, **@2015**

453. Babu, P. N. K., B. R. Devi and P. K. Dubey (2015): Synthesis of α-cyanostyrylbenzimidazoles under solvent-free conditions using L-proline as catalyst: A green approach. Der Chemica Sinica. 4(2), 107-113 ISSN:0976-8505,, **@2015**

162. **Markova N**. Electrospun nano-fibre mats with antibacterial properties from quaternised chitosan and poly (vinyl alcohol). Carbohydrate Research, 341, 12, Elsevier, 2006, ISSN:0008-6215, DOI:10.1016/j.carres.2006.05.006, 2098 - 2107. ISI IF:1.703

Цитира се в:

454. Xu F, B Weng, R Gilkerson, LA Materon Development of tannic acid/chitosan/pullulan composite nanofibers from aqueous solution for potential applications as wound dressing. Carbohydrate polymers, 115: 16–24 (2015), **@2015**

455. Kamoun EA, X Chen, MSM Eldin, ES Kenawy. Crosslinked poly (vinyl alcohol) hydrogels for wound dressing applications: A review of remarkably blended polymers. Arabian Journal of Chemistry 8: 1-14 (2015), **@2015**

456. Ramdayal Yadav K. Balasubramanian.Polyacrylonitrile/Syzygium aromaticum hierarchical hydrophilic nanocomposite as a carrier for antibacterial drug delivery systems . RSC Adv.,,5, 3291-3298 (2015), **@2015**

457. Azuma K, R Izumi , T Osaki , S Ifuku , M Morimoto , H Saimoto , S Minami, Y Okamoto . Chitin, Chitosan, and Its Derivatives for Wound Healing: Old and New Materials. J. Funct. Biomater. 6(1), 104-142 (2015), **@2015**

458. Vellora Thekkae Padil V, Nhung H. A. Nguyen, Alena Ševců, and Miroslav Černík. Fabrication, Characterization, and Antibacterial Properties of Electrospun Membrane Composed of Gum Karaya, Polyvinyl Alcohol, and Silver Nanoparticles. Journal of Nanomaterials, 2015, Article ID 750726, 10 pages (2015), **@2015**

459. Sun S. X., H. Y. Zhao, S. B. Li, "Fabrication and Characterization of Anti-Microbial and Anti-Ultraviolet Nonwoven by Electrospinning", Advanced Materials Research, Vols. 1120-1121, pp. 481-484 (2015), **@2015**

460. Pan Y, X Huang, X Shi, Y Zhan, G Fan, S Pan, J Tian , H Deng , Y Du

Antimicrobial application of nanofibrous mats self-assembled with quaternized chitosan and soy protein isolate. Carbohydrate Polymers 133: 229–235 (2015), **@2015**

461. Lubambo AF, L Ono, V Drago, N. Mattoso, J. Varalda, M.-R. Sierakowski, C.N. Sakakibara, R.A. Freitas, C.K. Saul. Tuning Fe3O4 nanoparticle dispersion through pH in PVA/guar gum/electrospun membranes . Carbohydrate Polymers. 134 : 775–783 (2015), **@2015**

462. Wang Y, M Wakisaka. Chitosan nanofibers fabricated by combined ultrasonic atomization and freeze casting. Carbohydrate polymers, 122: 18-25 (2015), **@2015**

463. Chen DWC, SJ Liu. Nanofibers used for delivery of antimicrobial agents. Nanomedicine, 10: 1959-1971 (2015), **@2015**

464. Vongsetskul T, P Wongsomboon, P Sunintaboon, P. Sunintaboon, S. Tantimavanich, P. Tangboriboonrat Antimicrobial nitrile gloves coated by electrospun trimethylated chitosan-loaded polyvinyl alcohol ultrafine fibers. Polymer Bulletin,72: 2285-2296 (2015), **@2015**

465. Park JA, SB Kim. Preparation and characterization of antimicrobial electrospun poly(vinyl alcohol) nanofibers containing benzyl triethylammonium chloride. Reactive and Functional Polymers, 93: 30-37 (2015), **@2015**

466. Mokhena, T. C.; Jacobs, V.; Luyt, A. S .A review on electrospun bio-based polymers for water treatment. Express Polymer Letters . 9: 839-880 (2015), **@2015**

467. Mano F, I M Aroso, S Barreiros, J P Borges, R L Reis, A RC Duarte, A Paiva* Production of Poly(vinyl alcohol) (PVA) Fibers with Encapsulated Natural Deep Eutectic Solvent (NADES) Using Electrospinning. ACS Sustainable Chem. Eng., 3 : 2504–2509 (2015), **@2015**

468. Monteiro N, M Martins, A Martins, NA Fonseca. Antibacterial activity of chitosan nanofiber meshes with liposomes immobilized releasing gentamicin. Acta Biomaterialia, 18: 196–205 (2015), **@2015**

163. **Markova N**. Combination of electrografting and atom-transfer radical polymerization for making the stainless steel surface antibacterial and protein antiadhesive. Langmuir, 22, 1, American Chemical Society (United States), 2006, ISSN:0743-7463, DOI:10.1021/la051954b, 255 - 262. ISI IF:3.902

Цитира се в:

469. Pang LQ, LJ Zhong,HF Zhou, XE Wu, Xiao Dong Chen. Grafting of ionic liquids on stainless steel surface for antibacterial application. Colloids and Surfaces B: Biointerfaces 126: 162–168 2015, **@2015**

470. Deka SR, Sharma AK, Pradeep AK Cationic Polymers and their Self-Assembly for Antibacterial Applications.Current Topics in Medicinal Chemistry, 15: 1179-1195(2015), **@2015**

471. Golda L. Chakkalakal GL, Ramakrishnan S, .Bockstaller MR.Polymer-Tethered Nanoparticle Materials—An Emerging Platform for Multifunctional Hybrid Materials. Hybrid and Hierarchical Composite pp 65-94 (2015), **@2015**

472. Yeroslavsky G, Girshevitz O, Juli Foster-Frey J, David M. Donovan DM, Shai Rahimipour S.Antibacterial and Antibiofilm Surfaces through Polydopamine-Assisted Immobilization of Lysostaphin as an Antibacterial Enzyme. Langmuir, 31 (3), pp 1064–1073 (2015), **@2015**

473. Xu LQ, D Pranantyo, YX Ng, SLM Teo, Koon-Gee Neoh, En-Tang Kang, Guo Dong Fu.Antifouling Coatings of Catecholamine Copolymers on Stainless Steel.Ind. Eng. Chem. Res., 54 (22), pp 5959–5967 (2015), **@2015**

474. He T., Zhang Y, ACK Lai, Vincent Chan. Engineering bio-adhesive functions in an antimicrobial polymer multilayer• Biomedical Materials, Vol. 10, Number 1 (2015), **@2015**

475. Wang T, J Jiang, Y Xiao, Y Zou, J Gao, J Du . Preparation of polymersomes in pure water for facile antibacterial applications. RSC Adv., 5, 55602-55607 (2015), **@2015**

476. Geng Q, J Xiao, B Yang, T Wang, J Du .Rationally Engineering Dual Missions in One Statistical Copolymer.Nanocapsule: Bacterial Inhibition and Polycyclic Aromatic Hydrocarbon Capturing. ACS Macro Lett 4 :511–515 (2015), **@2015**

164. **Tsvetanova Z**. Study of the biofilm formation on different pipe materials in a drinking water distribution system and its impact on drinking water quality. NATO Security through Science Series. Chemical as Intentional and Accidental Global Environmental Threats, Series C., Springer, 2006, ISBN:978-14020-5797-8, ISSN:1872-4668, 463 - 468

Цитира се в:

477. Matthew William Cowle, 2015, Assessing the Impact of Biofouling on the Hydraulic Efficiency of Pipelines, School of Engineering, Cardiff University, UK, **@2015**

478. Chao, Y., Mao, Y., Wang, Z. & Zhang, T. 2015. Diversity and functions of bacterial community in drinking water biofilms revealed by high throughput sequencing, Scientific Reports, 5:10044, DOI: 10.1038/srep10044, **@2015**

165. **Kroumov, A. D.**, Modenes, A. N., Tait, M. C. D. A.. Development of new unstructured model for simultaneous saccharification and fermentation of starch to ethanol by recombinant strain. Biochemical Engineering Journal, 28, 3, Elsevier, 2006, ISSN:1369703X, DOI:10.1016/j.bej.2005.11.008, 243 - 255. ISI IF:1.608

Цитира се в:

479. Ho, Y.K., P. Doshi, H.K. Yeoh and G.C. Ngoh (2015): Why are two enzymes better than one for the efficient SSF of natural polymers? Hints from inside and outside yeast. Industrial & Engineering Chemistry Research. ISSN:0888-5885. DOI: 10.1021/acs.iecr.5b01667, **@2015**

480. Ho, Y.K., P. Doshi, H.K. Yeoh and G.C. Ngoh (2015): Interlinked population balance and cybernetic models for the simultaneous saccharification and fermentation of natural polymers. Biotechnology and bioengineering, v. 9999, xx-xx, ISSN:1097-0290. DOI: 10.1002/bit.25616, **@2015**

481. Ho-Chien Kao, (2015): Modeling of Simultaneous Saccharification and Fermentation of Sweet Potato to Lactic Acid, eMaster's Thesis, Department of Chemical Engineering, 2015-07-16, p.116, etd-0727115-162423, **@2015**

482. Lopez-Perez, P.A., F.A. Cuevas-Ortiz, R.V. Gomez-Acata and R. Aguilar-Lopez (2015): Improving Bioethanol Production via Nonlinear Controller with Noisy Measurements. Chemical Engineering Communications. 202(11), 1438-1445. ISSN:00986445. DOI:10.1080/00986445.2014.956737, **@2015**

483. Dengfeng Liu, Hongtao Zhang, Baoguo Xu and Jinglu Tan, (2015). Development of a kinetic model structure for simultaneous saccharification and fermentation in rice wine production, J. Inst. Brew.; 121: 589–596, DOI 10.1002/jib.270, **@2015**

484. Jairo Antonio Cubillos-Lobo, Felipe Bustamante-Londoño, Alejandro Acosta-Cárdenas, (2015). Modelación y simulación de un pervaporador acoplado a un proceso de sacarificación-fermentación para la producción de etanol, Faculdad de Ingenieria, v. 24, #40, ISSN:0121-1129, **@2015**

485. Ewelina Strąk, Maria Balcerek, (2015). Wybrane Technologie Wykorzystywane W Przemyśle Gorzelniczym, Acta Sci. Pol., Biotechnologia, 14 (1), 33-44, ISSN 1644–065X (print) ISSN 2083–8654 (on-line), **@2015**

166. **Pavlov A.**, Bley Th.. Betalains biosynthesis by Beta vulgaris L. hairy root culture in a temporary immersion cultivation system.. Process Biochemistry, 41, 4, 2006, 848 - 852. ISI IF:1.796

Цитира се в:

486. Carlín A.P., Tafoya F., Solís A.G. A., Pérez-Molphe-Balch E. Effects of different culture media and conditions on biomass production of hairy root cultures in six Mexican cactus species. In Vitro Cellular & Developmental Biology – Plant, 51(3): 332 - 339. 2015., **@2015**

167. Simova, E., Simov, Z., **Beshkova, D.**, Frengova, G., Dimitrov, Z., Spasov, Z.. Amino acid profiles of lactic acid bacteria, isolated from kefir grains and kefir starter made from them. International Journal of Food Microbiology, 107, 2, Elsevier, 2006, ISSN:0168-1605, DOI:doi:10.1016/j.ijfoodmicro.2005.08.020, 112 - 123. SJR:1.334, ISI IF:3.082

Цитира се в:

487. Ma C., Gong G., Liu Z., Ma A., Chen Z. Stimulatory effects of tea supplements on the propagation of Lactobacillus casei in milk. International Dairy Journal, 2015, 43,1-6., **@2015**

488. Slavica, A., Trontel, Antonija, Jelovac, N., Kosovec, Z., Santek,B., Novaaakkk, S. Production of lactate and acetate by Lactobacillus coryniformis subsp. Torquens DMS 20004T in comparison with Lactobacillus amylovorus DSM 20531T. Journal of Biotechnology, 2015, 202, 50-59, **@2015**

168. Wenzel, B., Tait, M., Módenes, A. N., **Kroumov, A. D.**. Modelling chemical kinetics of soybean oil transesterification process for biodiesel production: an analysis of molar ratio between alcohol and soybean oil temperature changes on the process conversion rate. International Journal Bioautomation, 5, BAS, Institute of Biophysics and Biomedical Engineering, 2006, ISSN:1312 – 451X, 13 - 22. SJR:0.228

Цитира се в:

489. Mu'azu, K., I.A. Mohammed-Dabo, S.M. Waziri, A.S. Ahmed, I.M. Bugaje and U.A.S. Zanna (2015): Kinetic Modeling of Transesterification of Jatropha curcas Seed Oil Using Heterogeneous Catalyst. Engineering and Technology. 2(3), 87-94, **@2015**

490. Okullo, A.A. and A.K. Temu (2015): Modelling the Kinetics of Jatropha Oil Transesterification. Energy and Power Engineering. 7, 135-143. ISSN:1949-243X, **@2015**

169. Muller, D., **Simeonova, D. D.**, Riegel, P., Mangenot, S., Koechler, S., Lievremont, D., Bertin, P.N., Lett, M.-C.. Herminiimonas arsenicoxydans sp nov., a metalloresistant bacterium. INTERNATIONAL JOURNAL OF SYSTEMATIC AND EVOLUTIONARY MICROBIOLOGY, 56, 8, SOC GENERAL MICROBIOLOGY, MARLBOROUGH HOUSE, BASINGSTOKE RD, SPENCERS WOODS,

READING RG7 1AG, BERKS, ENGLAND, 2006, ISSN:ISSN: 1466-5026, DOI:DOI: 10.1099/ijs.0.64308-0, 1765 - 1769. SJR:1.236, ISI IF:2.662

Цитира се в:

491. The oxidation of As(III) in groundwater using biological manganese removal filtration columns, **@2015**

492. Characterization and microbial utilization of dissolved lipid organic fraction in arsenic impacted aquifers (India), **@2015**

493. Adaptations of Prokaryotes to Their Biotopes and to Physicochemical Conditions in Natural or Anthropized Environments, **@2015**

494. Contributions of Descriptive and Functional Genomics to Microbial Ecology, **@2015**

495. Impacto del arsénico en el ambiente y su transformación por microorganismos., **@2015**

170. Kovacheva, E.,, **Georgiev, M.**, Pashova, S., **Angelova, M.**, Ilieva, M.. Radical quenching by rosinarinic acid from Lavandula vera MM cell culture.. Z Naturforsch C, 61, 7-8, Verlag der Zeitschrift für Naturforschung, 2006, ISSN:ISSN 0939-5075, 517 - 520. ISI IF:0.72

Цитира се в:

496. 35. Lesage-Meessen L., Bou M., Sigoillot J.-C., Faulds C.B., Lomascolo A. Essential oils and distilled straws of lavender and lavandin: a review of current use and potential application in white biotechnology. Applied Microbiology and Biotechnology, 99 (8), 3375-3385, **@2015**

171. **Galabov, A.S.**, **Simeonova, L.**, Gegova, G.. Rimantadine and oseltamivir demonstrate synergistic combination effect in an experimental infection with type A (H3N2) influenza virus in mice. Antiviral Chemistry and Chemotherapy, 17, 5, Oxford, 2006, ISSN:0956-3202 (Linking), 251 - 258

Цитира се в:

497. Dong-Din-On, F., Songserm, T., Pissawong, T., (...), Seesuay, W., Chaicumpa, W. Cell penetrable human scFv specific to middle domain of matrix protein-1 protects mice from lethal influenza. 2015 Viruses, 7 (1), pp. 154-179, **@2015**

498. Wang, Y., Yu, M., Wang, X., (...), Wang, X., Fang, X. Jatrorrhizine hydrochloride potentiates the neuraminidase inhibitory effect of oseltamivir towards H7N9 influenza 2015 RSC Advances, 5 (80), pp. 64937-64943, **@2015**

172. Savov, V.M., **Galabov, A.S.**, Tantcheva, L.P., **Mileva, M.M.**, Pavlova, E.L., Stoeva, E.S., Braykova, A.A.. Effects of rutin and quercetin on monooxygenase activities in experimental influenza virus infection. Experimental and Toxicologic Pathology, 58, 1, Elsevier, 2006, ISSN:0940-2993, 59 - 64. ISI IF:2.108

Цитира се в:

499. Bahramsoltani R., Sodagari,H., Farzaeic, M., Abdolghaffarie, A., Gooshe M., & Rezae T. The preventive and therapeutic potential of natural polyphenols on influenza. Expert Review of Anti-infective Therapy, 14, 1, pp. 57-80 Published online: 07 Dec 2015, **@2015**

500. Chun-Hua Wang, Yi Zhong, Yan Zhang, Jin-Ping Liu, Yue-Fei Wang,Wei-Na Jia, Guo-Cai Wang, Zheng Li, Yan Zhu and Xiu-Mei Gao. A network analysis of the Chinese medicine Lianhua-Qingwen formula to identify its main effective components. Molecular BioSystem. First published online 11 Dec 2015, **@2015**

501. Hung, P.-Y., Ho, B.-C., Lee, S.-Y., (...), Lee, S.-S., Lee, C.-N. Houttuynia cordata targets the beginning stage of herpes simplex virus infection. 2015. PLoS ONE, **@2015**

502. Lin, Y., Xu, W., Huang, M., (...), Zhang, X., Chu, K. Qualitative and quantitative analysis of phenolic acids, flavonoids and iridoid glycosides in Yinhua Kanggan tablet by UPLC-QqQ-MS/MS. 2015, Molecules, 20 (7), pp. 12209-12228, **@2015**

173. **Petrova, P. M.**, **Gouliamova, D.**. Rapid Screening of Plasmid-Encoded Small hsp-Genes in Streptococcus thermophilus. Current Microbiology, 53, 12, Springer-Verlag, 2006, ISSN:0343-8651, DOI:10.1007/s00284-006-0175-6, 422 - 427. SJR:0.525, ISI IF:1.007

Цитира се в:

503. Lecomte X., Gagnaire V., Lortal S., Dary A., Genay M. Streptococcus thermophilus, an emerging and promising tool for heterologous expression: advantages and future trends. Food Microbiology, 2015, vol. 53, Part A, 2–9., **@2015**

174. Kramer, A., **Galabov, A.S.**, Sattar, S.A., Döhner, L., Pivert, A., Payan, C., Wolff, M.H., Yilmaz, A., Steinmann, J.. Virucidal activity of a new hand disinfectant with reduced ethanol content: Comparison with other alcohol-based formulations. Journal of Hospital Infection, 62, 1, Elsevier, 2006, ISSN:0195-6701, 98 - 106. ISI IF:2.442

Цитира се в:

504. Cusi MG, D Fanigliulo. Virucidal activity of a novel non-alcoholic combination of disinfectants. 2015. Journal of Chemotherapy, Print ISSN: 1120-009X, Online ISSN: 1973-9478, **@2015**

175. **Vasileva-Tonkova E.**, Galabova D., Stoimenova E., Lalchev Z.. Production and properties of biosurfactants from a newly isolated Pseudomonas fluorescens HW-6 growing on hexadecane.. Z. Naturforsch., 61c, 2006, ISSN:0939-5075, 553 - 559. ISI IF:0.72

Цитира се в:

505. Uzoigwe C., Ennis C.J., Rahman P.K.S.M. (2015) Production of biosurfactants using eco-friendly microorganisms. In Environmental Sustainability: Role of Green Technologiies (edited by P. Thangavel, G. Sridevi), Springer India, pp. 185-204., **@2015**

506. Bharali P. (2015) Biochemical and molecular characterization of bacterial biosurfactant. PhD Thesis, Tezpur University, India., **@2015**

176. **Simeonov I.**, Queinnec I.. Linearizing control of the anaerobic digestion. Control Engineering Practice, 14, Elsevier Limite, 2006, ISSN:0967-0661, 799 - 810. SJR:1.37, ISI IF:2.455

Цитира се в:

507. Gaida, D., Wolf, C., & Bongards, M. Feed Control of Anaerobic Digestion Processes for Sustainable Renewable Energy Production: A Review. Dubrovnik., **@2015**

508. Draa, K. C., Voos, H., Alma, M., & Darouach, M. Adaptive control of the methane flow rate in biogas plants. In Control, Engineering & Information Technology

(CEIT), 2015 3rd International Conference on (pp. 1-6). IEEE, **@2015**

509. TAŞCIKARAOĞLU, F. Y., & ENGİN, Ş. N. Regulation of methane gas output from an anaerobic reactor system using moving horizon $ H_ {\ infty} $ control. Turkish Journal of Electrical Engineering & Computer Sciences, 23(5), 1230-1241., **@2015**

510. Jimenez, J., Latrille, E., Harmand, J., Robles, A., Ferrer, J., Gaida, D., ... & Steyer, J. P. Instrumentation and control of anaerobic digestion processes: a review and some research challenges. Reviews in Environmental Science and Bio/Technology, 2015, 1-34., **@2015**

511. Aguilar Garnica, E., Dochain, D., Alcaraz-Gonzalez, V., Drame, A., Gonzalez-Alvarez, V., & Mexico, J. Communication à un colloque, 2015, (Conference Paper)., **@2015**

177. Simov, Zh.I., Simova, E.D., **Beshkova, D.M.**. Impact of two starter cultures on proteolysis in Kashkaval cheese. World Journal of Microbiology and Biotechnology, 22, 2, Springer, 2006, ISSN:0959-3993, DOI:10.1007/s11274-005-9012-5, 147 - 156. SJR:0.551

Цитира се в:

512. Andronoiu D.G., Botez E., Nistor O.V., Mocanu G.D. Ripening process of Cascaval cheese: compositional and textural aspects. Journal of Food Science and Technology, 2015, 52, 8, 5278-5284., **@2015**

178. **Dimitrova, P**, **Ivanovska, N**. Influence of leflunomide on gastrointestinal Candida albicans infection induced in naive and arthritic newborn mice. Int. Immunopharmacol., 6, 2006, 1682 - 1689. ISI IF:1.66

Цитира се в:

513. Petkevich SK, Dikusar EA, Potkin VI, Mikhei IV. Synthesis of 5-arylisoxazole-3-carboxylates derived from salicylaldehyde. Russ J Org Chem 2015;51(1):33-41., **@2015**

179. Mokrousov I., Jiao WW, Sun G., Liu J, **Valcheva V.**, Li M., Narvskaya O., Shen A.. Evolution of drug resistance in different sub-lineages within Mycobacterium tuberculosis Beijing genotype. Antimicrob Agents Chemother., 50, 8, Elsevier, 2006, ISSN:1098-6596, DOI:10.1128/AAC.00324-06, 2820 - 2823. ISI IF:4.54

Цитира се в:

514. Chapman, H. J., Phillips, S. A., Hosford, J. L., Séraphin, M. N., & Lauzardo, M. (2015). Is the Beijing strain of Mycobacterium tuberculosis associated with cavitary lung disease?. Infection, Genetics and Evolution, 33, 1-5., **@2015**

515. Zhang, Z., Lu, J., Liu, M., Wang, Y., Qu, G., Li, H., ... & Zhao, Y. (2015). Genotyping and molecular characteristics of multidrug-resistant Mycobacterium tuberculosis isolates from China. Journal of Infection, 70(4), 335-345., **@2015**

516. Hang, N. T., Maeda, S., Keicho, N., Thuong, P. H., & Endo, H. (2015). Sublineages of Mycobacterium tuberculosis Beijing genotype strains and unfavorable outcomes of anti-tuberculosis treatment. Tuberculosis, 95(3), 336-342., **@2015**

517. Yuan, L., Huang, Y., Mi, L. G., Li, Y. X., Liu, P. Z., Zhang, J., ... & Li, W. J. (2015). There is no correlation between sublineages and drug resistance of Mycobacterium tuberculosis Beijing/W lineage clinical isolates in Xinjiang, China. Epidemiology and infection, 143(01), 141-149., **@2015**

518. Wiredu, A. A. P. Genotypic and Epidemiological Characterization of Mycobacterium tuberculosis Complex in Ghana., **@2015**

2007

180. Derekova, A., Sjøholm, C., Mandeva, R.,, **Kambourova, M.**. Anoxybacillus rupiensis sp. nov., a novel thermophilic bacterium isolated from Rupi basin (Bulgaria).. Extremophiles, 2007, ISI IF:2.317

Цитира се в:

519. Acer, Ö., Pirinççioɡlu, H., Matpan Bekler, F., Gül-Güven, R., Güven, K. (2015). Anoxybacillus sp. AH1, an α-amylase-producing thermophilic bacterium isolated from Dargeçit hot spring. Biologia (Poland), 70 (7), pp. 853-862, **@2015**

520. Archna, S., Priyank, V., Nath, Y. A., & Kumar, S. A. (2015). Bioprospecting for extracellular hydrolytic enzymes from culturable thermotolerant bacteria isolated from Manikaran thermal springs. Research Journal of Biotechnology Vol, 10, 4, 33-42., **@2015**

521. Filippidou, S., Jaussi, M., Junier, T., Wunderlin, T., Roussel-Delif, L., Jeanneret, N., ... & Junier, P. (2015). Genome sequence of Anoxybacillus geothermalis strain GSsed3, a novel thermophilic endospore-forming species. Genome announcements, 3(3), e00575-15., **@2015**

522. Lim, J. C., Goh, K. M., Shamsir, M. S., Ibrahim, Z., & Chong, C. S. (2015). Characterization of aluminum resistant Anoxybacillus sp. SK 3–4 isolated from a hot spring. Journal of Basic Microbiology, 55(4), 514-519, **@2015**

523. Olsen, I. and Møller, K. 2015. Actinobacillus. Bergey's Manual of Systematics of Archaea and Bacteria. 1–36. Published by John Wiley & Sons, Inc., in association with Bergey's Manual Trust., **@2015**

524. Zhang, F., Yang, X., Geng, L., Zhang, Z., Yin, Y., & Li, W. (2015). Purification and characterization of a novel and versatile α-amylase from thermophilic Anoxybacillus sp. YIM 342. Starch-Stärke, 67,1–8, DOI 10.1002/star.201400056, **@2015**

525. Xia, W., Dong, H., Zheng, C., Cui, Q., He, P., & Tang, Y. (2015). Hydrocarbon degradation by a newly isolated thermophilic Anoxybacillus sp. with bioemulsifier production and new alkB genes. RSC Advances, 5(124), 102367-102377., **@2015**

526. da Costa, M. S., Rainey, F. A., & Albuquerque, L. Alicyclobacillus. Bergey's Manual of Systematics of Archaea and Bacteria., **@2015**

181. **Markova N**. Persistence of Staphylococcus aureus L-form during experimental lung infection in rats. FEMS Microbiology Letters, 268, 1, Elsevier, 2007, ISSN:1574-6968, DOI:10.1111/j.1574-6968.2006.00567.x, 88 - 97. ISI IF:2.274

Цитира се в:

527. Han J, W Shi, X Xu, S Wang, S Zhang L He , X Sun, Y. Zhang. Conditions and mutations affecting Staphylococcus aureus L-form formation. Microbiology, January 161: 57-66 2015, **@2015**

182. Shalova, I, Cechalova, K, Rehakova, Z, **Dimitrova, P**, Ognibene, E, Caprioli, A, Schmalhausen, E, Muronetz, V, Saso, L. Decrease of dehydrogenase activity of cerebral

glyceraldehyde-3-phosphate dehydrogenase in different animal models of Alzheimer's disease. Biochimica et Biophysica Acta (BBA) - General Subjects, 5, 1770, Elsevier B.V., 2007, ISSN:0304-4165, DOI:doi:10.1016/j.bbagen.2007.01.014, 826 - 832. SJR:1.525, ISI IF:4.381

Цитира се в:

528. González-Domínguez R, García-Barrera T, Vitorica J, Gómez-Ariza JL: Deciphering metabolic abnormalities associated with Alzheimer's disease in the APP/PS1 mouse model using integrated metabolomic approaches. Biochimie 2015, 110:119-128., **@2015**

529. Liu J-f, Yan X-d, Qi L-s, Li L, Hu G-y, Li P, Zhao G: Ginsenoside Rd attenuates Aβ25–35-induced oxidative stress and apoptosis in primary cultured hippocampal neurons. Chemico-Biological Interactions 2015, 239:12-18., **@2015**

530. Makshakova ON, Semenyuk PI, Kuravsky ML, Ermakova EA, Zuev YF, Muronetz VI: Structural basis for regulation of stability and activity in glyceraldehyde-3-phosphate dehydrogenases. Differential scanning calorimetry and molecular dynamics. Journal of Structural Biology 2015, 190(2):224-235., **@2015**

183. Siddiqui, N, Idakieva, K, Demarsin, B, **Doumanova, L**, Compernolle, F, Gielens, C. Involvement of glycan chains in the antigenicity of Rapana thomasiana hemocyanin. Biochemical and Biophysical Research Communications, 361, 3, Europe PubMed Central, 2007, ISSN:0006-291X, DOI:DOI: 10.1016/j.bbrc.2007.07.098, 705 - 711. ISI IF:2.297

Цитира се в:

531. Matsuno, A., Gai, Z., Tanaka, M., Kato, K., Kato, S., Katoh, T., Shimizu, T., Yoshioka, T., Kishimura, H., Tanaka, Y., Yao, M. Crystallization and preliminary X-ray crystallographic study of a 3.8-MDa respiratory supermolecule hemocyanin (2015) Journal of Structural Biology, 190 (3), pp. 379-382., **@2015**

532. Crystal Structure of the 3.8-MDa Respiratory Supermolecule Hemocyanin at 3.0 Å Resolution Z Gai, A Matsuno, K Kato, S Kato, MRI Khan, T Shimizu… - Journal of Food Processing and Preservation 39, 394-403, 2015, 2015 - Elsevier, **@2015**

184. **Krumova, E.**, Dolashka-Angelova, P., Pashova, S., Stefanova, L., Van Beeumen, J., **Vassilev, S.**, **M. Angelova**. Improved production by fed-batch cultivation and some properties of Cu/Zn-superoxide dismutase from the fungal strain Humicola lutea 103.. Enzyme Microb Technol, 40, 2007, 524 - 532. ISI IF:2.638

Цитира се в:

533. Garza-López P.M., Suárez-Vergel G., Hamdan-Partida A., Loera O. Variations in oxygen concentration cause differential antioxidant response and expression of related genes in Beauveria bassiana, 2015, Fungal Biology, 119 (4), 257-263, **@2015**

185. Fagundes-Klen, M. R., Vaz, L. G. L., Veit, M. T., Borba, C. E., Silva, E. A., **Kroumov, A. D.**. Biosorption of the Copper and Cadmium Ions –a Study through Adsorption Isotherms Analysis. International Journal Bioautomation, 7, BAS, Institute of Biophysics and Biomedical Engineering, 2007, ISSN:1312 – 451X, 23 - 33. SJR:0.228

Цитира се в:

534. Jun-xia Yu, Li-yan Wang, Ru-an Chi Yue-fei Zhang, Zhi-gao Xu, Jia Guo (2015):

Adsorption of Pb2+, Cd2+, Cu2+, and Zn2+ from aqueous solution by modified sugarcane bagasse, Res. Chem. Intermed., 41, 1525–1541, DOI 10.1007/s11164-013-1290-1, **@2015**

186. Milena P. Popova, Vassya S. Bankova, Stefan Bogdanov, **Iva Tsvetkova**, **Christo Naydenski**, Gian Luigi Marcazzan, Anna-Gloria Sabatini. Chemical characteristics of poplar type propolis of different geographic origin.. Apidologie, 38, Springer Verlag, 2007, DOI:10.1051/apido:2007013, 306 - 311. ISI IF:1.487

Цитира се в:

535. Alvarez, M. V., Ponce, A. G., Mazzucotelli, C. A., & Moreira, M. R. (2015). The impact of biopreservatives and storage temperature in the quality and safety of minimally processed mixed vegetables for soup. Journal of the Science of Food and Agriculture, 95(5), 962-971., **@2015**

536. Alvarez, M. V., Ponce, A. G., & Moreira, M. R. (2015). Combined Effect of Bioactive Compounds and Storage Temperature on Sensory Quality and Safety of Minimally Processed Celery, Leek and Butternut Squash. Journal of Food Safety, 35(4), 560-574., **@2015**

537. Benhanifia, M., & M Mohamed, W. (2015). Phenolics Constituents of Different Types of Propolis and their Antimicrobial Activities. Anti-Infective Agents, 13(1), 17-27., **@2015**

538. Veloz, J. J., Saavedra, N., Lillo, A., Alvear, M., Barrientos, L., & Salazar, L. A. (2015). Antibiofilm Activity of Chilean Propolis on Streptococcus mutans Is Influenced by the Year of Collection. BioMed research international, 2015., **@2015**

539. NICULAE, M., Laura, S. T. A. N., Emőke, P. A. L. L., PAȘTIU, A. I., BALACI, I. M., MUSTE, S., & SPÎNU, M. (2015). In vitro Synergistic Antimicrobial Activity of Romanian Propolis and Antibiotics against Escherichia coli Isolated from Bovine Mastitis. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 43(2), 327-334., **@2015**

187. **Stefanova T**, Nikolova N, Toshkova R, Neychev H. Antitumor and immunomodulatory effect of coumarin and 7-hydroxycoumarin against Sarcoma 180 in mice.. J. Exp. Ther. Oncol., 62, 2, 2007, ISSN:1359-4117, 107 - 115

Цитира се в:

540. Patil RB, Sawant SD. Synthesis, characterization, molecular docking and evaluation of antimicrobial activity of some 3-heteroaryl substituted chromen-2-one derivatives. Intern. J. of Pharm Tech Research, 2015, 7: 471-480. ISSN 09744304., **@2015**

541. Yu S-M, Hu D-H, Zhang J-J. Umbelliferone exhibits anticancer activity via the induction of apoptosis and cell cycle arrest in HepG2 hepatocellular carcinoma cells. Molecular Medicine Reports, 2015, 12: 3869-3873. ISSN 17912997., **@2015**

188. Guncheva, M, Zhiryakova, D, **Radchenkova, N**, **Kambourova, M.**. Effect of nonionic detergents on the activity of a thermostable lipase from Bacillus stearothermophilus MC7. Journal of Molecular Catalysis B: Enzymatic, 2007, ISI IF:1.973

Цитира се в:

542. Khongphow, C., Theerakul, J., Puttamat, S., & Singkhonrat, J. (2015). Characterisation of poly (glycerol-succinate) oligomers as bio-based non-ionic surfactants by nuclear magnetic resonance and mass spectrometry. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 468, 301-308., **@2015**

543. Ramani, K., & Sekaran, G. (2015). Anaerobic Biodegradation of Slaughterhouse Lipid Waste and Recovery of Bioactive Molecules for Industrial Applications.Advances in Biodegradation and Bioremediation of Industrial Waste, 287, **@2015**

189. Idakieva, K, Gielens, C, Siddiqui, N., **Doumanova, L**, Vasseva, B, Kostov, G, Shnyrov, V.L. Irreversible thermal denaturation of β-hemocyanin of helix pomatia and its substructures studied by differential scanning calorimetry. Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences, 62, 9, 2007, ISSN:0932-0784, 499 - 506. ISI IF:0.691

Цитира се в:

544. Carvalho, F.A.O., Alves, F.R., Carvalho, J.W.P., Tabak, M. Guanidine hydrochloride and urea effects upon thermal stability of Glossoscolex paulistus hemoglobin (HbGp) (2015) International Journal of Biological Macromolecules, 74, pp. 18-28., **@2015**

545. Journal of Thermal Analysis and Calorimetry, Thermal denaturation and protein stability analysis of Haliotis rubra hemocyanin 미리보기닫기 , Marshall, G. / Valtchev, P. / Dehghani, F. / Gomes, V.G.; Database : Scopus®., **@2015**

190. Jordan D. Dimitrov, Lubka T. Roumenina, Virjinia R. Doltchinkova, **Mihaylova N**, Sebastien Lacroix-Desmazes, Srinivas V. Kaveri, **Tchavdar L. Vassilev**. Antibodies Use Heme as a Cofactor to Extend Their Pathogen Elimination Activity and to Acquire New Effector Functions. The Journal of Biological Chemistry, 2007, ISI IF:5.328

Цитира се в:

546. McIntyre, J.A., Ramsey, C.J, Gitter, B.D., Saykin, A.J., Wagenknecht, D.R., Hyslop, P.A. Antiphospholipid autoantibodies as blood biomarkers for detection of early stage Alzheimer's disease.Autoimmunity; Volume 48, Issue 5, 1 August 2015, Pages 344-351, **@2015**

191. Batovska, D., Parushev, St., Slavova, A., Bankova, V., **Tsvetkova, I.**, Ninova, M., **NAJDENSKI, H**. Study on the substituents' effects of a series of synthetic chalcones against the yeast Candida albicans. European Journal of Medicinal Chemistry, 42, 1, Elsevier, 2007, ISSN:0223-5234, DOI:10.1016/j.ejmech.2006.08.012, 87 - 92. SJR:1.004, ISI IF:2.301

Цитира се в:

547. Caboni, P., Aissani, N., Demurtas, M., Ntalli, N., & Onnis, V. (2015). Nematicidal activity of acetophenones and chalcones against Meloidogyne incognita and structure–activity considerations. Pest management science., **@2015**

548. Guo, T., Jiang, Q., Yu, L., & Yu, Z. (2015). Synthesis of chalcones via domino dehydrochlorination/Pd (OAc) 2-catalyzed Heck reaction. Chinese Journal of Catalysis, 36(1), 78-85., **@2015**

549. Kadayat, T. M., Song, C., Kwon, Y., & Lee, E. S. (2015). Modified 2, 4-diaryl-5H-indeno [1, 2-b] pyridines with hydroxyl and chlorine moiety: Synthesis, anticancer activity, and structure–activity relationship study. Bioorganic chemistry, 62, 30-40., **@2015**

550. Karki, R., Park, C., Jun, K. Y., Kadayat, T. M., Lee, E. S., & Kwon, Y. (2015). Synthesis and biological activity of 2, 4-di-p-phenolyl-6-2-furanyl-pyridine as a potent topoisomerase II poison. European journal of medicinal chemistry, 90, 360-378., **@2015**

551. Kim, M. J., Kadayat, T., Um, Y. J., Jeong, T. C., Lee, E. S., & Park, P. H. (2015).

Inhibitory Effect of 3-(4-Hydroxyphenyl)-1-(thiophen-2-yl) prop-2-en-1-one, a Chalcone Derivative on MCP-1 Expression in Macrophages via Inhibition of ROS and Akt Signaling. Biomolecules & therapeutics, 23(2), 119., **@2015**

552. Faudzi, S. M., Leong, S. W., Abas, F., Aluwi, M. M., Rullah, K., Lam, K. W., ... & Lajis, N. H. (2015). Synthesis, biological evaluation and QSAR studies of diarylpentanoid analogues as potential nitric oxide inhibitors. MedChemComm., **@2015**

553. Muñoz, V. A., Kretek, C. G., Montaña, M. P., Pappano, N. B., Debattista, N. B., & Ferrari, G. V. (2015). Chalcones as Analytical Reagents of Aluminum: Stability, Thermodynamic and Kinetic Study. Zeitschrift für Physikalische Chemie, 229(3), 417-426., **@2015**

554. Ruanwas, P., Chantrapromma, S., & Fun, H. K. (2015). Synthesis, Characterization, Antioxidant, and Antibacterial Activities of 2-Aminochalcones and Crystal Structure of (2 E)-1-(2-aminophenyl)-3-(4-ethoxyphenyl)-2-propen-1-one. Molecular Crystals and Liquid Crystals, 609(1), 126-139., **@2015**

555. Shan, Y., Lei, J., Zhang, L., Fan, T., Wang, M., & Ma, Y. (2015). Design, Synthesis, and Biological Evaluation of Chalcone Derivatives as Novel Anticandidal Agents. Chemistry of Natural Compounds, 51(4), 620-625., **@2015**

192. Braikova D., **Vasileva-Tonkova E.**, **Gushterova A.**, Nedkov P.. Degradation of Keratin and Collagen Containing Wastes by Enzyme Mixtures Produced by Newly Isolated Thermophylic Actinomycetes.. Enzyme Mixtures and Complex Biosynthesis., Landes Bioscience USA, 2007, ISBN:978-1-58706-216-2, 49 - 63

Цитира се в:

556. Israel-Roming F., Luta G., Balan D., Gherghina E., Cornea C.P., Matei F. (2015). Time and Temperature Stability of Collagenase Produced by Bacillus licheniformis. Agriculture and Agricultural Science Procedia, 6, 579-584., **@2015**

193. Monzavi-Karbassi, B., Hennings, L. J., Artaud, C., Liu, T., Jousheghany, F., **Pashov, A.**, Murali, R., Hutchins, L. F., Kieber-Emmons, T.. Preclinical studies of carbohydrate mimetic peptide vaccines for breast cancer and melanoma. Vaccine, 25, 16, 2007, 3022 - 3031. ISI IF:3.38

Цитира се в:

557. Cheng, S., et al. (2015). "The epitope analysis of an antibody specifically against Vibrio cholerae O1 Ogawa by phage library study." Journal of Microbiological Methods 117: 22-27., **@2015**

558. Díaz-Zaragoza, M., et al. (2015). "Natural and adaptive IgM antibodies in the recognition of tumor-associated antigens of breast cancer (Review)." Oncology Reports 34(3): 1106-1114., **@2015**

194. Simova, E., **Beshkova, D.**. Effect of growth phase and growth medium on peptidase activities of starter lactic acid bacteria. Le Lait, Dairy Science and Technology, 87, 6, Springer, 2007, ISSN:ISSN: 1958-5586, DOI:http://dx.doi.org/10.1051/lait:200703, 555 - 573. SJR:0.365, ISI IF:1.12

Цитира се в:

559. Hou, J., Liu, F., Ren, D., Han, W., Du, Y. Effect of culturing conditions on the expression of key enzymes in the proteolytic system of Lactobacillus bulgaricus.

Journal of Zhejiang University-SCIENCE B (Biomedicine & Biotechnology), 2015, 16, 4, 317-326., **@2015**

195. **Pashov, A.**, Monzavi-Karbassi, B., Raghava, G., Kieber-Emmons, T.. Peptide mimotopes as prototypic templates of broad-spectrum surrogates of carbohydrate antigens for cancer vaccination. Crit Rev Immunol, 27, 3, 2007, 247 - 270. ISI IF:4.06

Цитира се в:

560. Das, A., et al. (2015). "Murine carcinoma expressing carcinoembryonic antigen-like protein is restricted by antibody against neem leaf glycoprotein." Immunology Letters 162(1): 132-139., **@2015**

196. **Kambourova, M.,**, Mandeva, R., Fiume, I., Maurelli, L., Rossi, M., Morana, A. Hydrolysis of xylan at high temperature by co-action of the xylanase from Anoxybacillus flavithermus BC and the beta-xylosidase/alpha-arabinosidase from Sulfolobus solfataricus Oalpha.. Journal of Applied Microbiology,, 2007, ISI IF:2.501

Цитира се в:

561. Chauhan, S., Seth, C.A., Seth, A. (2015). Bioprospecting thermophilic microorganisms from hot springs of western himalyas for xylanase production and its statistical optimization by using response surface methodology. Journal of Pure and Applied Microbiology, 9 (2), pp. 1417-1428, **@2015**

562. Khare, S. K., Pandey, A., & Larroche, C. (2015). Current perspectives in enzymatic saccharification of lignocellulosic biomass. Biochemical Engineering Journal. doi:10.1016/j.bej.2015.02.033, **@2015**

563. Li, K., Li, Z., Luo, X., Feng, C., Wang, C., Zhang, M., & Zhang, T. (2015). Cloning and Expression of a Novel Xylanase Xyn11-1 from Alkaline Soil. InAdvances in Applied Biotechnology (pp. 75-81). Springer Berlin Heidelberg., **@2015**

197. Petrov, K.K., **Petrova, P.M.**, Beschkov, V.N.. Improved immobilization of Lactobacillus rhamnosus ATCC 7469 in polyacrylamide gel, preventing cell leakage during lactic acid fermentation. World Journal of Microbiology & Biotechnology, 23, 3, Springer, 2007, ISSN:0959-3993, DOI:10.1007/s11274-006-9242-1, 423 - 428. SJR:0.352, ISI IF:0.745

Цитира се в:

564. Brink, H.G. Production analysis of biofilm fermentation under homogeneous shear conditions, PhD Thesis, 2015, University of Pretoria, Pretoria, South Africa., **@2015**

198. **Raykov, Z.**, Grekova, S., **Galabov, A.S.**, Balboni, G., Koch, U., Aprahamian, M., Rommelaere, J.. Combined oncolytic and vaccination activities of parvovirus H-1 in a metastatic tumor model. Oncology Reports, 17, 6, 2007, 1493 - 1499. ISI IF:1.597

Цитира се в:

565. Geletneky, K., Leoni, A.-L., Pohlmeyer-Esch, G., (...), Krebs, O., Hajda, J.Pathology, organ distribution, and immune response after single and repeated intravenous injection of rats with clinical-grade parvovirus H1. 2015 Comparative Medicine. 65 (1), pp. 23-35, **@2015**

199. **Pavlov, A.**, Berkov, S., Courot, E., Gocheva, T, Tuneva, D, Pandova, B., **Georgiev, M.**, **Georgiev, V.**, Yanev, S., Burrus, M., Ilieva, M.. Galanthamine production by Leucojum

aestivum in vitro systems. Process Biochemistry, 42, 2007, ISSN:1359-5113, DOI:10.1016/j.procbio.2006.12.006, 734 - 739. SJR:0.905, ISI IF:2.516

Цитира се в:

566. Saliba, S., Ptak, A., Laurain-Mattar, D. (2015). 4'-O-methylnorbelladine feeding enhances galanthamine and lycorine production by Leucojum aestivum L. shoot cultures. Engineering in Life Sciences. DOI: 10.1002/elsc.201500008, **@2015**

567. Diamond, A., Desgagné-Penix, I. (2015). Metabolic engineering for the production of plant isoquinoline alkaloids. Plant biotechnology journal. DOI: 10.1111/pbi.12494, **@2015**

200. Vasileva-Tonkova E., Gesheva V.. Biosurfactant production by Antarctic facultative anaerobe Pantoea sp. during growth on hydrocarbons.. Current Microbiol., 54, 2007, ISSN:0343-8651, 136 - 141. ISI IF:1.167

Цитира се в:

568. Hua F., Wang H.Q., Zhao Y.C., Yang Y. (2015) Pseudosolubilized n-alkanes analysis and optimization of biosurfactants production by Pseudomonas sp. DG17. Environmental Science and Pollution Research, 22, 6660-6669., **@2015**

569. Uzoigwe C., Ennis C.J., Rahman P.K.S.M. (2015) Production of biosurfactants using eco-friendly microorganisms. In Environmental Sustainability: Role of Green Technologiies (edited by P. Thangavel, G. Sridevi), Springer India, pp. 185-204., **@2015**

570. Cortés-Sánchez A.J., Diaz-Ramirez M., Hernández-Álvarez A.J., García-Ochoa F., Villanueva-Carvajal A., León-López L., Martín-Azocar A.L.S. (2015) Bio surfactants produced by enterobacterial. Global Advanced Research Journal of Microbiology, 4, 103-112., **@2015**

571. De Almeida F.C.G., Silva T.A.D.L., Garrard I., Asfora L., Sarubbo G.M.D.C.T., Tambourgi E.B. (2015) Optimization and Evaluation of Biosurfactant Produced by Pantoea sp. Using Pineapple Peel Residue, Vegetable Fat and Corn Steep Liquor. J. Chem., 9, 269-279., **@2015**

572. Walterson A.M., Stavrinides J. (2015) Pantoea: insights into a highly versatile and diverse genus within the Enterobacteriaceae. FEMS Microbiology Reviews, 39, 968-984., **@2015**

573. Lovaglio R.B., Silva V.L., Ferreira H., Hausmann R., Contiero J. (2015) Rhamnolipids know-how: Looking for strategies for its industrial dissemination. Biotechnology Advances, 33, 1715-1726., **@2015**

574. Bharali P. (2015) Biochemical and molecular characterization of bacterial biosurfactant. PhD Thesis, Tezpur University, Assam, India, **@2015**

575. Kiran G.S., Ninawe A.S., Lipton A.N., Pandian,V., Selvin J. (2015) Rhamnolipid biosurfactants: evolutionary implications, applications and future prospects from untapped marine resource. Critical Reviews in Biotechnology, DOI: 10.3109/07388551.2014.979758, **@2015**

576. Tabatabaee M.S. (2015). Ecofreindly, candle precursor (Paraffin wax) production by Iranian indigenous bacterium to reduce the indoor health risks. Journal of Paramedical Sciences, 6(3), 52-57., **@2015**

201. Weyn, C., Boulenouar, S., Mathys, V., Vanhoolandt, J., Bernis, A., Fontaine, V., **RIIP and INCTR Workshop Study Group**, **RIIP and INCTR Workshop Study Group**. Detection of human papillomavirus types 45 and 51 by type-specific polymerase chain reaction. Journal of virological methods, 1, 146, Elsevier, 2007, DOI:10.1016/j.jviromet.2007.08.003, 405 - 408. ISI IF:1.933

Цитира се в:

577. Multiplex PCR assay for the rapid identification of human papillomavirus genotypes 16, 18, 45, 35, 66, 33, 51, 58, and 31 in clinical samples, **@2015**

202. **Vasileva-Tonkova E.**, Nustorova M., **Gushterova A.**. New protein hydrolysates from collagen wastes used as peptone for bacterial growth.. Current Microbiol., 54, 2007, ISSN:0343-8651, 54 - 57. ISI IF:1.167

Цитира се в:

578. Rodriguez-Morgado B., Gomez I., Parrado J., Garcia-Martinez A.M., Aragon C., Tejada M. (2015) Obtaining edaphic biostimulants/biofertilizers from different sewage sludges. Effects on soil biological properties. Environmental Technology (United Kingdom), 36, 2217-2226., **@2015**

579. Halpern M., Bar-Tal A., Ofek M., Minz D., Muller T., Yermiyahu U. (2015) The use of biostimulants for enhancing nutrient uptake. Advances in Agronomy, 130, 141-174., **@2015**

203. Muller, D., Medigue, C., Koechler, S., Barbe, V., Lieutaud, A., **Simeonova, D.D.**, Lievremont, D., Lett, M.-C., Bertin, P.N.. A tale of two oxidation states: Bacterial colonization of arsenic-rich environments. PLOS GENETICS, 3, 4, PUBLIC LIBRARY SCIENCE, 185 BERRY ST, STE 1300, SAN FRANCISCO, CA 94107 USA, 2007, ISSN:ISSN: 1553-7390, DOI:DOI: 10.1371/journal.pgen.0030053, SJR:3.521, ISI IF:8.721

Цитира се в:

580. Hyper Accumulation of Arsenic in Mutants of Ochrobactrum tritici Silenced for Arsenite Efflux Pumps, **@2015**

581. Characterization of the arsenite oxidizer Aliihoeflea sp. strain 2WW and its potential application in the removal of arsenic from groundwater in combination with Pf-ferritin, **@2015**

582. 16S rDNA Identification of Arsenite-Oxidizing Bacillus sp. Isolated from Arsenic Contaminated Surface Water Uttar Pradesh, India, **@2015**

583. Toxic metal resistance in biofilms: diversity of microbial responses and their evolution, **@2015**

584. Integrated phytobial remediation for sustainable management of arsenic in soil and water, **@2015**

585. Metagenomic analysis reveals adaptations to a cold-adapted lifestyle in a low-temperature acid mine drainage stream, **@2015**

586. Impacto del arsénico en el ambiente y su transformación por microorganismos., **@2015**

587. Contributions of Descriptive and Functional Genomics to Microbial Ecology, **@2015**

588. Insights into arsenic multi-operons expression and resistance mechanisms in Rhodopseudomonas palustris CGA009, **@2015**

589. Proteomic tools to decipher microbial community structure and functioning, **@2015**

590. The diversity and abundance of As(III) oxidizers on root iron plaque is critical for arsenic bioavailability to rice, **@2015**

591. Community of thermoacidophilic and arsenic resistant microorganisms isolated from a deep profile of mine heaps, **@2015**

592. Arsenate reduction and mobilization in the presence of indigenous aerobic bacteria obtained from high arsenic aquifers of the Hetao basin, Inner Mongolia, **@2015**

593. Effect of arsenic on tolerance mechanisms of two plant growth-promoting bacteria used as biological inoculants, **@2015**

594. 16S rRNA and As-Related Functional Diversity: Contrasting Fingerprints in Arsenic-Rich Sediments from an Acid Mine Drainage, **@2015**

595. Effects of Arsenite Resistance on the Growth and Functional Gene Expression of Leptospirillum ferriphilum and Acidithiobacillus thiooxidans in Pure Culture and Coculture, **@2015**

204. **Simeonov I.**, Noykova N., Gyllenberg M.. Identification and extremum seeking control of the anaerobic digestion of organic wastes. Cybernetics and information technologies, 7, 2, Institute of Information and Communication Technologies - BAS, 2007, ISSN:Print ISSN: 1311-9702 Online ISSN: 1314-4081, 73 - 84

Цитира се в:

596. Lara-Cisneros, G., Aguilar-López, R., & Femat, R. (2015). On the dynamic optimization of methane production in anaerobic digestion via extremum-seeking control approach. Computers & Chemical Engineering, 75, 49-59., **@2015**

597. Beltrán, S., Irizar, I., & Ayesa, E. (2015). Instrumentation, monitoring and real-time control strategies for efficient sewage treatment plant operation. Sewage Treatment Plants: Economic Evaluation of Innovative Technologies for Energy Efficiency, 189., **@2015**

205. Siddiqui, N.I., Idakieva, K., Demarsin, B., **Doumanova, L.**, Compernolle, F., Gielens, C.. Involvement of glycan chains in the antigenicity of Rapana thomasiana hemocyanin. Biochemical and Biophysical Research Communications, 3, Elsevier, 2007, ISSN:0006-291X, 705 - 711. SJR:1.006, ISI IF:2.749

Цитира се в:

598. Matsuno, A., Gai, Z., Tanaka, M., Kato, K., Kato, S., Katoh, T., Shimizu, T., Yoshioka, T., Kishimura, H., Tanaka, Y., Yao, M. Crystallization and preliminary X-ray crystallographic study of a 3.8-MDa respiratory supermolecule hemocyanin (2015) Journal of Structural Biology, 190 (3), pp. 379-382., **@2015**

206. **Stefanova T**, Nikolova N, Michailova A, Mitov I, Iancov I, Zlabinger G, Neychev H. Enhanced resistance to Salmonella enterica serovar Typhimurium infection in mice after coumarin treatment.. Microbes and Infection, 9, 1, 2007, ISSN:1286-4579., 7 - 14. ISI IF:3.154

Цитира се в:

599. Hannan A, Jabeen K, Saleem S. Effect of different doses of Manuka honey in experimentally induced mouse typhoid. Pakistan J. of Pharmaceutical Science, 2015, 28:891-902. ISSN 1011601X., **@2015**

600. Sim M-O, Lee H-I, Ham JR, Seo K-I, Lee M-K. Long-term supplementation of esculetin ameliorates hepatostenosis and insulin resistance partly by activating AdipoR2-AMPK pathway in diet-indused obese mice. J. of Functional Foods, 2015, 15: 160-174. ISSN 17564646., **@2015**

207. Idakieva, K., Gielens, C., Siddiqui, N.I., **Doumanova, L.,** Vasseva, B., Kostov, G., Shnyrov, V.L.. Irreversible thermal denaturation of β-hemocyanin of helix pomatia and its substructures studied by differential scanning calorimetry. Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences, 62, 9, Verlag der Zeitschrift fur Naturforschung., 2007, ISSN:09320784, 499 - 506. ISI IF:0.691

Цитира се в:

601. Carvalho, F.A.O., Alves, F.R., Carvalho, J.W.P., Tabak, M. Guanidine hydrochloride and urea effects upon thermal stability of Glossoscolex paulistus hemoglobin (HbGp) (2015) International Journal of Biological Macromolecules, 74, pp. 18-28., **@2015**

208. Mantareva V., **Kussovski V.**, Angelov I., Borisova E., Avramov L., Schnurpfeil G., Wöhrle D.. Photodynamic activity of water-soluble phthalocyanine zinc(II) complexes against pathogenic microorganisms.. Bioorganic & Medicinal Chemistry, 15, 14, 2007, ISSN:0968-0896, DOI:10.1016/j.bmc.2007.04.069, 4829 - 4835. ISI IF:2.662

Цитира се в:

602. Osifeko O. L., M. Durmus, T. Nyokong. Physicochemical and photodynamic antimicrobial chemotherapy studies of mono- and tetra-pyridyloxy substituted indium (III) phthalocyanines. J. Photoch. Photobio A: Chem. 301 (2015) 47–54, **@2015**

603. Zheng B.-Y., X.-J. Jiang, T. Lin, M.-R. Ke, J.-D. Huang. Novel silicon(IV) phthalocyanines containing piperidinyl moieties: Synthesis and in vitro antifungal photodynamic activities. Dyes and Pigments 112 (2015) 311-316, **@2015**

604. Allardyce C.S., R. Bays, N. Thévenaz. Light in medicine: The interplay of chemistry and light. Chimia 69, 2015, ½, 10–16. DOI:10.2533/chimia.2015.10, **@2015**

605. Spagnul C., L.C. Turner, R.W. Boyle, Immobilized Photosensitisers for antimicrobial applications, Journal of Photochemistry and Photobiology B: Biology (2015), **@2015**

606. Yabaş E., E. Bağda, E. Bağda. The water soluble ball-type phthalocyanine as new potential anticancer drugs. Dyes Pigments 120, 2015, 220-227, **@2015**

607. Lourenço L., A.Sousa, M. C. Gomes, M. A. F. Faustino, A. Almeida, A. Silva, G. Neves, J. A. S. Cavaleiro, Â. Cunha and J.Tome. Inverted methoxypyridinium phthalocyanines for PDI of pathogenic bacteria. Photochem. Photobiol. Sci., 2015, 14, 1853-1863, **@2015**

608. Li, X-S., Guo, J., Zhuang, J-J., Zheng, B-Y., Ke, M-R., Huang, J-D., Highly positivecharged zinc(II) phthalocyanine as non-aggregated and efficient antifungal photosensitizer, Bioorganic & Medicinal Chemistry Letters (2015), doi: http://dx.doi.org/10.1016/j.bmcl.2015.04.004, **@2015**

209. **Markova N**. Antibacterial and antimycotic activity of a cross-linked electrospun poly (vinyl pyrrolidone)–iodine complex and a poly (ethylene oxide)/poly (vinyl pyrrolidone)–iodine complex. Journal of Biomaterials Science, Polymer Edition, 19, 3, Taylor and Francis, 2008, ISSN:0920-5063, DOI:10.1163/156856208783721056, 373 - 386. ISI IF:2.158

Цитира се в:

609. Pelipenko J, P Kocbek, J Kristl Critical attributes of nanofibers: Preparation, drug loading, and tissue regeneration International journal of pharmaceutics, 484: 57–74 (2015), **@2015**

610. Černoch P, Z Černochová, J Kučka, M Hrubý. Thermoresponsive polymer system based on poly (N-vinylcaprolactam) intended for local radiotherapy applications.Applied Radiation and Isotopes 98: 7–12, **@2015**

210. **Abrashev R. I.**, Pashova S.B., Stefanova L.N., **Vassilev S.V.**, Dolashka-Angelova P.A., **Angelova M.B.**. Heat-shock-induced oxidative stress and antioxidant response in Aspergillus niger 26.. Can J Microbiol, 54, 12, NRC Research Press, 2008, ISSN:0008-4166, DOI:10.1139/W08-091, 977 - 983. ISI IF:1.102

Цитира се в:

611. Tianpei X., Mao Z., Zhu Y., Li S. Expression of Rice Mature Carbonic Anhydrase Gene Increase E. coli Tolerance to Heat Stress. Applied Biochemistry and Biotechnology, 2015, 176, 2, 625-635, **@2015**

612. Li J., Qin R.-Y., Li H., Xu R.-F., Qiu C.-H., Sun Y.-C., Ma H., Yang Y.-C.,Ni D.-H., Li L, Wei P.-C., Yang J.-B. Identification and analysis of the mechanism underlying heat-inducible expression of rice aconitase 1. Plant Science 2015, 233, 22-31, **@2015**

613. Garcia-Ortiz N., Tlecuitl-Beristain S., Favela-Torres E., Loera O. Production and quality of conidia by Metarhizium anisopliae var. lepidiotum: critical oxygen level and period of mycelium competence, 2015, Applied Microbiology and Biotechnology, 99, 6, 2783-2791, **@2015**

614. Futagami T., Mori K., Wada S., Ida H. Kajiwara Y., Takashita H., Tashiro K., Yamada O., Omori, T., Kuhara S., Goto, M. Transcriptomic analysis of temperature responses of Aspergillus kawachii during barley koji production, 2015, Applied and Environmental Microbiology, 81, 4, 1353-1363, **@2015**

615. Cavalcanti Luna, M.A. Vieira, E.R. Okada, K. Campos-Takaki, G.M. do Nascimento, A.E.Copper-induced adaptation, oxidative stress and its tolerance in Aspergillus niger UCP1261. Electronic Journal of Biotechnology 2015, 18, 6, 418-427, **@2015**

211. **Avramova T., Sotirova A., Galabova D., Karpenko E.**, **Galabova, D.**. Effect of Triton X-100 and rhamnolipid PS-17 on the mineralization of phenanthrene by Pseudomonas sp. cells.. International Biodeterioration & Biodegradation, 2008, ISI IF:1.375

Цитира се в:

616. Ravanipour, M., Kalantary, R.R., Mohseni-Bandpi, A., Esrafili, A., Farzadkia, M., Hashemi-Najafabadi, S., Experimental design approach to the optimization of PAHs

bioremediation from artificially contaminated soil: Application of variables screening development. Journal of Environmental Health Science and Engineering, 2015, 13 (1), art. no. 22., **@2015**

617. Bezza, Fisseha Andualem, Mervyn Beukes, and Evans M. Nkhalambayausi Chirwa. Application of biosurfactant produced by Ochrobactrum intermedium CN3 for enhancing petroleum sludge bioremediation. Process Biochemistry, 2015. DOI: 10.1016/j.procbio.2015.07.002, **@2015**

618. Ntougias, Spyridon, et al. Diversity and efficiency of anthracene-degrading bacteria isolated from a denitrifying activated sludge system treating municipal wastewater. International Biodeterioration & Biodegradation, 2015, 97, 151-158., **@2015**

619. Ravanipour, Masoumeh, et al. "Experimental design approach to the optimization of PAHs bioremediation from artificially contaminated soil: application of variables screening development. Journal of Environmental Health Science and Engineering 13.1 (2015): 22., **@2015**

212. Yoneva A., Georgieva K., Mizinska Y., Nikolov P.N., Georgiev B.B., **Stoitsova S.R.**. Ultrastructureof spermiogenesis and mature spermatozoon of Anonchotaenia globata (von Linstow, 1879) (Cestoda, Cyclophyllidea, Paruterinidae).. Acta Zoologica (Stockholm), 91, 2008, ISSN:1463-6395, 184 - 192. ISI IF:0.906

Цитира се в:

620. J Miquel, J Torres, C Feliu, Ultrastructure of spermiogenesis and the spermatozoon in cyclophyllidean cestodes. In: Recent advances in Pharmaceutical Sciences V, D. Munoz-Torrero, MP Vinardell and J Palazon, eds., 2015, pp. 101-115., **@2015**

213. **Tchorbanov A**, Krassimira Idakieva, **Mihaylova N**, **Doumanova L**. Modulation of the immune response using Rapana thomasiana hemocyanin. International Immunopharmacology, 2008, ISI IF:2.157

Цитира се в:

621. Benkendorff, K. , Rudd, D. , Nongmaithem, B.D. , Liu, L. , Young, F. , Edwards, V. , Avila, C. , Abbott, C.A. Are the traditional medical uses of Muricidae molluscs substantiated by their pharmacological properties and bioactive compounds? Marine Drugs; Volume 13, Issue 8, 1 August 2015, Pages 5237-5275, **@2015**

214. Li, Q.,, **Abrashev, R.,**, Harvey, L.M.,, McNeil, B.. Oxidative stress-associated impairment of glucose and ammonia metabolism in the filamentous fungus, Aspergillus niger B1-D.. Mycol Res, 112, (9), 2008, ISSN:0953-7562, 1049 - 1055. ISI IF:2.154

Цитира се в:

622. Chu, X.L., Feng, M.G., Ying, S.H.Transcriptomic analysis reveals the potential antioxidant pathways regulated by multiprotein bridging factor 1 (BbMBF1) in the fungal entomopathogen Beauveria bassiana. Biocontrol Sci. Technol. 2015, 25, 11, 1346-1358., **@2015**

215. **Todorova, D.,**, Nedeva, D.,, **Abrashev R**, **Tsekova, K.**. Cd (II) stress response during the growth of Aspergillus niger B 77. J Appl Microbiol, (1), 104, 2008, ISSN:1365-2672, 178 - 184. ISI IF:2.098

Цитира се в:

623. Chanda A., Phani M., OlaM., Gomaa G. Mycoremediation with mycotoxin

producers: a critical perspective. App. Microbiol. Biotechnol. 2015, 1-13, **@2015**

216. **Kabaivanova, L.**, Dimitrov, P., **Boyadzhieva, I.**, **Engibarov, S.**, Dobreva, E., Emanuilova E.. Nitrile degradation by free and immobilized cells of the thermophile Bacillus sp. UG-5B, isolated from polluted industrial waters. World Journal of Microbiology and Biotechnology, 2008, ISSN:0959-3993, ISI IF:1.35

Цитира се в:

624. Mukram, Anand S. Nayak, B. Kirankumar, T.R. Monisha, Pooja V. Reddy, T.B. Karegoudar Isolation and identification of a nitrile hydrolyzing bacterium and simultaneous utilization of aromatic and aliphatic nitriles. International Biodeterioration & Biodegradation 2015, 100, 165-171, **@2015**

217. Samuneva B., **Kabaivanova L.**, Chernev G., Djambaski P., Kashchieva E., Emanuilova E., Salvado I.M., Wu A.. Sol-gel synthesis and structure of silica hybrid materials.. Journal of Sol-Gel Science and Technology, 48, 2008, 73 - 79. ISI IF:1.433

Цитира се в:

625. Agoudjil, N., Lamrani, N., Larbot, A. Silica porous membranes synthesis and characterization Desalination and Water Treatment 2015, 55 (11), 2988-2995, **@2015**

218. Weber J., **Georgiev V.**, Pavlov A., Bley Th.. Flow cytometric investigations of diploid and tetraploid plants and in vitro cultures of Datura stramonium and Hyoscyamus niger.. Cytometry (Part A), 73, 2008, 931 - 938. ISI IF:3.259

Цитира се в:

626. Acanda Y., Martínez Ó., González M.V., Prado M.J., Rey M. Highly efficient in vitro tetraploid plant production via colchicine treatment using embryogenic suspension cultures in grapevine (Vitis vinifera cv. Mencía). Plant Cell, Tissue and Organ Culture. 123(3): 547 – 555, 2015., **@2015**

219. **Georgiev V.**, Ilieva M., Bley Th., **Pavlov A.**. Betalain production in plant in vitro systems. Acta Physiologia Plantarum., 30, 5, 2008, 581 - 593. ISI IF:0.807

Цитира се в:

627. González Nava, C. (2015). Caracterización físico química del fruto de garambullo (Myrtillocactus geometrizans). Thesis Maestro en Ciencias-Recursos Bioticos, Universidad Autonoma de Queretaro, Santiago de Queretaro. http://ri.uaq.mx/handle/123456789/2577, **@2015**

628. Khan, M. I. (2015). Studies on pigments from fruits of Rivina Humilis L characterisation elicitation stability and safety. Thesis Doctor of Philosophy in Biochemistry, University of Mysore, India, http://hdl.handle.net/10603/36454, **@2015**

629. Khan, M. I., Kumar, A., Giridhar, P. (2015). Betalains and expression of antioxidant enzymes during development andabiotic stress in Rivina humilis L. berries. Turkish Journal of Botany, 40(1), 28-36. ISSN: 1300-008X, **@2015**

630. Khan M.I., Giridhar P. Plant betalains: Chemistry and biochemistry. Phytochemistry 117: 267–295, 2015., **@2015**

631. de Aguiar Lage D., da Silva Tirado M., Vanicore Sh.R., de Carvalho Sabino K. C.,

Albarello N. Production of betalains from callus and cell suspension cultures of Pereskia aculeata Miller, an unconventional leafy vegetable. Plant Cell, Tissue and Organ Culture. 122(2): 341 – 350, 2015., **@2015**

632. Warhade M.I., Badere R.S. Isolation of callus of Celosia cristata L. with variation in betalain content. J. Indian Bot. Soc. 94 (1,2): 89-96, 2015., **@2015**

220. Dolashki, A., **Abrashev, R.**, Stevanovic, S., Stefanova, L., Abasid, A., Velkova, L., Hristova, R., **Angelova, M.**, Voelter, W., Devreese, B., Van Beeumen, J., Dolashka-Angelova, P.. Biochemical properties of Cu/Zn-superoxide dismutase from fungal strain Aspergillus niger 26. Spectrochimica Acta Part A, 71, 3, Elsevier, 2008, ISSN:ISSN: 1386-1425, DOI:doi:10.1016/j.saa.2008.02.023, 975 - 983. ISI IF:1.51

Цитира се в:

633. Montibus, M., Pinson-Gadais, L., Richard-Forget, F., Barreau C., Ponts N. Coupling of transcriptional response to oxidative stress and secondary metabolism regulation in filamentous fungi, Crit Rev Microbiol 2015, 41, 3, 295-30, **@2015**

221. Borba, C. E., Silva, E. A. da, Fagundes-Klen, M. R., **Kroumov, A. D.**, Guirardello, R.. Prediction of the copper (II) ions dynamic removal from a medium by using mathematical models with analytical solution. Journal of Hazardous Materials, 152, 1, ELSEVIER, 2008, ISSN:0304-3894, DOI:10.1016/j.jhazmat.2007.07.005, 366 - 372. ISI IF:2.975

Цитира се в:

634. Almazán-Sánchez, P., M. Castañeda-Juárez, V. Martínez-Miranda, M.J. Solache-Ríos, V. Lugo-Lugo and I. Linares-Hernández (2015): Behavior of TOC and Color in the Presence of Iron-Modified Activated Carbon in Methyl Methacrylate Wastewater in Batch and Column Systems. Water, Air, & Soil Pollution C7 - 72. 226(3), 1-13. ISSN:0049-6979, **@2015**

635. Myzairah Hamdzah, Zaini Ujang, Mohamed Mahmoud Nasef, Norhayati Abdullah&Farrah Aini Dahalan, (2015) Removal of Ni(II), Zn(II) and Pb(II) from aqueous solutions using cation-exchange resin in fixed-bed column, Desalination and Water Treatment, DOI: 10.1080/19443994.2015.1095118, **@2015**

636. Zeynep Ekmekyapar Kul, Yaşar Nuhoğlu, Sinan Kul, Çiğdem Nuhoğlu & Fatma Ekmekyapar Torun, (2015). Mechanism of heavy metal uptake by electro paramagnetic resonance and FTIR: enhanced manganese(II) removal onto waste acorn of Quercus ithaburensis, Separation Science and Technology, DOI:10.1080/01496395.2015.1081943, **@2015**

222. **Gousterova A.**, Nustorova M., Christov P., Nedkov P., Neshev G., **Vasileva-Tonkova E.**. Development of a biotechnological procedure for treatment of animal wastes to obtain inexpensive biofertilizer.. World J. Microbiol. Biotechnol., 24, 2008, 2647 - 2652. ISI IF:0.945

Цитира се в:

637. Hassan H. A. (2015). Effect of Nitrogen Fertilizer Levels in the Form of Organic, Inorganic and Bio fertilizer Applications on Growth, Yield and Quality of Strawberry. Sciences, 5(02), 604-617., **@2015**

223. Bakalova, R., Zhelev, Zh, Aoki, I, Masamoto, K., **Mileva, M.**, Obata, H., Higuchi, M., Gadzheva, V., Kanno, I.. Multimodal silica-shelled quantum dots: direct intracellular delivery, photosensitization, toxic, and microcirculation effects. Bioconjugate Chemistry, 19,

6, American Chemical Society, 2008, ISSN:1520-4812, DOI:10.1021/bc700431c, 1135 - 1142. ISI IF:4.513

Цитира се в:

638. Shen J., Li Y, Zhu Y., Yang X., Yao X., Jun Li, Huangd G., Li Ch.Multifunctional gadolinium-labeled silica-coated Fe3O4 and CuInS2 nanoparticles as a platform for in vivo tri-modality magnetic resonance and fluorescence imaging. .J. Mater. Chem. B, 2015,3, 2873-2882, **@2015**

639. Qiong Wu, Lu Chen, Liang Huang, Jing Wang, Jiawei Liu, Chao Hu, Heyou Han. Quantum dots decorated gold nanorod as fluorescent-plasmonic dual-modal contrasts agent for cancer imaging. 2015, 74, 16–23, **@2015**

640. Wegner KD, Hildebrandt N. Multifunctional gadolinium-labeled silica-coated Fe3O4 and CuInS2 nanoparticles as a platform for in vivo tri-modality magnetic resonance and fluorescence imaging.Chemical Society Reviews, 2015, 44, 4792-4834, **@2015**

641. Liao H., Wang Z.,Chen S., Wu H., Ma X., Tan M. One-pot synthesis of gadolinium (III) doped carbon dots for fluorescence/magnetic resonance bimodal imaging. RSC Advances Issue 82, 2015, **@2015**

642. Ma M., Zheng X. Preparation of brightly fluorescent silica nanoparticles modified with lucigenin and chitosan, and their application to an aptamer-based sandwich assay for thrombin. Microchimica Acta, 2015, 182, Issue 13, pp 2193-2199, **@2015**

643. Jianhua Shen, Yunfeng Li, Yihua Zhu, Xiaoling Yang, Xiuzhong Yao, Jun Li, Guangjian Huang and Chunzhong Li. Multifunctional gadolinium-labeled silica-coated Fe3O4 and CuInS2 nanoparticles as a platform for in vivo tri-modality magnetic resonance and fluorescence imaging. Journal of Materials Chemistry B Issue 14, 2015. Materials for biology and medicine, First published online 18 Feb 2015, **@2015**

224. Espinoza-Quinones, F. R., Da Silva, E. A., De Almeida Rizzutto, M., Palacio, S. M., Modenes, A. N., Szymanski, N., Martin, N., **Kroumov, A. D.**. Chromium ions phytoaccumulation by three floating aquatic macrophytes from a nutrient medium. World Journal of Microbiology and Biotechnology, 24, 12, Springer, 2008, ISSN:09593993, DOI:10.1007/s11274-008-9853-9, 3063 - 3070. ISI IF:0.945

Цитира се в:

644. M. N. V. Passad, (2015). Chapter 7-Phytoremediation Crops and Biofuels, Sustainable Agriculture Reviews, v.17,. 159-261. ISBN: 9783319167411, DOI 10.1007/978-3-319-16742-8., **@2015**

645. Shalini Srivastava, S. B. Agrawal, M. K. Mondal, (2015). A review on progress of heavy metal removal using adsorbents of microbial and plant origin, Environmental Science and Pollution Research, v. 22, #20, p. 15386-15415, DOI: 10.1007/s11356-015-5278-9, **@2015**

225. **Atanasova, N.**, **Petrova, P.**, Ivanova, V., Yankov, D., Vassileva, A., Tonkova, A.. Isolation of novel alkaliphilic Bacillus strains for cyclodextrin glucanotransferase production. Applied Biochemistry and Biotechnology, 149, 2, Humana Press Inc, 2008, ISSN:0273-2289, DOI:10.1007/s12010-007-8128-5, 155 - 167. SJR:0.461, ISI IF:1.04

Цитира се в:

646. Melzer S., Sonnendecker C., Föllner C., Zimmermann, W., Stepwise error-prone

PCR and DNA shuffling changed the pH activity range and product specificity of the cyclodextrin glucanotransferase from an alkaliphilic Bacillus sp. FEBS open bio, 2015, vol. 5, 528-534., **@2015**

647. Ahmad N., Mehboob S., Rashid N. Starch-processing enzymes–emphasis on thermostable 4-α-glucanotransferases. Biologia, 2015, 70(6), 709-725., **@2015**

648. Xiay, M., Li C.C., Genetic modification and high expression of cyclodextrin glycosyltransferase, Cina Biotechnology, 2015, vol. 3 (2)., **@2015**

226. Kostadinova, E., Alipieva, K., Stefova, M., Antonova, D., Evstatieva, L., Stefkov, G., **Tsvetkova, I.**, **Naydenski, H.**, Bankova, V.. Influence of cultivation on the chemical composition and antimicrobial activity of Sideritis spp.. Pharmacognosy Magazine, 4, 14, Medknow Publications and Media Pvt. Ltd, 2008, ISSN:0973-1296, 102 - 106

Цитира се в:

649. Shtereva, L. A., Vassilevska-Ivanova, R. D., & Kraptchev, B. V. (2015). In vitro cultures for micropropagation, mass multiplication and preservation of an endangered medicinal plant Sideritis scardica Griseb. Botanica Serbica, 39(2)., **@2015**

227. Petrov, K., Urshev, Z., **Petrova, P.**. l(+)-Lactic acid production from starch by a novel amylolytic Lactococcus lactis subsp. lactis B84. Food Microbiology, 25, 4, Elsevier Ltd., 2008, ISSN:0740-0020, DOI:10.1016/j.fm.2008.02.005, 550 - 557. SJR:1.125, ISI IF:2.847

Цитира се в:

650. Panda S.H., Ray R.C. Amylolytic Lactic Acid Bacteria: Microbiology and Technological Interventions in Food Fermentation. In: Fermented Foods, Part I: Biochemistry and Biotechnology, 2015, Eds.: D. Montet, R. C. Ray, pp. 148-165, CRC Press, ISBN 9781498740814., **@2015**

651. Poudel P., Tashiro Y., Miyamoto Hir., Miyamoto His., Okugawa Y., Sakai K. Direct starch fermentation to l-lactic acid by a newly isolated thermophilic strain, Bacillus sp. MC-07, J. Ind. Microbiol. Biotechnol., 2015, vol. 42 (1), 143-149., **@2015**

652. Panesar P.S., Kaur S. Bioutilisation of agro-industrial waste for lactic acid production, International Journal of Food Science and Technology, 2015, doi:10.1111/ijfs.12886, **@2015**

653. Благоева Г. , Селекция и молекулярно характеризиране на амилолитични млечнокисели бактерии за приложение в ХВП, Дисертация за прписъждане на образователна и научна степен «Доктор», катедра «Биотехнология», УХТ, Пловдив, 2015., **@2015**

228. Spasova, M., Philipov, S., Nikolaeva-Glomb, L., **Galabov, A.S.**, Milkova, Ts.. Cinnamoyl- and hydroxycinnamoyl amides of glaucine and their antioxidative and antiviral activities. Bioorganic and Medicinal Chemistry, 16, 15, Elsevier, 2008, DOI:doi: 10.1016/j.bmc.2008.06.010., 7457 - 7461. ISI IF:3.075

Цитира се в:

654. Tietjen, I., Ntie-Kang, F., Mwimanzi, P., (...), Brumme, Z.L., Fedida, D. Screening of the pan-African natural product library identifies ixoratannin A-2 and boldine as novel HIV-1 inhibitors. 2015 PLoS ONE, **@2015**

655. Ngan, L.T.M., Jang, M.J., Kwon, M.J., Ahn, Y.J. Antiviral activity and possible mechanism of action of constituents identified in Paeonia lactiflora root toward

human rhinoviruses. 2015 PLoS ONE., **@2015**

229. **Vasileva-Tonkova E.**, Galabova D., Stoimenova E., Lalchev Z.. Characterization of bacterial isolates from industrial wastewater according to probable modes of hexadecane uptake.. Microbiol. Res., 163, 2008, ISSN:0944-5013, 481 - 486. ISI IF:2.054

Цитира се в:

656. Bharali P. Biochemical and molecular characterization of bacterial biosurfactant. PhD Thesis, 2015, Tezpur University, Assam, India, **@2015**

230. **Tsekova, K**, Christova, D, **Todorova, D**, Ivanova, S. Biosorption of ternary mixture of heavy metals by entrappted in PVA-hydrogel biomass of Penicillium cyclopium. Comptes Rendus de L'Academie Bulgare des Sciences, 61, 9, 2008, ISSN:1310-1331, 1175 - 1180. ISI IF:0.52

Цитира се в:

657. Gupta, A., Josun, J., Sharma,P. Zn(II) and Pb(II) bioaccumulation by Bacillus sp.: A comparative study. Annals of AgriBio Research, 2015, 20(1), 11-18., **@2015**

231. Voynova, E., **Tchorbanov, A.**, Prechl, J., Nikolova, M., Baleva, M., Erdei, A., **Vassilev, T.**. An antibody-based construct carrying DNA-mimotope and targeting CR1(CD35) selectively suppresses human autoreactive B lymphocytes. Imm Let, 116, 2008, 168 - 173. ISI IF:2.858

Цитира се в:

658. Palm, Anna-Karin E. Function and Regulation of B-cell Subsets in Experimental Autoimmune Arthritis. Doctoral thesis 2015, Uppsala University, Acta Universitatis Upsaliensis, 57 p. ISBN: 978-91-554-9382-0, **@2015**

232. **Tsvetanova Zvezdimira**, Hoekstra E.J.. Assessment of Biomass Production Potential of Products in Contact with Drinking Water. JRC Technical Notes, EUR 23089 EN, OPOCE, Luxembourg, 2008, ISSN:1018-5593, 1 - 53

Цитира се в:

659. Szczotko, M., & Krogulska, B. (2015). Wdrożenie metody oceny podatności materiałów przeznaczonych do kontaktu z wodą na powstawanie biofilmu do procedury atestacyjnej prowadzonej przez NIZP-PZH. Technologia Wody, 5, 48-50., **@2015**

233. B. Tuleva,, **Christova N.,**, R. Cohen, G. Stoev, I. Stoineva.. Production and structural elucidation of trehalose tetraesters (biosurfactants) from a novel alkanothrophic Rhodococcus wratislaviensis strain.. Journal of Applied Microbiology, 104, 6, 2008, ISSN:1365-2672, 1703 - 1710. ISI IF:2.028

Цитира се в:

660. Chibuzo Uzoigwe, J. Grant Burgess, Christopher J. Ennis, Pattanathu K. S. M. Rahman. Bioemulsifiers are not biosurfactants and require different screening approaches. Front Microbiol. 6: 245., **@2015**

661. Inès M., Dhouha G. Microbial derived surface active compounds: properties and screening concept. World Journal of Microbiology and Biotechnology, 31, 7, 1001-1020 ., **@2015**

662. M Inès, G. Dhouha. Glycolipid biosurfactants: Potential related biomedical and biotechnological applications. Carbohydrate Research, 416, 59-69., **@2015**

663. M. L. Y. Leon. Caracterización de una cepa de Pseudomonas Fluorescen promotora del crecimiento vegetal. TESIS DE DOCTORADO, 2015, Laboratorio de Ecología Microbiana. Departamento de Bioquímica y Genómica Microbianas, IIBCE, **@2015**

234. **Dimitrova, P**, **Ivanovska, N**. Tyrphostin AG-490 inhibited the acute phase of zymosan-induced inflammation. International immunopharmacology, 8, (11), 2008, 1567 - 1577. ISI IF:2.06

Цитира се в:

664. Cheppudira, B. P., Garza, T. H., Petz, L. N., Clifford, J. L., & Fowler, M. (2015). Anti-hyperalgesic effects of AG490, a Janus kinase inhibitor, in a rat model of inflammatory pain. Biomedical reports, 3(5), 703-706., **@2015**

235. Remichkova, M., **Galabova, D.**, Roeva, I., Karpenko, E., Shulga, A., **Galabov, A.S.**. Anti-herpesvirus activities of Pseudomonas sp. S-17 rhamnolipid and its complex with alginate. Zeitschrift fur Naturforschung - Section C Journal of Biosciences, 63, 1-2, 2008, ISSN:(Online) 1865-7125, 75 - 81. ISI IF:0.776

Цитира се в:

665. Dhouha, M. Glycolipid biosurfactants: Potential related biomedical and biotechnological applications 2015, Carbohydrate Research, 416, 7042, pp. 59-69, **@2015**

236. Dolashka-Angelova P, **Stefanova T**, Livaniou E, Velkova L, Klimentzou P, Stevanovic S, Salvato B, Neychev H, Voelter W. Immunological potential of Helix vulgaris and Rapana venosa hemocyanins.. Immunol. Invest., 37, 2008, ISSN:0882-0139, 822 - 840. ISI IF:1.529

Цитира се в:

666. Chen J-W, Wu Q-H, Rowley DC, Al-Kareef AMQ, Wang H. Anticancer agent-based marine natural products and related compounds. J. Asian Natural Products Research, 2015, 17:199-216, ISSN 10286020., **@2015**

237. Spasova, D., Aleksieva, P.,, **Nacheva, L.,**, **Kabaivanova, L.,**, Chernev, G., Samuneva, B.. Examination of Humicola lutea immobilized in sol-gel matrices: Effective source of α-galactosidase.. Z. Naturforsch.,, 63c, 11-12, 2008, ISSN:0939-5075, 893 - 897. ISI IF:0.776

Цитира се в:

667. Wang X., Ahmed NB., Alvarez GS., Tuttolomondo MV., Helary C., Desimone MF., Coradin T. Sol-gel encapsulation of biomolecules and cells for medicinal applications. Curr Topics Medicinal Chem, 15, 223-244., **@2015**

238. Kratchanova M., Gocheva M., Pavlova E., Yanakieva I., Nedelcheva D., **Kussovski V.**, Slavov A.. Characteristics of pectic polysaccharides from leek obtained through consecutive extraction with various reaction agents. Bulg Chem Commun, 40, 4, 2008, ISSN:0324-1130, 561 - 567. ISI IF:0.349

Цитира се в:

668. Babbar, N., Roy, S.V., Wijnants, M., Dejonghe, W., Caligiani, A., Sforza, S., Elst, K. Effect of extraction conditions on the saccharide (neutral and acidic) composition of the crude pectic extract from various agro-industrial residues. Journal of agricultural and food chemistry, 2015, DOI: 10.1021/acs.jafc.5b04394, **@2015**

239. Atanassova, M., Derekova, A., Mandeva, R., Sjøholm C.,, **Kambourova, M.**. Anoxybacllus bogrovensis sp. nov., a novel thermophilic bacterium isolated from Dolni Bogrov's hot spring, Bulgaria.. International Journal of Systematic and Evolutionary Microbiology, 58(10), 2330 – 2335., 2008, ISI IF:1.463

Цитира се в:

669. Gursahani, Y. H., & Gupta, S. G. (2015). Hexavalent Chromium Reduction by Anoxybacillus rupiensis isolated From Hot Water Spring of Dhapoli, Maharashtra, India. Journal of Petroleum & Environmental Biotechnology, 6(4), 1., **@2015**

240. **Valcheva V.**, Mokrousov I., Rastogi N., Narvskaya O., **Markova N.**. Molecular snapshot of drug-resistant and drug-susceptible Mycobacterium tuberculosis strains circulating in Bulgaria.. Infection, Genetics and Evolution, 8, 5, Elsevier, 2008, ISSN:1567-1348, DOI:10.1016/j.meegid.2008.06.006, 657 - 663. ISI IF:3.02

Цитира се в:

670. Yuen, C. M.; Rodriguez, C. A.; Keshavjee, S.; Becerra, M. C.Map the gap: missing children with drug-resistant tuberculosis. Public Health Action, 5: 45-58 (2015), **@2015**

671. Tanuchit S, P Pinlaor, P Sribenjalux, A. Sangka Molecular typing of Mycobacterium tuberculosis isolated from patients in Srinagarind Hospital: Analysis by mycobacterial interspersed repetitive unit-variable number tandem repeat. Journal of Medical Technology and Physical therapy vol.27 number 2 (2015), **@2015**

241. **Ivanovska, N**, **Dimitrova, P**, Luckett, J, Rachkidy-Lonnen, R, Shwaeble, W, Stover, C. Properdin Deficiency in Murine Models of Non-septic Shock. J. Immunol., 180, 2008, 6962 - 6969. ISI IF:6.29

Цитира се в:

672. Choi J-, Seo JY, Yoon Y-, Lee Y-, Kim H-, Kang JL. Mer signaling increases the abundance of the transcription factor LXR to promote the resolution of acute sterile inflammation. Sci Signal 2015;8(365)., **@2015**

242. **Valcheva V.**, Mokrousov I., Rastogi N., Narvskaya O., **Markova N.**. Molecular characterization of Mycobacterium tuberculosis isolates from different regions of Bulgaria.. Journal of clinical microbiology, 46, 3, American Society for Microbiology (United States), 2008, ISSN:0095-1137, DOI:10.1128/JCM.01841-07, 1014 - 1018. ISI IF:3.945

Цитира се в:

673. Bouklata N, Supply P, Jaouhari S, Charof R, Seghrouchni F, Sadki K, et al. (2015) Molecular Typing of Mycobacterium Tuberculosis Complex by 24-Locus Based MIRU-VNTR Typing in Conjunction with Spoligotyping to Assess Genetic Diversity of Strains Circulating in Morocco. PLoS ONE 10(8): e0135695 (2015), **@2015**

674. Jagielski T, M Klatt, Z Zwolska, E Augustynowicz. Spoligotype-defined population structure of drug-resistant Mycobacterium tuberculosis isolates in Eastern Poland Kopeć Postępy Nauk Medycznych, t. XXVIII, nr 4, (2015), **@2015**

675. Gulich GA, Tulu KT, Worku A, Zewude A, Chimidi GA (2015) Molecular Characterization of Mycobacterium tuberculosis Complex in Gambella Region, South west Ethiopia. J Med Diagn Meth 4:175. doi: 10.4172/2168-9784.1000175 (2015), **@2015**

243. Derekova, A., Mandeva, R.,, **Kambourova, M.**. Phylogenetic diversity of thermophilic carbohydrate degrading bacilli from Bulgarian hot springs. World Journal of Microbiology and Biotechnology, 2008, ISI IF:0.945

Цитира се в:

676. Aanniz, T., Ouadghiri, M., Melloul, M., Swings, J., Elfahime, E., Ibijbijen, J., ... & Amar, M. (2015). Thermophilic bacteria in Moroccan hot springs, salt marshes and desert soils. Brazilian Journal of Microbiology, 46(2), 443-453., **@2015**

677. Kikani, B.A., Sharma, A.K., Singh, S.P. (2015). Culture dependent diversity and phylogeny of thermophilic bacilli from a natural hot spring reservoir in the Gir Forest, Gujarat (India). Microbiology (Russian Federation), 84 (5), pp. 687-700, **@2015**

244. Simova, E.D., **Beshkova, D.M.**, Angelov, M.P., Dimitrov, Zh.P.. Bacteriocin production by strain Lactobacillus delbrueckii ssp. bulgaricus BB18 during continuous prefermentation of yogurt starter culture and subsequent batch coagulation of milk.. Journal of Industrial Microbiology and Biotechnology, 35, 6, 2008, ISSN:1367-5435, DOI:10.1007/s10295-008-0317-x, 559 - 567. SJR:0.86

Цитира се в:

678. Goldstein, E.J. C., Tyrrell, K.L., Citron, D. M. Lactobacillus Species: Taxonomic Complexity and Controversial Susceptibilities, Clinical Infectious Diseases, 2015, 60, S2:S98–107, **@2015**

679. Oncul N., Yildirum Z., Yildirum M. Effect of Lactococcin BZ and Enterocin KP on the activity of yoghurt cultures. Turkish Journal of Agriculture-Food Science and Technology, 2015, 3, 5, 342-345., **@2015**

680. Mahmood T., Masud T., Ali S., Abbasi K.S., Liaquat M. Optimization and partial characterization of bacteriocin produced by Lactobacillus bulgaricus-TLBFT isolated from Dahi. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 561-567, **@2015**

245. **Markova N**, **Valcheva V**. Cell wall deficiency and its effect on methicillin heteroresistance in Staphylococcus aureus. International journal of antimicrobial agents, 31, 3, Elsevier, 2008, ISSN:0924-8579, DOI:http://dx.doi.org/10.1016/j.ijantimicag.2007.09.015, 255 - 260. ISI IF:3.067

Цитира се в:

681. El-Halfawy OM, Valvano MA. Antimicrobial heteroresistance: an emerging field in need of clarity. Clin Microbiol Rev 28:191–207 (2015), **@2015**

246. **Valcheva V.**, Mokrousov I., Narvskaya O., Rastogi N., **Markova N.**. Utility of new 24-locus variable-number tandem-repeat typing for discriminating Mycobacterium tuberculosis clinical isolates collected in Bulgaria. Journal of clinical microbiology, 46, 9, American Society for Microbiology (United States), 2008, ISSN:0095-1137, DOI:10.1128/JCM.00437-08, 3005 - 3011. ISI IF:3.945

Цитира се в:

682. RÄISÄNEN PE, H. SOINI, T. VASANKARI, P.W. SMIT, J. P. NUORTI, J. OLLGREN, P. RUUTU and O. LYYTIKÄINEN. Tuberculosis in immigrants in Finland, 1995–2013. Epidemiology and Infection, 144: 425-433 (2015), **@2015**

683. Ramazanzadeh R, Roshani D, Shakib P, Rouhi S. Prevalence and occurrence rate of

Mycobacterium tuberculosis Haarlem family multi-drug resistant in the worldwide population: A systematic review and meta-analysis. J Res Med Sci Jan; 20(1): 78–88 (2015), **@2015**

684. Karsligil, T. (2015). Determination of genotypic varieties and genotyping of multiple drug-resistant tuberculosis by RFLP and Spoligotyping methods (Doctoral dissertation, Gaziantep University)., **@2015**

247. Sotirova A., Spasova D., Galabova D, Karpenko E., Shulga A.. Sotirova A., Spasova D., Galabova D, Karpenko E., Shulga A. Rhamnolipid-Biosurfactant Permeabilizing Effects on Gram-Positive and Gram-Negative Bacterial Strains.. , 2008

Цитира се в:

685. Shokouhfard, Maliheh, et al. The inhibitory effect of a Lactobacillus acidophilus derived biosurfactant on Serratia marcescens biofilm formation." Iranian Journal of Basic Medical Sciences, 2015, 18, 1001-1007., **@2015**

686. Inès, M., Dhouha, G., Glycolipid biosurfactants: Potential related biomedical and biotechnological applications. Carbohydrate Research, 2015, 416, art. no. 7042, 59-69., **@2015**

687. Rodrigues, L.R., Microbial surfactants: Fundamentals and applicability in the formulation of nano-sized drug delivery vectors. Journal of Colloid and Interface Science, 2015, 449, 304-316., **@2015**

688. Boulanger, Simon, et al. "The Bactericidal Effect of the Tomatidine and Tobramycin Combination Against MRSA and Pseudomonas aeruginosa is Enhanced by Interspecific Small Molecule Interactions. Antimicrobial agents and chemotherapy, 2015, AAC-01711., **@2015**

689. Hua, Fei, et al. Pseudosolubilized n-alkanes analysis and optimization of biosurfactants production by Pseudomonas sp. DG17. Environmental Science and Pollution Research, 2015, 22.9, 6660-6669., **@2015**

690. Biniarz, P., Baranowska, G., Feder-Kubis, J., Krasowska, A., The lipopeptides pseudofactin II and surfactin effectively decrease Candida albicans adhesion and hydrophobicity. Antonie van Leeuwenhoek, 2015, 108, 343-353., **@2015**

691. Hua, F., Wang, H.Q., Zhao, Y.C., Yang, Y., Pseudosolubilized n-alkanes analysis and optimization of biosurfactants production by Pseudomonas sp. DG17. Environmental Science and Pollution Research, 2015, 22, 6660-6669., **@2015**

692. Solaiman, D.K.Y., Ashby, R.D., Gunther, N.W., IV, Zerkowski, J.A., Dirhamnose-lipid production by recombinant nonpathogenic bacterium Pseudomonas chlororaphis. Applied Microbiology and Biotechnology, 2015, 99, 4333-4342., **@2015**

2009

---

248. Simeonov I., Lubenova V., Queinnec I.. Parameter and State Estimation of an Anaerobic Digestion of Organic Wastes Model with Addition of Stimulating Substances. INT. J. BIOAUTOMATION, 12, Institute of Biophysics and Biomedical Engineering Bulgarian Academy of Sciences, 2009, ISSN:ISSN: 1314-2321 (on-line) 1314-1902 (print), 88 - 105. SJR:0.228

Цитира се в:

693. Draa, K. C., Voos, H., Darouach, M., & Alma, M. A Formal Modeling Framework for Anaerobic Digestion Systems., **@2015**

249. **Sotirova A.**, Spasova D., **Vasileva-Tonkova E.**, Galabova D.. Effects of rhamnolipid-biosurfactant on cell surface of Pseudomonas aeruginosa.. Microbiol. Res., 164, 2009, ISSN:0944-5013, 297 - 303. ISI IF:1.771

Цитира се в:

694. Kavitha S., Saranya T., Kaliappan S., Adish Kumar S., Yeom I.T., Rajesh Banu J. (2015) Accelerating the sludge disintegration potential of a novel bacterial strain Planococcus jake 01 by CaCl2 induced deflocculation. Bioresource Technology, 175, 396-405., **@2015**

695. Antoniou E., Fodelianakis S., Korkakaki E., Kalogerakis N. (2015) Biosurfactant production from marine hydrocarbon-degrading consortia and pure bacterial strains using crude oil as carbon source. Frontiers in Microbiology, 6, http://dx.doi.org/10.3389/fmicb.2015.00274, **@2015**

696. Pirog T.P., Konon A.D., Savenko I.V. (2015). Microbial surfactants in environmental technologies. Biotechnologia Acta, 8(4), 21-39., **@2015**

697. Zhao J., Yang Q., Li X., Wang D., An H., Xie T., Xu Q., Deng Y., Zeng G. (2015) Effect of initial pH on short chain fatty acid production during the anaerobic fermentation of membrane bioreactor sludge enhanced by alkyl polyglcoside. International Biodeterioration & Biodegradation, 104, 283-289., **@2015**

698. Fracchia L., Banat J.J., Cavallo M., Ceresa C., Banat I.M. (2015) Potential therapeutic applications of microbial surface-active compounds. AIMS Bioengineering, 2, 144-162., **@2015**

699. Bhardwaj G., Cameotra S.S., Chopra H.K. (2015). Utilization of oil industry residues for the production of rhamnolipids by Pseudomonas indica. Journal of Surfactants and Detergents, 18, 887-893., **@2015**

700. Singh N., Verma S.M., Singh S.K., Verma P.R.P. (2015) Evidence for bactericidal activities of lipidic nanoemulsions against Pseudomonas aeruginosa. Antonie van Leeuwenhoek, 107, 1555-1568., **@2015**

701. Thies S. (2015) Heterologe Produktion von aminosäurebasierten bakteriellen Tensiden. PhD Thesis, Die Heinrich-Heine-Universität Düsseldorf., **@2015**

250. Berkov, S., **Pavlov, A.**, **Georgiev, V.**, Bastida, J., Burrus, M., Ilieva, M., Codina, C.. Alkaloid synthesis and accumulation in Leucojum aestivum in vitro cultures. Natural Product Communications, 4, 2009, ISSN:1934-578X, 359 - 364. ISI IF:0.906

Цитира се в:

702. Szopa, A., Kokotkiewicz, A., Marzec-Wróblewska, U., Bucinski, A., Luczkiewicz, M., Ekiert, H. (2015). Accumulation of dibenzocyclooctadiene lignans in agar cultures and in stationary and agitated liquid cultures of Schisandra chinensis (Turcz.) Baill. Applied Microbiology and Biotechnology, 1-13. DOI: 10.1007/s00253-015-7230-9. ISSN: 0175-7598, **@2015**

251. **Vasileva-Tonkova E.**, **Gousterova A.**, Nedkov P.. Ecologically safe method for improved feather wastes biodegradation.. Int. Biodeterior. Biodegrad., 63, 2009, ISSN:0964-8305, 1008 - 1012. ISI IF:2.252

Цитира се в:

703. Sosnowska M., Dudyński M., Kardas D., Klein M., Kwiatkowski K. (2015) Formation of fireside deposits in feather gasification and heat recovery systems - An industrial case study. Fuel Processing Technology, 139, 8-14., **@2015**

704. Demir T., Hameş E.E., Öncel S.S., Vardar-Sukan F. (2015) An optimization approach to scale up keratinase production by Streptomyces sp. 2M21 by utilizing chicken feather. International Biodeterioration and Biodegradation, 103, 134-140., **@2015**

705. Brandelli A., Sala L., Kalil S.J. (2015) Microbial enzymes for bioconversion of poultry waste into added-value products. Food Research International, 73, 3-12., **@2015**

706. Bezza F.A., Nkhalambayausi-Chirwa E.M. (2015) Desorption kinetics of polycyclic aromatic hydrocarbons (Pahs) from contaminated soil and the effect of biosurfactant supplementation on the rapidly desorbing fractions. Biotechnology and Biotechnological Equipment, 29, 680-688., **@2015**

707. Rai S.K., Mukherjee A.K. (2015) Optimization for production of liquid nitrogen fertilizer from the degradation of chicken feather by iron-oxide (Fe3O4) magnetic nanoparticles coupled β-keratinase. Biocatalysis and Agricultural Biotechnology, DOI:10.1016/j.bcab.2015.07.002, **@2015**

708. Dumitru M.A., Jurcoane Ş. (2015) Leather hydrolysate evaluated as organic nitrogen soil input. Scientific Bulletin. Series F. Biotechnologies, 19, 43-47., **@2015**

709. Wang K., Li R., Ma J.H., Jian Y.K., Che J.N. (2015) Extracting keratin from wool by using l-cysteine. Green Chemistry, DOI: 10.1039/C5GC01254F, **@2015**

710. Mini K.D., George S.M., Mathew J. (2015). Screening and Selection of Fungus for Keratinase Production by Solid State Fermentation and Optimization of Conditions of SSF and Formulation of Low Cost Medium for the Production of Keratinase by Aspergillus flavus S125. Int. J. Curr. Microbiol. App. Sci., 4, 535-548., **@2015**

711. Embaby A.M., Marey H.S., Hussein A. (2015). A Statistical-Mathematical Model to Optimize Chicken Feather Waste Bioconversion via Bacillus licheniformis SHG10: A Low Cost Effective and Ecologically Safe Approach. Journal of Bioprocessing & Biotechniques, 5:6, 1000231, **@2015**

252. Yoneva A., Georgieva K., Nikolov P.N., Mizinska Y., Georgiev B.B., **Stoitsova S.R.**. Ultrastructure of spermiogenesis and mature spermatozoon of Triaenorhina rectangula (Cestoda: Cyclophyllidea: Paruterinidae). Folia Parasitol (Praha), 56, 2009, 275 - 283. ISI IF:1.266

Цитира се в:

712. J Miquel, J Torres, C Feliu, Ultrastructure of spermiogenesis and the spermatozoon in cyclophyllidean cestodes. In: Recent advances in Pharmaceutical Sciences V, D. Munoz-Torrero, MP Vinardell and J Palazon, eds., 2015, pp. 101-115., **@2015**

253. **Krumova E.**, Pashova S., Dolashka-Angelova P., **Stefanova T.**, **Angelova M.**. Biomarkers of oxidative stress in the fungal strain Humicola lutea under copper exposure. Process Biochemistry, 44, 3, 2009, 288 - 295. ISI IF:2.374

Цитира се в:

713. Civardi Ch., Schubert M., Fey A., Wick P., Francis W. M. R. Schwarze Micronized

Copper Wood Preservatives: Efficacy of Ion, Nano, and Bulk Copper against the Brown Rot Fungus Rhodonia placenta PLOS One 2015, **@2015**

714. Zhao M., Zhang C., Zeng G., Huang D., Xu, P., Cheng M. Growth, metabolism of Phanerochaete chrysosporium and route of lignin degradation in response to cadmium stress in solid-state fermentation, 2015, Chemosphere, 138, 560-567, **@2015**

715. Wan Jia, Zeng Guangming, Huang Danlian , Huang Chao , Lai Cui , Li Ningjie, hen Wei, Piao Xu, Xiaoxiao He and 2 more. The Oxidative Stress of Phanerochaete chrysosporium Against Lead Toxicity2015, Applied Biochemistry and Biotechnology, 175, Issue 4, pp 1981-1991, **@2015**

716. Zhao, Wenjing; Han, Jianrong; Long, DandanEffect of copper-induced oxidative stress on sclerotial differentiation, endogenous antioxidant contents, and antioxidative enzyme activities of Penicillium thomii PT95, 2015,65, 3, 1505-151, **@2015**

254. Sotirova A., Spasova D., Vasileva-Tonkova E., Galabova D., **Vasileva-Tonkova E**, **Galabova D.**. Effects of rhamnolipid- biosurfactant on cell surface of Pseudomonas aeruginosa.. Microbiological Research, 2009, ISI IF:2.054

Цитира се в:

717. Kavitha, S., Saranya, T., Kaliappan, S., Adish Kumar, S., Yeom, I.T., Rajesh Banu, J. Accelerating the sludge disintegration potential of a novel bacterial strain Planococcus jake 01 by CaCl2 induced deflocculation. Bioresource Technology, 2015, 175, 396-405., **@2015**

718. Antoniou E., Fodelianakis S., Korkakaki E., Kalogerakis N. Biosurfactant production from marine hydrocarbon-degrading consortia and pure bacterial strains using crude oil as carbon source. Front Microbiol., 2015; 6: 274. http://dx.doi.org/10.3389/fmicb.2015.00274, **@2015**

719. Zhao J., Yang Q., Li X., Wang D., An H., Xie T., Xu Q., Deng Y., Zeng G. Effect of initial pH on short chain fatty acid production during the anaerobic fermentation of membrane bioreactor sludge enhanced by alkyl polyglcoside. International Biodeterioration & Biodegradation, 2015, 104, 283-289., **@2015**

720. Fracchia L., Banat J.J., Cavallo M., Ceresa C., Banat I.M. Potential therapeutic applications of microbial surface-active compounds. AIMS Bioengineering, 2015, 2, 144-162., **@2015**

255. Marhova M., Kostadinova S., **Stoitsova S.**. Antimicrobial resistance profiles of urinary Escherichia coli isolates.. Biotechnol Biotechnol Equipment, 23SE, 2009, ISSN:1310-2818 (Print), 1314-3530 (Online), 616 - 620

Цитира се в:

721. C.J.Suarez Rojas, Analisis de perfiles plasmidicos de Escherichia coli y Klebsiella pneumoniae , productoral de β-lactamasas de espectro extendido aisladas en urocultivos en el Instituto Nacional de Salud del Niňo. Thesis para optar el Título Profesional de Licenciado en Tecnología Médica en el Área de Laboratorio Clínico y Anatomía Patológica, Universidad Nacional de San Marcos, Lima, Peru, 2015., **@2015**

722. I. Ali, Z. Rafaque, S.. Ahmed, S. Malik, J.I. Dasti. Prevailance of multi-drug resistans uropathogenic Escherichia coli in Potohar region of Pakistan. Asian Pacific Joutnal

of Tropical Biomedicine, 2015, http://dx.doi.org/j.apjtb.2015.0.022, **@2015**

256. Gocheva Y.G., Tosi S., **Krumova E.T.**, Slokoska L.S., **Miteva J.G.**, **Vassilev S.V.**, **Angelova, M.B.**. Temperature downshift induces antioxidant response in fungi isolated from Antarctica. Extremophiles, 13, 2, 2009, 273 - 281. ISI IF:2.317

Цитира се в:

723. Garza-López P.M., Suárez-Vergel G., Hamdan-Partida A., Loera O. Variations in oxygen concentration cause differential antioxidant response and expression of related genes in Beauveria bassiana, 2015, Fungal Biology, 119, 4, 257-263, **@2015**

724. Goto S., Kawamoto J., Sato S.B., Iki T., Watanabe I., Kudo K., Esaki N., Kurihara T. Alkyl hydroperoxide reductase enhances the growth of Leuconostoc mesenteroides lactic acid bacteria at low temperatures, AMB Express, 2015, 5, 1, 6, **@2015**

257. **Tsvetanova Z.G.**, Hoekstra E.J.. A study on assessment of biomass production potential of pipe materials in contact with drinking water. Water Science & Technology: Water Supply, 9, 4, IWA Publishing, 2009, ISSN:ISSN Print: 0273-1223 | ISSN Online: 1607-0798, DOI:DOI: 10.2166/ws.2009.513, 423 - 429. ISI IF:0.394

Цитира се в:

725. Ryssel, S. T., Arvin, E., Lützhøft, H. C. H., Olsson, M. E., Procházková, Z., & Albrechtsen, H. J. (2015). Degradation of specific aromatic compounds migrating from PEX pipes into drinking water. Water Research, 81:269-78. doi:10.1016/j.watres.2015.05.054., **@2015**

726. Maslak, V., Nasonkina, N., Sakhnovskaya, V., Gutarova, M., Antonenko, S., & Nemova, D. (2015). Evaluation of Technical Condition of Water Supply Networks on Undermined Territories. Procedia Engineering, 117, 985-994, doi:10.1016/j.proeng.2015.08.206, **@2015**

258. Batovska, D. I., Todorova, I. T., **Tsvetkova, I.V.**, **Najdenski, H.M.**. Antibacterial Study of the Medium Chain Fatty Acids and Their 1-Monoglycerides: Individual Effects and Synergistic Relationships. Polish Journal of Microbiology, 58, 1, Polish Society of Microbiologists, 2009, ISSN:1733-1331, 43 - 47. SJR:0.206, ISI IF:0.674

Цитира се в:

727. Dayrit, F. M. (2015). The properties of Lauric acid and their significance in coconut oil. Journal of the American Oil Chemists' Society, 92(1), 1-15., **@2015**

728. Khosravinia, H. (2015). Effect of dietary supplementation of medium-chain fatty acids on growth performance and prevalence of carcass defects in broiler chickens raised in different stocking densities. The Journal of Applied Poultry Research, pfu001., **@2015**

729. Mazzone, G., Malaj, N., Galano, A., Russo, N., & Toscano, M. (2015). Antioxidant properties of several coumarin–chalcone hybrids from theoretical insights. RSC Advances, 5(1), 565-575., **@2015**

730. Rengachari, S., Aschauer, P., Sturm, C., & Oberer, M. (2015). Purification, crystallization and preliminary X-ray diffraction analysis of a soluble variant of the monoglyceride lipase Yju3p from the yeast Saccharomyces cerevisiae. Acta Crystallographica Section F: Structural Biology Communications, 71(2), 242-245., **@2015**

731. IQBAL, M., Shah, M. D., Gnanaraj, C., & Khan, M. S. (2015). Dillenia Suffruticosa L., Impedes Carbon Tetrachloride-Induced Hepatic Damage by Modulating Oxidative Stress and Inflammatory Markers In Rats. Journal of Environmental Pathology, Toxicology and Oncology, 24, 133-152., **@2015**

732. Sinanoglou, V. J., Koutsouli, P., Fotakis, C., Sotiropoulou, G., Cavouras, D., & Bizelis, I. (2015). Assessment of lactation stage and breed effect on sheep milk fatty acid profile and lipid quality indices. Dairy Science & Technology, 1-23., **@2015**

259. Batovska, D., Parushev, S., Stamboliyska, B., **Tsvetkova, I.**, Ninova, M., **NAJDENSKI, H.**. Examination of growth inhibitory properties of synthetic chalcones for which antibacterial activity was predicted. European Journal of Medicinal Chemistry, 44, 5, Elsevier Masson SAS, 2009, ISSN:0223-5234, 2211 - 2218. SJR:1.004, ISI IF:3.269

Цитира се в:

733. Vazquez-Rodriguez, S., López, R. L., Matos, M. J., Armesto-Quintas, G., Serra, S., Uriarte, E., ... & Santos, Y. (2015). Design, synthesis and antibacterial study of new potent and selective coumarin–chalcone derivatives for the treatment of tenacibaculosis. Bioorganic & medicinal chemistry, 23(21), 7045-7052., **@2015**

734. Kumar, B., Kumari, B., Singh, N., Ram, B., & Balram, B. Synthesis, characterization and antibacterial activity of some new chalcone derivatives., **@2015**

735. Liu, L., Feng, S., & Li, C. (2015). A green synthesis of highly substituted 1, 5-diketones. RSC Advances, 5(70), 56949-56953., **@2015**

736. Mazzone, G., Malaj, N., Galano, A., Russo, N., & Toscano, M. (2015). Antioxidant properties of several coumarin–chalcone hybrids from theoretical insights. RSC Advances, 5(1), 565-575., **@2015**

737. Niu, C., Li, G., Tuerxuntayi, A., & Aisa, H. A. (2015). Synthesis and Bioactivity of New Chalcone Derivatives as Potential Tyrosinase Activator Based on the Click Chemistry. Chinese Journal of Chemistry, 33(4), 486-494., **@2015**

260. Alexandrov M, Peshev R, Lasarova S, **Doumanova L**, **Tchorbanov A**, Bostandjieva R. Heterophil emperipolesis in rabbit haemorrhagic disease. Bulgarian J Vet Med, 129, 2009, 43 - 53. SJR:0.151

Цитира се в:

738. Retrovirus Pseudomembranous Atrophic Enteritis caused by Suicidal Emperipolesis; A Light and Ultrastructural Study Richard E Slavin1*, John Swedo BS2 and Julie Wen MS2Journal of Clinical & Experimental Pathology Slavin et al., J Clin Exp Pathol 2015, 5:6, **@2015**

261. Toncheva, A, Remichkova, M, Ikonomova, K, **Dimitrova, P**, **Ivanovska, N**. Inflammatory response in patients with active and inactive osteoarthritis. Rheumatol. Internat., 29, 10, Springer, 2009, 1197 - 1203. ISI IF:1.5

Цитира се в:

739. Xingzhong Jin, Julieta Ruiz Beguerie, Weiya Zhang, Leigh Blizzard, Petr Otahal, Graeme Jones, Changhai Ding. Circulating C reactive protein in osteoarthritis: a systematic review and meta-analysis. Ann Rheum Dis 2015;74:703-710., **@2015**

740. Thomas Gregory W, Leonard T. Rael, Charles W. Mains, Matthew M. Carrickc, Raphael Bar-Or, David Bar-Or. Anti-Inflammatory Activity in the Low Molecular

Weight Fraction of Commercial Human Serum Albumin (LMWF5A). Journal of Immunoassay and Immunochemistry, May 2015, **@2015**

262. Espinoza-Quinones, F.R., Fornari, M.M.T., Modenes, A.N., Palacio, S.M., da Silva, Jr. F.G., Szymanski, N.,, **Kroumov, A.D.**, Trigueros, D.E.G.. Pollutant removal from tannery effluent by electrocoagulation. Chem. Engineer. J., 151, 1-3, ELSEVIER, 2009, ISSN:1385-8947, DOI:10.1016/j.cej.2009.01.043, 59 - 65. ISI IF:2.816

Цитира се в:

741. de Carvalho, H.P., J. Huang, M. Zhao, G. Liu, L. Dong and X. Liu (2015): Improvement of Methylene Blue removal by electrocoagulation/banana peel adsorption coupling in a batch system. Alexandria Engineering Journal. ISSN:1110-0168, **@2015**

742. Jagati, V.S., V.C. Srivastava and B. Prasad (2015): Multi-Response Optimization of Parameters for the Electrocoagulation Treatment of Electroplating Wash-Water using Aluminum Electrodes. Separation Science and Technology. 50(2), 181-190. ISSN:0149-6395, **@2015**

743. Amani, T., K. Veysi, W. Dastyar and S. Elyasi (2015): Studying interactive effects of operational parameters on continuous bipolar electrocoagulation-flotation process for treatment of high-load compost leachate. International Journal of Environmental Science and Technology. 12(8), 2467-2474. ISSN:1735-1472, **@2015**

744. Mella, B., A.C. Glanert and M. Gutterres (2015): Removal of chromium from tanning wastewater and its reuse. Process Safety and Environmental Protection. 95, 195-201. ISSN:0957-5820, **@2015**

745. Xie, W., H. Zheng, J. Liang, X. Tang, W.E.I. Chen, Y.I. Liao and C. Zhao (2015): Preparation of Some Inorganic Coagulants in Green, Hybrid and Novel Route. Asian Journal of Chemistry. 27(5). ISSN:0970-7077, **@2015**

746. Nikolić-Bujanović, L.N., M. Čekerevac, M.M. Tomić and M.Z. Zdravković (2015): Possible applications of ferrate (VI) in the treatment of industrial wastewater effluent in the laboratory. Hemijska industrija. 69(1), 43-50, **@2015**

747. Nikolić-Bujanović, L.N., M.I. Čekerevac, M.M. Tomić and M.Z. Zdravković (2015): Mogućnost primene ferata (VI) u tretmanu efluenta industrijske otpadne vode u laboratorijskim uslovima. Èasopis Saveza hemijskih inženjera. 69, 43, **@2015**

748. Arias Cepeda, W.G. (2015): Remoción de Cromo (III) y DQO a través de electrocoagulación en aguas residuales de la industria curtiembre haciendo uso racional de la energía. Universidad Libre-Bogota, p. 100, **@2015**

749. Abdalhadi Deghles, Ugur Kurt, (2015). Treatment of raw tannery wastewater by electrocoagulation technique: optimization of effective parameters using Taguchi method, Desalination and Water Treatment, DOI:10.1080/19443994.2015.1074622, **@2015**

750. Jing Hu, Weijun Deng, Review, Application of Supercritical Carbon Dioxide for Leather Processing, Journal of Cleaner Production, doi:10.1016/j.jclepro.2015.10.104 (Available online 31 October 2015), **@2015**

751. Edris Bazrafshan, Leili Mohammadi, Alireza Ansari-Moghaddam and Amir Hossein Mahvi, Review Article-Heavy metals removal from aqueous environments by electrocoagulation process– a systematic review, Journal of Environmental Health Science & Engineering (2015) 13:74, DOI 10.1186/s40201-015-0233-8, **@2015**

263. **Pavlov A.,, .,**, Berkov S., Weber J., Bley Th.. Hyoscyamine biosynthesis in Datura stramonium hairy root in vitro systems with different ploidy levels.. Applied Biochemistry and Biotechnology, 157, 2009, 210 - 225. ISI IF:1.42

Цитира се в:

752. PETROVA M., ZAYOVA E., DINCHEVA I., BADJAKOV I., VLAHOVA M. Influence of carbon sources on growth and GC-MS based metabolite profiling of Arnica montana L. hairy roots. Turkish Journal of Biology. 39(3): 469 - 478, 2015., **@2015**

264. Espinoza-Quinones, F.R., Martin, N., Stutz, G., Tirao, G.,, Palacio, S.M., Rizzutto, M.A., Modenes, A.N., **Kroumov, A.D.**. Root uptake and reduction of hexavalent chromium by aquatic macrophytes as assessed by high-resolution X-ray emission. Water Research, 43, 17, ELSEVIER, 2009, ISSN:0043-1354, DOI:10.1016/j.watres.2009.06.041, 4159 - 4166. ISI IF:4.355

Цитира се в:

753. De Oliveira, L.M., J.T. Lessl, J. Gress, R. Tisarum, L.R.G. Guilherme and L.Q. Ma (2015): Chromate and phosphate inhibited each other's uptake and translocation in arsenic hyperaccumulator Pteris vittata L. Environmental Pollution. 197, 240-246. ISSN:0269-7491, **@2015**

754. Gonzalez, C.I., M.A. Maine, J. Cazenave, G.C. Sanchez and M.P. Benavides (2015): Physiological and biochemical responses of Eichhornia crassipes exposed to Cr (III). Environmental Science and Pollution Research. 22(5), 3739-3747. ISSN:0944-1344, **@2015**

755. Ponce, S.C., C. Prado, E. Pagano, F.E. Prado and M. Rosa (2015): Effect of solution pH on the dynamic of biosorption of Cr(VI) by living plants of Salvinia minima. Ecological Engineering. 74, 33-41. ISSN:0925-8574, **@2015**

756. Ton, S.S., M.W. Lee, Y.H. Yang, S.K. Hoi, W.C. Cheng, K.S. Wang, H.H. Chang and S.H. Chang (2015): Effects of Reductants on Phytoextraction of Chromium (VI) by Ipomoea aquatica. International Journal of Phytoremediation. 17(5), 429-436. ISSN:1522-6514, **@2015**

757. Yadav, A.K., B. Pathak and M.H. Fulekar (2015): Rhizofiltration of Heavy Metals (Cadmium, Lead and Zinc) From Fly Ash Leachates Using Water Hyacinth (Eichhornia Crassipes). International Journal of Environment. 4(1), 179-196. ISSN:2091-2854, **@2015**

758. Montoya-Palomino, W., E.J. Peña--Salamanca and G.A. Torres-Rodríguez (2015): Variaciones ultraestructurales inducidas por Cromo (VI) en hojas de jacinto acuГЎtico (Eichhornia crassipes). Limnetica. 34(1), 85-94. ISSN:0213-8409, **@2015**

759. Hayashi, H. (2015): Chemical State Analysis of Cr and Fe Compounds by a Laboratory-use High-Resolution X-Ray Spectrometer with Spherically-bent Crystal Analyzers. Adv X-ray Chem Anal, Japan. 46, 187-120, **@2015**

760. M. N. V. Passad, (2015). Chapter 7-Phytorenediation Crops and Biofuels, Sustainable Agriculture Reviews, v.17,. 159-261. DOI 10.1007/978-3-319-16742-8. ISBN : 9783319167411, **@2015**

761. Shan-Shin Ton, Ming-Wei Lee, Yin-Hsin Yang, Soi-Keong Hoi, Wen-Che Cheng, Kai-Sung Wang, Han-Hsin Chang & Shih-Hsien Chang, (2015), Effects of Reductants on Phytoextraction of Chromium (VI) by Ipomoea aquatica, International

Journal of Phytoremediation, v. 17, #5, p. 429-436, DOI:10.1080/15226514.2014.910173, **@2015**

762. M.A Maine, H.R. Hadad, G. Sánchez, S. Caffaratti & M.C. Pedro, (2015), Kinetics of Cr(III) and Cr(VI) removal from water by two floating macrophytes, DOI: 10.1080/15226514.2015.1085829, **@2015**

265. Remichkova, M., **Dimitrova, P**, Philipov, S, **Ivanovska N**. Toll-like receptor-mediated anti-inflammatory action of glaucine and oxoglaucine. Fitoterapia, 80, 7, 2009, 411 - 414. ISI IF:1.53

Цитира се в:

763. Lü S, Wang Q, Li G, Sun S, Guo Y, Kuang H. The treatment of rheumatoid arthritis using Chinese medicinal plants: From pharmacology to potential molecular mechanisms. J Ethnopharmacol 2015;176:177-206., **@2015**

764. Chunmei Zhang, Linghui Lin, Guirong Li, Jianan Ma, Xu Han, and Rui Fei. PGBL inhibits the RAW 264.7 cells to express inflammatory factor. Bio-Medical Materials and Engineering 26 (2015) S2069–S2075., **@2015**

266. **Georgiev M.**, **Abrashev R.**, **Krumova E.**, Demirevska K., Ilieva M., **Angelova M.**. Rosmarinic acid and antioxidant enzyme activities in Lavandula vera MM cell suspension cultures: a comparative study. Appl Biochem Biotechnol, 159, 2009, 415 - 425. ISI IF:1.42

Цитира се в:

765. Sahraroo Amir, Mohammad Mirjalili, Purificación Corchete, Mesbah Babalar. Establishment and characterization of a Satureja khuzistanica Jamzad (Lamiaceae) cell suspension culture: a new in vitro source of rosmarinic acid August 2015 • Cytotechnology, **@2015**

766. Wang Jing, Jie Qian, Lingyun Yao, Yanhua Lu, Enhanced production of flavonoids by methyl jasmonate elicitation in cell suspension culture of Hypericum perforatum December 2015,Bioresources and Bioprocessing DOI 10.1186/s40643-014-0033-5, **@2015**

267. Ivanova, A., Mikhova, B., **Najdenski, H.**, **Tsvetkova, I.**, Kostova, I.. Chemical composition and antimicrobial activity of wild garlic Allium ursinum of Bulgarian origin.. Natural Product Communications, 8, 4, 2009, ISSN:1555-9475, 1059 - 1062. ISI IF:0.745

Цитира се в:

767. Greplová, M., Polzerová, H., Ptáček, J., Domkářová, J. (2015). Preliminary experience with protoplast culture of Allium ursinum. Acta Horticulturae (Conference Paper), 1083, 461-467, **@2015**

268. Dolashka-Angelova, P., Lieb, B., Velkova, L., Heilen, N., Sandra, K., Nikolaeva-Glomb, L., Dolashki, A., **Galabov, A.S.**, Van Beeumen, J., Stevanovic, S., Voelter, W., Devreese, B.. Identification of glycosylated sites in Rapana hemocyanin by mass spectrometry and gene sequence, and their antiviral effect. Bioconjugate Chemistry, 20, 7, ACS Publications, 2009, DOI:doi: 10.1021/bc900034k., 1315 - 1322. ISI IF:4.35

Цитира се в:

768. Dang, V.T., Benkendorff, K., Green, T., Speck, P. Marine snails and slugs: A great place to look for antiviral drugs. 2015. Journal of Virology, 89 (16), pp. 8114-8118, **@2015**

269. **Pashov, A.**, Monzavi-Karbassi, B., Kieber-Emmons, T.. Immune surveillance and immunotherapy: Lessons from carbohydrate mimotopes. Vaccine, 27, 2009, 25 - 26. ISI IF:3.62

Цитира се в:

769. Díaz-Zaragoza, M., et al. (2015). "Comparison patterns of 4 T1 antigens recognized by humoral immune response mediated by IgG and IgM antibodies in female and male mice with breast cancer using 2D-immnunoblots." Immunobiology 220(9): 1050-1058., **@2015**

270. Stankova, I., Chuchkov, K., Shishkov, S., Kostova, K., **Mukova, L.**, **Galabov, A.S.**. Synthesis, antioxidative and antiviral activity of hydroxycinnamic acid amides of thiazole containing amino acid. Amino Acids, 37, 2, Springer, 2009, DOI:doi: 10.1007/s00726-008-0165-z., 383 - 388. ISI IF:3.877

Цитира се в:

770. Khatkar, A., Nanda, A., Kumar, P., Narasimhan, B. Synthesis and antimicrobial evaluation of ferulic acid derivatives. 2015 Research on Chemical Intermediates, 41 (1), pp. 299-309, **@2015**

771. Geun Young Sim, So-Mi Yang, Bong Gyu Kim, Joong-Hoon Ahn. Bacterial synthesis of N-hydroxycinnamoyl phenethylamines and tyramines. 2015. Microbial Cell Factories. pp 14-162, **@2015**

772. Sim GY, SM Yang, BG Kim, JH Ahn. Bacterial synthesis of N-hydroxycinnamoyl phenethylamines and tyramines. 2015. Microbial Cell Factories, pp 14:162, **@2015**

773. Kaushik P., Akhtar Shakil N., Kumara J.& Bhushan Singha B. Lipase-Catalyzed Solvent-Free Amidation of Phenolic Acids. 2015. Synthetic Communications: An International Journal for Rapid Communication of Synthetic Organic Chemistry. 45, 4, pp 569-577, **@2015**

271. Frengova, G., **Beshkova, D.**. Carotenoids from Rhodotorula and Phaffia – yeasts of biotechnological importance.. Journal of Industrial Microbiology and Biotechnology,, 36, 2, 2009, ISSN:1367-5435, DOI:10.1007/s10295.0008.0492-9, 163 - 180. SJR:0.86

Цитира се в:

774. Coelho, M.A., Almeida, J.M., Hittinger, C.T., Gonçalves, P. Draft Genome Sequence of Sporidiobolus salmonicolor CBS 6832, a Red-Pigmented Basidiomycetous Yeast. Genome ASM, 2015, 3, 3, **@2015**

775. Vaněk, M. Využití vybraných fluorescenčních technik k charakterizaci mikrobiálních buněk. 2015, 1-58. Vysoké ucení technické v Brne, Fakulta chemická, Purkynova 464/118, 61200 Brno 12, **@2015**

776. Dias, C., Sousa, S., Caldeira, J., Reis, A., da Silva, T.L. New dual-stage pH control fed-batch cultivation strategy for the improvement of lipids and carotenoids production by the red yeast Rhodosporidium toruloides NCYC 921. Bioresource Technology, 2015, 189, 309–318, **@2015**

777. Arimboor R., Natarajan R.B., Menon K.R., Chandrasekhar L.P., Moorkoth V. Red pepper (Capsicum annuum) carotenoids as a source of natural food colors: analysis and stability – a review. Journal of Food Science and Technology 2015, 52, 3, 1258-1271., **@2015**

778. Manowattana A., Techapun C., Seesuriyachan P., Haumoungjoi P., Chaiyaso T. β-Carotene production by Sporobolomyces pararoseus TISTR5213 using crude glycerol as the carbon source. Chiang Mai Journal Science, 2015, 42, 1, 17-33., **@2015**

779. Ungureanu, C., Dumitriu, C., Popescu, S., Enculescu, M.b, Tofan, V., Popescu, M., Pirvu, C. Enhancing antimicrobial activity of TiO2/Ti by torularhodin bioinspired surface modification. Bioelectrochemistry, 2016, 107, 14-24, **@2015**

780. Kurtzman, C.P., Mateo, R.Q., Kolecka, A., Theelen, B., Robert, V., Boekhout, T. Advances in yeast systematics and phylogeny and their use as predictors of biotechnologically important metabolic pathways. FEMS Yeast Research, 2015, 15, 6, 1-17, **@2015**

781. Le Vu, K-T., Vo Thi, H-T.,Ngo, D-N. Investigation of Astaxanthin Production from Yeast Rhodosporidium sp. British Microbiology Research Journal, 2015, 9, 5, 1-7, **@2015**

782. Avalos, J., Limon, M.C. Biological roles of fungal carotenoids. Current Genetics, 2015, 61, 3, 309-324, **@2015**

783. Khanh-Trang Le Vu, Hong-Trieu Vo Thi, Dai-Nghiep Ngo. Investigation of Astaxanthin Production from Yeast Rhodosporidium sp. British Microbiology Research Journal 9(5): 1-7, 2015, Article no.BMRJ.19368, **@2015**

272. **Angelova, A.L.**, Aprahamian, M., Balboni, G., Delecluse, H..J., Feederle, R., Kiprianova, I., Grekova, S.P., **Galabov, A.S.**, Rommelaere, J., **Raykov, Z.**. Oncolytic rat parvovirus H-1PV, a candidate for the treatment of human lymphoma: In vitro and in vivo studies. Molecular Therapy, 17, 7, Nature, 2009, DOI:doi: 10.1038/mt.2009.78., 1164 - 1172. ISI IF:6.239

Цитира се в:

784. Geletneky, K., Leoni, A.L. Pohlmeyer-Esch, G., (...), Krebs, O., Hajda, J. Pathology, organ distribution, and immune response after single and repeated intravenous injection of rats with clinical-grade parvovirus H1. 2015 Comparative Medicine 65 (1), pp. 36-45, **@2015**

273. **Nikolova, K**, **Tchorbanov A**, **Djoumerska I**, Nikolova M, **Vassilev T**. Intravenous immunoglobulin up-regulates the expression of the inhibitory FcγIIB receptor on B cells. Immunology and Cell Biology, 87, 2009, 529 - 533. ISI IF:4.14

Цитира се в:

785. Mitrevski M, Marrapodi R, Camponeschi A, Cavaliere FM, Lazzeri C, Todi L, Visentini M. Intravenous Immunoglobulin and Immunomodulation of B-Cell – in vitro and in vivo Effects. Front Immunol. 2015 Jan 22;6:4., **@2015**

786. Aggeliki D Sali, Ioannis Karakasiliotis, Maria Evangelidou, Stratis Avrameas and Peggy Lymberi. Immunological evidence and regulatory potential for cell-penetrating antibodies in intravenous immunoglobulin. Clinical & Translational Immunology (2015) 4, e42, **@2015**

274. **Kostadinova, N.,**, **Krumova, E.,**, Tosi, S.,, Pashova, S.,, **Angelova, M.**. Isolation and identification of filamentous fungi from island Livingston, Antarctica.. Biotechnol & Biotechnol Eq, 23, 2009, ISSN:1310-2818, 267 - 270. ISI IF:0.622

Цитира се в:

787. Hammerschmidt Lena, Aly Amal H., Abdel-Aziz Mohammed, Müller Werner E.G., Lind Wenhan, Daletos Georgios, Proksch Peter. Cytotoxic acyl amides from the soil fungus Gymnascella dankaliensis. Bioorganic & Medicinal Chemistry. Volume 23, Issue 4, 15 February 2015, Pages 712–719, **@2015**

788. Abo-Elnasr A. A., Omkolthom H. Khatab, Muftah A. A. Nasib, Eglal A. Ghoneimy, Hamdy Abdel-Azeim Hassan, Mohamed Y. A. Hassan, Idress Hamad Attitalla (2015). Role of Microorganisms in our life's as ecofrindely and replacement for chemical methods. Int. J. of Pharm. Life Sci., 4221-29, **@2015**

789. Moncheva P., Chipeva V., Encheva-Malinova M., Kenarova A. (2015). Soil microbial life of Livingston Island, The Antarctic. In: Bulgarian Antarctic Research. A synthesis. Pimpirev Christo, Chipev Nencho (Eds.), 274-296, St. Kliment Ohridski University Press, Sofia, **@2015**

790. Hamid B. Cold-Active A-Amylase From Psychrophilic And Psychrotolerant Yeast, 2015, Journal of Global Biosciences 01/; 4(7):2670-2677., **@2015**

275. **Slavchev G**, **Markova N**. Virulence of uropathogenic Escherichia coli.. JOURNAL OF CULTURE COLLECTIONS, 6, National Bank for Industrial Microorganisms and Cell Cultures, 2009, ISSN:1310-8360, 3 - 9

Цитира се в:

791. Fattahi S at al. Relationship of biofilm formation and different virulence genes in uropathogenic Escherichia coli isolates from Northwest Iran. GMS Hygiene and Infection Control 2015; 10, ISSN 2196-5226, **@2015**

792. Derakhshandeh A at al. Virulence characteristics and antibiotic resistance patterns among different phylogenetic groups of uropathogenic Escherichia coli isolates. 2015; 68:428-431, **@2015**

276. Kostova I, **Stefanova T**. Synthesis, characterization and cytotoxic/cytostatic activity of Sm(III) and Gd(III) complexes.. J. Coord. Chem., 62, 19, 2009, ISSN:0946672X, 3187 - 3197. ISI IF:1.433

Цитира се в:

793. Chi L-F, Shi Y, Xu D-F, Yu H, Lin J-R, He Q-Z. Synthesis and biological studies of some lanthanide complexes of Schiff base. Synthesis and Reactivity in Inorganic, Metal-Organic and Nano-Metal Chemistry, 2015, 45:1617-1626. ISSN 15533174, **@2015**

277. Petrov, K., **Petrova, P.**. High production of 2,3-butanediol from glycerol by Klebsiella pneumoniae G31. Applied Microbiology and Biotechnology, 84, 4, Springer Verlag, 2009, ISSN:0175-7598, DOI:10.1007-s00253-009-2004-x, 659 - 665. SJR:1.178, ISI IF:2.896

Цитира се в:

794. Kurosawa K., Radek A., Plassmeier J. K., Sinskey A. J. Improved glycerol utilization by a triacylglycerol-producing Rhodococcus opacus strain for renewable fuels, Biotechnology for Biofuels, 2015, vol. 8:31 (doi:10.1186/s13068-015-0209-z), **@2015**

795. Kim J.-W., Seo S.-O., Zhang G.-Ch., Jin Y.-S., Seo J.H. Expression of Lactococcus lactis NADH oxidase increases 2,3-butanediol production in Pdc-deficient Saccharomyces cerevisiae, Bioresource Technology, 2015, vol. 191, 512–519., **@2015**

796. Hong E., Kim D., Kim J., Kim J., Yoon S., Rhie S., Ha S., Ryu Y. Optimization of alkaline pretreatment on corn stover for enhanced production of 1.3-propanediol and 2,3-butanediol by Klebsiella pneumoniae AJ4, Biomass and Bioenergy, 2015, vol. 77, 177-185., **@2015**

797. Xin F., Basu A., Weng M. C., Yang K.-L., He J. Production of 2,3-Butanediol from Sucrose by a Klebsiella Species, BioEnergy Research , 2015 DOI 10.1007/s12155-015-9653-7, **@2015**

798. Martinez A. M. R. Method for producing 2,3-butanediol using improved strains of Raoultella planticola, US Patent, 2015, Pub. N.: US 2015/0191752 A1., **@2015**

799. Guangbin Y., Gang S., Hongzhi L., Jingping G., Wenxiang P. Sequence Analysis and Clone of the Partial Acetate Kinase Gene (ack) from Klebisella oxytoca HD79, Chinese Agricultural Science Bulletin, 2015, vol. 31(14), 83-88., **@2015**

800. Tong Y.-J., Ji X.-J., Liu L.-G., Shen M.-Q., Huang H. Genome Sequence of Klebsiella pneumoniae CICC10011, a Promising Strain for High 2,3-Butanediol Production, Genome Announcements, 2015, vol. 3 (4), e00802-15., **@2015**

801. Pirog T.P., Grytsenko N. A., Sofilkanych A. P., Savenko I. V. Technologies of syntesis of organic substances by microorganisms using waste biodiesel production, Biotechnologia Acta, 2015, vol. 8 (3), 9-27., **@2015**

802. Leja K., Samul D., Kubiak P., Drozdzynska A., Kósmider A., Juzwa W., Lesiecki M., and Czaczyk K. Metabolic Engineering for the Production of Diols, In: Synthetic Biology, Ed. R. A. Meyers, Wiley-Blackwell, 2015, pp. 619-664. ISBN: 978-3-527-33482-7, **@2015**

803. Yang T., Rao Z., Zhang X., Xu M., Xu Z., and Yang S.-T. Enhanced 2,3-butanediol production from biodiesel-derived glycerol by engineering of cofactor regeneration and manipulating carbon flux in Bacillus amyloliquefaciens, Microbial Cell Factories, 2015, vol. 14:122. DOI 10.1186/s12934-015-0317-2, **@2015**

804. Cho S., Kim T., Woo H.-M., Kim Y., Lee J., and Um Y. High production of 2,3-butanediol from biodiesel-derived crude glycerol by metabolically engineered Klebsiella oxytoca M1, Biotechnology for Biofuels, 2015, vol. 8:146, DOI 10.1186/s13068-015-0336-6, **@2015**

805. Cho S., Kim T., Woo H. M., Lee J., Kim Y., Um Y. Enhanced 2,3-Butanediol Production by Optimizing Fermentation Conditions and Engineering Klebsiella oxytoca M1 through Overexpression of Acetoin Reductase, PLoS ONE, 2015, 10(9): e0138109. doi:10.1371/journal.pone.0138109, **@2015**

806. Sabra W., Groeger C., Zeng A.-P. Microbial Cell Factories for Diol Production. In: Advances in Biochemistry and Engineering Biotechnology, 2015 pp. 1-33. ISSN 0724-6145., **@2015**

807. Sikora B., Kubik C., Kalinowska H., Gromek E., Białkowska A., Jędrzejczak-Krzepkowska J., Schüett F., Turkiewicz M. Application of byproducts from food processing for production of 2,3-butanediol using Bacillus amyloliquefaciens TUL 308, Preparative Biochemistry and Biotechnology, 2015, DOI: 10.1080/10826068.2015.1085401, **@2015**

808. Kang I. Y., Park J.M., Hong W.-K., Kim Y.S., Jung Y.R., Kim S.-B., Heo S.-Y., Lee S.-M., Kang J.Y., Oh B.-R., Kim D.-H., Seo J. W., Kim Ch. H. Enhanced production of 2,3-butanediol by a genetically engineered Bacillus sp. BRC1 using a hydrolysate of empty palm fruit bunches, Bioprocess and Biosystems Engineering, 2015, vol. 38(2), 299-305., **@2015**

809. Jantama K., Polyiam P., Khunonkawo P., Chan S., Sangproo M., Khor K., Jantama S. S., Kanchanatawee S. Efficient Reduction of the Formation of Byproducts and Improvement of Production Yield of 2,3-butanediol by a Combined Deletion of Alcohol Dehydrogenase, Acetate Kinase- Phosphotransacetylase, and Lactate Dehydrogenase Genes in Metabolically Engineered Klebsiella oxytoca in Mineral Salts Medium, Metabolic Engineering, 2015, vol 30, (6), 16–26., **@2015**

810. Jiang L., Fang Z., Zhao Z., He F., Li H.-B. 2,3-Butanediol and Acetoin Production from Enzymatic Hydrolysate of Ionic Liquid-pretreated Cellulose by Peanibacillus polymyxa, BioResources, 2015, vol. 10 (1), 1318-1329., **@2015**

811. Guo X., Wang Y., Guan X., Chen Y., Zhang C., Xiao D. Improved Lactose Utilization by Overexpression β-Galactosidase and Lactose Permease in Klebsiella pneumoniae, Advances in Applied Biotechnology, Springer, 2015, vol. 332, pp. 121-131. ISBN 978-3-662-45656-9, **@2015**

278. Kambourova, M., Mandeva, R., Dimova, D., Poli, A., Nicolaus, B., Tommonaro,. Production and characterization of a microbial glucan, synthesized by Geobacillus tepidamans V264 isolated from Bulgarian hot spring. Carbohydrate Polymers, 2009, ISI IF:3.167

Цитира се в:

812. Kagimura, F.Y., Da Cunha, M.A.A.,Theis, T.V., (...), Teixeira, S.D.,Salomé, K. 2015. Carboxymethylation of (1 → 6)-β-glucan (lasiodiplodan): Preparation, characterization and antioxidant evaluation. Carbohydrate Polymers, 127, pp. 390-399, **@2015**

813. Liu, Y., Gu, Q., Ofosu, F.K., Yu, X. (2015). Isolation and characterization of curdlan produced by Agrobacterium HX1126 using α-lactose as substrate. International Journal of Biological Macromolecules, 81, pp. 498-503, **@2015**

814. Babu, P., Chandel, A. K., Singh, O. V. 2015. Extremophiles and Their Applications in Medical Processes. Springer: Briefs in Microbiology. ISBN 978-3-319-12807-8, **@2015**

815. Delabarre-Ladrat, C., Boursicot, V., & Colliec-Jouault, S. (2015). Marine-Derived Exopolysaccharides. In Hb25_Springer Handbook of Marine Biotechnology (pp. 919-939). Springer Berlin Heidelberg., **@2015**

279. Stoimenova E., **Vasileva-Tonkova E.**, **Sotirova A.**, Galabova D., Lalchev Z.. Evaluation of different carbon sources for growth and biosurfactant production by Pseudomonas fluorescens isolated from wastewaters.. , 64c, Z. Naturforsch., 2009, ISSN:0939-5075, 96 - 102. ISI IF:0.8

Цитира се в:

816. Mnif I., Ghribi D. (2015) Microbial derived surface active compounds: properties and screening concept. World Journal of Microbiology and Biotechnology, 31, DOI:10.1007/s11274-015-1866-6, **@2015**

817. Mnif I., Ghribi D. (2015) High molecular weight bioemulsifiers, main properties and potential environmental and biomedical applications. World Journal of Microbiology and Biotechnology, 31, DOI:10.1007/s11274-015-1830-5, **@2015**

818. Uzoigwe C., Ennis C.J., Rahman P.K.S.M. (2015) Production of Biosurfactants Using Eco-friendly Microorganisms. In Environmental Sustainability: Role of Green Technologiies (edited by P. Thangavel, G. Sridevi), Springer India, pp. 185-204., **@2015**

280. **Georgiev, V.**, Weber, J., Bley, Th., **Pavlov, A.**. Improved procedure for nucleus extraction for DNA measurements by flow cytometry of red beet (Beta vulgaris L.) hairy roots. Journal of Bioscience and Bioengineering, 107, 2009, ISSN:1389-1723, DOI:10.1016/j.jbiosc.2008.12.023, 439 - 441. SJR:0.659, ISI IF:1.884

Цитира се в:

819. Wang, Y., Xiao, Y., Liu, W., Li, T.T., Hu, R., Qiao, Z.X. (2015). Operation Skills of Flow Cytometry for Detecting Nuclear DNA Contents in Higher Plant Cells. Plant Science Journal, 33 (1), 126-131. DOI: 10.11913/PSJ.2095-0837.2015.10126, **@2015**

281. **Dimitrova, P**, **Gyurkovska, V**, Shalova, I, Saso, L, **Ivanovska, N**. Inhibition of zymosan-induced kidney dysfunction by tyrphostin AG-490. J. Inflam., 6, 13, 2009, 1 - 14. ISI IF:2.2

Цитира се в:

820. Goc Z, Greń A, Kapusta E, Dziubek K, Szaroma W. Antioxidative effects of α-lipoic acid in the brain, liver and kidneys in selected mouse organs exposed to zymosan. Acta Biol Hung 2015;66(3):258-269., **@2015**

282. Tuleva, B.,, **Christova, N.,**, Cohen, R., Antonova, D., Todorov, T., Stoineva, I.. Isolation and characterization of trehalose tetraester biosurfactants from a soil strain Micrococcus luteus BN56.. Process Biochemistry,, 44, 2, 2009, ISSN:1359-5113, 135 - 141. ISI IF:2.444

Цитира се в:

821. A. Ceugniez, D. Drider , F. Coucheney. Yeast diversity in a traditional French cheese “Tomme d'orchies” reveals infrequent and frequent species with associated benefits. Food Microbiology, 52, 177–184., **@2015**

822. J. H. Kügler, M. Le Roes-Hill, C. Syldatk, and R. Hausmann. Surfactants tailored by the class Actinobacteria. Frontiers in Microbiology, 6, 212, **@2015**

823. Q. Cai , B. Zhang , B. Chen , X. Song , Z. Zhu , T. Cao. Screening of biosurfactant-producing bacteria from offshore oil and gas platforms in North Atlantic Canada. Environmental Monitoring and Assessment, 187:284, **@2015**

824. Inès M. , Dhouha G. High molecular weight bioemulsifiers, main properties and potential environmental and biomedical applications. World Journal of Microbiology and Biotechnology, 31(5), 691-706., **@2015**

825. A. Varvaresou, K. Iakovou. Biosurfactants in cosmetics and biopharmaceuticals. Letters in Applied Microbiology, 61 (3), 214-223., **@2015**

826. M Inès, G. Dhouha. Glycolipid biosurfactants: Potential related biomedical and biotechnological applications. Carbohydrate Research, 416, 59-69., **@2015**

827. M. L. Y. LEÓN. Caracterización de una cepa de Pseudomonas Fluorescen promotora del crecimiento vegetal. TESIS DE DOCTORADO, 2015, Laboratorio de Ecología Microbiana. Departamento de Bioquímica y Genómica Microbianas, IIBCE, **@2015**

283. Smova, E., **Beshkova, D.**, Dimitrov, Zh.. Characterization and antimicrobial spectrum of bacteriocins produced by lactic acid bacteria isolated from traditional Bulgarian dairy products. Journal of Applied Microbiology, 106, 2, Wiley, 2009, ISSN:1365-2672, DOI:10.1111/j.1365-2672.2008.04052.x, 692 - 701. SJR:0.83

Цитира се в:

828. Stoyancheva, G., Chorukova, E. Lactobacillus gasseri G7-A bacteriocinogenic strain isolated from vaginal sample. Annuaire de l'Université de Sofia "St. Kliment Ohridski",Faculte de Biologie, 2015, 100, 4, 154-163., **@2015**

829. Abdelsamei , H.M., Ibrahim , E. M. A., Sohaimy, S.A.E., Saad, M.A.. Effect of storage on the activity of the bacteriocin extracted from Lactobacillus acidophilus. Benha Veterinary Medical Journal, 2015, 28, 1, 216-222, **@2015**

830. Saad, M.A., Abdelsamei, H.M., Ibrahim, E.M.A., Abdou, A.M., El Sohaimy, S. A. Effect of pH, heat treatments and proteinase K enzyme on the activity of Lactobacillus Acidophilus bacteriocin. Benha Veterinary Medical Journal, 2015, 28, 1, 210-215, **@2015**

831. Jurado-Gámez,H., Martínez-Benavides, J. Paz, C. Caracterización del proceso de fermentación y del efecto de inhibición de Lactobacillus lactis en Staphylococcus aureus y Staphylococcus epidermidis. Revista de Medicina Veterinaria, 2015, 30, 15-29., **@2015**

832. Lim, E.-S. Purification and characterization of two bacteriocins from Lactobacillus brevis BK11 and Enterococcus faecalis BK61 showing anti-Helicobacter pylori activity. Journal of the Korean Society for Applied Biological Chemistry, 2015, 58, 5, 703–714., **@2015**

833. Takeda, S., Takeshita, M., Matsusaki, T., Kikuchi, Y., Tsend-Ayush, C., Oyunsuren, T., Miyata, M., Maeda, K., Yasuda, S., Aiba, Y., Koga, Y., Igoshi, K. In vitro and in vivo anti-helicobacter pylori activity of probiotics isolated from mongolian dairy products. Food Science and Technology Research, 2015, 21, 3, 399–406, **@2015**

834. Heredia-Castro, P.Y., Mendez-Romero, J.I., Hermandez-Mendoza, A., Acedo-Felix, E., Gonzalez-Cordova, A.F., Vallejo-Cordoba, B. Antimicrobial activity and partial characterization of bacteriocin-like inhibitory substances produced by Lactobacillus spp. isolated from artisanal Mexican cheese. Journal of dairy science, 2015, 98, 12, 8285-8293., **@2015**

835. Rashti, Z., Koohsari, H. Antibacterial effects of supernatant of lactic acid bacteria isolated from different Dough's in Gorgan city in north of Iran. Integrative Food, Nutrition and Metabolism. 2015, 2, 3, 193-196., **@2015**

836. Ming, L., Zhang, Q., Yang, L., Huang, J.-A. Comparison of antibacterial effects between antimicrobial peptide and bacteriocins isolated from Lactobacillus plantarum on three common pathogenic bacteria. International Journal of Clinical and Experimental Medicine, 2015, 8, 4, 5806-5811., **@2015**

837. Garg, N. Alternative therapies beyond antibiotics: Helicobacter pylori eradication. Word Journal of Pharmacy and Pharmaceutical Sciences, 2015, 4, 09, 779-814., **@2015**

284. Kussovski V., Mantareva V., Angelov I., Orozova P., Wöhrle D., Schnurpfeil G., Borisova E., Avramov L.. Photodynamic inactivation of Aeromonas hydrophila by cationic phthalocyanines with different hydrophobicity. FEMS microbiology letters, 294, 2, Blackwell Publishing Ltd., 2009, DOI:DOI:10.1111/j.1574-6968.2009.01555.x, 133 - 140. ISI IF:2.121

Цитира се в:

838. Osifeko O. L., M. Durmus, T. Nyokong. Physicochemical and photodynamic antimicrobial chemotherapy studies of mono- and tetra-pyridyloxy substituted indium (III) phthalocyanines. J. Photoch. Photobio A: Chem. 301 (2015) 47–54, **@2015**

839. Yassunaka N.N., C.F. de Freitas, B.R. Rabello, P.R. Santos, W. Caetano, N. Hioka, T.U. Nakamura, B.A. de Abreu Filho, J.M.G. Mikcha. Photodynamic inactivation mediated by erythrosine and its derivatives on foodborne pathogens and spoilage bacteria. Curr Microbiol 2015, DOI 10.1007/s00284-015-0827-5, **@2015**

840. Yin R., M.R. Hamblin. Antimicrobial Photosensitizers: Drug Discovery Under the Spotlight. Current Medicinal Chemistry, 2015, 22, (18): 2159-2185., **@2015**

841. Mthethwa T. Nyokong T. Photoinactivation of Candida albicans and Escherichia coli using aluminium phthalocyanine on gold nanoparticles. Photochem. Photobiol. Sci., 2015,14, 1346-1356 DOI: 10.1039/C4PP00315B., **@2015**

285. **Markova N**. Electrospun Non-Woven Nanofibrous Hybrid Mats Based on Chitosan and PLA for Wound-Dressing Applications. Macromolecular Bioscience, 9, 1, WILEY-VCH Verlag GmbH & Co, 2009, ISSN:1616-5195, DOI:10.1002/mabi.200800189, 102 - 111. ISI IF:3.108

Цитира се в:

842. Zhao W, W Liu, J Li, X Lin Ying Wang Preparation of animal polysaccharides nanofibers by electrospinning and their potential biomedical applications. Journal of Biomedical Materials Research Part A 103: 807–818 (2015), **@2015**

843. Depan D, RDK Misra. Hybrid Nanoscale Architecture of Wound Dressing with Super Hydrophilic, Antimicrobial, and Ultralow Fouling Attributes. Journal of Biomedical Nanotechnology, 11: 306-318 (2015), **@2015**

844. Abdul Khalil H. P. S., Y. Davoudpour, A. H. Bhat, Enih Rosamah, Paridah Md. Tahir Electrospun Cellulose Composite Nanofibers. Handbook of Polymer Nanocomposites. Processing, Performance and Application pp 191-227 (2014), **@2015**

845. Doulabi AH, Mirzadeh H, Samadi N, Bagheri-Khoulenjani S, Atai M, Imani M.Potential Application of a Visible Light-Induced Photocured Hydrogel Film as a Wound Dressing Material. Journal of Polymers Vol. 2015 Article ID 867928, 10 pages (2015), **@2015**

846. Rui Zhao, Xiang Li, Bolun Sun, Yan Tong, Ziqiao Jiang Ce Wang. Nitrofurazone-loaded electrospun PLLA/sericin-based dual-layer fiber mats for wound dressing applications RSC Adv. 5, 16940-16949 (2015), **@2015**

847. Zhong W.Efficacy and toxicity of antibacterial agents used in wound dressings Cutaneous and Ocular Toxicology. Cutaneous and ocular toxicology,34: 61-67 (2015), **@2015**

848. Rottmar M, Richter M, Mäder X, Grieder K, Nuss K, Karol A, von Rechenberg B, Zimmermann E, Buser S, Dobmann A. In vitro investigations of a novel wound dressing concept based on biodegradable polyurethane.Science and Technology of Advanced Materials, Volume 16, Number 3 (2015), **@2015**

849. Amino Acids. 2015 Aug 29. [Epub ahead of print] Polyvinyl alcohol nanofiber formulation of the designer antimicrobial peptide APO sterilizes Acinetobacter baumannii-infected skin wounds in mice. Sebe I1, Ostorhazi E, Fekete A, Kovacs KN, Zelko R, Kovalszky I, Li W, Wade JD, Szabo D, Otvos L Jr., **@2015**

850. Journal of Nanomaterials Volume 2015 (2015), Article ID 213521, 14 pages http://dx.doi.org/10.1155/2015/213521 3D Nanoprinting Technologies for Tissue Engineering Applications Jin Woo Lee, **@2015**

851. Smart Electrospun Nanofibers for Controlled Drug Release: Recent Advances and

New Perspectives L Weng, J Xie - Current pharmaceutical design, 2015 - ingentaconnect.com. Current Pharmaceutical Design (Impact Factor: 3.45). 03/2015; 21(15). DOI: 10.2174/1381612821666150302151959, **@2015**

286. Pashov, A., Garimalla, S, Monzavi-Karbassi, B., Kieber-Emmons, T. Carbohydrate targets in HIV vaccine research: lessons from failures. Immunotherapy, 1, 5, 2009, 777 - 794

Цитира се в:

852. Zhang, H., et al. (2015). "Antibodies elicited by yeast glycoproteins recognize HIV-1 virions and potently neutralize virions with high mannose N-glycans." Vaccine 33(39): 5140-5147., **@2015**

287. Rusinova-Videva, S, Pavlova, K, Metcheva, R. Studies of Antarctic yeast isolates for exopolysaccharide synthesis. Biotechnology and Biotechnological Equipment, 23, 2009, 888 - 891. ISI IF:0.29

Цитира се в:

853. Exopolysaccharides from yeast: insight into optimal conditions for biosynthesis, chemical composition and functional properties-review, **@2015**

288. Simeonov I., Diop S.. On the Biomass Specific Growth Rates Estimation for Anaerobic Digestion using Differential Algebraic Techniques. INT. J. BIOAUTOMATION, 13, 3, Institute of Biophysics and Biomedical Engineering Bulgarian Academy of Sciences, 2009, ISSN:ISSN: 1314-2321 (on-line) 1314-1902 (print), 47 - 56. SJR:0.228

Цитира се в:

854. Baverel, M., & Normand-Cyrot, D. (2015). Bilan d'activités de la division Systèmes (Doctoral dissertation, CNRS)., **@2015**

2010

---

289. Petrova, P., Emanuilova, M., Petrov, K.. Amylolytic Lactobacillus Strains from Bulgarian Fermented Beverage Boza. Zeitschrift für Naturforschung C, 65C, 3/4, Verlag der Zeitschrift für Naturforschung, 2010, ISSN:0939-5075, DOI:10.1515/znc-2010-3-409, 218 - 224. SJR:0.341, ISI IF:0.718

Цитира се в:

855. Panda S.H., Ray R.C. Amylolytic Lactic Acid Bacteria: Microbiology and Technological Interventions in Food Fermentation. In: Fermented Foods, Part I: Biochemistry and Biotechnology, 2015, Eds.: D. Montet, R. C. Ray, pp. 148-165, CRC Press, ISBN 9781498740814., **@2015**

856. Благоева Г. Селекция и молекулярно характеризиране на амилолитични млечнокисели бактерии за приложение в ХВП" Дисертация за прписъждане на образователна и научна степен «Доктор», катедра «Биотехнология», 2015, УХТ, Пловдив, **@2015**

290. Espinoza-Quinones, F.R., Palacio, S.M., Modenes, A.N., Szymanski, N., Zacarkim, C.E., Zenatti, D.C., Fornari, M.M.T., Rizzutto, M.A., Tabacniks, M.H., Added N., **Kroumov, A.D.**. Water quality assessment of Toledo River and determination of metal concentrations by using SR-TXRF technique. Journal of Radioanalytical and Nuclear Chemistry, 283, 2, Springer

Netherlands, 2010, ISSN:1588-2780, DOI:10.1007/s10967-009-0438-3, 465 - 470. ISI IF:0.631

Цитира се в:

857. Pashkova, G.V. and A.G. Revenko (2015): A review of application of total reflection X-Ray fluorescence spectrometry to water analysis. Applied Spectroscopy Reviews. 50(6), 443-472. ISSN:05704928, DOI: 10.1080/05704928.2015.1010205, **@2015**

291. Assya Petrova, Milena Popova, Christina Kuzmanova, **Iva Tsvetkova**, **Hristo Naydenski**, Eliud Muli, Vassya Bankova. New biologically active compounds from Kenyan propolis. Fitoterapia, 81, 6, Elsevier, 2010, ISSN:0367-326X, DOI:10.1016/j.fitote.2010.01.007, 509 - 514. ISI IF:1.36

Цитира се в:

858. Silva-Carvalho, R., Baltazar, F., & Almeida-Aguiar, C. (2015). Propolis: A Complex Natural Product with a Plethora of Biological Activities That Can Be Explored for Drug Development. Evidence-Based Complementary and Alternative Medicine, 2015., **@2015**

859. Suleman, T., Vuuren, S., Sandasi, M., & Viljoen, A. M. (2015). Antimicrobial activity and chemometric modelling of South African propolis. Journal of applied microbiology, 119(4), 981-990., **@2015**

292. Espinoza-Quinones, F.R., Modenes, A.N., Camera, A.S., Stutz, G., Tirao, G., Palacio, S.M., **Kroumov, A.D.**, Oliveira, A.P., Alflen, V.L.. Application of high resolution X-ray emission spectroscopy on the study of Cr ion adsorption by activated carbon. Applied Radiation and Isotopes, 68, 12, ELSEVIER, 2010, ISSN:0969-8043, DOI:10.1016/j.apradiso.2010.06.006, 2208 - 2213. ISI IF:0.999

Цитира се в:

860. Gong, X.-J., W.-G. Li, D.-Y. Zhang, W.-B. Fan and X.-R. Zhang (2015): Adsorption of arsenic from micro-polluted water by an innovative coal-based mesoporous activated carbon in the presence of co-existing ions. International Biodeterioration & Biodegradation. ISSN:0964-8305, doi:10.1016/j.ibiod.2015.01.007, **@2015**

861. Chen, B., X. Zhao, Y. Liu, B. Xu and X. Pan (2015): Highly stable and covalently functionalized magnetic nanoparticles by polyethyleneimine for Cr (VI) adsorption in aqueous solution. RSC Advances. 5(2), 1398-1405, DOI: 10.1039/C4RA10602D, **@2015**

862. Yu, S., L. Zhai, Y. Wang, X. Liu, L. Xu and L. Cheng (2015): Synthesis of magnetic chrysotile nanotubes for adsorption of Pb (II), Cd (II) and Cr (III) ions from aqueous solution. Journal of Environmental Chemical Engineering. 3(2), 752-762. ISSN:2213-3437, doi:10.1016/j.jece.2015.03.023, **@2015**

293. Tosi S., **Kostadinova N.**, **Krumova E.**, Pashova S., **Dishliiska V.**, **Spassova B.**, **Vassilev S.**, **Angelova M.**. Antioxidant enzyme activity of filamentous fungi isolated from Livingston Island, maritime Antarctica. Polar Biology, 33, 9, 2010, 1227 - 1237. ISI IF:1.515

Цитира се в:

863. Василенко О.В., Кочкина Г.А., Иванушкина Н.Е., Сутормин Р.А., Пенин А.А., Логачева М.Д.,Кондрашов А.С., Озерская С.М. Популяционная геномика и молекулярная систематика Geomyces pannorum СОВРЕМЕННАЯ

864. Kumar M., Chand R., Dubey R.S., Shah K. Effect of Tricyclazole on morphology, virulence and enzymatic alterations in pathogenic fungi Bipolaris sorokiniana for anagement of spot blotch disease in barley, 2015, World J Microbiol Biotechnol, 31, 1, 23-35, **@2015**

865. Balboa E.M., Conde E., Soto M. L., Lorena P-A, Domínguez Herminia. Cosmetics from Marine Sources. In: Springer Handbook of Marine Biotechnology, 2015, Springer Berlin Heidelberg, 1015-1042, ISBN 978-3-642-53970-1, **@2015**

294. Boryana Trusheva, Ivelin Todorov, Mariana Ninova, **Hristo Najdenski**, Ali Daneshmand, Vassya Bankova. Antibacterial mono- and sesquiterpene esters of benzoic acids from Iranian propolis. Chemistry Central Journal, 4:8, 2010, ISSN:1752-153X, 1 - 4. ISI IF:1.119

Цитира се в:

866. Benhanifia, M., & M Mohamed, W. (2015). Phenolics Constituents of Different Types of Propolis and their Antimicrobial Activities. Anti-Infective Agents, 13(1), 17-27., **@2015**

867. Usman, U.Z., Mohamed, M. (2015). Analysis of phytochemical compounds in water and ethanol extracts of Malaysian propolis. International Journal of Pharma and Bio Sciences, 6 (2), 374-380., **@2015**

295. Chernev G., Borisova B., **Kabaivanova L.**, Salvado I.. Silica hybrid biomaterials containing gelatin synthesized by sol-gel method.. Cent. Eur. J. Chem., 2010, ISI IF:0.991

Цитира се в:

868. Nezafati, N., Zamanian, A. Effect of silane-coupling agent concentration on morphology and in vitro bioactivity of gelatin-based nanofibrous scaffolds fabricated by electrospinning method. Journal of Biomaterials and Tissue Engineering 2015, 5 (1), 78-86, **@2015**

296. Marhova M., Kostadinova S., **Stoitsova S.**. Biofilm-forming capabilities of urinary Escherichia coli isolates.. Biotechnol. Biotechnol. Eq., 24 SE, 2010, ISSN:1310-2818, 589 - 593

Цитира се в:

869. M Tabasi, MR Asadi Karam, M Habibi, MS Yekaninejad, S Bouzari, Phenotypic assays to determine virulence factors of Uropathogenic Escherichia coli (UPEC) isolates and their correlation with antibiotic resistance pattern, Osong Public Health And Research Perspectives (2015), doi: 10.1016/j.phrp.2015.08.002., **@2015**

297. Espinoza-Quinones, F.R., Modenes, A.N., S.M. Palacio,, Szymanski, N., Welter, R.A., Rizzutto, M.A., Borba, C.E., **Kroumov, A.D.**. Evaluation of trace element levels in muscles, liver and gonad of fish species from Sao Francisco River of the Parana Brazilian state by using SR-TXRF technique. Applied Radiation and Isotopes, 68, 12, ELSEVIER, 2010, ISSN:0969-8043, DOI:10.1016/j.apradiso.2010.06.001, 2202 - 2207. ISI IF:0.999

Цитира се в:

870. de la Guardia, M. and S. Garrigues (2015): "X-ray." Handbook of Mineral Elements in Food, 285-300. ISBN: 978-1-118-65436-1, DOI: 10.1002/9781118654316.ch14, **@2015**

871. Albuquerque, D.M., N.G. Marengoni, I. Mahl, M.C. de Moura, M.P. Rodriguez-Rodriguez, J.M. Galo and R.P. Ribeiro (2015): Bacillus in diets for fingerlings of nile tilapia, gift variety. Bioscience Journal. 31(2), 532-540. ISSN:1516-3725, **@2015**

872. Laura Borgese, Fabjola Bilo, Rogerta Dalipi, Elza Bontempi, Laura E. Depero, (2015). Total reflection X-ray fluorescence as a tool for food screening, Spectrochimica Acta Part B: Atomic Spectroscopy, v. 113, ,p. 1–15. doi:10.1016/j.sab.2015.08.001, **@2015**

298. Trigueros, D. E. G., Modenes, A. N., **Kroumov, A. D.**, Espinoza-Quinones, F. R.. Modeling of biodegradation process of BTEX compounds: Kinetic parameters estimation by using Particle Swarm Global Optimizer. Process Biochemistry, 45, 8, ELSEVIER, 2010, ISSN:1359-5113, DOI:10.1016/j.procbio.2010.05.007, 1355 - 1361. ISI IF:2.444

Цитира се в:

873. Dong, J., X. Wang, B. Li and Z. Chi (2015): Kinetics of BTEX biodegradation coupled with Fe(III) reduction by indigenous microorganisms in simulated underground environment. Desalination and Water Treatment. 54(8), 2334-2341. ISSN:19443994, **@2015**

874. Maass, D., D.A. Mayer, D.E. Moritz, D. Oliveira, A.A.U. de Souza and S.M.A.G. Souza (2015): An Evaluation of Kinetic Models in the Biodesulfurization of Synthetic Oil by Rhodococcus erythropolis ATCC 4277. Applied Biochemistry and Biotechnology, 1-12. ISSN:0273-2289, **@2015**

875. Ankur Gupta,Chandrajit Balomajumder, (2015). Simultaneous bioremediation of Cr(VI) and phenol from single and binary solution using Bacillus sp.: Multicomponent kinetic modeling, Journal of Environmental Chemical Engineering, v. 3, #3, p. 2180–2186, doi:10.1016/j.jece.2015.07.025, **@2015**

876. Hossein Hazrati, Jalal Shayegan and Seyed Mojtaba Seyedi, (2015). Biodegradation kinetics and interactions of styrene and ethylbenzene as single and dual substrates for a mixed bacterial culture, Journal of Environmental Health Science & Engineering, 13:72, DOI 10.1186/s40201-015-0230-y, **@2015**

299. **Georgiev V.**, Weber J., Kneschke E., Denev P., Bley Th., **Pavlov A.**. Antioxidant activity and phenolic content of betalain extracts from intact plants and hairy root cultures of the red beetroot Beta vulgaris cv. detroit dark red.. Plant Foods Hum Nutr, 65, 2010, 105 - 111. ISI IF:2.463

Цитира се в:

877. Caldas-Cueva, J. P., Morales, P., Ludeña, F., Betalleluz-Pallardel, I., Chirinos, R., Noratto, G., Campos, D. (2015). Stability of Betacyanin Pigments and Antioxidants in Ayrampo (Opuntia soehrensii Britton and Rose) Seed Extracts and as a Yogurt Natural Colorant. Journal of Food Processing and Preservation. DOI: 10.1111/jfpp.12633. ISSN: 1745-4549, **@2015**

878. Gonçalves, F., Correia, P., Ana Rita, R., Guiné, R. (2015). Chemical and sensorial properties of beetroot jam. ICEUBI2015 - INTERNATIONAL CONFERENCE ON ENGINEERING 2015 – 2-4 Dec 2015 – University of Beira Interior – Covilhã, Portugal, **@2015**

879. Dias, M. I., Sousa, M. J., Alves, R. C., Ferreira, I. C. (2015). Exploring plant tissue culture to improve the production of phenolic compounds: A review. Industrial Crops and Products. doi:10.1016/j.indcrop.2015.12.016. ISSN: 0926-6690, **@2015**

880. Paciulli, M., Medina-Meza, I. G., Chiavaro, E., Barbosa-Cánovas, G. V. (2015). Impact of Thermal and High Pressure Processing on Quality Parameters of Beetroot (Beta Vulgaris L.). LWT-Food Science and Technology. doi:10.1016/j.lwt.2015.12.029. ISSN: 0023-6438, **@2015**

881. Clifford T., Howatson G., West D.J., Stevenson E.J. The Potential Benefits of Red Beetroot Supplementation in Health and Disease. Nutrients. 7(4): 2801-2822, 2015., **@2015**

882. Wightman E.L., Haskell-Ramsay C.F., Thompson K., Blackwell J.R., Winyard P.G., Forster J., Jones A.M., Kennedy D.O. Dietary nitrate modulates cerebral blood flow parameters and cognitive performance in humans: A double-blind, placebo-controlled, crossover investigation. Physiology & Behavior, 149: 149 – 158, 2015., **@2015**

883. Kavalcová P., Bystrická J., Tomáš J., Karovičová J., Kovarovič J., Lenková M. The content of total polyphenols and antioxidant activity in red beetroot. Potravinarstvo : Scientific Journal for Food Industry. 9(1): 77 – 83, 2015., **@2015**

884. Koss-Mikołajczyk I., Kusznierewicz B., Namiesnik J., Bartoszek A. Juices from non-typical edible fruits as health-promoting acidity regulators for food industry. LWT - Food Science and Technology. 64: 845-852, 2015., **@2015**

885. Amirasgari N., Mirsaeedghazi H. Microfiltration of Red Beet Juice Using Mixed Cellulose Ester Membrane. Journal of Food Processing and Preservation. 2015, in press., **@2015**

886. Al-Asmari A. K., Al-Elewi A. M., Athar M. T., Tariq M., Al Eid A., Al-Asmari S. A Review of Hepatoprotective Plants Used in Saudi Traditional Medicine. Evidence-Based. Complementary and Alternative Medicine, (in press). 2015., **@2015**

887. Gandía-Herrero F., Escribano J., García-Carmona F. Biological Activities of Plant Pigments Betalains. Critical reviews in food science and nutrition, 2015, in press. DOI:10.1080/10408398.2012.740103, **@2015**

888. Zhang B., Chen W., Liu L., Wang J., Zhao Z.G. **超声波**辅助提取对甜菜红的量及其活性的影响. China Beet & Sugar, 1, 2015 TS245.9, DOI: 10.3639/j.issn.1002-0551.2014.01.003, **@2015**

889. Raskauskiene I., Pukalskas A., Venskutonis P.R., Fiore A., Troise A.D., Fogliano V. Effects of beetroot (Beta vulgaris) preparations on the Maillard reaction products in milk and meat-protein model systems. Food Research International. In press, 2015., **@2015**

890. Wruss J., Waldenberger G., Huemer S., Uygun P., Lanzerstorfer P., Müller U., Höglinger O., Weghuber J. Compositional characteristics of commercial beetroot products and beetroot juice prepared from seven beetroot varieties grown in Upper Austria. Journal of Food Composition and Analysis. 2015, in press., **@2015**

300. Modenes, A.N., Espinoza-Quinones, F.R., Palacio, S.M., **Kroumov, A.D.**, Stutz, G., Tirao, G., Camera, A.S.. Cr(VI) reduction by activated carbon and non-living macrophytes roots as assessed by K□ spectroscopy. Chemical Engineering Journal, 162, 1, ELSEVIER, 2010, ISSN:1385-8947, DOI:10.1016/j.cej.2010.05.045, 266 - 272. ISI IF:3.074

Цитира се в:

891. Cancelo-González, J., D.M. Prieto, R. Paradelo and M.T. Barral (2015): Estudio a escala de microcosmos de barreras permeables reactivas con serrines granГticos y compost para el tratamiento de aguas contaminadas con Cr (VI). Spanish Journal of

Soil Science. 5(2). ISSN:2253-6574, DOI:10.3232/SJSS.2015.V5.N2.07, **@2015**

301. Tomova, I.,, **Stoilova-Disheva, M.**, **Lyutskanova, D.**, Pascual, J, Petrov, P., **Kambourova, M.**. Phylogenetic analysis of the bacterial community in a geothermal spring, Rupi basin, Bulgaria.. World Journal of Microbiology and Biotechnology, 2010, ISI IF:1.214

Цитира се в:

892. AL-Jailawi, M.H., Nasir, H.M., Aziz, G.M. (2015). Cytotoxic effect of biosurfactants produced by novel thermophillic Geobacillus thermoleovorans (JQ 912239). International Journal of Advanced Research 3 (6), pp. 632-637, ISSN 2320-5407., **@2015**

893. Sahoo, R. K., Subudhi, E., & Kumar, M. (2015). Investigation of bacterial diversity of hot springs of Odisha, India. Genomics Data, 6, 188-190., **@2015**

894. Su, Y., Yang, L., Hui, L., Yuan-Yuan, G., Ming-Juan, Z., Chun-Hui, X., ... & Chi, C. (2015). Bacterial communities during the process of high-temperature Daqu production of roasted sesame-like flavour liquor. Journal of the Institute of Brewing. Volume 121, Issue 3, pages 440–448, 2015, **@2015**

895. Acer, O. et al. Anoxybacillus sp. AH1, an α-amylase-producing thermophilic bacterium isolated from Dargecit hot spring ¨ Biologia 07/2015; 70(7):853-862. DOI:10.1515/biolog-2015-0111, **@2015**

302. Berkov S., **Pavlov A.**, **Georgiev V.**, Weber J., Bley Th., Viladomat F., Bastida J., Codina C.. Changes in apolar metabolites during in vitro organogenesis of Pancratium maritimum. Plant Physiology and Biochemistry, 48, 10-11, 2010, 827 - 835. ISI IF:2.485

Цитира се в:

896. Ncube B., Baskaran P., Van Staden J. Transition from in vitro to an ex vitro environment: is the metabolism altered? In Vitro Cellular & Developmental Biology – Plant. 51(2): 166 – 173, 2015., **@2015**

303. **Tsvetanova Z.G.**, Hoekstra E.J.. The effect of the surface-to-volume contact ratio on the biomass production potential of the pipe products in contact with drinking water. Water Science & Technology: Water Supply, 10, 1, IWA Publishing, 2010, ISSN:ISSN Print: 0273-1223 | ISSN Online: 1607-0798, DOI:DOI: 10.2166/ws.2010.734, 105 - 112. ISI IF:0.394

Цитира се в:

897. Émilie Bédard, 2015, Opeartional factors influencing occurrence and risk exposure to Pseudomonas aeruginosa and Legionella pneumophyla from hospital water systems, École Polytechnique de Montreal,, **@2015**

304. Nicolaus, B., **Kambourova, M.**, Oner, E.T.. Exopolysaccharides from extremophiles: from fundamentals to biotechnology.. , 2010, ISI IF:1

Цитира се в:

898. Amjres, H., Béjar, V., Quesada, E., (...), Colliec-Jouault, S., Llamas, I. (2015). Characterization of haloglycan, an exopolysaccharide produced by Halomonas stenophila HK30. International Journal of Biological Macromolecules, 72, 117-124., **@2015**

899. Amoozegar, M. A., Mehrshad, M., Akhoondi H. (2015). Application of Extremophilic Microorganisms in Decolorization and Biodegradation of Textile

Wastewater. Microbial Degradation of Synthetic Dyes in Wastewaters. Springer International Publishing, 267-295., **@2015**

900. Carrión, L. D., Mercade, E. (2015). New emulsifying and cryoprotective exopolysaccharide from Antarctic Pseudomonas sp. ID1. Carbohydrate Polymers, 117, pp. 1028-1034, **@2015**

901. Charlesworth, J. C., & Burns, B. P. (2015). Untapped Resources: Biotechnological Potential of Peptides and Secondary Metabolites in Archaea.Archaea, 2015. Article ID 282035, 7 pages http://dx.doi.org/10.1155/2015/282035, **@2015**

902. Colliec-Jouault, S. (2015). Skin tissue engineering using functional marine biomaterials (Book Chapter). Functional Marine Biomaterials: Properties and Applications, pp. 69-90, **@2015**

903. Das, D., & Pal, S. (2015). Modified Biopolymer-Dextrin Based Cross linked Hydrogels: Application in Controlled Drug Delivery. RSC Advances, 5 (32), pp. 25014-25050., **@2015**

904. Delabarre-Ladrat, C., Boursicot, V., & Colliec-Jouault, S. (2015). Marine-Derived Exopolysaccharides. In Hb25_Springer Handbook of Marine Biotechnology (pp. 919-939). Springer Berlin Heidelberg., **@2015**

905. Ghosh, A., Pandey, B. D., & Sarkar, S. (2015). Microbial Variants from Iron Ore Slimes: Mineral Specificity and pH Tolerance. Indian Journal of Microbiology, 1-10., **@2015**

906. Abhilash, Ghosh, A.,Pandey, B.D., Sarkar, S. (2015). Microbial Variants from Iron Ore Slimes: Mineral Specificity and pH Tolerance. Indian Journal of Microbiology,55 (4), pp. 430-439, **@2015**

907. Lamprinou, V., Tryfinopoulou, K.,Velonakis, E.N., (...), Pantazidou, A.,Economou-Amilli, A. 2015 Cave cyanobacteria showing antibacterial activity. International Journal of Speleology, 44 (3), pp. 231-238, **@2015**

908. Leong SL, H Lantz, OV Pettersson, J. C. Frisvad, U Thrane, H J. Heipieper, J Dijksterhuis, M Grabherr, M Pettersson, C Tellgren-Roth, J Schnürer. Genome and physiology of the ascomycete filamentous fungus Xeromyces bisporus, the most xerophilic organism isolated to date. Environmental Microbiology (2015) 17 (2), pp. 496-513., **@2015**

909. Martínez, V. A., González, M. T. G., Ramírez, J. R. M., & Villareal, J. F. CARACTERIZACIÓN DEL EXOPOLISACÁRIDO PRODUCIDO POR UNA BACTERIA PSICROTOLERANTE AISLADA DEL NORESTE DE MÉXICO Y SUS POTENCIALES APLICACIONES INDUSTRIALES.21-26 Junio de 2015, Guadalajara, Jalisco, Mexico., **@2015**

910. Mohammadipanah, F., Hamedi, J., & Dehhaghi, M. (2015). Halophilic Bacteria: Potentials and Applications in Biotechnology. In Halophiles (pp. 277-321). Springer International Publishing., **@2015**

911. Notomista, E., Falanga, A., Fusco, S., (...), Pedone, E., Contursi, P. (2015). The identification of a novel Sulfolobus islandicus CAMP-like peptide points to archaeal microorganisms as cell factories for the production of antimicrobial molecules. Microbial Cell Factories, 14 (1), 126, **@2015**

912. Roca, C., Alves, V. D., Freitas, F., & Reis, M. A. (2015). Exopolysaccharides enriched in rare sugars: bacterial sources, production, and applications.Frontiers in Microbiology, 6, Article 288. DOI:10.3389/fmicb.2015.00288, **@2015**

913. Sellami, M., Oszako, T., Miled, N., & Ben Rebah, F. (2015). Industrial wastewater as raw material for exopolysaccharide production by Rhizobium leguminosarum. Brazilian Journal of Microbiology, 46(2), 407-413., **@2015**

914. Simon-Colin, C., Gueguen, Y.,Bachere, E., (...), Gayet, N.,Guezennec, J. (2015). Use of natural antimicrobial peptides and bacterial biopolymers for cultured pearl production. Marine Drugs, 13 (6), pp. 3732-3744, **@2015**

915. Squillaci, G., Finamore, R., Diana, P., Restaino, O. F., Schiraldi, C., Arbucci, S., ... & Morana, A. (2015). Production and properties of an exopolysaccharide synthesized by the extreme halophilic archaeon Haloterrigena turkmenica.Applied Microbiology and Biotechnology, 1-11., **@2015**

305. Gesheva V., Stackebrandt E., **Vasileva-Tonkova E.**. Biosurfactant production by halotolerant Rhodococcus fascians from Casey Station, Wilkes Land, Antarctica.. Current Microbiol., 61, 2010, ISSN:0343-8651, 112 - 117. ISI IF:1.51

Цитира се в:

916. Stancu M.M. (2015) Solvent tolerance mechanisms in shewanella putrefaciens IBBPo6. Water, Air, and Soil Pollution, 226, art. no. 2328., **@2015**

917. Stancu M.M. (2015) Investigation of the organic solvent resistance mechanisms in Rhodococcus and Lysinibacillus using several molecular forensic tools. Environmental Forensics, 16, 242-256., **@2015**

918. Kügler J.H., Le Roes-Hill M., Syldatk C., Hausmann R. (2015) Surfactants tailored by the class Actinobacteria. Frontiers in Microbiology, 6, DOI: 10.3389/fmicb.2015.00212., **@2015**

919. De Almeida F.C.G., e Silva T.A.D.L., Garrard I., Asfora L., Sarubbo G.M.D.C.T., Tambourgi E.B. (2015) Optimization and evaluation of biosurfactant produced by Pantoea sp. using pineapple peel residue, vegetable fat and corn steep liquor. J. Chem. Chem. Eng., 9, 269-279., **@2015**

920. Hamedi J., Mohammadipanah F., Panahi H.K.S. (2015) Biotechnological exploitation of actinobacterial members. In Halophiles, Springer International Publishing, pp. 57-143., **@2015**

921. Stancu M.M. (2015) Response of Rhodococcus erythropolis strain IBBPo1 to toxic organic solvents. Brazilian Journal of Microbiology, 46, http://dx.doi.org/10.1590/S1517-838246420140462, **@2015**

306. Gueorgieva T., Dimitrov S., Dogandhiyska V., Kalchinov V., Belcheva M., Mantareva V., Angelov I., **Kussovski V.**. Susceptibility of S.aureus to methylene blue haematoporphyrin, phtalocyanines photodynamic effects. J of IMAB, 16, 4, 2010, DOI:10.5272/jimab.1642010_51-53, 51 - 53

Цитира се в:

922. Rosa L.P., F.C. da Silva, M.S. Viana, G.A. Meira. In vitro effectiveness of 455-nm blue LED to reduce the load of Staphylococcus aureus and Candida albicans biofilms in compact bone tissue. Lasers Med Sci, 2015, **@2015**

923. Miñán A. , C. Lorente, A. Ipiña, A. H. Thomas, M. F. L. de Mele, P. L. Schilardi (2015) Photodynamic inactivation induced by carboxypterin: a novel non-toxic bactericidal strategy against planktonic cells and biofilms of Staphylococcus aureus, Biofouling: The Journal of Bioadhesion and Biofilm Research, 31:5, 459-468, **@2015**

307. Simeonova, D. D., Wilson, M.M., Metcalf, W.W., Schink, B .. Identification and Heterologous Expression of Genes Involved in Anaerobic Dissimilatory Phosphite Oxidation by Desulfotignum phosphitoxidans. JOURNAL OF BACTERIOLOGY, 192, 19, AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904 USA, 2010, ISSN:ISSN: 0021-9193, DOI:DOI: 10.1128/JB.00541-10, 5237 - 5244. SJR:2.138, ISI IF:3.726

Цитира се в:

924. A Post-Genomic View of the Ecophysiology, Catabolism and Biotechnological Relevance of Sulphate-Reducing Prokaryotes, **@2015**

308. Markova N. Electrospun mats from styrene/maleic anhydride copolymers: modification with amines and assessment of antimicrobial activity.. Macromolecular bioscience, 10, 8, WILEY-VCH Verlag GmbH & Co, 2010, ISSN:1616-5195, DOI:10.1002/mabi.200900433, 944 - 954. ISI IF:3.458

Цитира се в:

925. R Li, M He, T Li, L Zhang. Preparation and properties of cellulose/silver nanocomposite fibers - Carbohydrate polymers, 115: 269–275, 2015, **@2015**

926. Sci Total Environ. 2015 Oct 30. pii: S0048-9697(15)30884-6. doi: 10.1016/j.scitotenv.2015.10.072. [Epub ahead of print] Electrospun cellulose acetate composites containing supported metal nanoparticles for antifungal membranes. Quirós J1, Gonzalo S1, Jalvo B1, Boltes K2, Perdigón-Melón JA1, Rosal R3, **@2015**

927. J Biomed Nanotechnol. 2015 Sep;11(9):1535-49. A Strategy to Develop Bioactive Nanoarchitecture Cellulose: Sustained Release and Multifarious Applications. Karuppusamy S, Pratheepkumar A, Dhandapani P, Maruthamuthu S, Kulandainathan MA., **@2015**

928. Photoinduced curcumin derivative-coatings with antibacterial properties M. Condat,a P.-E. Mazeran,b J.-P. Malval,c J. Lalevée,c F. Morlet-Savary,c E. Renard,a V. Langlois,a S. Abbad Andalloussid and D.-L. Versace*a RSC Adv., 2015,5, 85214-85224, **@2015**

929. Fully degradable antibacterial poly (ester-phosphoester) s by ring-opening polymerization,“click” chemistry, and quaternization X Yao, H Du, N Xu, S Sun, W Zhu.. J. Appl. Polym. Sci. 2015, 132, 42647., **@2015**

930. Photoactivable surface of natural poly (3-hydroxybutyrate-co-3-hydroxyvalerate) for anti-adhesion applications R Poupart, A Haider, J Babinot, IK Kang. ACS Biomater. Sci. Eng., 2015, 1 (7), pp 525–538, **@2015**

309. Dimitrova, P, **Ivanovska, N**, Schwaeble, W, **Gyurkovska, V**, Stover, C. The role of properdin in murine zymosan-induced arthritis. Molecular Immunology, 47, (7), Elsevier, 2010, 1458 - 1466. ISI IF:3.5

Цитира се в:

931. Gilkeson, G. S. (2015). Complement-Targeted Therapies in Lupus. Current Treatment Options in Rheumatology, 1(1), 10-18., **@2015**

932. Jain, U., Midgen, C. A., Schwaeble, W. J., Stover, C. M., & Stadnyk, A. W. (2015). Properdin Regulation of Complement Activation Affects Colitis in Interleukin 10 Gene-Deficient Mice. Inflammatory bowel diseases., **@2015**

310. Papp, K., Végh, P., **Tchorbanov, A.**, **Vassilev, T.**, Erdei, A., Prechl, J.. Progression of the SLE-like disease drives the appearance of complement activating IgG antibodies in MRL/lpr mice. Rheumatology, 49, 12, 2010, 2273 - 2280. ISI IF:4.171

Цитира се в:

933. Cervenak, J., Kurrle, R., Kacskovics, I. Accelerating antibody discovery using transgenic animals overexpressing the neonatal Fc receptor as a result of augmented humoral immunity. Immunological Reviews 2015, 268 (1), 269-287, **@2015**

934. Bao L, Cunningham PN and Quigg RJ. The complement system in lupus nephritis. F1000Research 2015, 4:145 (doi: 10.12688/f1000research.6562.1), **@2015**

935. Bao L, Cunningham PN and Quigg RJ. Complement in Lupus Nephritis: New Perspectives. Kidney Dis 2015; 1:91-99; (DOI:10.1159/000431278), **@2015**

936. Daha, N.A. Candidate gene studies in rheumatoid arthritis. Doctoral Thesis 2015, Leiden University Medical Center (LUMC), Leiden University, ISBN:9789462596740, **@2015**

311. Petrov, K., **Petrova, P.**. Enhanced production of 2,3-butanediol from glycerol by forced pH fluctuations. Applied Microbiology and Biotechnology, 87, 3, Springer Verlag, 2010, ISSN:0175-7598, DOI:10.1007/s00253-010-2545-z, 943 - 949. SJR:1.212, ISI IF:3.28

Цитира се в:

937. Jiang L., Fang Z., Zhao Z., He F., Li H.-B. 2,3-Butanediol and Acetoin Production from Enzymatic Hydrolysate of Ionic Liquid-pretreated Cellulose by Peanibacillus polymyxa, BioResources, 2015, vol. 10 (1), 1318-1329., **@2015**

938. Guo X., Wang Y., Guan X., Chen Y., Zhang C., Xiao D. Improved Lactose Utilization by Overexpression β-Galactosidase and Lactose Permease in Klebsiella pneumoniae, Advances in Applied Biotechnology, Springer, 2015, vol. 332, pp. 121-131. ISBN 978-3-662-45656-9, **@2015**

939. Yang T., Rao Z., Zhang X., Xu M., Xu Z., and Yang S.-T. Enhanced 2,3-butanediol production from biodiesel-derived glycerol by engineering of cofactor regeneration and manipulating carbon flux in Bacillus amyloliquefaciens, Microbial Cell Factories, 2015, vol. 14:122. DOI 10.1186/s12934-015-0317-2, **@2015**

940. Martinez A. M. R. Method for producing 2,3-butanediol using improved strains of Raoultella planticola, US Patent, 2015, Pub. N.: US 2015/0191752 A1., **@2015**

941. Cho S., Kim T., Woo H.-M., Kim Y., Lee J., and Um Y. High production of 2,3-butanediol from biodiesel-derived crude glycerol by metabolically engineered Klebsiella oxytoca M1, Biotechnology for Biofuels, 2015, vol. 8:146, DOI 10.1186/s13068-015-0336-6, **@2015**

942. Priya A., Dureja P., Talukdar P., Rathi R., Lal B., Sarma P. M. Microbial Production of 2,3-butanediol through a two-stage pH and agitation strategy in 150l bioreactor, Biochemical Engineering Journal, 2016, vol. 105, Part A, 159–167., **@2015**

943. Rahman M. S., Xu Ch., Jiang Z.-H., Qin W. Value-added utilization of crude glycerol from biodiesel production. In: Future Medicine Ltd Université de Montréal, Canada, 2015, Pages 126-139. (doi: 10.4155/fseb2013.14.242) eISBN (PDF): 978-1-910420-13-3, **@2015**

944. Hallenbeck P. C. Advances in Enzymatic Conversion of Biomass to Biofuels. In: Future Medicine Ltd Université de Montréal, Canada, 2015, eISBN (PDF): 978-1-

910420-13-3, **@2015**

945. Sikora B., Kubik C., Kalinowska H., Gromek E., Białkowska A., Jędrzejczak-Krzepkowska J., Schüett F., Turkiewicz M. Application of byproducts from food processing for production of 2,3-butanediol using Bacillus amyloliquefaciens TUL 308, Preparative Biochemistry and Biotechnology, 2015, DOI: 10.1080/10826068.2015.1085401, **@2015**

946. Rahman M.S., Yuan Z., Ma K., Xu C.C., Qin W., Aerobic Conversion of Glycerol to 2,3-Butanediol by a Novel Klebsiella variicola SRP3 Strain, J Microb Biochem Technol, 2015, vol. 7, 299-304., **@2015**

947. Białkowska A. M., Gromek E., Krysiak J., Sikora B., Kalinowska H., Je˛drzejczak-Krzepkowska M., Kubik C., Lang S., Schьtt, F., Turkiewicz M. Application of enzymatic apple pomace hydrolysate to production of 2,3-butanediol by alkaliphilic Bacillus licheniformis NCIMB 8059, J. Ind. Microbiol. Biotechnol., 2015, vol. 42 (12), 1609-1621., **@2015**

312. Aleksieva, P., Tchorbanov, B.,, **Nacheva, L.**. High-yield production of alpha-galactosidase excreted from Penicillium chrysogenum and Aspergillus niger.. Biotechnol. Biotechnol. Eq., 24, 1, 2010, ISSN:1310-2818, DOI:10.2478/v10133-010-0015-5, 1620 - 1623. ISI IF:0.503

Цитира се в:

948. Nguyen, Q. D., Bujna, E., Styevkó, G., Rezessy-Szabó, J. M., Hoschke, Á. Fungal biomolecules for the food industry. Chapter 2 in Fungal Bio-Molecules: Sources, Applications and Recent Developments. Pp. 11–38. Vijai Kumar Gupta, Robert L. Mach, S. Sreenivasaprasad (Eds.). ISBN: 978-1-118-95829-2, **@2015**

949. Chen Z., Yan Q., Jiang Z., Liu Y., Li Y. High-level expression of a novel α-galactosidase gene from Rhizomucor miehei in Pichia pastoris and characterization of the recombinant enzyme. Protein Expression Purification, 110, 107-114., **@2015**

313. **Georgiev, V.**, Ivanov, I, **Pavlov, A.**. Obtaining and selection of Pancratium maritimum L. in vitro cultures with acetylcholinesterase inhibitory action. Biotechnology & Biotechnological Equipment, 24, 2010, ISSN:1310-2818, DOI:10.1080/13102818.2010.10817831, 149 - 154. ISI IF:0.3

Цитира се в:

950. Diamond, A., Desgagné-Penix, I. (2015). Metabolic engineering for the production of plant isoquinoline alkaloids. Plant biotechnology journal. DOI: 10.1111/pbi.12494. ISSN: 1467-7652, **@2015**

314. **Georgiev M.**, Alipieva K., Pashova S., Denev P., **Angelova M.**, Kerns G., Bley T.. Antioxidant activity of devil's claw cell biomass and its active constituents. Food Chemistry, 121, 4, Elsevier, 2010, ISSN:1873-7072, 967 - 972. SJR:1.7, ISI IF:3.655

Цитира се в:

951. Piątczak E., Kuźma Ł., Porada W., Olas B., Wysokińska H. Evaluation of antioxidant properties of methanolic extracts from leaves and roots of Rehmannia glutinosa Libosch. In human blood, 2015, Acta Poloniae Pharmaceutica - Drug Research, 72, Issue 4, 777-783, **@2015**

952. Parenti, C., A. Giuseppina, C. Santina, et al. Involvement of the Heme-Oxygenase Pathway in the Antiallodynic and Antihyperalgesic Activity of Harpagophytum procumbens in Rats, Molecules, 2015, 20, 9, 16758-16769, **@2015**

953. Elumalai, Nandhakumar; Ayyakkannu, Purushothaman; Palanivelu, Shanthi; et al. In vitro antioxidant potential of Shemamruthaa (a herbal formulation) and its anticancer activity in the MCF-7 cell line,2015, RSC Advanced 5, 23125-23133., **@2015**

315. Kratchanova M., Nikolova M., Pavlova E., Yanakieva I., **Kussovski V.**. Composition and properties of biologically active pectic polysaccharides from leek (Allium porrum).. J Sci Food Agric, Published online in Wiley Interscience: 22 June 2010, 2010, ISSN:Online ISSN: 1097-0010, DOI:DOI 10.1002/jsfa.4050, 2046 - 2051. ISI IF:1.714

Цитира се в:

954. Christiaens S., D. Uwibambe, M. Uyttebroek, B. Van Droogenbroeck, A. M. Van Loey, M. E. Hendrickx. Pectin characterisation in vegetable waste streams: A starting point for waste valorisation in the food industry. LWT - Food Science and Technology xxx (2015) 1-8, **@2015**

955. Radovanović B., J. Mladenović, A. Radovanović, R. Pavlović, V. Nikolić, "Phenolic composition, antioxidant, antimicrobial and cytotoxic activites of Allium porrum L. (Serbia) extracts." Journal of Food and Nutrition Research, 3, 2015, 9, 564-569, **@2015**

956. Guaadaoui A., F. Bouhtit, A. Hamal. The Preventive Approach of Biocompounactives (1): A Review in Recent Advances in Common Vegetables and Legumes. International Journal of Nutrition and Food Sciences, 4, 2015, 1, 89-102, **@2015**

316. Djambaski, P., Aleksieva, P., Spasova, D., Chernev, G.,, **Nacheva, L.**. Immobilization in nanomatrices of Humicola lutea mycelium for alpha-galactosidase biosynthesis in laboratory air-lift bioreactor.. Biotechnol. Biotechnol. Eq.,, 24, 2, 2010, ISSN:1310-2818, DOI:10.2478/v10133-010-0041-3, 1897 - 1903. ISI IF:0.503

Цитира се в:

957. Wang X., Ahmed NB., Alvarez GS., Tuttolomondo MV., Helary C., Desimone MF., Coradin T. Sol-gel encapsulation of biomolecules and cells for medicinal applications. Curr Topics Medicinal Chem, 15, 223-244., **@2015**

317. **Tsekova, K**, **Todorova, D**, Ganeva, S. Removal of heavy metals from industrial wastewater by free and immobilized cells of Aspergillus niger. International Biodeterioration and Biodegradation, 64, 6, 2010, ISSN:0964-8305, 447 - 451. ISI IF:2.074

Цитира се в:

958. Saravanakumar, K., Kathireasan, K., Bioremoval of lead and iron from seage water by mangrove-derived Hypocrea lixil. International Journal of Environmental Science and Technology, 2015, 12(10), 3341-3350., **@2015**

959. Serrano-Gomer, J., Olguin, M.T. Separation of Cr(VI) from aqueous solutions by adsorption on the microfungus Ustilago maydis. International Journal of Environmental Science and Technology, 2015, 2015, 12(8), 2559-2566., **@2015**

960. Salman, M., Athar, M., Farooq, U. Biosorption of heavy metals from aqueous solutions using indigenous and modified lignocellulosic materials. Review in Environmental Science and Biotechnology, 2015, 14(2), 211-228., **@2015**

961. Mahmoud, M.E., Yakout, A.A., Abdel-Aal, H., Osman, M.M. Speciation and selective biosorption of Cr(III) and Cr(VI) using nanosilica immobilized-fungi biosorbents. Journal of Environmental Engineering, 2015, 141(4), 04014079,

@2015

962. Huang, Z., Chen, G., Zeng, G.(…)Song, Z., Niu, Q. Polyvinyl alcohol-immobilized Phanerochaete chrysosporium and its application in the bioremediation of composite-polluted wastewater. Journal of Hazardous Materials, 2015, 289, 174-183., **@2015**

963. Acheamprong, M.A., Ansa, E.D.O., Woode, M.Y., Awuah, E. Biosorption of Pb(II) onto Cocos Nucifera Shell and Moringa Oleifera Seeds. Chemical Engineering Communications, 2015, 202(7), 946-953., **@2015**

964. Ahuady-Asbchin, S., Safari, M., Tabaraki, M. Biosorption of Zn(II) by Pseudomonas aeruginosa isolated from a site contaminated with petroleum. Desalin and Water Treatment, 2015, 54(12), 3372-3379., **@2015**

965. Das, M., Adholeya, A. Potential uses of immobilized bacteria, fungi, algae and there aggregates of treatment of organic and inorganic pollutants in wastewater. ACS Symposium Series, 1206, 319-337., **@2015**

966. Neeratanaphan, L., Dechmon, S., Phonimdaeng, P., Khamon, P., Intamat, S. Removal of lead from wastewater contaminated with chemical synthetic dye by Aspergillus terreus. EnvironmentAsia, 2015, 8(2), 45-55., **@2015**

967. Feng, C., Jin, S., Luo, M.(…)Li L-P, Fu Y-j. Optimization of production parameters of natto-pigeon pea with immobilized Bacillus natto and sensory evaluations of the product. Innovative Food Science and Emerging Technologies, 2015, 31, 160-169., **@2015**

318. **Vilhelmova, N.**, Jacquet, R., Quideau, S., **Stoyanova, A.**, **Galabov, A.S.**. Three-dimensional analysis of combination effect of ellagitannins and acyclovir on herpes simplex virus types 1 and 2. Antiviral Research, 89, Elsevier, 2010, ISSN:0166-3542, DOI:doi:10.1016/j.antiviral.2010.11.014, 174 - 181. ISI IF:4.301

Цитира се в:

968. Matsuo, Y., Wakamatsu, H., Omar, M., Tanaka, T. Reinvestigation of the Stereochemistry of the C-Glycosidic Ellagitannins, Vescalagin and Castalagin. Organic Letters, 2015, 17 (1), pp. 46–49 IF 6.364, **@2015**

319. **Boyadzhieva I**, Emanuilova E.. Induction of superoxide dismutase in B. licheniformis M20 by heat shock and oxidative stress.. Compt. rend. Acad. Bulg. Sci, 2010, ISI IF:0.219

Цитира се в:

969. Induction of Osmoadaptive Mechanisms and Modulation of Cellular Physiology Help Bacillus licheniformis Strain SSA 61 Adapt to Salt Stress. Current Microbiology, 70, (4) : 610-617, 2015, **@2015**

320. **Rusinova-Videva, S**, Pavlova, K, Panchev, I, Georgieva, K, Kuncheva, M. Effect of different factors on biosynthesis of exopolysaccharide from Antarctic yeast. Biotechnology and Biotechnological Equipment, 24, 2010, 507 - 551. ISI IF:0.503

Цитира се в:

970. Exopolysaccharides from yeast: insight into optimal conditions for biosynthesis, chemical composition and functional properties-review, **@2015**

321. **Simeonov I.**, Diop S.. Simeonov I., Diop S. Stability analysis of some nonlinear anaerobic digestion models. Int. J. Bioautomation, 14, 1, Institute of Biophysics and Biomedical

Engineering Bulgarian Academy of Sciences, 2010, ISSN:1314-1902, 37 - 48. SJR:0.228

Цитира се в:

971. Alharbi, A. O. M. (2015). The biological treatment of wastewater: mathematical models, **@2015**

972. Wade, M. J., Pattinson, R. W., Parker, N. G., & Dolfing, J. (2015). Emergent behaviour in a chlorophenol-mineralising three-tiered microbialfood web'. arXiv preprint arXiv:1503.01580., **@2015**

973. Baverel, M., & Normand-Cyrot, D. (2015). Bilan d'activités de la division Systèmes (Doctoral dissertation, CNRS, **@2015**

322. Dimitrov, J.D., Planchais, C., Kang, J., **Pashov, A.**, Vassilev, T.L., Kaveri, S.V., Lacroix-Desmazes, S.. Heterogeneous antigen recognition behavior of induced polyspecific antibodies. Biochemical and Biophysical Research Communications, 398, 2, 2010, ISI IF:2.6

Цитира се в:

974. Artenjak, A., et al. (2015). "Oxidatively altered IgG with increased immunoreactivity to β2-glycoprotein i and its peptide clusters influence human coronary artery endothelial cells." Lupus 24: 448-462., **@2015**

975. Kulkarni, M., et al. (2015). "Binding of plasma proteins to titanium dioxide nanotubes with different diameters." International Journal of Nanomedicine 10: 1359-1373..", **@2015**

323. **Djoumerska-Alexieva, I.K.**, Dimitrov, J.D., Voynova, E.N., Lacroix-Desmazes, S., Kaveri, S.V, **Vassilev, T.L.**. Exposure of IgG to an acidic environment results in molecular modifications and in enhanced protective activity in sepsis.. The FEBS Journal, 277, 2010, 3039 - 3050. ISI IF:3.129

Цитира се в:

976. VS Jasion, BP Burnett. Survival and digestibility of orally-administered immunoglobulin preparations containing IgG through the gastrointestinal tract in humans. Nutrition journal. 2015, 14-22., **@2015**

977. Bruno Martins Alves, Luís Borlido, Sara A.S.L. Rosa, Marta F.F. Silva, Maria Raquel Aires-Barros, Ana C.A. Roque andAna M. Azevedo. Purification of human antibodies from animal cell cultures using gum arabic coated magnetic particles. Journal of Chemical Technology and Biotechnology. Volume 90, Issue 5, pages 838–846, May 2015., **@2015**

978. Saha Somdutta, Murali Ramachandran, Pashov Anastas, and Kieber-Emmons Thomas. The Potential Role of Solvation in Antibody Recognition of the Lewis Y Antigen Monoclonal Antibodies in Immunodiagnosis and Immunotherapy. October 2015, 34(5): 295-302., **@2015**

979. Hromadkova L, Kolarova M, Jankovicova B, Bartos A, Ricny J, Bilkova Z, Ripova D. Identification and characterization of natural antibodies against tau protein in an intravenous immunoglobulin product. J Neuroimmunol. 2015 Dec 15;289:121-9., **@2015**

324. **Tsekova, K**, **Todorova, D**, Dencheva, V., Ganeva, S.. Biosorption of copper(II) and cadmium(II) from aqueous solutions by free and immobilized biomass of Aspergillus niger B 77.. Bioresource Technology, 101, 2010, ISSN:0960-8524, 1727 - 1731. ISI IF:4.368

Цитира се в:

980. Dobson, J.R., Parker, H.L., Garcia, A.M.(…) Clark, J.H., Hunt, A.J. Bio-derived materials as a green route for perciuos & critical metal recovery and re-use. Green Chemistry, 2015, 17(4), 1951-1965., **@2015**

981. Kutzajowska-Zadrozna, M., Filipowska, U., Jóźwiak, T. Application of biosurfactants for heavy metals leaching from immobilized activated sludge. Archives of Environmental Protection, 2015, 41(1), 43-52., **@2015**

982. Rajput, V.D., Chen, Y. Biosorption of heavy metals using agrowaste: A Review. Pollution Research, 2015, 34(1), 31-38., **@2015**

983. Dai, Q., Deng, Y., Yang, L., Huang, Y. Flocculation characteristics of yeast cells after adsorbing Sr2+. Huanjing Kexue Xuebao/Acta Scieniae Crumstantiae, 2015, 35(6), 1786-1791., **@2015**

984. Younis, M.A., Nadeem, R., Rehman, A. (...), Younis, M.R., Manzoor, Q. Adsorption of Ag(I), Cr(VI) and Pb(II) from aqueous media onto different adsorbent types. Asian Journal of Chemistry, 2015, 27(9), 3308-3314., **@2015**

985. Khosravihaftkhany, S., Morad, N., Abdullah, A.Z., Teng, T.T., Ismail, N. Biosorption of Pb(II) and Fe(III) from aqueous co-solutions using chemically pretreated oil palm fronds. RSC Advances, 2015, 5(129), 106498-106508., **@2015**

986. Shahverdi, F., Ahmadi, M., Avazmoghadam, S.Faramarti, M.A. Comparative study of the kinetics and equilibrium of nickel(II) biosorption from aqueous solutions by free and immobilized biomass of Aspergillus awamori. Environmental Progress and Sustainable Energy, 2015, 34(5),1356-1364., **@2015**

2011

---

325. **Radchenkova, N**, Tomova, A, **Kambourova, M.**. Biosynthesis of an exopolysaccharide produced by Brevibacillus thermoruber 438. Biotechnology and Biotechnological Equipment, 2011, ISI IF:0.76

Цитира се в:

987. Chen, X., Wu, J., & Gui, X. (2015). Production and characterization of exopolysacchrides in mycelial culture of Cordyceps sinensis fungus Cs-HK1 with different carbon sources. Chinese Journal of Chemical Engineering.doi:10.1016/j.cjche.2015.06.016, **@2015**

326. **Atanasova N**, Kitayska T, **Bojadjieva I**, Yankov D. Tonkova A. A novel cyclodextrin glucanotransferase from alkaliphilic Bacillus pseudalcaliphilus 20RF: Purification and properties. Process Biochemistry, 2011, ISI IF:2.52

Цитира се в:

988. Ara K., Lundemo P., Fridjonsson O., Adlercreutz P., Karlsson E. A CGTase with high coupling activity using γ-cyclodextrin isolated from a novel strain clustering under the genus Carboxydocella. Glycobiology, 25 (5) : 514-523, 2015, **@2015**

989. Sivapragasam M. Abdullah N. Recovery of Cyclodextrin glucanotransferase (CGTase) using immobilized metal chelating affinity chromatography. Braz. J. Chem. Eng. 32 (1) : 43-52, 2015, **@2015**

990. Elbaz A., Sobhi A., ElMekawy A. Purification and characterization of cyclodextrin

β-glucanotransferase from novel alkalophilic bacilli. Bioprocess and Biosystems Engineering, 38 (4) : 767-776, 2015, **@2015**

991. Xuejian Yu, Jinshui Yang, Hongli Yuan. High efficiency transformation of stevioside into a single mono-glycosylated product using a cyclodextrin glucanotransferase from Paenibacillus sp. CGMCC 5316. World Journal of Microbiology and Biotechnology, 31 (12) : 1983-1991, 2015, **@2015**

327. **N. Christova**, B. Tuleva, R. Cohen, G. Ivanova, G. Stoev,, **M. Stoilova-Disheva,**, I. Stoineva. Chemical characterization, physical and biological activities of rhamnolipids produced by Pseudomonas aeruginosa BN10.. Z. Naturforschung., 66c, 7-8, 2011, ISSN:0939-5075, 394 - 405. ISI IF:0.772

Цитира се в:

992. Prabu, R., Kuila, A., Ravishankar, R., Choudary, N.V., Velankar, H.R. Microbial rhamnolipid production in wheat straw hydrolysate supplemented with basic salts. RSC Advances, 5 (64), 51642-51649., **@2015**

993. T. Tiso, A. Germer, B. Küpper, R. Wichmann, L.M. Blank. Methods for Recombinant Rhamnolipid Production. Protocol. Part of the series Springer Protocols Handbooks, pp 1-30., **@2015**

328. **Ivanovska, N**, **Dimitrova, P**. Bone resorption and remodeling in murine collagenase-induced osteoarthritis after administration of glucosamine.. Arthritis Res. Ther., 13, R44, 2011, 1 - 13. ISI IF:4.36

Цитира се в:

994. Yang T, Zhang J, Cao Y, Zhang M, Jing L, Jiao K, et al. Wnt5a/Ror2 mediates temporomandibular joint subchondral bone remodeling. J Dent Res 2015;94(6):803-812., **@2015**

329. Milena Popova, Boryana Trusheva, Daniela Antonova, Simone Cutajar, David Mifsud, Claude Farrugia, **Iva Tsvetkova**, **Hristo Najdenski**, Vassya Bankova. The specific chemical profile of Mediterranean propolis from Malta.. Food Chemistry, 126, 3, Elsevier, 2011, ISSN:0308-8146, DOI:10.1016/j.foodchem.2010.11.130, 1431 - 1435. ISI IF:3.458

Цитира се в:

995. Luis-Villaroya, A., Espina, L., García-Gonzalo, D., Bayarri, S., Pérez, C., & Pagán, R. (2015). Bioactive properties of a propolis-based dietary supplement and its use in combination with mild heat for apple juice preservation. International journal of food microbiology, 205, 90-97., **@2015**

996. Silva-Carvalho, R., Baltazar, F., & Almeida-Aguiar, C. (2015). Propolis: A Complex Natural Product with a Plethora of Biological Activities That Can Be Explored for Drug Development. Evidence-Based Complementary and Alternative Medicine, 2015., **@2015**

997. Alqarni, A. S., Rushdi, A. I., Owayss, A. A., Raweh, H. S., El-Mubarak, A. H., & Simoneit, B. R. (2015). Organic Tracers from Asphalt in Propolis Produced by Urban Honey Bees, Apis mellifera Linn. PloS one, 10(6), e0128311., **@2015**

998. Kalia, P., Kumar, N. R., & Harjai, K. (2015). The therapeutic potential of propolis against damage caused by Salmonella typhimurium in mice liver: A biochemical and histological study. Archives of Biological Sciences, (00), 40-40., **@2015**

330. Kitayska, Ts., **Petrova, P.**, Ivanova, V., Tonkova, A.. Purification and Properties of a New Thermostable Cyclodextrin Glucanotransferase from Bacillus pseudalcaliphilus 8SB. Applied Biochemistry and Biotechnology, 165, 5, Humana Press Inc, 2011, ISSN:0273-2289, DOI:10.1007/s12010-011-9346-4, 1285 - 1295. SJR:0.704, ISI IF:1.943

Цитира се в:

999. Xiay M., Li C.C., Genetic modification and high expression of cyclodextrin glycosyltransferase, China Biotechnology, 2015, vol. 3 (2)., **@2015**

1000. Ara K.Z., Lundemo P., Fridjonsson O.H., Hreggvidsson G.O., Adlercreutz P., Karlsson E.N., CGTase with high coupling activity using γ-cyclodextrin isolated from a novel strain clustering under the genus Carboxydocella, Glycobiology, 2015, vol. 25 (5): 514-523., **@2015**

1001. Wang J.-P., Liu B., Liu G.-H., Xiao R.-F., Zheng X.-F., Shi H., Ge C.-B., Draft Genome Sequence of Bacillus pseudalcaliphilus PN-137T (DSM 8725), an Alkaliphilic Halotolerant Bacterium Isolated from Garden Soils, Genome Announc. , 2015 vol. 3 no. 4 e00919-15., **@2015**

1002. Prado C.D., Seldin L., Silva R.G., Tardioli P.W. Influencia do pH na producao de ciclodextrina glicosiltransferase (CGTase) por Paenibacillus sp. F37, p. 2394-2401, In: Anais do XX Congresso Brasileiro de Engenharia Química - COBEQ 2014 [= Blucher Chemical Engineering Proceedings, v.1, n.2]. São Paulo: Blucher, 2015., **@2015**

331. Mantareva V., Angelov I., **Kussovski V.**, Dimitrov R., Lapok L., Wöhrle D.. Photodynamic efficacy of water-soluble Si(IV) and Ge(IV) phthalocyanines towards Candida albicans planktonic and biofilm cultures. Eur. J. Med. Chem, 46, 9, Elsevier Masson SAS., 2011, ISSN:02235234, DOI:10.1016/j.ejmech.2011.07.015, 4430 - 4440. ISI IF:3.346

Цитира се в:

1003. Baltazar LM, Ray A, Santos DA, Cisalpino PS, Friedman AJ and Nosanchuk JD (2015) Antimicrobial photodynamic therapy: an effective alternative approach to control fungal infections. Front. Microbiol. 6:202. doi: 10.3389/fmicb.2015.00202, **@2015**

1004. Yin R., M.R. Hamblin. Antimicrobial photosensitizers: Drug discovery under the spotlight. Current Medicinal Chemistry, 22, 2015, 18, 2159-2185., **@2015**

332. Yosifov, D., Todorov, P., **Zaharieva, M.**, Georgiev, K., Pilicheva, B., Konstantinov, S., Berger, M.. Erucylphospho-N,N,N-trimethylpropylammonium (erufosine) is a potential antimyeloma drug devoid of myelotoxicity. Cancer Chemotherapy and Pharmacology, 67, 1, Springer, 2011, ISSN:0344-5704, DOI:10.1007/s00280-010-1273-5, 13 - 25. ISI IF:2.833

Цитира се в:

1005. Mohamed Ahmed, I.A., M.E. Eltayeb, N. Mori, J. Arima, H. Tanaka, T. Taniguchi and N. Yamanaka (2015): Proteomic analysis of homocholine catabolic pathway in Pseudomonas sp. strain A9. Process Biochemistry. 50(11), 1735-1747. ISSN:1359-5113, doi:10.1016/j.procbio.2015.07.001, **@2015**

333. **Kostadinova, N.**, **Vassilev, S.**, **Spasova, B.**, **Angelova M.**. Cold stress in Antarctic fungi targets enzymes of the glycolytic pathway and tricarboxylic acid cycle. Biotechnology & Biotechnological Equipment, 25, 4, 2011, ISSN:1310-2818, DOI:10.5504/bbeq.2011.0122, 50 - 57. ISI IF:0.622

Цитира се в:

1006. Ma Z., Tan Y., Cui G. , Feng Y., Cui Q., Song X. (2015). Transcriptome and gene expression analysis of DHA producer Aurantiochytrium under low temperature conditions. Scientific Reports, 5, Article number 14446, **@2015**

1007. Moncheva P., Chipeva V., Encheva-Malinova M., Kenarova A. (2015). Soil microbial life of Livingston Island, The Antarctic. In: Bulgarian Antarctic Research. A synthesis. Pimpirev Christo, Chipev Nencho (Eds.), 274-296, St. Kliment Ohridski University Press, Sofia, **@2015**

1008. Joshi R., Karan R. , Singla-Pareek, Sneh L. Pareek A. 2015. Ectopic expression of Pokkali phosphoglycerate kinase-2 (OsPGK2-P) improves yield in tobacco plants under salinity stress. Plant Cell Reports, 1-15, **@2015**

1009. Paul S., Aggarwal Chetana, Jyoti Kumar Thakur, G. S. Bandeppa, Md. Aslam Khan, Lauren M. Pearson, Babnigg G., Giometti Carol S., Joachimiak A. (2015) Induction of Osmoadaptive Mechanisms and Modulation of Cellular Physiology Help Bacillus licheniformis Strain SSA 61 Adapt to Salt Stress. Current Microbiology, April 2015, 70, 4, pp 610-61, Date: 06 Jan 2015, **@2015**

1010. Kashyap Prem L., Rai A., Singh R., Srivastava A. (2015) Deciphering the salinity adaptation mechanism in Penicilliopsis clavariiformis AP, a rare salt tolerant fungus from mangrove. JOURNAL OF BASIC MICROBIOLOGY, DOI: 10.1002/jobm.201500552, **@2015**

1011. Qinsi Ma, Kai Jin, Guoxiong Peng, Yuxian Xia. (2015) An ENA ATPase, MaENA1, of Metarhizium acridum influences the Na+-, thermo- and UV-tolerances of conidia and is involved in multiple mechanisms of stress tolerance. Fungal Genetics and Biology, Volume 83, October 2015, Pages 68–77, **@2015**

334. **Dimitrova, P**, Toncheva, A, **Gyurkovska, V**, **Ivanovska, N**. Involvement of soluble receptor activator of nuclear factor-κB ligand (sRANKL) in collagenase-induced murine osteoarthritis and human osteoarthritis. Rheumatology International, 32, (5), Springer, 2011, 1317 - 1325. ISI IF:1.34

Цитира се в:

1012. Lü S, Wang Q, Li G, Sun S, Guo Y, Kuang H. The treatment of rheumatoid arthritis using Chinese medicinal plants: From pharmacology to potential molecular mechanisms. J Ethnopharmacol 2015;176:177-206., **@2015**

335. Grekova, S.P., Aprahamian, M., Daeffler, L., Leuchs, B., **Angelova, A.**, Giese, T., **Galabov, A.S.**, Heller, A., Giese, N.A., Rommelaere, J., **Raykov, Z.**. Interferon γ improves the vaccination potential of oncolytic parvovirus H-1PV for the treatment of peritoneal carcinomatosis in pancreatic cancer. Cancer Biology & Therapy, 12, 10, Taylor & Francis, 2011, DOI:doi: 10.4161/cbt.12.10.17678., 888 - 895. ISI IF:2.636

Цитира се в:

1013. Kaowinn, S., Cho, I.-R., Moon, J., (...), Koh, S.S., Chung, Y.-H. Document Pancreatic adenocarcinoma upregulated factor (PAUF) confers resistance to pancreatic cancer cells against oncolytic parvovirus H-1 infection through IFNA receptor-mediated signaling. 2015, Biochemical and Biophysical Research Communications, 459 (2), pp. 313-318, **@2015**

1014. Cho, I.-R., Kaowinn, S., Moon, J., (...), Koh, S.S., Chung, Y.-H. Document Oncotropic H-1 parvovirus infection degrades HIF-1α protein in human pancreatic

cancer cells independently of VHL and RACK1. 2015 International Journal of Oncology, 46 (5), pp. 2076-2082, **@2015**

336. Chernev G., Rangelova N., Djambaski P., Nenkova S., Salvado I., Fernandes M., **Kabaivanova L.**. Sol-gel silica hybrid biomaterials for application in biodegradation of toxic compounds.. J Sol-Gel Sci Technol, 58, 3, 2011, 619 - 624. ISI IF:1.632

Цитира се в:

1015. Wei Z., Thushara D., Liu Y., Zhang A., Deng S. Novel Pd-BTP/SiO2 as an Effective Heterogeneous Catalyst for Heck Reactions. Chemical Engineering Communications, DOI: 10.1080/00986445.2015.1039119, **@2015**

1016. Negahi Shirazi Ali Polymer Crosslinking: a new Strategy to Enhance Mechanical Properties and Structural Stability of Bioactive Glasses., The Sydney e-Scholarship Repository 2015, **@2015**

337. Boryana Trusheva, Milena Popova, Eko Budi Koendhori, **Iva Tsvetkova**, **Christo Naydenski**, Vassya Bankova. Indonesian propolis: Chemical composition, biological activity and botanical origin.. Natural Product Research, 25, 6, Taylor & Francis, 2011, ISSN:1478-6419, 606 - 613. ISI IF:1.009

Цитира се в:

1017. Pailee, P., Sangpetsiripan, S., Mahidol, C., Ruchirawat, S., & Prachyawarakorn, V. (2015). Cytotoxic and cancer chemopreventive properties of prenylated stilbenoids from Macaranga siamensis. Tetrahedron, 71(34), 5562-5571., **@2015**

1018. Silva-Carvalho, R., Baltazar, F., & Almeida-Aguiar, C. (2015). Propolis: A Complex Natural Product with a Plethora of Biological Activities That Can Be Explored for Drug Development. Evidence-Based Complementary and Alternative Medicine, 2015., **@2015**

1019. Saeed, F., Ahmad, R. S., Arshad, M. U., Niaz, B., Batool, R., Naz, R., & Ansar Rasul Suleria, H. (2016). Propolis to Curb Lifestyle Related Disorders: An Overview. International Journal of Food Properties, 19(2), 420-437., **@2015**

1020. 13. Schneiderova K., Smejkal K. (2015). Phytochemical profile of Paulownia tomentosa (Thunb) Steud. Phytochem. Rev., 14 (5), 799–833., **@2015**

338. Mantareva V., **Kussovski V.**, Angelov I., Whörle D., Dimitrov R., Popova E., Dimitrov, S. Non-aggregated Ga(III)-phthalocyanines in the photodynamic inactivation of planktonic and biofilm cultures of pathogenic microorganisms. Photochemical & Photobiological Sciences, 10, © The Royal Society of Chemistry and Owner Societies, 2011, ISSN:ISSN 1474-905X, DOI:10.1039/b9pp00154a, 91 - 102. ISI IF:2.267

Цитира се в:

1021. Osifeko O. L., M. Durmus, T. Nyokong. Physicochemical and photodynamic antimicrobial chemotherapy studies of mono- and tetra-pyridyloxy substituted indium (III) phthalocyanines. J. Photoch. Photobio A: Chem. 301 (2015) 47–54, **@2015**

1022. Spagnul C., L.C. Turner, R.W. Boyle, Immobilized Photosensitisers for antimicrobial applications, Journal of Photochemistry and Photobiology B: Biology (2015), **@2015**

1023. Miñán A. , C. Lorente, A. Ipiña, A. H. Thomas, M. F. L. de Mele, P. L. Schilardi

(2015) Photodynamic inactivation induced by carboxypterin: a novel non-toxic bactericidal strategy against planktonic cells and biofilms of Staphylococcus aureus, Biofouling: The Journal of Bioadhesion and Biofilm Research, 31:5, 459-468, **@2015**

1024. Carmello J.C., A. C. Pavarina, R. Oliveira, B. Johansson. Genotoxic effect of photodynamic therapy mediated by curcumin on Candida albicans. FEMS Yeast Res. 2015 Jun;15(4):fov018. doi: 10.1093/femsyr/fov018. Epub 2015 Apr 20., **@2015**

1025. Makhseed S., B.Ghazal, A. M. Abdelmoniem, V. Novakova, P. Zimcik, Photophysical and theoretical studies of peripherally halogenated octaphenoxyphthalocyanines. RSC Adv., 2015, 5, 58854-58864, **@2015**

1026. García I., S Ballesta, Y Gilaberte, A Rezusta, Á. Pascual. Antimicrobial photodynamic activity of hypericin against methicillin-susceptible and resistant Staphylococcus aureus biofilms. Future Microbiol., 10, 2015, 3, 347–356, **@2015**

1027. Song CJ., JM Park, W Yao, CY Jung, J Y Jaung. Synthesis and photophysical properties of silicon (IV) tetrapyrazinoporphyrazines axially substituted with ethylene glycol chains as potential photosensitizer. J. Porphyrins Phthalocyanines, 15, 2015, 1–6, **@2015**

1028. Grinholc M, Rodziewicz A, Forys K, Rapacka-Zdonczyk A, Kawiak A, Domachowska A, Golunski G, Wolz C, Mesak L,Becker K, Bielawski KP. Fine-tuning recA expression in Staphylococcus aureus for antimicrobial photoinactivation: importance of photo-induced DNA damage in the photoinactivation mechanism.Appl Microbiol Biotechnol. 2015 Nov;99(21):9161-76. doi: 10.1007/s00253-015-6863-z, **@2015**

1029. Planas O, Bresolí-Obach R, Nos J, Gallavardin T, Ruiz-González R, Agut M, Nonell S. Synthesis, photophysical characterization, and photoinduced antibacterial activity of methylene blue-loaded amino- and mannose-targeted mesoporous silica nanoparticles. Molecules. 2015 Apr 9;20(4):6284-98. doi: 10.3390/molecules20046284., **@2015**

1030. Staniford M., M.M. Lezhnina, M. Gruener, L. Stegemann, C. A. Strassert, R. Kuczius, V. Bleicher and U. Kynast, Chem. Photophysical efficiency-boost of aqueous aluminium phthalocyanine by hybrid formation with nano-clays. Chem. Commun., 2015, DOI: 10.1039/C5CC05352H., **@2015**

1031. Yin R., M.R. Hamblin. Antimicrobial Photosensitizers: Drug Discovery Under the Spotlight. Current Medicinal Chemistry, 2015, 22, (18): 2159-2185., **@2015**

339. Tomova, I., Dimitrova, D.,, **Stoilova-Disheva, M.**, **Lyutskanova, D**, **Kambourova, M.**. Archaeal diversity at two hot springs, Rupi basin, Bulgaria.. Biotechnology and Biotechnological Equipment, 2011, ISI IF:0.76

Цитира се в:

1032. Probst, A. J., & Moissl-Eichinger, C. (2015). "Altiarchaeales": Uncultivated Archaea from the Subsurface. Life, 5(2), 1381-1395., **@2015**

340. **Pashov, A.**, Monzavi-Karbassi, B., Kieber-Emmons, T.. Glycan-mediated immune responses to tumor cells. Hum Vaccin,, 7, 2011, 156 - 165. ISI IF:3.6

Цитира се в:

1033. Cancogni, D., et al. (2015). Major advances in the development of synthetic oligosaccharide-based vaccines. Polysaccharides: Bioactivity and Biotechnology,

Springer International Publishing: 2065-2116., **@2015**

341. Mantareva V., Angelov I., Wöhrle D., Dogandjiska V., Dimitrov R., **Kussovski V.**. Water-soluble phthalocyanine complexes of Ga(III) and In(III) in the photodynamic inactivation of pathogenic fungus. , 7747, 2011, DOI:10.1117/12.882065, 774712-1 - 774712-1. SJR:0.218

Цитира се в:

1034. Osifeko O. L., M. Durmus, T. Nyokong. Physicochemical and photodynamic antimicrobial chemotherapy studies of mono- and tetra-pyridyloxy substituted indium (III) phthalocyanines, J. Photoch. Photobio A: Chem. 301 (2015) 47–54, **@2015**

342. Velinov T., Asenovska Y., Marinkova D., Yotova L., **Stoitsova S.**, Bivolarska M., Stavitskaya L.. Total internal reflection imaging of microorganism adhesion using an oil immersion objective.. Colloids Surf B Biointerfaces., 88, 2011, ISSN:0927-7765, ISI IF:2.78

Цитира се в:

1035. X Wang, J Huang, F Wang, S Yuan, Field-distribution's CAD and characteristics of electrostatic immersion objective. In: International Conference on Logistics Engineering, Management and Computer Science (LEMICS 2015), 2015, Atlantis Press, **@2015**

343. **Georgiev V.**, Ivanov I., Berkov S., **Pavlov A.**. Alkaloids biosynthesis by Pancratium maritimum L. shoots in liquid culture. Acta Physiologiae Plantarum, 33, 3, 2011, 927 - 933. ISI IF:1.232

Цитира се в:

1036. Baskaran P., Kumari A., Naidoo D., Van Staden J. In vitro propagation and biochemical changes in Aloe pruinosa. Industrial Crops and Products. 77: 51–58, 2015., **@2015**

1037. Pourebad N., Motafakkerazad R., Kosari-Nasab M., Akhtar N.F., Movafeghi A. The influence of TDZ concentrations on in vitro growth and production of secondary metabolites by the shoot and callus culture of Lallemantia iberica. Plant Cell, Tissue and Organ Culture. 122(2): 331 – 339, 2015., **@2015**

1038. Giovino A., Domina G., Bazan G., Campisi P., Scibetta S. Taxonomy and conservation of Pancratium maritimum (Amaryllidaceae) and relatives in the Central Mediterranean. Acta Botanica Gallica (Botany Letters). 162(4): 289 - 299, 2015., **@2015**

1039. GÜMÜŞ, C. (2015). Kum zambağı (Pancratium maritimum L.) bitkisinde yapılan araştırmalar üzerinde bir inceleme. Derim, 32(1), 89-105. DOI: http://dx.doi.org/10.16882/derim.2015.37355. ISSN : 1300-3496, **@2015**

1040. Kumari, A., Baskaran, P., & Van Staden, J. (2016). In vitro propagation and antibacterial activity in Cotyledon orbiculata: a valuable medicinal plant. Plant Cell, Tissue and Organ Culture (PCTOC), 124(1), 97-104, **@2015**

344. Kostova I, Grigorov P, Balkansky S, **Stefanova T**. Synthesis, characterization and cytotoxicity of new Ho(III) and Er(III) complexes.. Indian Journal of Biotechnology, 10, 4, 2011, ISSN:09725849, 387 - 394. ISI IF:0.385

Цитира се в:

1041. Logu L, Kamatchi R, Rajmohan H, Manohar S, Gurusamy R, Deivanayagam E. In vitro antimicrobial and antioxidant evaluation of rare earth metal Schiff base complexes derived from threonine. Applied Organometalic Chemistry, 2015, 29:90-95. ISSN 02682605., **@2015**

345. Kurteva V., Simeonov S., **Stoilova-Disheva M**. Symmetrical acyclic aryl aldazines with antibacterial and antifungal activity. Pharmacology & Pharmacy, 2011, 1 - 9

Цитира се в:

1042. M Emirik, K Karaoğlu, K Serbest, U Çoruh, EMV Lopez .Two novel unsymmetrical ferrocene based azines and their complexing abilities towards Cu (II): Spectroscopy, crystal structure, electrochemistry and DFT calculations , 2015, Polyhedron, Elsevier., **@2015**

1043. Afsah E., Elmorsy S., Abdelmageed S. Synthesis of some new mixed azines, Schiff and Mannich bases of pharmaceutical interest related to isatin ,Zeitschrift für Naturforschung B,v.70(6),2015, **@2015**

1044. DD Shridevi, S Ningaiah, NU Kuduva, Yhya R.,Rai K. - Solvent Free Green Synthesis of Azines and Their Conversion to 2, 5-Disubstituted-1, 3, 4-thiadiazoles. Synthetic Communications: An International Journal for Rapid Communication of Synthetic Organic Chemistry, v.45, 24, 2015, **@2015**

1045. VR Rajewar, MK Dharmale and S.R. Pingalkar. Synthesis and Spectroscopic Investigation of Schiff Base Complexes of Lanthanides (III). Asian Journal of Chemistry, 27(8), 2865-2868, 2015, **@2015**

1046. P. Vijaya, K.R. Sankaran. A combined experimental and DFT study of a novel unsymmetrical azine 2-(4-methoxybenzylidene)-1-(1-(4-isobutylphenyl) ethylidene) hydrazine. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy. v.138, 460-473.2015, **@2015**

346. Hennings, L., Artaud, C., Jousheghany, F., Monzavi-Karbassi, B., **Pashov, A.**, Kieber-Emmons, T.. Carbohydrate Mimetic Peptides Augment Carbohydrate-Reactive Immune Responses in the Absence of Immune Pathology. , 3, 4, 2011, 4151 - 4169

Цитира се в:

1047. Díaz-Zaragoza, M., et al. (2015). "Comparison patterns of 4 T1 antigens recognized by humoral immune response mediated by IgG and IgM antibodies in female and male mice with breast cancer using 2D-immnunoblots." Immunobiology 220(9): 1050-1058., **@2015**

1048. Khasbiullina, N. R. and N. V. Bovin (2015). "Hypotheses of the origin of natural antibodies: A glycobiologist's opinion." Biochemistry (Moscow) 80(7): 820-835., **@2015**

347. **Gyurkovska, V**, Alipieva, K, Maciuk, A, **Dimitrova, P**, **Ivanovska, N**, **Georgiev, M**. Anti-inflammatory activity of Devil’s claw in vitro systems and their active constituents. Food Chemistry, 125, (1), 2011, 171 - 178. ISI IF:3.3

Цитира се в:

1049. Piątczak, E., Kuźma, Ł., Sitarek, P., & Wysokińska, H. (2015). Shoot organogenesis, molecular analysis and secondary metabolite production of micropropagated Rehmannia glutinosa Libosch. Plant Cell, Tissue and Organ Culture (PCTOC), 120(2), 539-549., **@2015**

1050. Choi, J. H., Kim, N. H., Kim, S. J., Lee, H. J., & Kim, S. (2015). Fucoxanthin Inhibits the Inflammation Response in Paw Edema Model through Suppressing MAPKs, Akt, and NFκB. Journal of biochemical and molecular toxicology., **@2015**

1051. Xing, S., Wang, M., Peng, Y., Dong, Y., & Li, X. (2015). Intestinal bacterial metabolism and anti-complement activities of three major components of the seeds of Entada phaseoloides. Journal of natural medicines, 69(2), 171-177., **@2015**

1052. Medina-Pérez, V., López-Laredo, A. R., Sepúlveda-Jiménez, G., Zamilpa, A., & Trejo-Tapia, G. (2015). Nitrogen deficiency stimulates biosynthesis of bioactive phenylethanoid glycosides in the medicinal plant Castilleja tenuiflora Benth. Acta Physiologiae Plantarum, 37(5), 1-8., **@2015**

1053. Akramas, L., Leonavičienė, L., Vasiliauskas, A., Bradūnaitė, R., Vaitkienė, D., Zabulytė, D., ... & Jonauskienė, I. (2015). Anti-inflammatory and anti-oxidative effects of herbal preparation EM 1201 in adjuvant arthritic rats. Medicina., **@2015**

348. Vacheva A., Mustafa B., Staneva J., Marhova M., Kostadinova S., Todorova M, Ivanova R., **Stoitsova S.**. Effects of extracts from medicinal plants on biofilm formation by Escherichia coli urinary tract isolates.. Biotechnol Biotechnol Equipment, 25, 2011, ISSN:1310-2818 (Print), 1314-3530 (Online), DOI:doi: 10.5504/BBEQ.2011.0111, 92 - 97. ISI IF:0.76

Цитира се в:

1054. D. Mogosanu, M.George; A. Grumezescu, K.-S. Huang, L.E. Bejenaru, C. Bejenaru, Prevention of Microbial Communities: Novel Approaches Based Natural Products. Curr. Pharmaceutical Biotechnol. 2015, 16, 94-111., **@2015**

349. **Bratchkova A.**, Ivanova V.. Bioactive metabolites produced by microorganisms, collected in Antarctica and Arctic. Biotechnol. & Biotechnol. Eq., 25, 4, 2011, ISSN:1310-2818, 1 - 7. ISI IF:0.76

Цитира се в:

1055. Gromek, S.M., West, A.M., Balunas M.J. Chapter 12. Off the Beaten Path. Natural products from extreme environments. Marine Biomedicine: From beach to bedside (Ed. Bill J. Baker), 341-375. ISBN 9781466582125, **@2015**

350. **Kabaivanova L. V.**, Chernev G. E., Miranda Salvado I. M., Fernandes M H.V.. Silica-carrageenan hybrids used for cell immobilization realizing high-temperature degradation of nitrile substrates.. Central European Journal of Chemistry, 2011, 232 - 239. ISI IF:1.073

Цитира се в:

1056. Xin-Hong Zhang, Zhi-Qiang Liu, Ya-Ping Xue, Ming Xu and Yu-Guo Zheng Nitrilase-catalyzed conversion of (R,S)-mandelonitrile by immobilized recombinant Escherichia coli cells harboring nitrilase. Biotechnology and Applied Biochemistry, **@2015**

1057. Plumejeau S., Alauzun G. J., Boury B., Hybrid metal oxide@biopolymer materials precursors of metal oxides and metal oxide-carbon composites. Journal of the Ceramic Society of Japan 123, 2015 1441, 695-708, **@2015**

351. **Gousterova A.**, Nustorova M., Paskaleva D., Naydenov M., Neshev G., **Vasileva-Tonkova E.**. Assessment of feather hydrolysate from thermophilic actinomycetes for soil amendment and biological control application.. International Journal of Environmental Research, 5, 2011, ISSN:1735-6865, 1065 - 1070. ISI IF:1.462

Цитира се в:

1058. Martínez-Alvarez O., Chamorro S., Brenes A. (2015) Protein hydrolysates from animal processing by-products as a source of bioactive molecules with interest in animal feeding: A review. Food Research International, 73, 204-212., **@2015**

1059. Mullen A.M., Alvares C., Pojic M., Hadnadev T.D., Papageorgiou M. (2015) Chapter 2: Classification and target compounds. In: Food Waste Recovery: Processing Technologies and Industrial Techniques (Charis M. Galanakis, Ed.), Academic Press, pp. 25-57., **@2015**

1060. Reddy N. (2015) Non-food industrial applications of poultry feathers. Waste Management, 45, 91-107., **@2015**

1061. Bhosale P.R., Gurav R.G., Jadhav J.P., Raut P.D. (2015) Improvisation of Pressmud by Organic Amendment and Its Effect on Soil Quality and Growth of Chilli, Capsicum annum. Proceedings of the National Academy of Sciences, India Section B: Biological Sciences, 1-9, DOI: 10.1007/s40011-015-0655-1, **@2015**

1062. Khalid A., Mahmood S. (2015). The biodegradation of azo dyes by actinobacteria. In Microbial Degradation of Synthetic Dyes in Wastewaters (pp. 297-314). Springer International Publishing., **@2015**

352. Susnea, I., Bernevic, B., Svobodova, E., **Simeonova, D.D.**, Wicke, M., Werner, C., Schink, B., Przybylski, M. Mass spectrometric protein identification from two-dimensional gel separation with stain-free detection and visualization using native fluorescence. INTERNATIONAL JOURNAL OF MASS SPECTROMETRY, 301, 1-3, ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS, 2011, ISSN:ISSN: 1387-3806, DOI:DOI: 10.1016/j.ijms.2010.06.003, 22 - 28. SJR:0.719, ISI IF:2.549

Цитира се в:

1063. Autofluorescence based visualization of proteins from unstained native-PAGE, **@2015**

1064. Genomic and proteomic approaches for dark fermentative biohydrogen production, **@2015**

353. **Vasileva-Tonkova E.**, **Sotirova A.**, Galabova D.. The effect of rhamnolipid biosurfactant produced by Pseudomonas fluorescens on model bacterial strains and isolates from industrial wastewater.. Current Microbiol., 62, 2011, ISSN:0343-8651, 427 - 433. ISI IF:1.815

Цитира се в:

1065. San Keskin N.O., Han D., Ozkan A.D., Angun P., Umu O.C.O., Tekinay T. (2015) Production and structural characterization of biosurfactant produced by newly isolated Staphylococcus xylosus STF1 from petroleum contaminated soil. Journal of Petroleum Science and Engineering, 133, 689-694., **@2015**

1066. Bolobajev J., Öncü N.B., Viisimaa M., Trapido M., Balcıoğlu I., Goi A. (2015) Column experiment on activation aids and biosurfactant application to the persulphate treatment of chlorophene-contaminated soil. Environmental Technology (United Kingdom), 36, 348-357., **@2015**

1067. Bezza F.A., Chirwa E.M.N. (2015) Biosurfactant-enhanced bioremediation of aged polycyclic aromatic hydrocarbons (PAHs) in creosote contaminated soil. Chemosphere, 144, 635-644., **@2015**

1068. Alexandre V.M.F., de Castro T.M.S., de Araújo L.V., Santiago V.M.J., de Cerqueira

A.C.F.P., Freire D.M.G., Cammarota M.C. (2015). Minimizing solid wastes in an activated sludge system treating oil refinery wastewater. Chemical Engineering and Processing: Process Intensification, doi:10.1016/j.cep.2015.10.021, **@2015**

354. **Abrashev R.**, **Krumova E.**, **Dishliska V.**, **Eneva R.**, **Engibarov S.**, **Abrashev I.**, **Angelova M.**. Differential effect of paraquat and hydrogen peroxide on the oxidative stress response in Vibrio cholerae non O1 26/06. Biotechnology and Biotechnological Equipment, 25, 4, 2011, 72 - 76. ISI IF:0.76

Цитира се в:

1069. Krůček T., Korandová M., Šerý M., Frydrychová R.C., Krůček T., Korandová M., Szakosová, K. Effect of low doses of herbicide paraquat on antioxidant defense in drosophila, 2015, Archives of Insect Biochemistry and Physiology, 88, 4, 235-248, **@2015**

355. Kaloyanova, S., **Ivanova, I.**, **Tchorbanov, A.**, **Dimitrova, P.**, Deligeorgiev, T.. Synthesis of chloro-substituted analogs of Thiazole Orange - fluorophores for flow cytometric analyses. J Photochem Photobiol B: Biology, 103, 2011, 215 - 221. ISI IF:2.814

Цитира се в:

1070. Fu, Y.L., Dong, S.Y., Zhou, Y.Z., Zhang, G., Yang, Q.C., Zhai, X., Wang, L.Y. The synthesis and spectral properties of some new monomethine cyanine dyes for live cell imaging. Bulletin of the Korean Chemical Society 2015, 36(2), 578-582., **@2015**

1071. Suwunwong, T., Chantrapromma, S., Fun, H.-K. Synthesis, fluorescence, TGA and crystal structure of thiazolyl-pyrazolines derived from chalcones. Optics and Spectroscopy (English translation of Optika i Spektroskopiya) 2015, 118(4), 563-573, **@2015**

1072. Gao, M., Lou, C., Zhu, N., (...), Han, L., Hong, H. Efficient, Iron-Catalyzed Synthesis of 2-Mercaptobenzothiazole Through S-Arylation/Heterocyclization of 2-Haloaniline with Potassium Xanthate. Synthetic Communications 2015, 45, 20, 2378-2385, **@2015**

356. Mantareva V., **Kussovski V.**, Angelov I., Dimitrov S.. Advance photodynamic inactivation of dental pathogenic microorganisms with water-soluble and cationic phthalocyanines. Science against microbial pathogens: communicating current research and technological advances, Mendez-Vilas (Ed.), 1, ©FORMATEX 2011, 2011, 650 - 661

Цитира се в:

1073. Mthethwa T., Nyokong T. Photoinactivation of Candida albicans and Escherichia coli using aluminium phthalocyanine on gold nanoparticles. Photochem. Photobiol. Sci., 2015, 14, 1346-1356, **@2015**

1074. Silva, Érika Ribeiro. "Estudo da cinética e dos mecanismos da fototransformação de corantes ciânicos com dois cromóforos em interação com sistemas biomiméticos sob a ação da luz visível." PhD diss., 2015.Universidade de São Paulo., **@2015**

357. **Marchev, A**, **Georgiev, V**, Ivanov, I, Badjakov, I, **Pavlov, A**. Two-phase temporary immersion system for Agrobacterium rhizogenes genetic transformation of Salvia tomentosa Mill. Biotechnology Letters, 33, 9, Springer, 2011, ISSN:1573-6776, DOI:10.1007/s10529-011-0625-5, 1873 - 1878. ISI IF:1.683

Цитира се в:

1075. Teneva-Angelova, T., Beshkova, D. (2015). Resistance profile of plant-derived lactic acid bacteria against herb extracts. Scientific Bulletin. Series F. Biotechnologies, 19, 109-116. ISSN 2285-1364, **@2015**

358. Ivanov, I., **Georgiev, V.**, **Georgiev, M.**, Ilieva, M., **Pavlov, A.**. Galanthamine and related alkaloids production by Leucojum aestivum L. shoot culture using a temporary immersion technology. Applied Biochemistry and Biotechnology, 136, 2011, ISSN:0273-2289, DOI:10.1007/s12010-010-9036-7, 268 - 277. ISI IF:1.735

Цитира се в:

1076. Gao, M., Jiang, W., Wei, S., Lin, Z., Cai, B., Yang, L., Luo, C., He, X., Tan, J., Chen, L. (2015). High-efficiency propagation of Chinese water chestnut [Eleocharis dulcis (Burm. f.) Trin. ex Hensch] using a temporary immersion bioreactor system. Plant Cell, Tissue and Organ Culture (PCTOC), 121(3), 761-772, **@2015**

359. **Petrova, P.**, Petrov, K.. Antimicrobial activity of starch-degrading Lactobacillus strains isolated from boza. Biotechnology & Biotechnological Equipment, 25, 4, Taylor and Francis Group, 2011, ISSN:1310-2818, DOI:10.5504/BBEQ.2011.0124, 114 - 116. SJR:0.196, ISI IF:0.76

Цитира се в:

1077. Panda S.H., Ray R.C. Amylolytic Lactic Acid Bacteria: Microbiology and Technological Interventions in Food Fermentation. In: Fermented Foods, Part I: Biochemistry and Biotechnology, 2015, Eds.: D. Montet, R. C. Ray, pp. 148-165, CRC Press, ISBN 9781498740814., **@2015**

1078. Nile S.H. The nutritional, biochemical and health effects of makgeolli – a traditional Korean fermented cereal beverage, Journal of the Institute of Brewing, 2015, wileyonlinelibrary.com, DOI 10.1002/jib.264, **@2015**

360. Stancheva, N., Weber, J., Schulze, J., Alipieva, K., Ludwig-Müller, J., Haas, C., **Georgiev, V.**, Bley, Th., **Georgiev, M.**. Phytochemical and flow cytometric analyses of Devil's claw cell cultures. , 105, 2011, ISSN:0167-6857, DOI:10.1007/s11240-010-9844-z, 79 - 84. ISI IF:2.125

Цитира се в:

1079. Grąbkowska, R., Matkowski, A., Grzegorczyk-Karolak, I., Wysokińska, H. (2016). Callus cultures of Harpagophytum procumbens (Burch.) DC. ex Meisn.; production of secondary metabolites and antioxidant activity. South African Journal of Botany, 103, 41-48. ISSN: 0254-6299, **@2015**

361. **Georgiev M.**, Alipieva K., Orhan I., **Abrashev R.**, Denev P., **Angelova M.**. Antioxidant and cholinesterases inhibitory activities of Verbascum xanthophoeniceum Griseb. and its phenylethanoid glycosides. Food Chemistry, 128, 1, Elsevier, 2011, ISSN:0308-8146, DOI:doi:10.1016/j.foodchem.2011.02.083, 100 - 105. SJR:1.683, ISI IF:3.655

Цитира се в:

1080. Gomez-Aguirre Y.A. Identificación Estructural de Compuestos Mayoritarios en Plantas Silvestres de Castilleja tenuiflora Benth y su Acumulación en Cultivos de Raíces in vitro. PhD thesis, 2015, Instituto Politecnico National, Morelos, Mexico., **@2015**

1081. Dias C., Rauter A.P. Carbohydrates and glycomimetics in Alzheimer's disease therapeutics and diagnosis, 2015, RSC Drug Discovery Series, 43, 180-208, **@2015**

362. Pavlova, K, **Rusinova-Videva, S**, Kuncheva, M, Kratchanova, M, Dimitrova, S. Synthesis and characterization of an exopolysaccharide from Antarctic yeast strain Cryptococcus laurentii AL100. Applied Biochemistry and Biotechnology, 163, 2011, 1038 - 1052. ISI IF:1.94

Цитира се в:

1082. Biofuels and value-added products from extremophiles. In: Advances in biotechnology, **@2015**

363. Dolashka P., Moshtanska V., Dolashki A., Velkova L., Rao G.S., **Angelova M.**, Betzel C., Voelter, W., Atanasov B.. Structural analysis and molecular modelling of the Cu/Zn-SOD from fungal strain Humicola lutea 103. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 83, 1, Elsevier, 2011, ISSN:1386-1425, 235 - 248. SJR:0.55, ISI IF:2.098

Цитира се в:

1083. Jiao L.-X., Hua C.-W., Xu, X.-X., Wang, J.-J., Zhao, R.-X. Cloning and bioinformatics analysis of Fe-SOD gene in alicyclobacillus acidoterrestris, 2015, Modern Food Science and Technology, 31, 3, 43-49, **@2015**

364. **Rusinova-Videva, S**, Pavlova, K, Georgieva, K. Effect of different carbon sources on biosynthesis of exopolysaccharide from Antarctic strain Cryptococcus laurentii AL62. Biotechnology and Biotechnological equipment, 25, 2011, 80 - 84. ISI IF:0.76

Цитира се в:

1084. Production and characterization of exopolysaccharides in mycelia culture of Cordyceps sinensis fungus Cs-HK1 with different carbon sources, **@2015**

1085. Exopolysaccharides from yeast: insight into optimal conditions for biosynthesis, chemical composition and functional properties-review, **@2015**

365. **Simeonov, I.**, Stoyanov, S.. Modelling and extremum seeking control of a cascade of two anaerobic bioreactors. INT. J. BIOAUTOMATION, 15, 1, Institute of Biophysics and Biomedical Engineering Bulgarian Academy of Sciences, 2011, ISSN:ISSN: 1314-2321 (on-line) 1314-1902 (print), 13 - 24. SJR:0.228

Цитира се в:

1086. Marin, C., Selisteanu, D., Popescu, D., & Roman, M. (2015, October). Adaptive optimal control of a Continuous Stirred Tank Bioreactor. In System Theory, Control and Computing (ICSTCC), 2015 19th International Conference on (pp. 49-54). IEEE., **@2015**

1087. Jimenez, J., Latrille, E., Harmand, J., Robles, A., Ferrer, J., Gaida, D., ... & Mendez-Acosta, H. (2015). Instrumentation and control of anaerobic digestion processes: a review and some research challenges. Reviews in Environmental Science and Bio/Technology, 14(4), 615-648., **@2015**

366. Ivanova A., J. Nechev, **I. Tsvetkova**, **H. Najdenski**, K. Stefanov, S. Popov. COMPOUNDS WITH ANTIBACTERIAL ACTIVITY FROM THE FRESHWATER ALGA Spirogyra crassa (L.) Kutz. Genetics and Plant Physiology, 1, 1-2, 2011, ISSN:1314-6394, 31 - 37

Цитира се в:

1088. Chowdhury, M.M.H, Kubra, K.. Hossain, M.B. Mustafa, M.G, Jainab, T. Karim, M.R,. Mehedy, M.E. (2015). Screening of antibacterial and antifungal activity of freshwater and marine algae as a prominent natural antibiotic available in Bangladesh. International Journal of Pharmacology, 11 (7), 828-833., **@2015**

2012

---

367. **Hristo Najdenski**, Marc Heyndrick, Lieve Herman, Hadewig Werbrouck, Els Van Coillie. Quantification of Yersinia enterocolitica in raw milk using qPCR.. Veterinary Microbiology, 160, Elsevier, 2012, ISSN:0378-1135, DOI:10.1016/j.vetmic.2012.06.013, 428 - 434. SJR:1.122, ISI IF:3.127

Цитира се в:

1089. Bancerz-Kisiel, A., & Szweda, W. (2015). Yersiniosis-zoonotic foodborne disease of relevance to public health. Annals of agricultural and environmental medicine: AAEM, 22(3), 397., **@2015**

1090. Zhou, C., Sun, C., Ruan, J., Zou, H., & Li, Y. (2015). Determination of Yersinia Enterocolitica in Food by Capillary Electrophoresis with Laser Induced Fluorescence Detection. Analytical Letters, (just-accepted)., **@2015**

368. Georgiev Y., Ognyanov M., Yanakieva I., **Kussovski V.**, Kratchanova M. Isolation, characterization and modification of citrus pectins.. J. BioSci. Biotech., 1, 3, 2012, ISSN:1314-6246, 223 - 233

Цитира се в:

1091. Liu B., Zheng S., Gao Y., Zhu X. Quantitative and structure analysis of pectin in tobacco by 13C CP / MAS NMR spectroscopy. Acta Tabacaria Sinica, 21, 2015, 2, 1-9, **@2015**

1092. Ogutu FO, Mu T, Elahi R, Zhang M, Sun H. Ultrasonic Modification of Selected Polysaccharides-Review. J Food Process Technol ., 6, 2015, 5: 446., **@2015**

1093. Petkova Z., G. Antova. Proximate composition of seeds and seed oils from melon (Cucumis melo L.) cultivated in Bulgaria. Cogent Food & Agriculture, 1, 2015, 1018779, **@2015**

1094. Zanella K., O.P. Taranto. Influence of the drying operating conditions on the chemical characteristics of the citric acid extracted pectins from ‘pera’ sweet orange (Citrus sinensis L. Osbeck) albedo and flavedo. Journal of Food Engineering. 166, 2015, 111-118, **@2015**

1095. Zhang W., P. Xu, H. Zhang. Pectin in cancer therapy: A review. Trends in Food Science & Technology 44, 2015, 258-271, **@2015**

1096. Mohamed HA, Mohamed BEW. Fractionation and physicochemical Properties of pectic substances extracted from grapefruit peels. J Food Process Technol., 6, 2015, 8, 473/1-6. doi: 10.4172/2157-7110.1000473, **@2015**

1097. Степанова Т.М. Инновационные идеи в технологии сладких желированных блюд на основе плодово-ягодного сырья. Вісник Національного технічного університету «ХПІ». Серія: Нові рішення у сучасних технологіях, [S.l.], 39, 2015, 108-114., **@2015**

369. **Sotirova A , Avramova T. , Stoitsova S. , Lazarkevich I.,**, **Stoitsova S.**, **Lazarkevich I**, **Galabova D.**. The importance of rhamnolipid- biosurfactant induced changes in bacterial membrane lipids of Bacillus subtilis for the antimicrobial activity of thiosulfonates. , 2012, ISI IF:1.52

Цитира се в:

1098. Kim, L.H., Jung, Y., Kim, S.-J., Kim, C.-M., Yu, H.-W., Park, H.-D., Kim, I.S. Use of rhamnolipid biosurfactant for membrane biofouling prevention and cleaning. Biofouling, 2015, 31, 211-220., **@2015**

1099. Yan, Fujie, et al. Rhamnolipids induce oxidative stress responses in cherry tomato fruit to Alternaria alternata. Pest management science (2015)., **@2015**

1100. Yan, Fujie, et al. Biocontrol of post-harvest Alternaria alternata decay of cherry tomatoes with rhamnolipids and possible mechanisms of action. Journal of the Science of Food and Agriculture, 2015, 95, 1469-1474., **@2015**

1101. Deepika, K. V., P. Ramu Sridhar, and P. V. Bramhachari. "Characterization and antifungal properties of rhamnolipids produced by mangrove sediment bacterium Pseudomonas aeruginosa strain KVD-HM52." Biocatalysis and Agricultural Biotechnology (2015)., **@2015**

370. Kapoor, V., **Zaharieva, M.M.**, Das, S.N., Berger, M.R.. Erufosine simultaneously induces apoptosis and autophagy by modulating the Akt-mTOR signaling pathway in oral squamous cell carcinoma. Cancer Letters, 319, 1, ELSEVIER, 2012, ISSN:03043835, DOI:10.1016/j.canlet.2011.12.032, 39 - 48. ISI IF:4.258

Цитира се в:

1102. Pontes, H.A.R., F.S.C. Pontes, A.S. de Jesus, M.C.P. Soares, F.L.N. GonГ§alves, T. de Lucena Botelho, J. do Carmo Ribeiro and D. dos Santos Pinto (2015): p-Akt and its relationship with clinicopathological features and survival in oral squamous cell carcinoma: An immunohistochemical study. Journal of Oral Pathology and Medicine. 44(7), 532-537. ISSN:09042512, doi: 10.1111/jop.12268, **@2015**

1103. Liu, N., J. Huang, S. Sun, Z. Zhou, J. Zhang, F. Gao and Q. Sun (2015): Expression of matrix metalloproteinase-9, cyclooxygenase-2 and vascular endothelial growth factor are increased in gastrointestinal stromal tumors. International Journal of Clinical and Experimental Medicine. 8(4), 6495-6501. ISSN:19405901, **@2015**

371. Dineva, I.K., **Zaharieva, M.M.**, Konstantinov, S.M., Eibl, H., Berger, M.R.. Erufosine suppresses breast cancer in vitro and in vivo for its activity on PI3K, c-Raf and Akt proteins. Journal of Cancer Research and Clinical Oncology. Journal of Cancer Research and Clinical Oncology, 138, 11, Springer, 2012, ISSN:1432-1335 (Electronic), 0171-5216 (Linking), DOI:10.1007/s00432-012-1271-6, 1909 - 1917. ISI IF:2.914

Цитира се в:

1104. Gontijo, V.S., M.E. Oliveira, R.J. Resende, A.L. Fonseca, R.R. Nunes, M.C. JГєnior, A.G. Taranto, N.M.P.O. Torres, G.H.R. Viana, L.M. Silva, R.B. Alves, F.P. Varotti and R.P. Freitas (2015): Long-chain alkyltriazoles as antitumor agents: Synthesis, physicochemical properties, and biological and computational evaluation. Medicinal Chemistry Research. 24(1), 430-441. ISSN:10542523, DOI:10.1007/s00044-014-1137-3, **@2015**

1105. Timko, L., E. Fischer-Fodor, M. Garajova, M. Mrva, G. Chereches, F. Ondriska, M.

Bukovska, M. Lukovac, J. Karlovsky, J. Kubincova and F. DevГinsky (2015): Synthesis of structural analogues of hexadecylphosphocholine and their antineoplastic, antimicrobial and amoebicidal activity. European Journal of Medicinal Chemistry. 93, 263-273. ISSN:02235234, doi:10.1016/j.ejmech.2015.02.014, **@2015**

1106. Faustino-Rocha, A., R. Ferreira, P. Oliveira, A. Gama and M. Ginja (2015): N-Methyl-N-nitrosourea as a mammary carcinogenic agent. Tumor Biology, 1-23. ISSN:1010-4283, DOI:10.1007/s13277-015-3973-2, **@2015**

372. **Slavchev G**, **Markova N**. Unique biological properties of Mycobacterium tuberculosis L-form variants: impact for survival under stress. INTERNATIONAL MICROBIOLOGY, 15, 2012, ISSN:1139-6709, DOI:10.2436/20.1501.01.159, 61 - 68. ISI IF:2.556

Цитира се в:

1107. Fu Y-R, Gao K-S, Ji R, Yi Z-J. Differential Transcriptional Response in Macrophages Infected with Cell Wall Deficient versus Normal Mycobacterium Tuberculosis. International Journal of Biological Sciences, 2015; 11(1):22-30., **@2015**

373. **Tsvetanova Z.G.**, **Dimitrov D.N.**. Biofilms and bacteriological water quality in a domestic installation model simulating daily drinking water consumption. Water Science & Technology: Water Supply, 12, 6, IWA Publishing, 2012, ISSN:ISSN Print: 0273-1223 | ISSN Online: 1607-0798, DOI:DOI: 10.2166/ws.2012.048, 720 - 726. ISI IF:0.394

Цитира се в:

1108. Mimoso, J., Pronk, W., Morgenroth, E., & Hammes, F. (2015). Bacterial growth in batch-operated membrane filtration systems for drinking water treatment. Separation and Purification Technology, 156 (2), 165-174., **@2015**

1109. Kowalski, D., Kowalska, B., Hołota, E., & Choma, A. (2015). Water Quality Correction Within Water Distribution System. Ecological Chemistry and Engineering S, 22 (3), 401-410., **@2015**

1110. Philippou, J. (2015). Quality considerations from integrating desalinated water into existing water infrastructure. Desalination and Water Treatment, 55 (13), 1-8, DOI:10.1080/19443994.2014.1002990, **@2015**

374. Istatkova, R., Nikolaeva-Glomb, L., **Galabov, A.S.**, Yadamsuren, G.O., Samdan, J., Dangaa, S., Philipov, S.. Chemical and antiviral study on alkaloids from Papaver pseudocanescens M. Pop. Zeitschrift fur Naturforschung - Section C Journal of Biosciences, 67, (1-2), 2012, ISSN:0939-5075, 22 - 28. ISI IF:0.552

Цитира се в:

1111. Hao, D.C., Gu, X.-J., Xiao, P.G. Chemistry, Biology and Omics (Book) 2015 Medicinal Plants: Chemistry, Biology and Omics, **@2015**

1112. Todorov, D., Shishkova, K., Dragolova, D., (...), Kapchina-Toteva, V., Shishkov, S. Antiviral activity of medicinal plant Nepeta nuda 2015 Biotechnology and Biotechnological Equipment, 29, pp. S39-S43, **@2015**

1113. Do Nascimento, R.F., De Sales, I.R.P., De Oliveira Formiga, R., (...), De Fátima Formiga Melo Diniz, M., Batista, L.M. Activity of alkaloids on peptic ulcer: What's new? 2015 Molecules, 20 (1), pp. 929-950, **@2015**

375. **Slavchev G**, **Markova N**. Filterable forms and L-forms of Mycobacterium bovis BCG: impact for live vaccine features. Human Vaccines & Immunotherapeutics, 8, 6, Taylor & Francis Group, 2012, ISSN:1618-1905, 759 - 764. ISI IF:3.136

Цитира се в:

1114. Wang DN et al.Salmonella L-forms: formation in human bile in vitro and isolation culture from patients' gallbladder samples by a non-high osmotic isolation technique. Clinical Microbiology and Infection 2015; 470.e9–470.e16, **@2015**

376. **Markova N**. Recurrent Sepsis Due To Bacillus Licheniformis.. J Glob Infect Dis, 4, 1, Medknow Publications & Media Pvt. Ltd (India), 2012, ISSN:0974-8245, DOI:10.4103/0974-777X.93768, 82 - 83

Цитира се в:

1115. The lifestyle of prokaryotic organisms influences the repertoire of promiscuous enzymes MA Martínez-Núñez… - Proteins: Structure 83 (9):1625-1631, 2015, **@2015**

1116. Characterization and Application of Biosurfactant Produced by Bacillus licheniformis R2 SJ Joshi, SJ Geetha, AJ Desai - Applied biochemistry and biotechnology, 177 (2): 346-361, 2015, **@2015**

1117. Turenne C, Snyder J, Alexander D. 2015. Bacillus and Other Aerobic Endospore-Forming Bacteria*, p 441-461. In Jorgensen J, Pfaller M, Carroll K, Funke G, Landry M, Richter S, Warnock D (ed), Manual of Clinical Microbiology, 11th Edition. ASM Press, Washington, DC. doi: 10.1128/9781555817381.ch26, **@2015**

377. **Petrova P.**, Petrov, K.. Direct starch conversion into L (+) lactic acid by a novel amylolytic strain of Lactobacillus paracasei B41. Starch-Starke, 65, 1, WILEY-VCH Verlag GmbH & Co, 2012, ISSN:0038-9056, DOI:10.1002/star.201100074, 10 - 17. SJR:0.47, ISI IF:1.22

Цитира се в:

1118. Panda S.H., Ray R.C. Amylolytic Lactic Acid Bacteria: Microbiology and Technological Interventions in Food Fermentation. In: Fermented Foods, Part I: Biochemistry and Biotechnology, 2015Eds.: D. Montet, R. C. Ray, pp. 148-165, CRC Press, ISBN 9781498740814., **@2015**

1119. Благоева Г. Селекция и молекулярно характеризиране на амилолитични млечнокисели бактерии за приложение в ХВП" Дисертация за прписъждане на образователна и научна степен «Доктор», катедра «Биотехнология»,УХТ, Пловдив, **@2015**

1120. Poudel P., Tashiro Y., Miyamoto Hir., Miyamoto His., Okugawa Y., Sakai K. Direct starch fermentation to l-lactic acid by a newly isolated thermophilic strain, Bacillus sp. MC-07, J. Ind. Microbiol. Biotechnol., 2015, vol. 42 (1), 143-149, **@2015**

1121. Smerilli M., Neureiter M., Wurz S., Haas C., Frühauf S., Fuchs W. Direct fermentation of potato starch and potato residues to lactic acid by Geobacillus stearothermophilus under non-sterile conditions, Journal of Chemical Technology and Biotechnology, 2015, vol. 90 (4), 648-657., **@2015**

378. **Tsvetanova Z.G.**, Hoekstra E.J.. Assessment of microbial growth potential of PVC flexible tubing in contact with drinking water. Water Science & Technology: Water Supply, 12, 4, IWA Publishing, 2012, ISSN:ISSN Print: 0273-1223 | ISSN Online: 1607-0798, DOI:DOI:

10.2166/ws.2012.022, 489 - 495. ISI IF:0.394

Цитира се в:

1122. Kowalski, D., Kowalska, B., Hołota, E., & Choma, A. (2015). Water Quality Correction Within Water Distribution System. Ecological Chemistry and Engineering S. Volume 22, Issue 3, Pages 401–410, ISSN (Online) 1898-6196, DOI: 10.1515/eces-2015-002, **@2015**

379. Kostova I, **Stefanova T**. New gallium (III) complex - synthesis, spectral characterization and cytotoxicity. Indian Journal of pure and applied physics, 50, 8, 2012, ISSN:00195596, 547 - 554. ISI IF:0.763

Цитира се в:

1123. Tai X-S, Jie Y. Synthesis, crystal structure and antibacterial activity of Mg (II) complex [Mg(H2O)6].(4-amino-3-methylbenzenesulfonate)2. Crystals, 2015, 5:294-301. ISSN 20734352, **@2015**

380. Beshkova, D., Frengova, G.. Bacteriocin from lactic acid bacteria: microorganisms of potential biotechnological importance for dairy industry. Engineering in Life Science, 12, 4, WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, 2012, ISSN:ISSN: 1618-2863, DOI:DOI: 10.1002/elsc.201100127, 419 - 432. SJR:0.756

Цитира се в:

1124. Mehidi, N.B.N. Recherche de bactériocines produites par les bactéries lactiques isolées du lait de chamelle. Diplôme Master, 2015, 1-58. Faculté des Sciences de la Nature et de la Vie et Sciences de la Terre et de l'Univers Département d'Agronomie Mémoire. Université Abou Berk Belkaid, Tlemcen Algérie, **@2015**

1125. Özogul, F., Tabanelli, G., Toy, N., Gardini F. The Impact of Cell-Free Supernatant of Lactic Acid Bacteria on Putrescine and other Polyamine Formation by Food-Borne-Pathogens in Ornithine Decarboxylase Broth. Journal of Agroculture and Food Chemistry, 2015, 63, 24, 5828-5835., **@2015**

1126. Yang Y., Li P., Xu Y., Guo H., Guo M., Cao Y., Qiao D., Xu H. Isolation and identification of antimicrobial peptides-producing lactic acid bacteria and optimization of the culture conditions. Chinese Journal of Applied and Environmental Biology, 2015, 20,817-824., **@2015**

381. Ivanov I., **Georgiev V.**, Berkov S., **Pavlov A.**. Alkaloid patterns in Leucojum aestivum shoot culture cultivated at temporary immersion conditions.. Journal of Plant Physiology, 169, 2012, 206 - 211. ISI IF:2.971

Цитира се в:

1127. Shawky, E., Abou-Donia, A.H., Darwish, F.A., Toaima, S.M., Takla, S.S., Pigni, N.B., Bastida, J. HPTLC and GC/MS study of amaryllidaceae alkaloids of two narcissus species. Chemistry and Biodiversity. 12(8): 1184 – 1199, 2015., **@2015**

1128. Saliba S., Ptak A., Laurain-Mattar D. 4'-O-Methylnorbelladine feeding enhances galanthamine and lycorine production by Leucojum aestivum L. shoot cultures. Engineering in Life Sciences, 15(6): 640 - 645, 2015., **@2015**

1129. Diamond, A., Desgagné-Penix, I. (2015). Metabolic engineering for the production of plant isoquinoline alkaloids. Plant biotechnology journal. DOI: 10.1111/pbi.12494.

ISSN: 1467-7652, **@2015**

382. Espinoza-Quinones, F.R., Modenes, A. N., Theodoro, P. S., Palacio, S. M., Trigueros, D. E. G., Borba, C. E., Abugderah, M. M., **Kroumov, A. D.**. Optimization of the iron electro-coagulation process of Cr, Ni, Cu, and Zn galvanization by-products by using response surface methodology. Separation Science and Technology, 47, 5, Taylor & Francis, 2012, ISSN:0149-6395, DOI:10.1080/01496395.2011.629396, 688 - 699. ISI IF:1.088

Цитира се в:

1130. Jagati, V.S., V.C. Srivastava and B. Prasad (2015): Multi-Response Optimization of Parameters for the Electrocoagulation Treatment of Electroplating Wash-Water using Aluminum Electrodes. Separation Science and Technology (Philadelphia). 50(2), 181-190. ISSN:01496395, DOI: 10.1080/01496395.2014.954672, **@2015**

1131. Güçlü, D. (2015): Optimization of electrocoagulation of pistachio processing wastewaters using the response surface methodology. Desalination and Water Treatment. 54(12), 3338-3347. ISSN:19443994, DOI: 10.1080/19443994.2014.907752, **@2015**

383. L. Georgiev, M. Chochkova, G. Ivanova, **H. Najdenski**, M. Ninova, T. Milkova. Radical scavenging and antimicrobial activities of cinnamoyl amides of biogenic monoamines. Rivista Italiana delle Sostanze Grasse, 89, 2, 2012, ISSN:0035-6808, 91 - 102. ISI IF:0.302

Цитира се в:

1132. Andrade, M., Benfeito, S., Soares, P., e Silva, D. M., Loureiro, J., Borges, A., ... & Simões, M. (2015). Fine-tuning of the hydrophobicity of caffeic acid: studies on the antimicrobial activity against Staphylococcus aureus and Escherichia coli. RSC Advances, 5(66), 53915-53925., **@2015**

1133. Cho, J. G., Huh, J., Jeong, R. H., Cha, B. J., Shrestha, S., Lee, D. G., ... & Baek, N. I. (2015). Inhibition effect of phenyl compounds from the Oryza sativa roots on melanin production in murine B16-F10 melanoma cells. Natural product research, 29(11), 1052-1054., **@2015**

1134. Sun, J., Song, Y. L., Zhang, J., Huang, Z., Huo, H. X., Zheng, J., ... & Tu, P. F. (2015). Characterization and Quantitative Analysis of Phenylpropanoid Amides in Eggplant (Solanum melongena L.) by High Performance Liquid Chromatography Coupled with Diode Array Detection and Hybrid Ion Trap Time-of-Flight Mass Spectrometry. Journal of agricultural and food chemistry, 63(13), 3426-3436., **@2015**

1135. Cho, M. H., & Lee, S. W. (2015). Phenolic Phytoalexins in Rice: Biological Functions and Biosynthesis. International journal of molecular sciences, 16(12), 29120-29133., **@2015**

384. Gesheva V., **Vasileva-Tonkova E.**. Production of enzymes and antimicrobial compounds by halophilic Antarctic Nocardioides sp. grown on different carbon sources.. World J. Microbiol. Biotechnol., 28, 5, 2012, 2069 - 2076. ISI IF:1.262

Цитира се в:

1136. Giddings L.A., Newman D.J. (2015) Bioactive compounds from terrestrial extremophiles. In Bioactive Compounds from Terrestrial Extremophiles, Springer International Publishing, pp. 1-75., **@2015**

1137. Tonial F., Maia B.H.L.N.S., Gomes-Figueiredo J.A., Sobottka A.M., Bertol C.D.,

Nepel A., Savi D.C., Vicente V.A., Gomes R.R., Glienke C.(2015) Influence of Culturing Conditions on Bioprospecting and the Antimicrobial Potential of Endophytic Fungi from Schinus terebinthifolius. Current Microbiology, DOI: 10.1007/s00284-015-0929-0, **@2015**

385. **Kostadinova N**, **Krumova E.**, **Stefanova Ts.**, **Dishlijska V.**, **Angelova M.**. Transient cold shock induces oxidative stress events in Antarctic fungi. Oxidative stress/Book 1, InTech, 2012, ISBN:979-953-307-574-6, 75 - 98

Цитира се в:

1138. Moncheva P., Chipeva V., Encheva-Malinova M., Kenarova A. (2015). Soil microbial life of Livingston Island, The Antarctic. In: Bulgarian Antarctic Research. A synthesis. Pimpirev Christo, Chipev Nencho (Eds.), 274-296, St. Kliment Ohridski University Press, Sofia, **@2015**

386. Vacheva A., Georgieva R., **Danova S.**, Ivanova R., Marhova M., Kostadinova S., Vasileva K., Bivolarska M., **Stoitsova S.**. Modulation of Escherichia coli biofilm growth by cell-free spent cultures from lactobacilli.. Central Eur J Biology, 2012, ISSN:SSN: 1895-104X (Print) 1644-3632 (Online), DOI:doi: 10.2478/s11535-012-0004-9, 219 - 229. ISI IF:0.818

Цитира се в:

1139. BR Rovcanin, T Cebovic, D Stesevic, D Kekic, M Ristic, Antibacterial effect of Herniaria hirsute, Prunus avium, Rubia tinctorum and Sempervivum tectorum plant etracts on multiple antibiotic resistant Escherichia coli. Biosci. J., Uberlandia, 2015, 31, 1852-1861., **@2015**

387. **Krumova E.T**, **Stoitsova S.R.**, **Paunova-Krasteva T.S**, Pashova S.B., **Angelova M.B.**. Copper stress and filamentous fungus Humicola lutea 103 - ultrastructural changes and activities of key metabolic enzymes.. Canadian Journal of Microbiology, 58, 12, 2012, DOI:10.1139/w2012-112, 1335 - 1343. ISI IF:1.363

Цитира се в:

1140. Zhao W., Han J., Long D. Effect of copper−induced oxidative stress on sclerotial differentiation, endogenous antioxidant contents, and antioxidative enzyme activities of Penicillium thomii PT95 Annals of Microbiology, 2015, 65, 3, 1505-1514, **@2015**

388. **Georgiev, V.**, Ivanov, I., Berkov, S., Ilieva, M., **Georgiev, M.**, Gocheva, T., **Pavlov, A.**. Galanthamine production by Leucojum aestivum L. shoot culture in a modified bubble column bioreactor with internal sections. Engineering in Life Sciences, 12, 2012, ISSN:1618-2863, DOI:10.1002/elsc.201100177, 534 - 543. ISI IF:2.485

Цитира се в:

1141. Shawky, E., Abou-Donia, A. H., Darwish, F. A., Toaima, S. M., Takla, S. S., Pigni, N. B., Bastida, J. (2015). HPTLC and GC/MS Study of Amaryllidaceae Alkaloids of Two Narcissus Species. Chemistry & biodiversity, 12(8), 1184-1199. ISSN: 1612-1880, **@2015**

389. **Marchev, A**, **Georgiev, V**, Ivanov, I, **Pavlov, A**. Cultivation of diploid and tetraploid hairy Roots of Datura stramonium L. in stirred tank bioreactor for tropane alkaloid production. Journal of Bioscience and Biotechnology, 1, 3, 2012, ISSN:1314-6246, 211 - 216

Цитира се в:

1142. Hairy root biotechnology—indicative timeline to understand missing links and future outlook, **@2015**

390. **Simeonov I.**, Diop S., Kalchev B., **Chorukova E.**, Christov N.. Design of software sensors for unmeasurable variables of anaerobic digestion processes. New trends in microbiology (65th Anniversary of the Stephan Angeloff Institute of Microbiology), 2012, ISBN:978-954-92882-1-6, 307 - 331

Цитира се в:

1143. Baverel, M., & Normand-Cyrot, D. (2015). Bilan d'activités de la division Systèmes (Doctoral dissertation, CNRS)., **@2015**

391. Vacheva A, Ivanova R, **Paunova-Krasteva T**, **Stoitsova S**. Released products of pathogenic bacteria stimulate biofilm formation by Escherichia coli K-12 strains. Antonie Van Leeuwenhoek, 102, 1, 2012, DOI:doi: 10.1007/s10482-012-9718-y, 105 - 109. ISI IF:1.673

Цитира се в:

1144. А.И. Хавкин, О.Н. Комарова, Продукты метаболизма кишечной микрофлоры: возможна ли избирательная коррекция? Вопросы современной педиатри, 14(2), 2015, 212-218., **@2015**

1145. E. Giaouris, E,. Heir, M. Desvaux, M. Hebraud, T. Moretro, S. Langsrud, A. Doulgeraki, G-J Nychas, M. Kacaniova, K. Czaczyk, H. Olmez, M Simoes, Intra- and inter-species interactions within biofilms of important foodborne bacterial pathogens. Frontiers in Microbiology 2015, 6, Article 841., **@2015**

392. Fregolino E., Ivanova R., Molinaro A., Parrilli M., **Paunova-Krasteva T**, **S t o i t s o v a SR.**, De Castro C.. Occurrence and structure of cyclic Enterobacterial Common Antigen in Escherichia coli O157:H(-).. Carbohydrate Research, 363, 2012, DOI:doi: 10.1016/j.carres.2012.09.017., 29 - 32. ISI IF:2.044

Цитира се в:

1146. T. Gozdziewicz, J. Lukasiewicz, C. Lugowski, The structure and significance of enterobacterial common antigen (ECA), Postepy Hig Med Dosw (online), 2015, 69, 1003-1012., **@2015**

393. Dobrikov, G., **Valcheva, V.**, **Stoilova-Disheva, M.**, Momekov, G., Tzvetkova, P., Chimov, A, Dimitrov, V.. Synthesis and in vitro antimycobacterial activity of compounds derived from (R)- and (S)-2-amino-1-butanol - The crucial role of the configuration.. European Journal of Medicinal Chemistry, 48, 2012, ISSN:ISSN 0223-5234, 45 - 56

Цитира се в:

1147. Facchinetti V. and all.Evaluation of (2S,3R)-2-(amino)-[4-(N-benzylarenesulfonamido) -3-hydroxy-1-phenylbutane derivatives: a promising class of anticancer agents., 2015, Current Medicinal Chemistry, 2015,v. 24, 2, 533-542, **@2015**

1148. Fernandes F., Jornada H. and all. Current Advances in Antitubercular Drug Discovery: Potent Prototypes and New Targets. Current Medicinal Chemistry, 2015, 22, 27., **@2015**

394. **N. Christova,**, B. Tuleva, A. Kril, M. Georgieva,, S. Konstantinov, I. Terziyski, B. Nikolova and I. Stoineva.. Chemical structure and in vitro antitumor activity of rhamnolipids from Pseudomonas aeruginosa BN10.. Applied Biochemistry and Biotechnolog, 170, 2013, ISSN:0273-2289, 676 - 689. ISI IF:1.687

Цитира се в:

1149. Inès, M., Dhouha, G. Glycolipid biosurfactants: Potential related biomedical and biotechnological applications. Carbohydrate Research , 416, 59-69., **@2015**

1150. S. Dwivedi, Q. Saquib, A. A. Al-Khedhairy, J. Ahmad, M. A. Siddiqui, J. Musarrat. Rhamnolipids functionalized AgNPs-induced oxidative stress and modulation of toxicity pathway genes in cultured MCF-7 cells. Colloids and Surfaces B: Biointerfaces, 132, 290–298., **@2015**

395. **NAJDENSKI, H.**, L. Gigova, I. Iliev, P. Pilarski, J. Lukavský, **I. Tsvetkova**, M. Ninova, **V. Kusssovski**. Antibacterial and antifungal activity of selected microalgae and cyanobacteria.. International Journal of Food Science & Technology, 48, 7, 2013, ISSN:1365-2621, 1533 - 1540. ISI IF:1.354

Цитира се в:

1151. Bastidas-Oyanedel, J. R., Bonk, F., Thomsen, M. H., Schmidt, J. E. Dark fermentation biorefinery in the present and future (bio) chemical industry. Reviews in Environmental Science and Bio/Technology, 14, 2015, 3, 473-498, **@2015**

1152. Lamprinou, V., Tryfinopoulou, K., Velonakis, E. N., Vatopoulos, A., Antonopoulou, S., Fragopoulou, E., Pantazidou P., Economou-Amilli, A. Cave Cyanobacteria showing antibacterial activity. International Journal of Speleology, 44, 2015, 231-238, **@2015**

1153. Senhorinho, G. N., Ross, G. M., & Scott, J. A. Cyanobacteria and eukaryotic microalgae as potential sources of antibiotics. Phycologia, 54, 2015,3, 271-282., **@2015**

1154. Biswas D., M.H. Siddiqui, S. Mahfooz, A. Shamim, A. Farooqui. Partial purification of bioactive compounds from different cyanobacterial strains and its biological potential. IJBPAS, 4, 2015, 10, 6107-6115, **@2015**

396. **Slavchev G**, **Markova N**. Stress-induced L-forms of Mycobacterium bovis: a challenge to survivability.. New Microbiologica, 36, 2013, ISSN:1121-7138, 157 - 166. ISI IF:1.603

Цитира се в:

1155. Wang DN at al.Salmonella L-forms: formation in human bile in vitro and isolation culture from patients' gallbladder samples by a non-high osmotic isolation technique.Clinical Microbiology and Infection, 2015; 21:470.e9–470.e16, **@2015**

397. Voutquenne-Nazabadioko, L., Gevrenova, R., Borie, N., Harakat, D., Sayagh, C., Weng, A., Thakur, M., **Zaharieva, M.**, Henry, M.. Triterpenoid saponins from the roots of Gypsophila trichotoma Wender. Phytochemistry, 90, ELSEVIER, 2013, ISSN:0031-9422, DOI:10.1016/j.phytochem.2013.03.001, 114 - 127. ISI IF:3.05

Цитира се в:

1156. Feng, Z.L., S.P. Wu, W.H. Li, T.T. Guo and Q.C. Liu (2015): Concise synthesis and antidiabetic effect of three natural triterpenoid saponins isolated from Fadogia ancylantha (Makoni tea). Helvetica Chimica Acta. 98(9), 1254-1266. ISSN:0018019X, DOI: 10.1002/hlca.201500061, **@2015**

1157. Guo, T., S. Wu, S. Guo, L. Bai, Q. Liu and N. Bai (2015): Synthesis and Evaluation of a Series of Oleanolic Acid Saponins as O±-Glucosidase and O±-Amylase Inhibitors. Archiv der Pharmazie. 348(9), 615-628. ISSN:03656233, doi: 10.1002/ardp.201500179, **@2015**

1158. Phat, N.T., L.T.V. Hoa, M.D. Tri, L.T. Dung, P.N. Minh and B.T. Dat (2015): Two new oleanane-type triterpene saponins from the leaves of Schefflera sessiliflora de P. V. Phytochemistry Letters. 11, 102-105. ISSN:18743900, doi:10.1016/j.phytol.2014.11.020, **@2015**

1159. Scognamiglio, M., V. Severino, B. D'Abrosca, A. Chambery and A. Fiorentino (2015) Structural elucidation of saponins: A combined approach based on high-resolution spectroscopic techniques vol 45. Elsevier. ISBN/ISSN:15725995, **@2015**

1160. Xie, L.X., D.F. Sun, H.Y. Wang, Q.Q. Yao and J.Y. Sun (2015): Research progress on chemical constituents in plants of Gypsophila L. and their pharmacological activities. Chinese Traditional and Herbal Drugs. 46(2), 280-292. ISSN:02532670, DOI: 10.7501/j.issn.0253-2670.2015.02.024, **@2015**

398. Staneva, R., Rukova, B., Hadjidekova, S., Nesheva, D., Antonova, O., Dimitrov, P., Simeonov, V., Stamenov, G., Cukuranovic, R., Cukuranovic, J., Stefanovic, V., Polenakovic, M., Dimova, I., Hlushchuk, R., Djonov, V., **Galabov, A.**, Toncheva, D.. Whole genome methylation array analysis reveals new aspects in Balkan endemic nephropathy etiology. BMC Nephrology, 14, Springer, 2013, DOI:doi:10.1186/1471-2369-14-225, 225 - 232. ISI IF:1.69

Цитира се в:

1161. Jocic J., Cukuranovic R., Jovanovic P., Djordjevic V., Mihajlovic M., Bogdanovic D., Cukuranovic-Kokoris J., Stefanovic V. Ocular fundus abnormalities in patients with Balkan endemic nephropathy and other chronic kidney diseases 2015, International Urology and Nephrology, 47, 10, pp 1693-1701, **@2015**

1162. Stefanovic V., Cukuranovic R., Dolicanin Z., Cukuranovic J., Stojnev S., Bogdanovic D., Rajic M. & Kocica G. Placental growth factor and placental protein 13 in patients with Balkan endemic nephropathy, a worldwide disease. 2015. Renal Failur. 37, 7, pp 1145-1148, **@2015**

1163. Montague, E., Janko, I., Stanberry, L., Lee, E., Choiniere, J., Anderson, N., Stewart, E., Broomall, W., Higdon, R., Kolker, N., Kolker, E. 2015. Beyond protein expression, MOPED goes multi-omics. Nucleic Acids Research (43)D1: pp. D1145-D1151, **@2015**

399. Vlaev, S, **Rusinova-Videva, S**, Pavlova, K, Kuncheva, M, Panchev, I, Dobreva, S. Submerged culture process for biomass and exopolysaccharide production by Antarctic yeast: some engineering considerations. Applied Microbiology and Biotechnology, 97, 2013, 5303 - 5313. ISI IF:3.811

Цитира се в:

1164. A pH shift feeding strategy for increased enduracidin production during fed-batch fermentation by a deep-sea, bacterium, Streptomyces sp. MC079, **@2015**

1165. Exopolysaccharides from yeast: insight into optimal conditions for biosynthesis, chemical composition and functional properties-review, **@2015**

400. Milena Popova, Rosa Dimitrova, Hassan Talib Al-Lawati, **Iva Tsvetkova**, **Hristo Najdenski**, Vassya Bankova. Omani propolis: chemical profiling, antibacterial activity and new propolis plant sources. Chemistry Central Journal, 7:158, 1, 2013, DOI:10.1186/1752-153X-7-158, ISI IF:1.31

Цитира се в:

1166. Grenho, L., Barros, J., Ferreira, C., Santos, V. R., Monteiro, F. J., Ferraz, M. P., & Cortes, M. E. (2015). In vitro antimicrobial activity and biocompatibility of propolis containing nanohydroxyapatite. Biomedical Materials, 10(2), 025004., **@2015**

1167. Kubina, R. W., Kabała-Dzik, A., Dziedzic, A., Bielec, B., Wojtyczka, R. D., Bułdak, R. J., ... & Szaflarska-Stojko, E. The Ethanol Extract of Polish Propolis Exhibits Anti-Proliferative and/or Pro-Apoptotic Effect on HCT 116 Colon Cancer and Me45 Malignant Melanoma Cells In Vitro Conditions., **@2015**

1168. Silva-Carvalho, R., Baltazar, F., & Almeida-Aguiar, C. (2015). Propolis: A Complex Natural Product with a Plethora of Biological Activities That Can Be Explored for Drug Development. Evidence-Based Complementary and Alternative Medicine, 2015., **@2015**

1169. Suleman, T., Vuuren, S., Sandasi, M., & Viljoen, A. M. (2015). Antimicrobial activity and chemometric modelling of South African propolis. Journal of applied microbiology, 119(4), 981-990., **@2015**

401. Muratov, E. N., Varlamova, E. V., Artemenko, A. G., Polishchuk, P. G., Nikolaeva-Glomb, L., **Galabov, A.S.**, Kuz'min, V. E.. QSAR analysis of poliovirus inhibition by dual combinations of antivirals. Structural Chemistry, 24, 5, Springer, 2013, ISSN:1572-9001 (Online), DOI:10.1007/s11224-012-0195-8, 1665 - 1679. ISI IF:1.837

Цитира се в:

1170. Understanding the Basics of QSAR for Applications in Pharmaceutical Sciences and Risk Assessment (Book) Roy, K., Kar, S., Das, R.N. 2015 Understanding the Basics of QSAR for Applications in Pharmaceutical Sciences and Risk Assessment pp. 1-479, **@2015**

1171. Olexandr Isayev, Denis Fourches, Eugene N. Muratov, Corey Oses, Kevin Rasch, Alexander Tropsha, and Stefano Curtarolo. Materials Cartography: Representing and Mining Materials Space Using Structural and Electronic Fingerprints. Chem. Mater., 2015, 27 (3), pp 735–743, **@2015**

402. Karachanak ,S., Grugni, V., Fornarino, S., Nesheva, D., Al-Zahery, N., Battaglia, V., Carossa, V., Yordanov, Y., Torroni, A., **Galabov, A.S.**, Toncheva, D., Semino, O.. Y-chromosome diversity in modern Bulgarians: new clues about their ancestry. PLoS One, 8, 3, 2013, DOI:doi: 10.1371/journal.pone.0056779., ISI IF:3.534

Цитира се в:

1172. Underhill, P.A., Poznik, G.D., Rootsi, S., (...), Kivisild, T., Villems, R. The phylogenetic and geographic structure of Y-chromosome haplogroup R1a. 2015. European Journal of Human Genetics. 23 (1), pp. 124-131, **@2015**

1173. Wang C, Ling-Xiang Wang, Rukesh Shrestha, Shaoqing Wen, Manfei Zhang, Xinzhu Tong, Li Jin, Hui Li. Convergence of Y Chromosome STR Haplotypes from

Different SNP Haplogroups Compromises Accuracy of Haplogroup Prediction. Journal of Genetics and Genomics, 42, 7, 2015, pp 403–407., **@2015**

1174. Zupan A., Hauptman N., Glavač D. The maternal perspective for five Slovenian regions: The importance of regional sampling. 2015. Annals of human biology. DOI:10.3109/03014460.2015.1006678, **@2015**

1175. Romanchuk A. The East-Eurasian hypothesis of Dene-Caucasian Motherland: once again about the haplogroups of Y-chromosome. DOI: 10.13140/RG.2.1.4582.5120 Publisher: Stratum plus, ISBN: ISBN 978-9975-4482-4-6., **@2015**

1176. Веренич В. Актуальные проблемы изучения так называемого динарского кластера гаплогруппы I2a. Исследовательские заметки о происхождении и миграции так называемого «динарского кластера» гаплогруппы I2a. 2015, **@2015**

403. Tomova A., Tomova I., **Vasileva-Tonkova E.**, **Lazarkevich I.**, **Stoilova-Disheva M.**, **Lyutskanova D.**, **Kambourova M.**. Myroides guanonis sp. nov., isolated from prehistoric paintings.. Int. J. Syst. Evol. Microbiol., 63, 2013, 4266 - 4270. ISI IF:2.798

Цитира се в:

1177. Paek, J., Shin, J.H., Shin, Y, et al. (2015). Myroides injenensis sp. nov., a new member isolated from human urine. Antonie van Leeuwenhoek, 107(1):201-207. ISSN:0003-6072, **@2015**

1178. Ram H., Kumar A., Thomas L., Dastager S.G., Mawlankar R., Singh V.P. (2015) Myroides indicus sp. nov. isolated from garden soil. International Journal of Systematic and Evolutionary Microbiology, 65, 4008-4012., **@2015**

404. Ivanova, V, Tomova, I, Kamburov, A., Tomova, A., **Vasileva-Tonkova, E.**, **Kambourova, M.**. High phylogenetic diversity of bacteria in the area of prehistoric paintings in Magura Cave, Bulgaria. Journal of Cave and Karst Studies, 75, 2013, ISSN:1090-6924, 218 - 228. ISI IF:0.696

Цитира се в:

1179. Díaz Herráiz, M. (2015). Caracterización de comunidades microbianas en tumbas etruscas y romanas. PhD Thesis, Universidad de Sevilla, pp. 208, **@2015**

1180. Gulecal-Pektas, Y., & Temei, M. (2015). Determination of microbial diversity in moon-milk deposits with next generation sequencing. Fresenius Environmental Bulletin, 24(3), 825-832., **@2015**

405. **Georgiev, M**, **Ivanovska, N**, Alipieva, K, **Dimitrova, P**, Verpoorte, R. Harpagoside: From Kalahari Desert to pharmacy shelf. Phytochemistry, 92, 2013, 8 - 15. ISI IF:3.3

Цитира се в:

1181. Kim, T. K., & Park, K. S. (2015). Inhibitory effects of harpagoside on TNF-α-induced pro-inflammatory adipokine expression through PPAR-γ activation in 3T3-L1 adipocytes. Cytokine, 76(2), 368-374., **@2015**

1182. Petersen, M. (2015). Hydroxycinnamoyltransferases in plant metabolism. Phytochemistry Reviews, 1-29., **@2015**

1183. Parenti, C., Aricò, G., Pennisi, M., Venditti, A., & Scoto, G. M. (2015). Harpagophytum procumbens extract potentiates morphine antinociception in neuropathic rats. Natural product research, 1-8., **@2015**

1184. Tomić, M., Popović, V., Petrović, S., Stepanović-Petrović, R., Micov, A., Pavlović-Drobac, M., & Couladis, M. (2014). Antihyperalgesic and Antiedematous Activities of Bisabolol-Oxides-Rich Matricaria Oil in a Rat Model of Inflammation. Phytotherapy Research, 28(5), 759-766., **@2015**

1185. Piątczak, E., Kuźma, Ł., Sitarek, P., & Wysokińska, H. (2015). Shoot organogenesis, molecular analysis and secondary metabolite production of micropropagated Rehmannia glutinosa Libosch. Plant Cell, Tissue and Organ Culture (PCTOC), 120(2), 539-549, **@2015**

1186. Schopohl, P. (2015). Einfluss mikrobieller und pflanzlicher Bestandteile auf das angeborene Immunsystem im Kontext inflammatorischer Prozesse (Doctoral dissertation, Freie Universität, **@2015**

1187. Piątczak, E., Talar, A., Kuźma, Ł., & Wysokińska, H. (2015). Iridoid and phenylethanoid glycoside production in multiple shoots and regenerated Rehmannia elata NE Brown ex Prain plants following micropropagation. Acta Physiologiae Plantarum, 37(12), 1-8., **@2015**

406. Serafimovska, J.M., Arpadjan, S., Stafilov, T, **Tsekova, K**. Study on the antimony species distribution in industrially contaminated soils.. Journal of Soils and Sediments, 13, 2, 2013, ISSN:1439-0108, 294 - 303. ISI IF:2.139

Цитира се в:

1188. Sestinova, O., Findorakova, L., Hančulák, J. Study of metal mobility and phytotoxicity in bottem sediments that have been influenced by former mining activities in Eastern Slovakia. Environmental Earth Sciences, 2015, 74(7), 6017-6025., **@2015**

1189. Qasim, B., Motelica-Heino, M., Jonssein, E., Sonbrand, M., Gautier, A. Potentially toxic element phytoavailability assessment in Technosols from former smelting and mining areas. Environmental Science and Pollution Research, 2015, 22(8), 5961-5974., **@2015**

407. **Dimitrova, P**, **Milen, I**, Mahmud, T, Khan, M, **Ivanovska, N**. Evaluation of Verbascum species and harpagoside in models of acute and chronic inflammation. Central Eur. J. Biol., 8, (2), 2013, 186 - 194. ISI IF:0.7

Цитира се в:

1190. Cordero-Maldonado ML, Siverio-Mota D, Vicet-Muro L, Wilches-Arizábala IM, Esguerra CV, de Witte PAM, et al. Optimization and Pharmacological Validation of a Leukocyte Migration Assay in Zebrafish Zebrafish Larvae for the Rapid In Vivo Bioactivity Analysis of Anti-Inflammatory Secondary Metabolites. PLoS ONE 8(10): e75404., **@2015**

408. Guncheva, M., Dimitrov, M.,, **Kambourova, M.**. Excellent stability and synthetic activity of lipase from B. Stearothermophilus MC7 immobilized on tin dioxide in environmentally friendly medium.. Biotechnology and Biotechnological Equipmen, 2013, ISI IF:0.379

Цитира се в:

1191. Bressani, A. P. P., Garcia, K. C., Hirata, D. B., & Mendes, A. A. (2015). Production of alkyl esters from macaw palm oil by a sequential hydrolysis/esterification process using heterogeneous biocatalysts: optimization by response surface methodology. Bioprocess and biosystems engineering, 38(2), 287-297., **@2015**

409. Georgiev, L., Chochkova, M., Totseva, I., Seizova, K., Marinova, E., Ivanova, G., Ninova, M., **Najdenski, H.**, Milkova, T.. Anti-tyrosinase, antioxidant and antimicrobial activities of hydroxycinnamoylamides.. Medicinal Chemistry Research, 22, 9, 2013, 4173 - 4182. ISI IF:1.387

Цитира се в:

1192. Botta, G., Bizzarri, B. M., Garozzo, A., Timpanaro, R., Bisignano, B., Amatore, D., ... & Saladino, R. (2015). Carbon nanotubes supported tyrosinase in the synthesis of lipophilic hydroxytyrosol and dihydrocaffeoyl catechols with antiviral activity against DNA and RNA viruses. Bioorganic & medicinal chemistry, 23(17), 5345-5351., **@2015**

1193. Sun, J., Song, Y. L., Zhang, J., Huang, Z., Huo, H. X., Zheng, J., ... & Tu, P. F. (2015). Characterization and Quantitative Analysis of Phenylpropanoid Amides in Eggplant (Solanum melongena L.) by High Performance Liquid Chromatography Coupled with Diode Array Detection and Hybrid Ion Trap Time-of-Flight Mass Spectrometry. Journal of agricultural and food chemistry, 63(13), 3426-3436., **@2015**

410. Módenes, A.N., Ross, A.A., Souza, B.V., Dotto, J., Geraldi, C.Q., Espinoza-Quiñones, F.R., **Kroumov, A.D.**. Biosorption of BF-4B reactive red dye by using leaves of macrophytes Eichhornia crassipes. International Journal Bioautomation, 17, 1, BAS, Institute of Biophysics and Biomedical Engineering, 2013, ISSN:1314-1902, 33 - 44. SJR:0.228

Цитира се в:

1194. Sartape, A.S., S.A. Patil, S.K. Patil, S.T. Salunkhe and S.S. Kolekar (2015): Mahogany fruit shell: a new low-cost adsorbent for removal of methylene blue dye from aqueous solutions. Desalination and Water Treatment. 53(1), 99-108. ISSN:19443994, DOI: 10.1080/19443994.2013.839404, **@2015**

1195. Ribeiro, C., V.A. Bordignon, F.B. Scheufele and C. Borba (2015): Remoção do corante reativo azul 5g pelas escamas do peixe oreochromis niloticus em coluna de leito fixo. Blucher Chemical Engineering Proceedings. 1(2), 5657-5664. ISSN:2359-1757, DOI: 10.5151/chemeng-cobeq2014-0838-23402-154721, **@2015**

411. Tomova, I., **Lazarkevich, I.**, Tomova, A., **Kambourova, M.**, **Vasileva-Tonkova, E.**. Diversity and biosynthetic potential of culturable aerobic heterotrophic bacteria isolated from Magura Cave, Bulgaria. International Journal of Speleology, 42, 2013, ISSN:0392-6672, 65 - 76. ISI IF:1.275

Цитира се в:

1196. Carmichael, S.K., Zorn, B.T., Santelli, C.M., Roble, L.A., Carmichael, M.J., Bräuer, S.L. (2015). Nutrient input influences fungal community composition and size and can stimulate manganese (II) oxidation in caves. Environmental Microbiology Reports 7 (4), pp. 592-605, ISSN (online) 1758-2229, **@2015**

1197. Epure, L., Muntean, V., Constantin, S., Moldovan, O.T. (2015). Ecophysiological groups of bacteria from cave sediments as potential indicators of paleoclimate. Quaternary international, **@2015**

1198. Lateef, A., Adelere, I. A., & Gueguim-Kana, E. B. (2015). The biology and potential biotechnological applications of Bacillus safensis. Biologia, 70(4), 411-419, **@2015**

1199. Lee, N., Liebl, W., Engel, A.S., Porter, M. (2015). Caves Biofilm Metagenomics. In:

Encyclopedia of Metagenomics. Environmental Metagenomics (Highlander, S.K., Rodriguez-Valera, F., White, B.A., eds), Springer US, pp. 65-74, ISBN 978-1-4899-7474-7, DOI 10.1007/978-1-4899-7475-4_718. ISBN: 978-1-4614-4674-3, **@2015**

1200. Tomczyk-Żak, K., & Zielenkiewicz, U. (2015). Microbial diversity in caves. Geomicrobiology Journal, DOI: 10.1080/01490451.2014.1003341. ISSN 0149-0451, **@2015**

1201. Seman, M., Gaálová, B., Cíchová, M., Prokšová, M., Haviarová, D., Flaková, R. (2015). The occurrence of coliform bacteria in the cave waters of Slovak Karst, Slovakia. Folia microbiologica, 60(3):269-78. ISSN: 1874-9356, **@2015**

1202. Cortez J.L.S., Ortega L. (2015). Perspectivas para el uso y aprovechamiento de cavidades naturales en la provincia del Napo, a partir de procesos educativos, investigativos y turísticos. In 3er Simposio Internacional de Espeleología en el Ecuador-Boletín Científico, 88-103., **@2015**

412. **Kroumov, A.D.**, Gacheva, G.V., Iliev, I.I., Alexandrov, S.D., Pilarski, P.S., Petkov, G.D.. Analysis of Sf/V ratio of photobioreactors linked with algal physiology. Genetics and Plant Physiology, 3, 1-2, BAS, Institute of Plant Physiology and Genetics, 2013, ISSN:1314-5770, 55 - 64

Цитира се в:

1203. J. Vanags1, L. Kunga, K. Dubencovs, V. Galvanauskas, O. Grīgs, (2015). Influence of Light Intensity and Temperature on Cultivation of Microalgae Desmodesmus Communis in Flasks and Laboratory-Scale Stirred Tank Photobioreactor, Latvian Journal of Physics and Technical Sciences, v. 52, 2, p. 59-70. DOI:10.1515/lpts-2015-0012., **@2015**

413. Popova, M., Dimitrova, R., Al-Lawati, H.T., **Tsvetkova, I.**, **Najdenski, H.**, Bankova, V.. Omani propolis: Chemical profiling, antibacterial activity and new propolis plant sources.. Chemistry Central Journal, 7, 1, 2013, ISSN:1752-153X, DOI:10.1186/1752-153X-7-158, ISI IF:2.19

Цитира се в:

1204. Buahorm, S., Puthong, S., Palaga, T., Lirdprapamongkol, K., Phuwapraisirisan, P., Svasti, J., & Chanchao, C. (2015). Cardanol isolated from Thai Apis mellifera propolis induces cell cycle arrest and apoptosis of BT-474 breast cancer cells via p21 upregulation. DARU Journal of Pharmaceutical Sciences, 23(1), 1., **@2015**

414. Ivanov I., **Georgiev V.**, **Pavlov A.**. Elicitation of galanthamine biosynthesis by Leucojum aestivum liquid shoot cultures.. Journal of Plant Physiology, 170, 2013, 1122 - 1129. ISI IF:2.77

Цитира се в:

1205. Saliba S., Ptak A., Laurain-Mattar D. 4'-O-Methylnorbelladine feeding enhances galanthamine and lycorine production by Leucojum aestivum L. shoot cultures. Engineering in Life Sciences, 15(6): 640 - 645, 2015., **@2015**

415. **Petrova, P.**, Petrov, K., **Stoyancheva, G.**. Starch-modifying enzymes of lactic acid bacteria – structures, properties, and applications. Starch-Starke, 65, 1/2, WILEY-VCH Verlag GmbH & Co, 2013, ISSN:0038-9056, DOI:10.1002/star.201200192, 34 - 47. SJR:0.547, ISI IF:1.401

Цитира се в:

1206. Panda S.H., Ray R.C. Amylolytic Lactic Acid Bacteria: Microbiology and Technological Interventions in Food Fermentation. In: Fermented Foods, Part I: Biochemistry and Biotechnology, 2015, Eds.: D. Montet, R. C. Ray, pp. 148-165, CRC Press, ISBN 9781498740814., **@2015**

1207. Благоева Г. Селекция и молекулярно характеризиране на амилолитични млечнокисели бактерии за приложение в ХВП, Дисертация за прписъждане на образователна и научна степен «Доктор», катедра «Биотехнология», 2015, УХТ, Пловдив, **@2015**

1208. Ellis, J. L., Bannink, A., Hindrichsen, I. K., Kinley, R. D., Pellikaan, W. F., Milora, N., Dijkstra, J. Effect of lactic acid bacteria inoculants on in vitro rumen organic matter digestibility, total gas and methane production. Animal Feed Science and Technology, 2015, DOI: http://dx.doi.org/10.1016/j.anifeedsci.2015.10.016, **@2015**

1209. Nkosi B.D., Meeske R., Langa T., Motiang M.D., Mutavhatsindi T.F., Thomas R.S., Groenewald I.B., Baloyi J.J., The influence of ensiling potato hash waste with enzyme/bacterial inoculant mixtures on the fermentation characteristics, aerobic stability and nutrient digestion of the resultant silages by rams, Small Ruminant Research, 2015, vol. 127, 28-35., **@2015**

1210. Kanpiengjai A., Lumyong S., Nguyen T.-H., Haltrich D., Khanongnuch C., Characterization of a maltose-forming alpha-amylase from an amylolytic lactic acid bacterium Lactobacillus plantarum S21, Journal of Molecular Catalysis B: Enzymatic, 2015, vol. 120, 1–8., **@2015**

416. De Soyza, A., Hall, A., Mahenthiralingam, E., Drevinek, P., Kaca, W., Drulis-Kawa, Z., **Stoitsova S.**, et al.. Developing an international Pseudomonas aeruginosa reference panel.. MicrobiologyOpen,, 2, 2013, ISSN:2045-8827, DOI:doi: 10.1002/mbo3.141, ISI IF:2.213

Цитира се в:

1211. A. Penesyan, SS Kumar, K Kamath, AM Shathili, V. Venkatakrishnan, C, Krisp, NH Packer, MP Molloy, IT Paulsen, Genetically and Phenotypically Distinct Pseudomonas aeruginosa Cystic Fibrosis Isolates Share a Core Proteomic Signature. PLoS One, 2015, 1/26, DOI:10.1371/journal.pone.0138527, **@2015**

1212. C.L. Preece, A. Perry, B. Gray, D.T. Klenna, A.L. Jones, S.P. Cummings,, A. Robb, M.F. Thomas, M. Brodlie, C.J. O'Brien, S.J. Bourke, J.D. Perry, A novel culture medium for isolation of rapidly-growing mycobacteria from the sputum of patients with cystic fibrosis. J. Cyst. Fibros., 2015, pii: S1569-1993(15)00117-4. doi: 10.1016/j.jcf.2015.05.002., **@2015**

417. **Alexieva Z.**. Microbial degradation of phenol and phenolic derivatives. Engineering in Life Sciences, 13, 1, 2013, DOI:10.1002/elsc.201100227, 76 - 87. ISI IF:1.89

Цитира се в:

1213. Jiang Y., Shang Y., Yang K., Wang H. Phenol degradation by halophilic fungal isolate JS4 and evaluation of its tolerance of heavy metals., **@2015**

1214. J Sucharitakul, D Medhanavyn, D Pakotiprapha, van Berkel W., Chaiyen P. Tyr217 and His213 are Important for Substrate Binding and Hydroxylation of 3-Hydroxybenzoate 6-Hydroxylase from Rhodococcus jostii RHA1, **@2015**

1215. Carabajal M., Perullini M., Jobbágy M., Ullrich R., Hofrichter M., Levin L. Removal

of phenol by immobilization of Trametes versicolor in silica-alginate-fungus biocomposites and Loofa Sponge., **@2015**

1216. Reddy M.V., Chang Y.-Ch.*, Sh. Kikuchi Phenol, Alkylphenols, and Polycyclic Aromatic Hydrocarbons (PAHs) Degradation Using the Bacteria Hydrogenophaga palleronii., **@2015**

1217. Li Ch., Zhang X., Hao X., Feng X., Pang X., Zhang H. Thermodynamic and mechanistic studies on recovering phenol crystals from dilute aqueous solutions using pervaporation-crystallization coupling (PVCC) system., **@2015**

1218. Aziz S., Shaukat S. Degradation of phenolics in digera muricata: phytotoxic effects of root and shoot leachate plus n fertilization on the growth of millet., **@2015**

1219. Su H., He M., Tan F., Liu G. A biorefining process: sequential, combinational lignocellulose pretreatment procedure for improving biobutanol production from sugarcane bagasse., **@2015**

1220. Yadzir Z.H.M., Shukor M.Y., Ahmad A., Nazir M.S., Shah S.M.U., Abdullah M.A. Phenol removal by newly isolated Acinetobacter baumannii strain Serdang 1 in a packed-bed column reactor,, **@2015**

1221. Domaradzka D., Guzik U., Hupert-Kocurek K., Wojcieszyńska D. Cometabolic Degradation of Naproxen by Planococcus sp. Strain S5., **@2015**

1222. Herrera Bravo de Laguna I., Toledo Marante F. J., Mioso R. Enzymes and bioproducts produced by the ascomycete fungus Paecilomyces variotii., **@2015**

1223. Hasan M., Hakim A., Iqbal A., Bhuiyan F., Begum M., Sharmin S., Abir R. Computational Study and Homology Modeling of Phenol Hydroxylase: Key Enzyme for Phenol Degradation., **@2015**

1224. Helal U., Nanzai B., Okitsu K. Effects of Na2SO4 or NaCl on sonochemical degradation of phenolic compounds in an aqueous solution under Ar: positive and negative effects induced by the presence of salts., **@2015**

1225. Wang Y, Guo W, Chen BY, Cheng CL, Lo YC, Ho SH., Chang JS., Ren N. Exploring the inhibitory characteristics of acid hydrolysates upon butanol fermentation: a toxicological assessment., **@2015**

1226. Lin J., Sharma V., Milase R., Mbhense N. Simultaneous enhancement of phenolic compound degradations by Acinetobacter strain V2 via a step-wise continuous acclimation process., **@2015**

1227. Lee HC, Lee M, Den W. Spirulina maxima for Phenol Removal: Study on its Tolerance, Biodegradability and Phenol-Carbon Assimilability., **@2015**

418. Steingroewer, J, Bley, Th, **Georgiev, V**, Ivanov, I, Lenk, F, **Marchev, A**, **Pavlov, A**. Bioprocessing of differentiated plant in vitro systems. Engineering in Life Sciences, 13, 1, WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, 2013, DOI:10.1002/elsc.201100226, 26 - 38. ISI IF:1.89

Цитира се в:

1228. Raj, D., Kokotkiewicz, A., Luczkiewicz, M. (2015). Production of therapeutically relevant indolizidine alkaloids in Securinega suffruticosa in vitro shoots maintained in liquid culture systems. Applied biochemistry and biotechnology, 175(3), 1576-1587, **@2015**

1229. Park, Y. J., Thwe, A. A., Li, X., Kim, Y. J., Kim, J. K., Arasu, M. V., Al-Dhabi,

N.A., Park, S. U. (2015). Triterpene and Flavonoid Biosynthesis and Metabolic Profiling of Hairy Roots, Adventitious Roots, and Seedling Roots of Astragalus membranaceus. Journal of Agricultural and Food Chemistry, 63(40), 8862-8869. ISSN: 0021-8561, **2015**

1230. Fei, L., Weathers, P. (2015). From leaf explants to hanging rooted plantlets in a mist reactor. Plant Cell, Tissue and Organ Culture (PCTOC), 1-10. ISSN: 0167-6857, **@2015**

1231. Szopa, A., Kokotkiewicz, A., Marzec-Wróblewska, U., Bucinski, A., Luczkiewicz, M., Ekiert, H. (2015). Accumulation of dibenzocyclooctadiene lignans in agar cultures and in stationary and agitated liquid cultures of Schisandra chinensis (Turcz.) Baill. Applied Microbiology and Biotechnology, 1-13. DOI: 10.1007/s00253-015-7230-9. ISSN: 0175-7598, **@2015**

419. **Nikolova, K**, **Kaloyanova S**, **Mihaylova N**, **Stoitsova S**, Chausheva S, Vasilev A, Lesev N, **Dimitrova P**, Deligeorgiev T, **Tchorbanov A**. New fluorogenic dyes for analysis of cellular processes by flow cytometry and confocal microscopy. Journal of Photochemistry and Photobiology B: Biology, 2013, ISI IF:2.803

Цитира се в:

1232. Sasagawa, S., Nishimura, Y., Koiwa, J., Nomoto, T., Shinto, T., Murakami, S., Tanaka, T. In vivo detection of mitochondrial dysfunction induced by clinical drugs and disease-associated genes using a novel dye ZMJ214 in zebrafish. ACS chemical biology. DOI: 10.1021/acschembio.5b00751, **@2015**

1233. Patel, N.J., Manivannan, E., Joshi, P. et al. Impact of Substituents in Tumor Uptake and Fluorescence Imaging Ability of Near-Infrared Cyanine-like Dyes. Photochemistry and Photobiology 91 (5), pp. 1219-1230, **@2015**

420. Raynova, Y., **Doumanova, L.**, Idakieva, K.N.. Phenoloxidase activity of helix aspersa maxima (Garden Snail, Gastropod) Hemocyanin. Protein Journal, 32, 8, Springer US, 2013, DOI:doi: 10.1007/s10930-013-9523-0., 609 - 618. ISI IF:0.912

Цитира се в:

1234. Naresh, K.N., Sreekumar, A., Rajan, S.S. Structural insights into the interaction between molluscan hemocyanins and phenolic substrates: An in silico study using docking and molecular dynamics (2015) Journal of Molecular Graphics and Modelling, 61, art. no. 6578, pp. 272-280., **@2015**

1235. Liu, X., Jia, Y.-L., Chen, J.-W., Liang, G., Guo, H.-Y., Hu, Y.-H., Shi, Y., Zhou, H.-T., Chen, Q.-X. Inhibition effects of benzylideneacetone, benzylacetone, and 4-phenyl-2-butanol on the activity of mushroom tyrosinase (2015) Journal of Bioscience and Bioengineering, 119 (3), pp. 275-279., **@2015**

421. **Georgiev V**, **Marchev, A**, Nikolova, M, Ivanov, I, Gochev, V, Stoyanova, A, **Pavlov, A**. Chemical composition of essential oils from leaves and flowers of Salvia ringens Sibth. et. Sm. growing wild in Bulgaria. Journal of Essential Oil Bearing Plants, 16, 5, Taylor and Francis, 2013, DOI:10.1080/0972060X.2013.854490, 624 - 629. ISI IF:0.187

Цитира се в:

1236. Composition and biological effects of Salvia ringens (Lamiaceae) essential oil and extracts, **@2015**

422. **Valcheva V.**. Molecular snapshot of Mycobacterium tuberculosis population structure and drug-resistance in Kyrgyzstan. Tuberculosis, 93, 5, Elsevier, 2013, ISSN:1472-9792, DOI:doi:10.1016/j.tube.2013.05.008, 501 - 507. ISI IF:2.711

Цитира се в:

1237. Yuen, C. M., Rodriguez, C. A., Keshavjee, S., & Becerra, M. C. (2015). Map the gap: missing children with drug-resistant tuberculosis. Public Health Action,5(1), 45-58., **@2015**

1238. Mokrousov, I. (2015). Mycobacterium tuberculosis phylogeography in the context of human migration and pathogen's pathobiology: Insights from Beijing and Ural families. Tuberculosis., **@2015**

423. Ananga, A., **Georgiev, V.**, Tsolova, V.. Manipulation and engineering of metabolic and biosynthetic pathway of plant polyphenols. Current Pharmaceutical Design, 19, 2013, ISSN:1381-6128, DOI:10.2174/1381612811319340011, 6186 - 6206. ISI IF:3.452

Цитира се в:

1239. Zhang, B., Cai, J., Duan, C. Q., Reeves, M. J., He, F. (2015). A Review of Polyphenolics in Oak Woods. International journal of molecular sciences, 16(4), 6978-7014. ISSN 1422-0067, **@2015**

1240. Al-Dujaili, E. A. (2015). The Effect of Dark Grape Juice Consumption on Exercise-Induced Oxidative Stress in Healthy Adults Aged 41 to 60 Years. EC Nutrition, 1, 217-228, **@2015**

1241. Giovinazzo, G., Grieco, F. (2015). Functional Properties of Grape and Wine Polyphenols. Plant Foods for Human Nutrition, 70(4), 454-462. ISSN: 0921-9668, **@2015**

1242. Srivastava, N., Singh, B. N., Srivastava, A., Khan, A. R., Srivastava, S., Sharma, A., Rawat, A. K. S. (2015). Evaluation of Phenolic Content Recoveries in Hydrolyzed Extracts of Bergenia ciliata Using RP-HPLC, GC–MS after Silylation, and Validation through Antioxidant Potential. Journal of Liquid Chromatography & Related Technologies, 38(19), 1722-1730. ISSN: 1082-6076, **@2015**

424. Poehlein, Anja, Deutzmann, Jörg S, Daniel, Rolf, **Simeonova, Diliana D.**. Draft Genome Sequence of the Methanotrophic Gammaproteobacterium Methyloglobulus morosus DSM 22980 Strain KoM1.. Genome announcements, 1, 6, 2013, ISSN:ISSN:2169-8287, DOI:DOI:10.1128/genomeA.01078-13

Цитира се в:

1243. Diversity and Habitat Preferences of Cultivated and Uncultivated Aerobic Methanotrophic Bacteria Evaluated Based on pmoA as Molecular Marker, **@2015**

425. **Radchenkova, N**, **Vassilev, S.,**, Panchev, I., Anzelmo, G., Tomova, I., Nicolaus, B., Kuncheva, **Kambourova, M.**. Production and properties of two novel exopolysaccharides synthesized by a thermophilic bacterium Aeribacillus pallidus 418.. Applied Biochemistry and Biotechnology, 2013, ISI IF:1.687

Цитира се в:

1244. Castellane, T.C.L., Persona, M.R.,Campanharo, J.C., de Macedo Lemos, E.G. (2015). Production of exopolysaccharide from rhizobia with potential biotechnological and bioremediation applications. International Journal of Biological

Macromolecules, 74, 515-522. ISSN: 0141-8130, **@2015**

1245. González-García, Y., Heredia, A., Meza-Contreras, J. C., Escalante, F. M., Camacho-Ruiz, R. M., & Córdova, J. (2015). Biosynthesis of Extracellular Polymeric Substances by the Marine Bacterium Saccharophagus degradans under Different Nutritional Conditions. International Journal of Polymer Science,2015., **@2015**

426. **Simeonov, I.**, Wang, H., Kalchev, B., Tian, Y., Christov, N.. Modelling and composed recursive model free control for the anaerobic digestion process. Advances in Intelligent Control Systems and Computer Science, Volume 187 2013, Springer Berlin, 2013, ISBN:ISBN: 978-3-642-3254, 14

Цитира се в:

1246. Gaida, D., Wolf, C., & Bongards, M. (2015). Feed Control of Anaerobic Digestion Processes for Sustainable Renewable Energy Production: A Review. Dubrovnik., **@2015**

1247. Jimenez, J., Latrille, E., Harmand, J., Robles, A., Ferrer, J., Gaida, D., ... & Mendez-Acosta, H. (2015). Instrumentation and control of anaerobic digestion processes: a review and some research challenges. Reviews in Environmental Science and Bio/Technology, 14(4), 615-648., **@2015**

427. Maggi O., Tosi S., **Angelova M.**, Lagostina E., Fabbri A.A., Pecoraro L., Altobelli E., Picco A.M., Savino E., Branda E., Turchetti B., Zotti M., Vizzini A., Buzzini P. Adaptation of fungi, including yeasts, to cold environments. Plant Biosystems, 147, 1, Taylor & Francis, 2013, ISSN:1126-3504, 247 - 258. SJR:0.525, ISI IF:1.912

Цитира се в:

1248. Scala V., Beccaccioli M., Dall'Asta C., Giorni P., Fanelli C. Analysis of the expression of genes related to oxylipin biosynthesis in fusarium verticillioides and maize kernels during their interaction, 2015, Journal of Plant Pathology, 97, 1, 193-197, **@2015**

1249. Treseder K.K., Lennon J.T. Fungal traits that drive ecosystem dynamics on land. Microbiology and Molecular Biology Reviews 2015, 79:243-262, **@2015**

1250. Zhang T., Wang N.F., Zhang Y.Q., Liu H.Y., Yu L.Y. Diversity and distribution of fungal communities in the marine sediments of Kongsfjorden, Svalbard (High Arctic). Sci Rep. 2015, 5, 14524., doi: 10.1038/srep14524, **@2015**

428. Mantareva V., Angelov I., Wöhrle D., Borisova E., **Kussovski V.**. Metallophthalocyanines for antimicrobial photodynamic therapy: an overview of our experience. Journal of Porphyrins and Phthalocyanines, 17, 06/07, 2013, ISSN:Print ISSN: 1088-4246 Online ISSN: 1099-1409, DOI:10.1142/S1088424613300024, 399 - 416. ISI IF:1.364

Цитира се в:

1251. Kuznetsova N. A., O.L. Kaliya. Heterogenized metallophthalocyanines for photodynamic microorganism inactivation: an overview of our experience. Macroheterocycles, 2015, DOI: 10.6060/mhc141243k, **@2015**

429. Poehlein, A., Daniel, R., Schink, B., **Simeonova, D.D.**. Life based on phosphite: a genome-guided analysis of Desulfotignum phosphitoxidans. BMC Genomics, 14, BIOMED CENTRAL LTD, 236 GRAYS INN RD, FLOOR 6, LONDON WC1X 8HL, ENGLAND, 2013, ISSN:ISSN: 1471-2164, DOI:DOI: 10.1186/1471-2164-14-753, SJR:1.764, ISI

IF:4.041

Цитира се в:

1252. Differentiating phosphate-dependent and phosphate-independent systemic phosphate-starvation response networks in Arabidopsis thaliana through the application of phosphite, **@2015**

1253. Differentiating phosphate-dependent and phosphate-independent systemic phosphate-starvation response networks in Arabidopsis thaliana through the application of phosphite, **@2015**

1254. Phosphite cannot be used as a phosphorus source but is non-toxic for microalgae, **@2015**

1255. A Post-Genomic View of the Ecophysiology, Catabolism and Biotechnological Relevance of Sulphate-Reducing Prokaryotes, **@2015**

430. **Tsekova K.**, Chernev G., Hristov A., **Kabaivanova L.**. Phenol Biodegradation by Fungal Cells Immobilized in Sol-Gel Hybrids.. Z. Naturforsch. C, 68c, 2013, ISI IF:0.772

Цитира се в:

1256. Yu Jiang, Yu Shang, Kai Yang Phenol degradation by halophilic fungal isolate JS4 and evaluation of its tolerance of heavy metals.Applied Microbiology and Biotechnology 11/2015;, **@2015**

431. **Djoumerska-Alexieva I**, Pashova S, **Vassilev T**, **Pashov A**. The protective effect of modified intravenous immunoglobulin in LPS sepsis model is associated with an increased IRA B cells response.. Autoimmun Rev., 12, 6, 2013, 653 - 656. ISI IF:7.9

Цитира се в:

1257. Jarrett Whelana, Kymberly M. Gowdyb, Saame Raza Shaikh. N-3 polyunsaturated fatty acids modulate B cell activity in pre-clinical models: Implications for the immune response to infections. European Journal of Pharmacology. Available online 27 May 2015, **@2015**

1258. Chiappini, N., et al. (2015). "Innate response activator (IRA) B cells reside in human tonsils and internalize bacteria in vitro." PLoS ONE 10(6)., **@2015**

2014

432. **I Djoumerska-Alexieva**, **I Manoylov**, J D Dimitrov, **A Tchorbanov**. Serum or breast milk immunoglobulins mask the self-reactivity of human natural IgG antibodies. APMIS, 122, 4, 2014, 329 - 340. ISI IF:2.042

Цитира се в:

1259. Jolanta Lis-Kuberka, Iwona Kątnik-Prastowska, Marta Berghausen-Mazur, Magdalena Orczyk-Pawiłowicz. Lectin-based analysis of fucosylated glycoproteins of human skim milk during 47 days of lactation. Glycoconjugate Journal. December 2015, Volume 32, Issue 9, pp 665-674, **@2015**

433. Toncheva, D., Mihailova-Hristova, M., Vazharova, R., Staneva, R., Karachanak, S., Dimitrov, P., Simeonov, V., Ivanov, S., Balabanski, L., Serbezov, D., Malinov, M.,

Stefanovic, V., Čukuranović, R., Polenakovic, M., Jankovic-Velickovic, L., Djordjevic, V., Jevtovic-Stoimenov, T., Plaseska-Karanfilska, D., **Galabov, A.S.**, Djonov, V., Dimova, I.. NGS nominated CELA1, HSPG2, and KCNK5 as candidate genes for predisposition to Balkan endemic nephropathy. Biomed Res Int. 2014, DOI:http://dx.doi.org/10.1155/2014/920723, ISI IF:1.579

Цитира се в:

1260. Jocic J., Cukuranovic R., Jovanovic P., Djordjevic V., Mihajlovic M., Bogdanovic D., Cukuranovic-Kokoris J., Stefanovic V. Ocular fundus abnormalities in patients with Balkan endemic nephropathy and other chronic kidney diseases 2015, International Urology and Nephrology, 47, 10, pp 1693-1701, **@2015**

1261. Stefanovic V., Cukuranovic R., Dolicanin Z., Cukuranovic J., Stojnev S., Bogdanovic D., Rajic M. & Kocica G. Placental growth factor and placental protein 13 in patients with Balkan endemic nephropathy, a worldwide disease. 2015. Renal Failur. 37, 7, pp 1145-1148, **@2015**

434. **Vilhelmova-Ilieva, N.**, Jacquet, R., Quideau, S., **Galabov, A.S.**. Ellagitannins as synergists of ACV on the replication of ACV-resistant strains of HSV 1 and 2. Antiviral Res., 110, Elsevier, 2014, DOI:doi: 10.1016/j.antiviral.2014.07.017., 104 - 114. SJR:1.399, ISI IF:3.938

Цитира се в:

1262. Chen, D., Su, A., Fu, Y., (...), Wang, H., Wu, Z. Harmine blocks herpes simplex virus infection through downregulating cellular NF-κB and MAPK pathways induced by oxidative stress. 2015. Antiviral Research, 123, pp 27–38, **@2015**

1263. Dávola, M.E., Mazaira, G.I., Galigniana, M.D., (...), Ramírez, J.A., Barquero, A.A. Document Synthetic pregnenolone derivatives as antiviral agents against acyclovir-resistant isolates of Herpes Simplex Virus Type 1. 2015 . Antiviral Research, 122, pp 55–63, **@2015**

1264. Priengprom, T., Ekalaksananan, T., Kongyingyoes, B., (...), Aromdee, C., Pientong, C. Document Synergistic effects of acyclovir and 3, 19-isopropylideneandrographolide on herpes simplex virus wild types and drug-resistant strains. 2015. BMC Complementary and Alternative Medicine, pp 15:56, **@2015**

435. Dobrikov G., **Valcheva V.**, Nikolova Y., Ugrinova I., Pasheva E., Dimitrov V.. Enantiopure antituberculosis candidates synthesized from (-)-fenchone. European Journal of Medicinal Chemistry, 77, Elsevier, 2014, ISSN:0223-5234, DOI:doi:10.1016/j.ejmech.2014.03.025, 243 - 247. ISI IF:3.447

Цитира се в:

1265. Dorsz, M., Kleniewska, K., & Wojaczyńska, E. (2015). Monoimines derived from (1 R, 2 R)-1, 2-diaminocyclohexane in aza-Diels-Alder reaction: synthesis and characterization of sulfur derivatives based on the 2-azanorbornyl skeleton.Phosphorus, Sulfur, and Silicon and the Related Elements, (just-accepted), 00-00, **@2015**

1266. Sokolova, A. S., Yarovaya, O. I., Shernyukov, A. V., Gatilov, Y. V., Razumova, Y. V., Zarubaev, V. V., Salakhutdinov, N. F. (2015). Discovery of a new class of antiviral compounds: Camphor imine derivatives. European journal of medicinal chemistry, 105, 263-273., **@2015**

1267. Zeng, H., Chen, X., & Liang, J. (2015). In vitro antifungal activity and mechanism of

essential oil from fennel (Foeniculum vulgare L.) on dermatophyte species.Journal of medical microbiology, 64(Pt 1), 93-103., **@2015**

436. Ivanova J., **Stoyancheva G.**, Pouneva I.. Lysis of Antarctic algal strains by bacterial pathogen.. ANTONIE VAN LEEUWENHOEK INTERNATIONAL JOURNAL OF GENERAL AND MOLECULAR MICROBIOLOGY, 105, 6, Springer, 2014, ISSN:ISNN 0003-6072, 997 - 1005. ISI IF:1.806

Цитира се в:

1268. Cho, D. H., Ramanan, R., Heo, J., Lee, J., Kim, B. H., Oh, H. M., & Kim, H. S. (2015). Enhancing microalgal biomass productivity by engineering a microalgal–bacterial community. Bioresource technology, 175, 578-585., **@2015**

437. Valcheva V.. Synthesis and antimycobacterial activity of novel camphane-based agents. Bioorganic and Medicinal Chemistry Letters, 24, 125, Elsevier, 2014, ISSN:0960-894X, DOI:doi:10.1016/j.bmcl.2013.11.050, 165 - 167. ISI IF:2.42

Цитира се в:

1269. Gnihigama, D. U., Sureram, S., Sangher, S., Hongmanee, P., Aree, T., Mahidol, C., Kittakoop, P. (2015). Antimycobacterial activity of natural products and synthetic agents: Pyrrolodiquinolines and vermelhotin as anti-tubercular leads against clinical multidrug resistant isolates of Mycobacterium tuberculosis. European journal of medicinal chemistry, 89, 1-12., **@2015**

1270. Stepanovs, D., Posevins, D., Turks, M. (2015). Crystal structures of two (±)-exo-N-isobornylacetamides. Acta Crystallographica Section E: Crystallographic Communications, 71(10), 1117-1120., **@2015**

1271. Sokolova, A. S., Morozova, E. A., Vasilev, V. G., Yarovaya, O. I., Tolstikova, T. G., & Salakhutdinov, N. F. (2015). Curare-like camphor derivatives and their biological activity. Russian Journal of Bioorganic Chemistry, 41(2), 178-185., **@2015**

1272. Sokolova, A. S., Yarovaya, O. I., Shernyukov, A. V., Gatilov, Y. V., Razumova, Y. V., Zarubaev, V. V., Salakhutdinov, N. F. (2015). Discovery of a new class of antiviral compounds: Camphor imine derivatives. European journal of medicinal chemistry, 105, 263-273., **@2015**

1273. Felipe dos Santos Fernandes, G., Hartmann Jornada, P., de Souza, C., Man Chin, C., Rogerio Pavan, F., & Leandro dos Santos, J. (2015). Current Advances in Antitubercular Drug Discovery: Potent Prototypes and New Targets. Current medicinal chemistry, 22(27), 3133-3161., **@2015**

438. Nikolaeva-Glomb, L, Mukova L, Nikolova, N, Badjakov, I, Dincheva, I, Kondakova, V, **Doumanova, L**, **Galabov, A.S**. Anti-cancer properties of gastropodan hemocyanins in murine model of colon carcinoma. Natural Product Communications, 9, 1, 2014, ISSN:ISSN 1934-578X, e-ISSN 1555-9475, 51 - 54. ISI IF:0.906

Цитира се в:

1274. Antioxidant properties of fruits of raspberry and blackberry grown in central Europe Anna Kostecka-Gugala , University of Agriculture in Krakov OPEN CHEMISTRY 13(1) · JANUARY 2015 Impact Factor: 1.33 · DOI: 10.1515/chem-2015-0143, **@2015**

1275. DiCaprio, E., Culbertson, D., Li, J.Evidence of the internalization of animal caliciviruses via the roots of growing strawberry plants and dissemination to the fruit (2015) Applied and Environmental Microbiology, 81 (8), pp. 2727-2734., **@2015**

1276. Internalization and Dissemination of Human Norovirus and Animal Caliciviruses in Fresh Produce and Non-thermal Processes to Inactivate Human Norovirus, **@2015**

439. Dupont, A, Mohamed, F, Glenn, S, Francescut, L, Adib, R, Byrne, S, **Dimitrova, P**, Schwaeble, W, **Ivanovska, N**, Stover, C. Septicaemia models using Streptococcus pneumoniae and Listeria monocytogenes: understanding the role of complement properdin. Medical Microbiology and Immunology, 203, (4), 2014, 257 - 271. ISI IF:2.7

Цитира се в:

1277. Pagliano, P., Attanasio, V., Rossi, M., Carleo, M. A., Carannante, N., Ascione, T., ... & Fraganza, F. (2015). Listeria monocytogenes meningitis in the elderly: Distinctive characteristics of the clinical and laboratory presentation. Journal of Infection., **@2015**

1278. Charchaflieh, J., Rushbrook, J., Worah, S., & Zhang, M. (2015). Activated Complement Factors as Disease Markers for Sepsis. Disease markers, 2015. Article ID 382463, 9 pages., **@2015**

440. Marin, P., Borba, C.E., Modenes, A.N., Espinoza-Quinones, F.R., Oliveira, S.P.D. De, **Kroumov, A.D.**. Determination of the mass transfer limiting step of dye adsorption onto commercial adsorbent by using mathematical models. Environmental Technology (United Kingdom), 35, 18, Taylor & Francis, 2014, ISSN:09593330, DOI:10.1080/09593330.2014.904445, 2356 - 2364. ISI IF:1.606

Цитира се в:

1279. Hasanzadeh, M., F. Farajbakhsh, N. Shadjou and A. Jouyban (2015): Mesoporous (organo) silica decorated with magnetic nanoparticles as a reusable nanoadsorbent for arsenic removal from water samples. Environmental Technology (United Kingdom). 36(1), 36-44. ISSN:0959-3330, DOI: 10.1080/09593330.2014.934744, **@2015**

1280. Janet, A. and R. Kumaresan (2015): Removal of dyes in adsorption column. Journal of Chemical & Pharmaceutical Research. 7(3). ISSN:0975-7384, **@2015**

1281. Ribeiro, M.V.S., V. Slusarski-Santana and N.R.C. Fernandes-Machado (2015): Degradação do efluente gerado na etapa de tingimento de peles de peixe por fotocatálise heterogênea. Blucher Chemical Engineering Proceedings. 1(3), 1547-1552. ISSN:2359-1757, DOI: 10.5151/chemeng-cobeqic2015-251-33016-263845, **@2015**

441. Kieber-Emmons, T., Saha, S, **Pashov, A.**, Monzavi-Karbassi, B,., Murali, R.. Carbohydrate-mimetic peptides for pan anti-tumor responses. Front Immunol, 5, 2014

Цитира се в:

1282. Agostino, M. and E. Yuriev (2015). "Editorial: Structural and computational glycobiology - Immunity and infection." Frontiers in Immunology 6(JUL)., **@2015**

1283. Cerezo, D., et al. (2015). "Peptide vaccines for cancer therapy." Recent Patents on Inflammation and Allergy Drug Discovery 9(1): 38-45., **@2015**

1284. Boligan, K. F., et al. (2015). "Cancer intelligence acquired (CIA): Tumor glycosylation and sialylation codes dismantling antitumor defense." Cellular and Molecular Life Sciences 72(7): 1231-1248., **@2015**

442. **Gyurkovska, V**, **Stefanova, T**, **Dimitrova, P**, **Danova, S**, Tropcheva, R, **Ivanovska, N**. Tyrosine kinase inhibitor Tyrphostin AG490 retards chronic joint inflammation in mice.

Inflammation, 37, 4, Springer, 2014, ISSN:0360-3997, ISI IF:2.45

Цитира се в:

1285. Wang D, Yin J, Dong R, Zhao J, Wang Q, Wang N, et al. Inhibition of Janus kinase-2 signalling pathway ameliorates portal hypertensive syndrome in partial portal hypertensive and liver cirrhosis rats. Dig Liver Dis. 2015, 47(4):315-323., **@2015**

1286. Zhang T, Jiang B, Zou S-, Liu F, Hua D. Overexpression of B7-H3 augments anti-apoptosis of colorectal cancer cells by Jak2-STAT3. World J Gastroenterol 2015;21(6):1804-1813., **@2015**

443. Kalniev, M., Krastev, N., Krastev, D., **Mileva, M.**. An unusual variation of an additional plantaris originating from the soleus. International Journal of Anatomical Variations, 7, 2014, 93 - 95

Цитира се в:

1287. Spang, Ch., The plantaris tendon in relation to the Achilles tendon in midportion Achilles tendinopathy: studies on morphology, innervation and signalling substances. Digitala Vetenskapliga Arkivet, Umeå University , 2015. , 71 s., **@2015**

444. Milanova, V, **Ivanovska, N**, **Dimitrova, P**. TLR2 Elicits IL-17-Mediated RANKL Expression, IL-17, and OPG Production in Neutrophils from Arthritic Mice. Mediators of Inflammation, 2014, 2014, Hindawi Publishing Corporation, 2014, ISSN:0962-9351, DOI:dx.doi.org/10.1155/2014/643406, SJR:0.91, ISI IF:3.52

Цитира се в:

1288. Huppler A, Verma A, Conti H, Gaffen S: Neutrophils Do Not Express IL-17A in the Context of Acute Oropharyngeal Candidiasis. Pathogens 2015, 4(3):559., **@2015**

445. **Pashov, A. D.**, Calvez, T., Gilardin, L., Maillere, B., Repesse, Y., Oldenburg, J., Pavlova, A., Kaveri, S. V., Lacroix-Desmazes, S.. In silico calculated affinity of FVIII-derived peptides for HLA class II alleles predicts inhibitor development in haemophilia A patients with missense mutations in the F8 gene. Haemophilia, 20, 2, 2014, 176 - 184. ISI IF:3.17

Цитира се в:

1289. Astermark, J. (2015). "FVIII inhibitors: Pathogenesis and avoidance." Blood 125(13): 2045-2051., **@2015**

1290. Shepherd, A. J., et al. (2015). "A large-scale computational study of inhibitor risk in non-severe haemophilia A." British Journal of Haematology 168(3): 413-420., **@2015**

446. **Gousterova A.**, Paskaleva D., **Vasileva-Tonkova E**. Characterization of Culturable Thermophilic Actinobacteria from Livingston Island, Antarctica.. International Research Journal of Biological Sciences, 3, 2014, ISSN:2278-3202, 30 - 36

Цитира се в:

1291. Khalid A., Mahmood S. (2015) The Biodegradation of Azo Dyes by Actinobacteria. In Microbial Degradation of Synthetic Dyes in Wastewaters, Springer International Publishing, Switzerland, pp. 297-314., **@2015**

1292. Shivlata L., Satyanarayana T. (2015) Thermophilic and alkaliphilic Actinobacteria: biology and potential applications. Frontiers in Microbiology, 6, DOI:

10.3389/fmicb.2015.01014, **@2015**

1293. Passari A.K., Mishra V.K., Saikia R., Gupta V.K., Singh B. (2015) Isolation, abundance and phylogenetic affiliation of endophytic actinomycetes associated with medicinal plants and screening for their in vitro antimicrobial biosynthetic potential. Frontiers in Microbiology, 6, DOI: 10.3389/fmicb.2015.00273, **@2015**

447. Tomova I., Gladka G., Tashyrev A., **Vasileva-Tonkova E.**. Isolation, identification and hydrolytic enzymes production of aerobic heterotrophic bacteria from two Antarctic islands.. International Journal of Environmental Sciences, 4, 2014, ISSN:0976-4402, 614 - 625

Цитира се в:

1294. Martinez-Rosales, C., Marizcurrena, J. J., Iriarte, A., Fullana, N., Musto, H., & Castro-Sowinski, S. (2015) Characterizing proteases in an Antarctic Janthinobacterium sp. isolate: Evidence of a protease horizontal gene transfer event. Advances in Polar Science, 26, 88-95., **@2015**

1295. Kakkar N., Gupta S.K., Saharan B.S. (2015) Studies on cellulolytic activity and structure of symbiotic bacterial community in Odontotermes parvidens guts. Int. J. Curr. Microbiol. Appl. Sci., 4, 310-315., **@2015**

448. Bekov S., Ivanov I., **Georgiev V.**, Codina C., **Pavlov A.**. Galanthamine biosynthesis in plant in vitro systems.. Engineering in Life Sciences, 14, 6, 2014, 643 - 650. ISI IF:2.485

Цитира се в:

1296. Saliba S., Ptak A., Laurain-Mattar D. 4'-O-Methylnorbelladine feeding enhances galanthamine and lycorine production by Leucojum aestivum L. shoot cultures. Engineering in Life Sciences, 15(6): 640 - 645, 2015., **@2015**

1297. Nugent J., Matoušová E., Banwell M.G. A Total Synthesis of Galanthamine Involving De Novo Construction of the Aromatic C-Ring. European Journal of Organic Chemistry, 2015(17): 3771 - 3778, 2015., **@2015**

1298. Banwell M.G., Buckler J.N., Jackson C.J., Lan P., Ma X., Matoušová E., Nugent J. Devising New Syntheses of the Alkaloid Galanthamine, a Potent and Clinically Deployed Inhibitor of Acetylcholine Esterase. Strategies and Tactics in Organic Synthesis. 11: 29 – 50, 2015., **@2015**

1299. Abeli Th., Cauzzi P., Rossi G., Adorni M., Vagge I., Parolo G., Orsenigo S. Restoring population structure and dynamics in translocated species: learning from wild populations. Plant Ecology. In press, 2015., **@2015**

449. **Pavlov A.**. Plant cells and algae in bioreactors II.. Engineering in Life Sciences, 14, 6, 2014, 548 - 549. ISI IF:2.485

Цитира се в:

1300. Göbel U., Integration in bioprocess engineering – highlights of Engineering in Life Sciences in 2014. Engineering in Life Sciences. 15(1): 2–3, 2015., **@2015**

450. **Georgiev V.**, Schumann A., **Pavlov A.**, Bley Th.. Temporary immersion systems in plant biotechnology.. Engineering in Life Sciences., 14, 6, 2014, 607 - 621. ISI IF:2.485

Цитира се в:

1301. Albany de Vilchez N.R., Perozo J.A.V., León de Sierralta S., Fereira A.R.N., Ferrer

L.J.M., Pulgar M.Á.M. Liquid medium culture: an approach for the commercial micropropagation of aloe (Aloe barbadensis Mill.). Rev. Colomb. Biotecnol. 17(1): 24-31, 2015., **@2015**

1302. Saliba S., Ptak A., Laurain-Mattar D. 4'-O-Methylnorbelladine feeding enhances galanthamine and lycorine production by Leucojum aestivum L. shoot cultures. Engineering in Life Sciences, 15(6): 640 - 645, 2015., **@2015**

1303. Fei L., Weathers P. From leaf explants to hanging rooted plantlets in a mist reactor. Plant Cell, Tissue and Organ Culture. In press, 2015., **@2015**

1304. Vilchez, J., Albany, N. (2015). Determinación de parámetros de cultivo en la germinación de embriones somáticos de Psidium guajava L. en sistemas de inmersión temporal de tipo RITA®. Revista de la Facultad de Agronomía, 32(2). ISSN: 0378-7818. http://200.74.222.178/index.php/agronomia/article/view/20316/20231, **@2015**

1305. Jeong, B. R., Sivanesan, I. Micropropagation, berberine content and antitumor activity of Jeffersonia dubia (Maxim.) Benth et Hook. Plant Cell, Tissue and Organ Culture (PCTOC), 1-6. ISSN: 0167-6857, **@2015**

451. Petkova N., , ,,, Vrancheva R., Denev P., Ivanov I., **Pavlov A.**. HPLC-RID method for the determination of inulin and fructooligosaccharides,. Acta Scietifica Naturales, 1, 2014, 99 - 107

Цитира се в:

1306. Rodríguez-Gómez R., Jiménez-Díaz I., Zafra-Gómez A., Morales J.C. Improved sample treatment for the determination of fructooligosaccharides in milk related products by liquid chromatography with electrochemical and refractive index detection. Talanta, 144(1): 883–889, 2015., **@2015**

452. Saha, S., **Pashov, A.**, Siegel, E., Murali, R., Kieber-Emmons, T.. Defining the recognition elements of lewis y-reactive antibodies. PLoS One, 9, 8, 2014, ISI IF:3.5

Цитира се в:

1307. Dingjan, et al. (2015). "Structural biology of antibody recognition of carbohydrate epitopes and potential uses for targeted cancer immunotherapies." Molecular Immunology 67(2): 75-88., **@2015**

453. Gesheva, V, **Kerekov NS**, **Nikolova K**, **Mihaylova N**, Todorov T, Nikolova M, **Tchorbanov A**. Suppression of dsDNA-specific B lymphocytes reduces disease symptoms in SCID model of mouse lupus. Autoimmunity, 2014, ISI IF:2.714

Цитира се в:

1308. Selmi, C. Autoimmunity in 2014. Clinical Reviews in Allergy and Immunology 49 (2), pp. 93-99,, **@2015**

454. Marinozzi, M. C., Vergoz, L., Rybkine, T., Ngo, S., Bettoni, S., **Pashov, A.**, Cayla, M., Tabarin, F., Jablonski, M., Hue, C., Smith, R. J., Noris, M., Halbwachs-Mecarelli, L., Donadelli, R., Fremeaux-Bacchi, V., Roumenina, L. T.. Complement factor B mutations in atypical hemolytic uremic syndrome-disease-relevant or benign?. J Am Soc Nephrol, 25, 9, 2014, 2053 - 2065. ISI IF:8.99

Цитира се в:

1309. Karpman, D., et al. (2015). Complement interactions with blood cells, endothelial cells and microvesicles in thrombotic and inflammatory conditions. Advances in Experimental Medicine and Biology, Springer New York LLC. 865: 19-42., **@2015**

1310. Gavriilaki, E., et al. (2015). "Modified Ham test for atypical hemolytic uremic syndrome." Blood 125(23): 3637-3646., **@2015**

1311. Imamura, H., et al. (2015). "Familial C3 glomerulonephritis associated with mutations in the gene for complement factor B." Nephrology Dialysis Transplantation 30(5): 862-864., **@2015**

1312. Sperati, C. J. and A. R. Moliterno (2015). "Thrombotic Microangiopathy. Focus on Atypical Hemolytic Uremic Syndrome." Hematology/Oncology Clinics of North America 29(3): 541-559., **@2015**

455. **Mutafova B**. Molecular biodiversity and recent analytical developments: A marriage of convenience.. Biotechnology Advances, 32, 6, 2014, 1102 - 1110. ISI IF:9.015

Цитира се в:

1313. Do, Q.T., Medina-Franco, J.L., Scior, T., Bernard, P. How to valorize biodiversity? Let's go hashing, extracting, filtering, mining, fishing (2015) Planta Medica, 81 (6), pp. 436-449., **@2015**

456. Tsvetanova F., **Petrova P.**, Petrov K.. 2,3-Butanediol production from starch by engineered Klebsiella pneumoniae G31-A. Applied Microbiology and Biotechnology, 98, 6, Springer Verlag, 2014, ISSN:0175-7598, DOI:10.1007/s00253-013-5418-4, 2441 - 2451. SJR:1.174, ISI IF:3.337

Цитира се в:

1314. Tian Y., Fan Y., Liu J., Zhao X., Chen W. Effect of nitrogen, carbon sources and agitation speed on acetoin production of Bacillus subtilis SF4-3, Electronic Journal of Biotechnology, 2015, doi:10.1016/j.ejbt.2015.11.005., **@2015**

1315. Jiang X., Zhu C., Lin J., Li J., Fu S., Gong H. Vector promoters used in Klebsiella pneumoniae", Biotechnology and Applied Biochemistry, 2015, doi: 10.1002/bab.1423., **@2015**

457. Birner, P., Pusch, S., Christov, C., Mihaylova, S., Toumangelova-Uzeir, K., Natchev, S., Schoppmann, S.F., **Tchorbanov, A.**, Streubel, B., Tuettenberg, J., Guentchev, M.. Mutant IDH1 inhibits PI3K/Akt signaling in human glioma. Cancer, 120, 16, 2014, 2440 - 2447. ISI IF:5.068

Цитира се в:

1316. Bruckman, K.C., Napoli, J.A., Diecidue, R.J., Gold, L. Facial dysmorphology and odontogenic tumor development associated with inborn errors of metabolism: A case report. Journal of Oral and Maxillofacial Surgery 2015, 73(2), 274 – 283., **@2015**

1317. Yao, Y., Ma, J., Xue, Y., Wang, P., Li, Z., Li, Z., Hu, Y., Shang, X., Liu, Y. MiR-449a exerts tumor-suppressive functions in human glioblastoma by targeting Myc-associated zinc-finger protein. Molecular Oncology 2015, 9(3), 640-656., **@2015**

1318. Parker, S.J., Metallo, C.M. Metabolic consequences of oncogenic IDH mutations. Pharmacology and Therapeutics 2015, 152, 54-62, **@2015**

1319. Grau, Stefan J., et al. "Podoplanin increases migration and angiogenesis in malignant glioma." International journal of clinical and experimental pathology 8.7 (2015):

8663, **@2015**

458. Prasanth C., Karunakaran S., Paul A., **Kussovski V.**, Mantareva V., Ramaiah D., Selvaraj L., Angelov I., Avramov L., Nandakumar K., Subhash N.. Antimicrobial Photodynamic Efficiency of Novel Cationic Porphyrins towards Periodontal Gram-positive and Gram-negative Pathogenic Bacteria.. Photochemistry and Photobiology, 90, © The American Society of Photobiology, 2014, ISSN:Online ISSN: 1751-1097, DOI:DOI: 10.1111/php.12198, 628 - 640. ISI IF:2.266

Цитира се в:

1320. Meng S., Z. Xu, G. Hong, L. Zhao, Z. Zhao, J. Guo, H. Ji, T. Liu. Synthesis, characterization and in vitro photodynamic antimicrobial activity of basic amino acideporphyrin conjugates. Eur J Med Chem 92 (2015) 35-48, **@2015**

1321. Zhang L., A. Wang, S. Lu, L. Zhou, J. Zhou, Y. Lin, S.Wei. The influences of the number of the ammonium groups and their arrangement manner on the photophysical properties of the quaternized zinc phthalocyanines. Inorg Chem Communi 53 (2015) 15–19, **@2015**

1322. Karimipour G., S. Kowkabi, A. Naghiha. New aminoporphyrins bearing urea derivative substituents: synthesis, characterization, antibacterial and antifungal activity. Braz. arch. biol. technol. vol.58, 2015, 3., **@2015**

1323. Rangasamy S., H. Ju, S. Um, D-C. Oh, J.M. Song. Mitochondria and DNA targeting 5, 10, 15, 20-tetrakis(7-sulfonatobenzo[b]thiophene) porphyrin induced photodynamic therapy via intrinsic and extrinsic apoptotic cell death. J. Med. Chem., 2015, 58 (17), pp 6864–6874,, **@2015**

1324. Wikene K.O., E. Bruzell, H.H. Tønnesen. Improved antibacterial phototoxicity of a neutral porphyrin in natural deep eutectic solvents. Journal of Photochemistry and Photobiology B: Biology 148 (2015) 188–196, **@2015**

459. Ivanov, I, Vrancheva, R, **Marchev, A**, Petkova, N, Aneva, I, Denev P, **Georgiev,V**, **Pavlov A**. Antioxidant activities and phenolic compounds in Bulgarian Fumaria species. International Journal of Current Microbiology and Applied Sciences, 3, 2, 2014, ISSN:2319-7706, 296 - 306. ISI IF:0.387

Цитира се в:

1325. Chanaj-Kaczmarek, J., Wysocki, M., Karachitos, A., Wojcińska, M., Bartosz, G., Matławska, I., & Kmita, H. (2015). Effects of plant extract antioxidative phenolic compounds on energetic status and viability of Saccharomyces cerevisiae cells undergoing oxidative stress. Journal of Functional Foods, 16, 364-377, **@2015**

1326. Brkljac□a, R., White, J. M., & Urban, S. (2015). Phytochemical Investigation of the Constituents Derived from the Australian Plant Macropidia fuliginosa. Journal of Natural Products. DOI: 10.1021/acs.jnatprod.5b00161, **@2015**

1327. Subacute Effects of Standardized Fumaria Vaillantii Lois. Ethanol Extract on Trace Element Levels, Biochemical and Histopathological Parameters in Experimental Liver Toxicity, **@2015**

1328. Teneva-Angelova, T., & Beshkova, D. (2015). Resistance profile of plant-derived lactic acid bacteria against herb extracts. Scientific Bulletin. Series F. Biotechnologies, 19, 109-116., **@2015**

1329. Mabrouki, L., Zougari, B., Bendhifi, M., & Borgi, M. A. (2015). Evaluation of antioxidant capacity, phenol and flavonoid contents of Opuntia streptacantha and

Opuntia ficus indica fruits pulp. Nature & Technology, (13), 2, **@2015**

1330. Prokopov, Ts., Goranova, Zh., Baeva, M., Salvov, A., & Galanakis, Ch. (2015). Effects of powder from white cabbage outer leaves on sponge cake quality. International Agrophysics, 29, 493-500, **@2015**

460. **Marchev A**, Haas, C, Schulz, S, **Georgiev, V**, Steingroewer, J, Bley, Th, **Pavlov, A**. Sage in vitro cultures: a promising tool for the production of bioactive terpenes and phenolic substances. Biotechnology Letters, 36, 2, Springer, 2014, DOI:10.1007/s10529-013-1350-z, 211 - 221. ISI IF:1.853

Цитира се в:

1331. Bassolino, L., Giacomelli, E., Giovanelli, S., Pistelli, L., Cassetti, A., Damonte, G., Bisio, A., Ruffoni, B. (2015). Tissue culture and aromatic profile in Salvia dolomitica Codd. Plant Cell, Tissue and Organ Culture (PCTOC), 121(1), 83-95, **@2015**

1332. Senthil, K., Jayakodi, M., Thirugnanasambantham, P., Lee, S. C., Duraisamy, P., Purushotham, P. M., Rajasekaran, K., Charles, S.N., Roy, I.M., Nagappan, A.K., Kim, G.S., Lee, Y.S., Natesan, S., Min, T.S., Yang, T. J. (2015). Transcriptome analysis reveals in vitro cultured Withania somnifera leaf and root tissues as a promising source for targeted withanolide biosynthesis. BMC genomics, 16(1), 14, **@2015**

1333. Luczkiewicz, M., Jesionek, A., Kokotkiewicz, A., Migas, P., Mardarowicz, M., Szreniawa-Sztajnert, A., Zabiegala, B., Bucinski, A. (2015). Production of essential oils from in vitro cultures of Caryopteris species and comparison of their concentrations with in vivo plants. Acta Physiologiae Plantarum, 37(3), 1-11, **@2015**

1334. Kračun-Kolarević, M., Dmitrović, S., Filipović, B., Perić, M., Mišić, D., Simonović, A., Todorović, S. (2015). Influence of sodium salicylate on rosmarinic acid, carnosol and carnosic acid accumulation by Salvia officinalis L. shoots grown in vitro. Biotechnology letters, 1-9, **@2015**

1335. Singh, P., Kalunke, R. M., Giri, A. P. (2015). Towards comprehension of complex chemical evolution and diversification of terpene and phenylpropanoid pathways in Ocimum species. RSC Advances, 5(129), 106886-106904. ISSN 2046-2069, **@2015**

1336. Usano-Alemany, J., Palá-Paúl, J., Herráiz-Peñalver, D. (2015). Essential oil yields and qualities of different clonal lines of Salvia lavandulifolia monitored in Spain over four years of cultivation. Industrial Crops and Products. ISSN: 0926-6690, **@2015**

461. **Valcheva V.**. Antimycobacterial activity of chiral aminoalcohols with camphane scaffold. European Journal of Medicinal Chemistry, 81, Elsevier, 2014, ISSN:0223-5234, DOI:doi:10.1016/j.ejmech.2014.05.007, 150 - 157. ISI IF:3.447

Цитира се в:

1337. Felipe dos Santos Fernandes, G., Hartmann Jornada, P., de Souza, C., Man Chin, C., Rogerio Pavan, F., Leandro dos Santos, J. (2015). Current Advances in Antitubercular Drug Discovery: Potent Prototypes and New Targets. Current medicinal chemistry, 22(27), 3133-3161, **@2015**

1338. Ganihigama, D. U., Sureram, S., Sangher, S., Hongmanee, P., Aree, T., Mahidol, C., Kittakoop, P. (2015). Antimycobacterial activity of natural products and synthetic

agents: Pyrrolodiquinolines and vermelhotin as anti-tubercular leads against clinical multidrug resistant isolates of Mycobacterium tuberculosis. European journal of medicinal chemistry, 89, 1-12., **@2015**

462. **Tropcheva, R.**, Nikolova, D., Evstatieva, Y., **Danova, S.**. Antifungal activity and identification of Lactobacilli, isolated from traditional dairy product "katak. Anaerobe, 28, pp. 78-84, Elsevier, 2014, ISSN:1075-9964, DOI:pp. 78-84, 78 - 84. SJR:0.889, ISI IF:2.479

Цитира се в:

1339. Maurya, S., Priya, T., Tripathi, A., Jayanthi, S. & Vimala, R. 2015, "Lactic acid bacteria: A potential tool in biological preservation of food", Research Journal of Pharmaceutical, Biological and Chemical Sciences, vol. 6, no. 3, pp. 550-555., **@2015**

463. **Paunova-Krasteva Ts**, Pavlova V, DeCastro C, Ivanova R, Molinaro A, Nikolova E, **Stoitsova S**. Cyclic enterobacterial common antigens from Escherichia coli O157 as microbe-associated molecular patterns. Canadian Journal of Microbiology, 60, 2014, DOI:doi: 10.1139/cjm-2013-0697, 173 - 176. ISI IF:1.199

Цитира се в:

1340. K. Kasperkiewicz, M. Noszczynska, A. Piszczek, ECA – wspolny antygen powierzchniowy paleczek rodziny Enterobacteriaceae. Post. Mikrobiol. 54(2), 2015, 165-174., **@2015**

1341. T. Gozdziewicz, J. Lukasiewicz, C. Lugowski, The structure and significance of enterobacterial common antigen (ECA), Postepy Hig Med Dosw (online), 2015, 69, 1003-1012., **@2015**

464. Bankova, V., **Galabov, A.S.**, Antonova, D., **Vilhelmova, N.**, Di Perri, B.. Chemical composition of Propolis Extract ACF® and activity against herpes simplex virus. Phytomedicine, 21, 11, Elsevier, 2014, DOI:doi: 10.1016/j.phymed.2014.04.026., 1432 - 1438. SJR:0.93, ISI IF:3.126

Цитира се в:

1342. Rassu G., Cossu M., Langascoa R., Carta A., Cavalli R., Giunchedia P., Gavinia E. Propolis as lipid bioactive nano-carrier for topical nasal drug delivery. 2015. Colloids and Surfaces B: Biointerfaces, **@2015**

1343. Silva-Carvalho R., Baltazar F., Almeida-Aguiar C. Propolis: A Complex Natural Product with a Plethora of Biological Activities That Can Be Explored for Drug Development. 2015. Evidence-Based Complementary and Alternative Medicine, http://dx.doi.org/10.1155/2015/206439, **@2015**

465. Terziyski I., Stoineva I.,, **Christova N.,**, Alexandrova L., Todorov R., Cohen R.. Foam and wetting films from rhamnolipids produced by Pseudomonas aeruginosa BN10.. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 460, 2014, ISSN:0927-7757, 299 - 305. ISI IF:2.354

Цитира се в:

1344. JP Sinumvayo, N Ishimwe. Agriculture and Food Applications of Rhamnolipids and its Production by Pseudomonas Aeruginosa. Journal of Chemical Engineering & Process Technology,, **@2015**

466. **Vasileva-Tonkova E.**, Romanovskaya V., Gladka G., **Gouliamova D.**, Tomova I., **Stoilova-Disheva M.**, Tashyrev O.. Ecophysiological properties of cultivable heterotrophic bacteria and yeasts dominating in phytocenoses of Galindez Island, maritime Antarctica. World J. Microbiol. Biotechnol., 30, 2014, ISSN:ISSN 0959-3993, 1387 - 1398. ISI IF:1.779

Цитира се в:

1345. Xing M., Li Z., Wang W., Sun M. (2015) Diversity of bacterioplankton in the surface seawaters of Drake Passage near the Chinese Antarctic station. FEMS Microbiology Letters, 362, DOI: http://dx.doi.org/10.1093/femsle/fnv106, **@2015**

467. Nikolaeva-Glomb, L., Mukova, L., Nikolova, N., Badjakov, I., Dincheva, I., Kondakova, V., **Doumanova, L.**, **Galabov, A.S.**. In vitro antiviral activity of a series of wild berry fruit extracts against representatives of Picorna-, Orthomyxo- and Paramyxoviridae. Nat Prod Commun, 9, 1, 2014, ISSN:1555-9475 (online), 51 - 54. ISI IF:0.906

Цитира се в:

1346. EL DiCaprio. Internalization and Dissemination of Human Norovirus and Animal Caliciviruses in Fresh Produce and Non-thermal Processes to Inactivate Human Norovirus. 2015 – Dissertation., The Ohio State University, **@2015**

1347. DiCaprio E., Culbertson D. and Lia J. Evidence of the internalization of animal caliciviruses via the roots of growing strawberry plants and dissemination to the fruit. 2015. Applied and Environmental Microbiology. 81, 8, pp. 2727-2734, **@2015**

468. **Stoyancheva G.**, Marzotto M., Dellaglio F., Torriani S.. Bacteriocin production and gene sequencing analysis from vaginal Lactobacillus strains.. Archives of microbiology, 196, 9, 2014, ISSN:ISNN 0302-8933, DOI:DOI 10.1007/s00203-014-1003-1, 645 - 653. ISI IF:1.67

Цитира се в:

1348. Nader-Macías, M. E. F., & Tomás, M. S. J. (2015). Profiles and technological requirements of urogenital probiotics. Advanced drug delivery reviews, 92, 84-104., **@2015**

1349. Zheng, J., Gänzle, M. G., Lin, X. B., Ruan, L., & Sun, M. (2015). Diversity and dynamics of bacteriocins from human microbiome. Environmental microbiology, 17(6), 2133–2143., **@2015**

2015

469. **Zahmanov G.**, Alipieva K.I., Simova S., **Georgiev M.I.**. Metabolic differentiations of dwarf elder by NMR-based metabolomics. Phytochemistry Letters, 11, Elsevier, 2015, ISSN:1874-3900, 404 - 409. SJR:0.543, ISI IF:1.45

Цитира се в:

1350. 1H NMR metabolic fingerprinting to probe temporal postharvest changes on qualitative attributes and phytochemical profile of sweet cherry fruit, **@2015**

1351. Differentiation of Nigella sativa seeds from four different origins and their bioactivity correlations based on NMR-metabolomics approach, **@2015**

1352. Comparison of fruits of forsythia suspensa at two different maturation stages by NMR-based metabolomics, **@2015**

1353. Metabolic alterations of Verbascum nigrum L. plants and SAArT transformed roots as revealed by NMR-based metabolomics, **@2015**

470. **Stoykov Y.**, **Pavlov A.**, Krastanov A.. Chitinase biotechnology: Production, purification and application. Engineering in Life Sciences, 15, 1, 2015, 30 - 38. ISI IF:2.49

Цитира се в:

1354. Spadaroa D., Drobyb S. Development of biocontrol products for postharvest diseases of fruit: The importance of elucidating the mechanisms of action of yeast antagonists. Trends in Food Science and Technology, in press, 2015, **@2015**

471. Garimalla, S, Kieber-Emmons, T, **Pashov, A.D.**. The Patterns of Coevolution in Clade B HIV Envelope's N-Glycosylation Sites. PLoS ONE, 10, 2015, ISI IF:3.2

Цитира се в:

1355. Rawi R, Kunji K, Haoudi A, Bensmail H. Coevolution Analysis of HIV-1 Envelope Glycoprotein Complex. He Y, ed. PLoS ONE. 2015;10(11):e0143245. doi:10.1371/journal.pone.0143245., **@2015**

472. Staneva D., Atanasova D., **Vasileva-Tonkova E.**, Lukanova V., Grabchev I.. A cotton fabric modified with a hydrogel containing ZnO nanoparticles. Preparation and properties study.. Applied Surface Science, 345, 2015, ISSN:0169-4332, 72 - 80. ISI IF:2.711

Цитира се в:

1356. Zhao F., Yao D., Guo R., Deng L., Dong A., Zhang J. (2015). Composites of Polymer Hydrogels and Nanoparticulate Systems for Biomedical and Pharmaceutical Applications. Nanomaterials, 5(4), 2054-2130., **@2015**

1357. Shaheen T.I., El-Naggar M.E., Abdelgawad A.M., Hebeish A. (2015). Durable antibacterial and UV protections of in situ synthesized Zinc oxide nanoparticles onto cotton fabrics. International Journal of Biological Macromolecules, doi: 10.1016/j.ijbiomac.2015.11.003, **@2015**

473. Schneider, C., Smith, D.F., Cummings, R.D., Boligan, K.F., Hamilton, R.G., Bochner, B.S., Miescher, S., Simon, H.-U., **Pashov, A.**, **Vassilev, T.**, von Gunten, S.. The human IgG anti-carbohydrate repertoire exhibits a universal architecture and contains specificity for microbial attachment sites.. Science Translational Medicine, 7, 269, 2015, ISI IF:16

Цитира се в:

1358. Rosenberg JM, Utz PJ. Protein Microarrays: A New Tool for the Study of Autoantibodies in Immunodeficiency. Frontiers in Immunology. 2015;6:138. doi:10.3389/fimmu.2015.00138., **@2015**

1359. Prasanphanich, Nina S., Xuezheng Song, Jamie Heimburg-Molinaro, Anthony E. Luyai, Yi Lasanajak, Christopher E. Cutler, David F. Smith, and Richard D. Cummings. Intact Reducing Glycan Promotes the Specific Immune Response to Lacto-N-neotetraose-BSA Neoglycoconjugates. Bioconjugate Chemistry 2015 26 (3), 559-571, **@2015**

1360. Oliver M.T. Pearce and Heinz Läubli Sialic acids in cancer biology and immunity Glycobiology first published online October 30, 2015 doi:10.1093/glycob/cwv097, **@2015**

1361. Saha, S., Murali, R., Pashov, A., & Kieber-Emmons, T. (2015). The Potential Role of

Solvation in Antibody Recognition of the Lewis Y Antigen. Monoclonal antibodies in immunodiagnosis and immunotherapy, 34(5), 295-302., **@2015**

1362. Do, D. C., Zhao, Y., & Gao, P. (2015). Cockroach Allergen Exposure and Risk of Asthma. Allergy., **@2015**

1363. Pearce, O. M., & Läubli, H. (2015). Sialic acids in cancer biology and immunity. Glycobiology, cwv097., **@2015**

1364. Rosenberg, J. M. and P. J. Utz (2015). "Protein microarrays: A new tool for the study of autoantibodies in immunodeficiency." Frontiers in Immunology 6(APR)., **@2015**

474. **Georgiev, M**, Radziszewska, A, Neumann, M, **Marchev, A**, Alipieva, K, Ludwig-Müller, J. Metabolic alterations of Verbascum nigrum L. plants and SAArT transformed roots as revealed by NMR-based metabolomics. Plant Cell Tissue and Organ Culture, 123, 2, Springer, 2015, DOI:10.1007/s11240-015-0840-1, 349 - 356. ISI IF:2.125

Цитира се в:

1365. Transgenic plants and hairy roots: Exploiting the potential of plant species to remediate contaminants, **@2015**

475. **Zahmanov G.**, Alipieva K.I., Denev P., Todorov D., Hinkov A., Shishkov S., Simova S., **Georgiev M.I.**. Flavonoid glycosides profiling in dwarf elder fruits (Sambucus ebulus L.) and evaluation of their antioxidant and anti-herpes simplex activities. Industrial Crops and Products, Elsevier, 2015, 58 - 64. SJR:1.002, ISI IF:2.837

Цитира се в:

1366. Anti-inflammatory glycosylated flavonoids as therapeutic agents for treatment of diabetes-impaired wounds, **@2015**

476. Yildiz, S. Y., **Radchenkova, N.**, Arga, K. Y., **Kambourova, M.**. Genomic analysis of Brevibacillus thermoruber 423 reveals its biotechnological and industrial potential. Applied Microbiology and Biotechnology, 2015, ISI IF:3.337

Цитира се в:

1367. Raddadi, N., Cherif, A., Daffonchio, D., Neifar, M., Fava, F. (2015). Biotechnological applications of extremophiles, extremozymes and extremolytes. Applied Microbiology and Biotechnology, 99 (19), pp. 7907-7913, **@2015**

477. Staneva D., **Vasileva-Tonkova E.**, Makki M.S.I., Sobahi T.R., Abdel-Rahman R.M., Asiri A.M., Grabchev I.. Synthesis, photophysical and antimicrobial activity of new water soluble ammonium quaternary benzanthrone in solution and in polylactide film.. Journal of Photochemistry and Photobiology B: Biology, 2015, ISSN:1011-1344, ISI IF:2.96

Цитира се в:

1368. Jennings M.C., Minbiole K.P., Wuest W.M. (2015) Quaternary Ammonium Compounds: An Antimicrobial Mainstay and Platform for Innovation to Address Bacterial Resistance. ACS Infectious Diseases, 1, 288-303., **@2015**

1369. Shaki H., Khosravi A., Gharanjig K., Mahboubi A. (2015) Synthesis and biological properties of novel cationic fluorescent dye. International Journal of Technical Research and Applications, 29, 103-106., **@2015**

478. **Gouliamova D.**, **Stoilova-Disheva M.**, Dimitrov R., Smith M., Groenew M., Boekhout T..

Fungal Planet description sheets: 320–370: Metschnikowia colchici , sp. nov.. Persoonia, 34, 367, 2015, DOI:doi: 10.3767/003158515X688433, 258 - 259. ISI IF:5.3

Цитира се в:

1370. PW Crous, LM Carris, A Giraldo, JZ Groenewald… The Genera of Fungi-fixing the application of the type species of generic names–G 2: Allantophomopsis, Latorua, Macrodiplodiopsis, Macrohilum, Milospium, Protostegia, Pyricularia, Robillarda, Rotula, Septoriella, Torula. IMA Fungus, 6(1): 163–198, 2015, **@2015**

1371. ZS Hongsanan, Q Tian, AH Bahkali, JB Yang… Zeloasperisporiales ord. nov., and two new species of Zeloasperisporium. Cryptogamie, Mycologie, 36(6), 301-317, 2015, **@2015**

1372. K Tanaka, K Hirayama, H Yonezawa, G Sato… Revision of the Massarineae (Pleosporales, Dothideomycetes). Studies in Mycology, v. 82, 75-136, 2015, **@2015**

1373. G Elena, J Luque .Pruning debris of grapevine as a potential inoculum source of Diplodia seriata, causal agent of Botryosphaeria dieback. European Journal of Plant Pathology, 1-8, 2015, **@2015**

1374. HA Ariyawansa, KD Hyde, SC Jayasiri, B Buyck…Fungal diversity notes 111–252—taxonomic and phylogenetic contributions to fungal taxa. Fungal Diversity, v. 75 (1) , 2015, **@2015**

479. **Gyurkovska, V**, **Ivanovska, N**. Tyrosine kinase inhibitor tyrphostin AG490 reduces liver injury in LPS-induced shock. European J Pharmacol., 751, 2015, 118 - 126. ISI IF:2.7

Цитира се в:

1375. Rong J1, Li L2, Jing L2, Fang H2, Peng S3. JAK2/STAT3 Pathway Mediates Protection of Metallothionein Against Doxorubicin-Induced Cytotoxicity in Mouse Cardiomyocytes. Int J Toxicol. 2015 Nov 2. pii: 1091581815614261., **@2015**

480. **Petrova P.**, **Velikova P.**, Popova L., Petrov K.. Direct conversion of chicory flour into L(+)-lactic acid by the highly effective inulinase producer Lactobacillus paracasei DSM 23505. Bioresource Technology, 186, June, Elsevier Ltd., 2015, ISSN:0960-8524, DOI:10.1016/j.biortech.2015.03.077, 329 - 333. SJR:2.199, ISI IF:4.494

Цитира се в:

1376. Mladenović D., Đukić-Vuković A., Pejin J., Kocić-Tanackov S., Mojović L., Opportunities, perspectives and limits in lactic acid production from waste and industrial by-products, Hemijska industrija, 2015 OnLine-First Issue 00, Pages: 50-50, **@2015**

481. **Eneva, R**, **Engibarov, S**, **Petrova, P**, **Abrashev, R**, Strateva, T, Kolyovska, V, **Abrashev, I**. High Production of Neuraminidase by a Vibrio cholerae Non-O1 Strain—the First Possible Alternative to Toxigenic Producers. Appl Biochem Biotechnol, 176, Springer, 2015, ISSN:0273-2289, DOI:DOI 10.1007/s12010-015-1584-4, 412 - 427. ISI IF:1.735

Цитира се в:

1377. Chen Zhou, Ming Li, Chengjun Sun, Haimin Zou, Xin Wu, Liyin Zhang, Siyuan Tao, Bingyue Wang, Yongxin Li (2015) Identification of Vibrio cholerae serotypes in high-risk marine products with non-gel sieving capillary electrophoresis. Analytical Biochemistry 494 (2016) 68 - 75 http://dx.doi.org/10.1016/j.ab.2015.10.011, **@2015**

482. Taşkın G., Durmuş M., Yüksel F., Mantareva V., **Kussovski V**, Angelov I., Atilla D.. Axially paraben substituted silicon(IV) phthalocyanines towards dental pathogen Streptococcus mutans: Synthesis, photophysical, photochemical and in vitro properties. Journal of Photochemistry and Photobiology A: Chemistry, 306, ELSEVIER SCIENCE SA, PO BOX 564, 1001 LAUSANNE, SWITZERLAND, 2015, ISSN:ISSN: 1010-6030, DOI:DOI: 10.1016/j.jphotochem.2015.03.010, 31 - 40. ISI IF:2.495

Цитира се в:

1378. Voronina A. A., Filippova A. A. , Znoiko S. A. , Vashurin A. S. , Maizlish V. E. Effect of the solvation properties of the solvent on the formation of associated structures of water-soluble Co(II) phthalocyanines. Russian Journal of Inorganic Chemistry, 2015, Vol. 60, No. 11, pp. 1407–1414., **@2015**

483. Doumanov J., Mladenova K., Topouzova-Hristova T., **Stoitsova S.**, Petrova S.. Vipoxin and its components affect proliferation and cell death in HepG2 cells. Toxicon, 94, 2015, ISSN:0041-0101, DOI:doi: 10.1016/j.toxicon.2014.12.009, 36 - 44. ISI IF:2.942

Цитира се в:

1379. 1. CP da Silva, TR Costa, RMA Paiva, ACO Cintra, DL Menaldo, LMG Antunes, Antitumor potential of the myotoin BthTX-I from Bothrops jararacussu snake venom: evaluation of cell cycle alterations and death mechanisms induced in tumor cell lines. J Venomous Animals and Toins incl Tropical Diseases, 2015, 21:44, DOI 10.1186/s40409-015-0044-5, **@2015**

484. Lazarkevich I.,, **2. Sotirova A.,**, Avramova T.,, **Stoitsova S.,**, **Paunova-Krasteva T.,**, Galabova D.,. Antibacterial activity of methyltiosulfonate and its complexes with rhamnolipid and trehalose lipid against Pseudomonas aeruginosa NBIMCC 1390. , 2015, ISI IF:0.35

Цитира се в:

1380. Characterisation of biosurfactant produced by a novel thermophillic strain (Geobacillus thermoleovorans JQ 12239)., **@2015**

485. Christova N.,, Siegmund Lang, Victor Wray, Kaloyan Kaloyanov,, Spiro Konstantinov, Ivanka Stoineva.. Production, structural elucidation and in vitro antitumor activity of trehalose lipid biosurfactant from Nocardia farcinica strain.. Journal of Microbiology and Biotechnology,, 25, 4, 2015, ISSN:1017-7825, DOI:jmb.1406.06025, 439 - 447. ISI IF:1.32

Цитира се в:

1381. Huang, X., Liu, J. N., Wang, Y., Liu, J., Lu, L. The positive effects of Mn2+ on nitrogen use and surfactin production by Bacillus subtilis ATCC 21332. Biotechnology & Biotechnological Equipment, 29(2), 381-389., **@2015**

1382. Kügler, J. H., Roes-Hill, L., Syldatk, C., Hausmann, R. Surfactants tailored by the class Actinobacteria. Frontiers in Microbiology, 6, 212., **@2015**

1383. Uzoigwe, C., Burgess, J. G., Ennis, C. J., Rahman, P. K. Bioemulsifiers are not biosurfactants and require different screening approaches. Frontiers in Microbiology, 6, 245., **@2015**

1384. Jackson, S. A., Borchert, E., O'Gara, F., & Dobson, A. D. Metagenomics for the discovery of novel biosurfactants of environmental interest from marine ecosystems. Current opinion in biotechnology, 33, 176-182., **@2015**

486. Raynova, Y, **Doumanova, L**, Idakieva, K. Phenoloxidase activity of helix aspersa maxima (Garden Snail, Gastropod) Hemocyanin. Protein Journal, 32, 8, 2015, ISSN:1572-3887, DOI:DOI: 10.1007/s10930-013-9523-0, 609 - 618. ISI IF:0.912

Цитира се в:

1385. 1. Naresh, K.N., Sreekumar, A., Rajan, S.S. Structural insights into the interaction between molluscan hemocyanins and phenolic substrates: An in silico study using docking and molecular dynamics (2015) Journal of Molecular Graphics and Modelling, 61, art. no. 6578, pp. 272-280., **@2015**

1386. 2. Liu, X., Jia, Y.-L., Chen, J.-W., Liang, G., Guo, H.-Y., Hu, Y.-H., Shi, Y., Zhou, H.-T., Chen, Q.-X. Inhibition effects of benzylideneacetone, benzylacetone, and 4-phenyl-2-butanol on the activity of mushroom tyrosinase (2015) Journal of Bioscience and Bioengineering, 119 (3), pp. 275-279., **@2015**