БЪЛГАРСКА АКАДЕМИЯ НА НАУКИТЕ

ИНСТИТУТ ПО БИОФИЗИКА И БИОМЕДИЦИНСКО ИНЖЕНЕРСТВО

ГОДИШЕН ОТЧЕТ 2013

ТОМ 1/2

СОФИЯ 28.01.2014

1. Научна проблематика на звеното

1.1. Преглед на изпълнението на целите /стратегически и оперативни/, оценка и анализ на постигнатите резултати и на перспективите на звеното в съответствие с неговата мисията и приоритети, утвърдени от ОС на БАН при структурните промени през 2010 г.

Институтът по биофизика и биомедицинско инженерство (ИБФБМИ) е създаден с решение на Общото събрание на БАН от 22.III.2010 г. чрез сливане и като правоприемник на Института по биофизика и Централната лаборатория по биомедицинско инженерство в съответствие с целите и задачите на структурната реформа на Академията. Съгласно научната тематика на направление "Биомедицина и качество на живот" и националната и международната разпознаваемост на Института като водещ в редица области на фундаменталните и научно-приложните дисциплини, академичният състав на ИБФБМИ формулира и ОС на БАН утвърди за Института следната **МИСИЯ:** изучаване на структурно-функционалните взаимодействия на липиди и белтъци в биологични мембрани, електро- и фотоиндуцирани явления в клетките, биоелектрични процеси във възбудими клетки; разкриване на механизмите, водещи до възникване на мембранно-свързани патологични процеси; моделиране на липид-белтъчните, пигмент-липидните и междуклетъчните взаимодействия с помощта на моделни мембрани, биофизични молекулни и математически модели; създаване на методи и средства за регистрация, обработка и анализ на електрофизиологични сигнали; регулация на двигателната дейност и биомеханика; разработка на алгоритми, програмни и апаратни средства за медицината, приложение на информационните технологии в здравеопазването; *in silico* молекулно моделиране.

Въз основа на посочената мисия са конкретизирани следните **ПРИОРИТЕТИ:**

- Комплексни интердисциплинарни биофизични, биохимични и физиологични изследвания на ролята на мембранната структура и свойства в регулацията на клетъчни функции в норма и патология;
- Изучаване на ефектите на различни стресови фактори на околната среда върху функционалната активност на клетките;
- Изследване на възбудимостта на невроните, мускулните влакна и двигателните единици при физиологични и патологични състояния;
- Биофизика и фотобиологични процеси и създаване на биосензори;

- Изследване на взаимодействието на клетките с биоматериали и изучаване на механизмите на клетъчната адхезия;
- Методи за регистрация, обработка и анализ на електрофизиологични сигнали и данни и реализацията им в диагностични и терапевтични устройства;
- Методи и алгоритми за разпознаване на образи, класификация и дискриминация;
- Моделиране и симулиране на биологични и медицински процеси и състояния;
- Проектиране на системи за компютърно подпомагане на решенията;
- Моделиране на зависимости между структура и активност на биологичноактивни вещества.

След създаването на новото ПНЗ бе оптимизирана структурата на звеното – научна – 9 секции на базата на предишните 11, и административна. При тази организация през 2013 г. от сътрудници на ИБФБМИ са публикували общо 153 и са подготвили за печат 27 публикации. В издания, реферирани и индексирани в световната система за рефериране, индексиране и оценяване, са публикувани общо 103 и са под печат 15 публикации, като от тях 61 публикувани и 10 под печат са с импакт фактор IF (Web of Science) или импакт ранг SJR (SCOPUS). В издания без рефериране и индексиране в световната система за рефериране, индексиране и оценяване са публикувани 32 и са под печат 5 публикации. Излезли от печат са 3 монографии и 15 глави от книги, а са приети за печат 1 монография и 6 глави от книги. През 2013 г. са забелязани 2256 цитирания на научни трудове на изследователи от ИБФБМИ, с изключени самоцитати. Работено е по 63 теми, от които 37 с външно финансиране: 19 от Фонд “Научни изследвания”, 3 проекта по 7FP, 8 по ОП "РЧР" и 8 теми по договори с чуждестранни фирми или с чуждестранни финансиране.

Успешно са преминали процедури за заемане на академичната длъжност "доцент" двама и за "главен асистент" – трима учени от ИБФБМИ.

Приведените обобщени данни са основание за извод, че понастоящем ИБФБМИ е водещ изследователски институт в България в областта на фундаменталните науки биофизика, биохимия, клетъчна биология, физиология и в областта на научно-приложните технологиии в електрофизиологията, двигателната механика, информационните технологии и биологично активните вещества за нуждите на биомедицината и практическото здравеопазване. Институтът е напълно конкурентен и разпознаваем в международен план и постиженията на научния му състав получават високо национално и международно признание.

1.2. Връзка с политиките и програмите от приетите от ОС на БАН на 23.03.2009 г. "Стратегически направления и приоритети на БАН през периода 2009-2013 г."

Преди всичко мисията на ИБФБМИ е съществено обвързана с една от 4-те основни задачи, поставени пред Академията – интердисциплинарността на изследванията. По степента на този показател Институтът е уникално изследователско звено. Научните и научно-приложните приоритетие на звеното се вписват в немалка част от политиките и програмите на БАН, приети за посочените в двата документа периоди:

- **Политика 1**: **Науката – основна двигателна сила за развитие на националната икономика и общество, базирани на знания, в т.ч.:**

Програма 1.1. – в развитие на биомедицината като част от социалните отношения и социалната практика в страната, на нивото на страна-член на ЕС;

Програма 1.2. – в ефективното използване на природните ресурси, предимно на естествените природни биологични суровини, за целите на биомедицината, биотехнологиите и здравеопазването;

Програма 1.6. – в подготовката на висококвалифицирани кадри в редица области на биофизиката, биомедицинското инженерство, високите технологии в биомедицината;

- **Политика 2: Научен потенциал и изследователска инфраструктура – част от Европейското изследователско пространство, в т.ч.:**

Програма 2.1. – в създаване на иновационни технологии, средства и продукти за нуждите на здравеопазването, биомедицината, фармакологията, биотехнологиите;

Програма 2.3. – в подобряване качеството на живот чрез интердисциплинарни изследвания в областта на изследователската и клиничната медицина, спорта, контрола върху субстанции и фактори, вредящи на човека и живата природа.

В допълнение към посочените политики, през 2013 г. ИБФБМИ има активно участие в приоритетни разработки на новосъздадените регионални центрове на БАН.

1.3. Извършвани дейности във връзка с точка 1.2.

Изследванията, отразяващи съдържанието на приведените в горния раздел връзки, през 2013 г. са конкретизирани в:

- изследвания върху фотосинтетичния апарат и неговата активност на представители от растителния свят ;
- методи и алгоритми за регистриране, обработка, анализ и класификация на биомедицински данни, сигнали и образи и реализацията им чрез програмни и схемни решения в електронна клинична и животоспасяваща апаратура;

- методи, модели и програмни средства за оптимизиране на спешната медицинска помощ при сърдечно-съдови инциденти и на интензивното лечение на критично болни пациенти;
- моделиране и експериментално изследване на двигателната активност при изпълнение на различни двигателни задачи, включително и разработка на експериментални устройства за превенция на скелетно-мускулни аномалии;
- скрининг на природни и синтетични биологично-активни съединения с използване на молекулно моделиране;
- развитие и приложение на информационните технологии и математическите методи в биомедицината;
- моделиране, оптимизация и управление на биопроцесни системи и апарати;
- многопосочни биофизични изследвания на невро-мускулни елементи в норма и патология;
- разработка на биосензори;
- изследвания върху оксидативния стрес при здрави и онкогентрансформирани клетки;
- моделни изследвания върху клетъчни мембрани;
- изследване влиянието на физически фактори върху биоматериали, в т.ч. и наноструктурирани;
- изследвания върху молекулярните механизми на паметта;
- подготовка на висококвалифицирани кадри по биофизика за нуждите на медицината и екологията, на студенти в магистърски програми в областта на биомедицинското инженерство и информационните технологии в медицината, на докторанти по тематичните направления на Института.

1.4. Полза/ефект за обществото от извършваните дейности по точка 1.3.

Здравен ефект и превенция при социално значими заболявания:

- за нуждите на клиничната и спешната кардиология са реализирани разработки за подобряване точността на автоматичния анализ на електрокардиографските сигнали в автоматични външни дефибрилатори и за подобряване на енергетичните параметри на дефибрилацията;
- за нуждите на спешната медицинска помощ са реализирани проекти за оптимизиране лечението на критично болни пациенти в реанимационни звена и за оптимизация на системата «от врата до интервенционално звено» за пациенти с остри сърдечни инциденти;

- за нуждите на клиничната кардиология са проведени нови изследвания върху приложимостта на електрокардиографски показатели за диагностика на трудни диференциално-диагностични нозологични синдроми – кардиален X синдром, синдром на Brugada;
- разработено е пилотно устройство за превенция на гръбначни изкривявания при подрастващи;
- проучени са свойствата на нови антитуберколозни средства, на антиоксиданти и токсични вещества;
- получени са оригинални резултати за изясняване механизмите на различни невропатии;
- предложен е нов подход за изследване на множествена миелома;
- проучени са фактори, оказващи влияние върху фармакологичната активност на антипсихотичните лекарства.

Разработки, свързани с възможности за внедряване на нови технологии, устройства и материали:

- предложен е метод за разработване и приложение на нов клас биосензори;
- разработва се иновативна компютърно-подпомагаща технология за определяне началото на отвикване от принудителна белодробна вентилация за нуждите на интензивната медицина;
- разработен е клиничен апаратен комплекс за третиране на кожни тумори при пациенти със сърдечни заболявания;
- получени са нови резултати върху повлияването на множествената лекарствена резистентност в туморни клетки;
- разработена е серия устройства, в т.ч. и с безжичен интерфейс към пациента, за високочестотно отвеждане на електро- и векторкардиограми с възможност за синхронно осредняване, анализ, измерване на вариабилитета на сърдечния ритъм, визуализация и организиране на пациентни бази данни.

Разработки, свързани с опазване на околната среда и подобряване качеството на живот:

- предложен е високочувствителен метод за регистрация на ниски концентрации хербициди, блокиращи функция на фотосинтетичния апарат;
- проучени са фактори, имащи влияние върху ежедневния оксидативен стрес в съвременните условия на живот;

- с методите на компютърното моделиране на биологично-активни съединения са анализирани данни за екотоксичност на седиментни замърсители във водни басейни.

Подготовка на високоспециализирани кадри в национален мащаб:

- създадена е и успешно се реализира система за обучение на кадри с биофизична подготовка за нуждите на медицината и екологията;
- провежда се непрекъснато обучение на докторанти за нуждите на висши медицински и технически училища и водещи национални здравни звена.

1.5. Взаимоотношения с институциите

- Договор за съвместна дейност № 126/11 от 2001 с *Университетска болница "Александровска"*
- Рамково споразумение от 31.01.2001 г. с *Университетска МБАЛ "Св. Анна" – София*
- Рамков договор за сътрудничество от 12.03.2004 г. с *Нов български университет*
- Рамков договор за съвместна дейност от 17.08.2006 г. с *Националната кардиологична болница*
- Договор за съвместна дейност № 177 от 2008 г. с *ФЕТТ, Техническия университет – София*
- Договор за сътрудничество от 26.03.2008 г. с *Университет "Проф. д-р Асен Златаров" – Бургас*
- Рамково споразумение от 12.10.2008 г. с *Университетска СБАЛСМ "Н. Пирогов"*
- Рамково споразумение от 14.10.2008 г. с *УСБАЛ по неврология и психиатрия "Св. Наум" – София*
- Рамков договор от 2009 г. с *Медицински Университет – Плевен*

Споразумения с други национални научни организации или висши училища, със съпътстващи научни програми с:

- *Съвет по Медицинска Наука към Медицински Университет – София*
- *Медицински факултет на Тракийски Университет – Стара Загора*

1.6. Общонационални и оперативни дейности, обслужващи държавата

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

Учени от ИБФБМИ през изтеклата година са участвали в работата на следните органи, извършващи общонационални и оперативни дейности, обслужващи държавата: Координационен съвет за електронно здравеопазване към Министерство на здравеопазването; Национална агенция за оценяване и акредитация към Министерски съвет; Държавната агенция за насърчаване на малки и средни предприятия; Държавна агенция по метрология и технически надзор; Български институт за стандартизация.

1.6.2. Проекти, свързани с общонационални и оперативни дейности, обслужващи държавата и обществото, финансирани от национални институции (без Фонд "Научни изследвания"), програми, националната индустрия и пр. - до ТРИ най-значими проекти

2. Резултати от научната дейност през 2013 г.:

2.1. Не повече от ЕДНО най-важно и ярко научно постижение

Установен е механизмът на влияние на антиоксиданта резвератрол върху процесите на стареене на чернодробни мембрани. Показано е, че третирането с резвератрол влияе върху сфингомиелиновия метаболизъм, като предизвиква понижаване на мембранните показатели за стареене на клетките – концентрация на церамидите и активността на мембранно-свързаната неутрална сфингомиелиназа. Установени са промени и в асиметричното разпределение на мембранните аминофосфолипиди, като се понижава техния относителен дял във външния мембранен монослой.

Демонстриран е благоприятният ефект на резвератрола върху специфични мембранни показатели за клетъчно стареене. Получените резултати показват, че резвератролът действа като мощен антиоксидант на мембранно ниво, което го прави подходящ за включване в комплексни терапии, насочени към повлияване на оксидативния статус и процесите на стареене на мембраните и клетките като цяло.

Ръководител на разработката: проф. дбн Албена Момчилова

2.2. Не повече от ЕДНО най-важно и ярко научно-приложно постижение

Създадена е компютъризирана система за определяне на началото на отвикване от механична вентилация (МВ) при критично болни пациенти и преход към частична подкрепа и спонтанно дишане по данни непосредствено преди започване на процеса на отвикване и по време на отделните фази на респираторна подкрепа. Определянето на началото на процеса на отвикване от МВ се извършва чрез пет различни алгоритъма. С помощта на системата се постига значително намаляване на честотата на усложненията, на продължителността на МВ, честотата на вентилаторно-асоциираните пневмонии, времето за отвикване, продължителността на престоя в интензивното отделение и цената на лечението. Системата е адаптирана и към пациенти, които имат подлежащи сърдечно-съдови заболявания и при които моделите на предикцията отчитат специфични показатели.

Системата е внедрена в Централната реанимация към Клиниката по интензивно лечение на УМБАЛСМ „Н. И. Пирогов“.

Ръководител на разработката: проф. д-р Михаил Матвеев

3. Художественотворческа дейност на звеното през 2013 г.

3.1. Списък на организирани международни изложби

3.2. Списък на организирани национални изложби

3.3. Списък на художественотворчески продукти

4. Международно научно сътрудничество на звеното

4.1. През годината служители на звеното работиха по следните теми в рамките на договори и спогодби на ниво Академия:

4.1.1. Светлинно-индуцирано преобразуване на енергия и молекулна динамика в ретинални белтъци. Приложение в биоелектрониката, *Унгарска академия на науките,* 2013-2015, ръководител проф. дбн Стефка Танева

4.1.2. Създаване на модел на мускул на плъх съставен от реалистичен брой двигателни единици и неговото експериментално и моделно изследване чрез прилагане на различни серии от импулси за всяка двигателна единица, *Полска академия на науките*, 2012-2014, ръководител проф. дтн Росица Райкова

4.1.3. Експериментално и моделно изследване на движенията на горния крайник на човека в норма и при патологии чрез използване на повърхностна електромиография и MOTCO софтуер, *Полска академия на науките*, 2012-2014, доц. д-р Христо Аладжов

4.1.4. Геометрични аспекти на еластичните среди: от биомембрани до нанотръби, *Полска академия на науките*, 2012-2014, ръководител доц. д-р Ивайло Младенов

4.1.5. Интуиционистки размити множества, интуиционистки размита оптимизация – теория и приложения в медицината, екологията и други области, *Полска академия на науките*, 2012-2014, ръководител чл. кор. дтн дмн Красимир Атанасов

4.1.6. Интуиционистки размити множества – теория и приложения, *Словашка академия на науките*, 2012-2014, ръководител чл. кор. дтн дмн Красимир Атанасов

4.1.7. Механизми на толерантността към ниски температури на възкръсващи и невъзкръсващи растения, *Унгарска академия на науките,* 2013-2015, ръководител проф. д-р Катя Георгиева, ИФРГ-БАН

4.2. През годината служители на звеното работиха по следните теми в рамките на договори и спогодби на ниво сътрудничество между институти:

4.2.1. Пренилхинони и каротеноиди – потенциални медиатори на толерантността на висши растения към комбиниран светлинен и температурен стрес, *Българо-швейцарска изследователска програма*, *МОМН*, ръководител проф. д-р Мая Величкова.

4.2.2. ФитоБалк, *Българо-швейцарска изследователска програма*, *МОМН*, ръководител гл. ас. д-р Калина Данова, Институт по органична химия - БАН.

4.2.3. Промени на QRS комплекса и Т вълната на пациента в зависимост от натоварването по време на стрес тест ECG - подзадача от рамков договор Анализ на цифрови електрокардиографски данни, рамков договор *с ISIB-CNR, Италия* и *St George's University of London*, ръководител проф. дтн Ивайло Христов.

4.2.4. Моделиране на ABC (АТФ-свързващи) транспортни протеини и техни субстрати и инхибитори, участващи в множествената лекарствена резистентност и ADME (Резорбция, Разпределение Метаболизъм, Екскреция), *Университет Бон, Германия*, ръководител проф. дбн Илза Пъжева.

4.2.5. Моделиране, оптимизация и управление на ферментационни процеси, Рамково споразумение с *Институт по техническа химия – Университет Хановер*, *Германия*, ръководител проф. дтн Стоян Цонков.

Най-значими международно финансирани проекти:

FP7-HEALTH-2010-Alternative-Testing-Strategies Collaborative project: "Integrated *in silico* Models for the Prediction of Human Repeated Dose Toxicity of Cosmetics to Optimise Safety", Coordinator: Prof. Dr. M. Cronin, local coordinator: Assoc. Prof. Dr. I. Tsakovska.

5. Участие на звеното в подготовката на специалисти

Специалисти от звеното са водили лекции и упражнения в:

- *Софийски Университет „Св. Климент Охридски"*
- *Химикотехнологичен и металургичен университет – София*
- *Медицински Университет – София*
- *Технически Университет – София*
- *Бургаски Университет "Проф. д-р А. Златаров"*
- *Пловдивски Университет*

Специалисти от звеното са чели лекции и водили упражнения и във връзка с изпълнение на ***Lifelong Learning Programme: Higher Education (Erasmus)*** с:

- *University Paris-Diderot – Paris VII*
- *Химикотехнологичен и металургичен университет – София*

Специалисти от звеното са провели и 6 докторантски курса.

През 2013 г. 10 учени от ИБФБМИ са провели обучение на 19 студенти в изпълнение на ПРОЕКТ BG051PO001-3.3.07-0002 „Студентски практики" (с *финансовата подкрепа на Оперативна програма „Развитие на човешките ресурси", съфинансирана от Европейския социален фонд на Европейския съюз*)

Образователната и научна степен "доктор" – защитили четирима докторанти:

1. Светла Желязкова Тодинова: *Термодинамичен профил на плазмения протеом при злокачествени заболявания*, ръководител проф. дбн Стефка Танева
2. Виктория Николаева Пехливанова: *Термодинамичен профил на плазмения протеом при злокачествени заболявания*, ръководител проф. дбн Яна Цонева, научен консултант доц. д-р Румяна Цонева
3. Петър Младенов Василев: *Интуиционистки размити множества с функции на принадлежност и непринадлежност в метрична релация*, ръководител чл. кор. дтн дмн Красимир Атанасов
4. Димитър Георгиев Димитров: *Програмен аспект на теорията на обобщените мрежи – оптимизация на алгоритми за изпълнение, оператори за модификация на модели и приложения*, докторант в СУ "Св. Климент Охридски" с ръководител чл.-кор. дтн дмн Красимир Атанасов

5.1. Получени през годината стипендии (брой, вид и размер на стипендията), без стипендиите, получавани от докторантите по държавна поръчка:

а) от чужбина

б) от България

6. Иновационна дейност на звеното и анализ на нейната ефективност

6.1. Осъществяване на съвместна иновационна дейност с външни организации и партньори, вкл. поръчана и договорирана с фирми от страната и чужбина;

През 2013 г. сътрудници на ИБФБМИ са работили с партньори по внедряване на иновации, произтекли от съвместни разработки в Института:

- със Специализираната болница за активно лечение на онкологични заболявания – Национална онкологична болница: модифицирана е методиката за електрохимиотерапия и е създадена нова апаратура за електрохимиотерапия, която позволява да се третират тумори при пациенти с кардиологични проблеми. Апаратурата е прилагана успешно през 2013 г. в Клиниката по дерматология на СБАЛО, София.

- с Университетска МБАЛ "Александровска" – влияние на неинвазивната вентилаторна терапия при синдром на обструктивна сънна апнея;

- с Националната кардиологична болница – за оптимизиране енергията на електрическите импулси при кардиоверсии;

- с Университетска МБАЛСМ "Н. И. Пирогов" – за внедряване на система за компютърно подпомагане на решенията за отвикване от апаратна вентилация при зависими от респиратора критично болни;

- с УМБАЛ "Св. Анна" - София - апаратура за безжично отвеждана високочестотна електрокардиограма с възможност за Холтер изследване и анализ на ВСР;

- с УМБАЛ "Св. Анна" - София и Университетска МБАЛ "Александровска" – 16-канална апаратура за отвеждане на електро- и вектор-кардиограма и дихателен сигнал с висока разделителна способност.

6.2. Извършен трансфер на технологии и/или подготовка за трансфер на технологии по договор с фирми; данни за полученото срещу това заплащане; данни за реализираните икономически резултати във фирмите (работни места, печалба, производителност, дял на новите продукти в общия обем на продажбите и т.н.);

През отчетната година продължиха дейности, свързани с трансфер на инженерингови решения в областта на програмно-апаратното осигуряване на електрокардиологията по договор с швейцарската фирма *Schiller AG*. За 2013 г. трансферът е финансиран от фирмата в размер на 3 000 Евро.

7. Стопанска дейност на звеното за 2013 г.

7.1. Осъществяване на съвместна стопанска дейност с външни организации и партньори /продукция, услуги и др., които не представляват научна дейност на звеното/, вкл. поръчана и договорирана с фирми от страната и чужбина

7.2. Отдаване под наем на помещения и материална база

Договорните отношения с фирмите ЕТ "Ласто-Лазар Стойчев" и "Шиллер – Инженеринг София" ЕООД продължават и през 2013 г. Отдадените под наем помещения и материална база се поддържат в добро техническо състояние. Не са установени закъснения в изплащането на наема и консумативните разходи.

7.3. Сведения за друга стопанска дейност

Като форма на административно-стопанската дейност през 2013 г. могат да бъдат определени такива дейности, като поддържане и ремонт на сградния фонд, поддържане на прилежащите към него терени, изпълнението на мероприятия по безопасни и здравословни условия на труд за работещите, противопожарна безопасност и др.

Ремонтните дейности, като ремонт на работни и санитарни помещения, техническите съоръжения в отделните помещения, ВиК системата и абонатната станция за топлоподаване се поддържат основно със средства и труд на института. През 2013 г. се извърши цялостен ремон на санитарните помещения, отремонтираха се три работни кабинета и една зала в бл. 105. Основен ремонт, бе извършен в бл. 21 на помещение в приземният етаж и на една стая в бл. 108. Ремонтни дейности на помещения бяха извършени в бл. 23. С цел създаване на безопасни условия на труд за работещите, през 2013 г. се направи обследване на звеното по отношение на противопожарна, аварийна и здравословна безопасност .

Последното тримесечие се организира и проведе инвентаризация на всички материални активи в института, съгласно Закона за счетоводството. Специални комисии, които отчетоха техническото състояние на отделните уреди, апарати и технически средства, извършиха бракуване на негодната и морално остаряла техника и нейното ликвидиране.

В рамките на възможностите и в зависимост от климатичните условия се правят икономии на електрически ток, топлоенергия и вода, като заслугата за това се пада на

помощния персонал на института. С негова помощ се поддържа и районът около сградите и зелените площи, особено през есенно-зимния сезон.

През 2013 г. бяха продължени договорите с:

- фирма “Агроинсект” ООД за борба с разни инсекти за обработки на работните места по предварително изготвен и съгласуван график;
- фирма ЕТ “ЕВРОШ-ВАНЬО НИКОЛОВ” за извозване на отпадъците на звеното;
- охранителна фирма “ЗС СОТ” – АД.

8. Кратък анализ на финансовото състояние на звеното за 2013 г.

С П Р А В К А
За приходите и разходите на научно звено БАН

ИНСТИТУТ ПО БИОФИЗИКА И
БИОМЕДИЦИНСКО ИНЖЕНЕРСТВО
През 2013 год. (данни към 31.12.2013 год.)

I. Постъпили в звеното финансови средства	**- 2223595 лв.**
1. От бюджетна субсидия в т.ч. трансфери за поети осигурителни вноски	**- 1104700 лв.**
2. От други източници в т.ч.	*– 1118895 лв.*
2.1. Остатък на 01.01.2013 г. от собствени средства	**- 628016 лв.**
2.2. Постъпления през годината в т.ч.	**- 99742 лв.**
2.2.1. От договор с МОМН по Българо-швейцарски фонд	- 80285 лв.
2.2.2. От договор с НФ "Научни изследвания" към МОМН	- 5800 лв.
2.2.3. От ИНБ-БАН за съвместна научна дейност	- 4000 лв.
2.2.4. От договори от наем	- 6290 лв.
2.2.5. Приходи от абонаменти на списания	- 1000 лв.
2.2.6. От такси на докторанти	- 2367 лв.
3. Валутни приходи в т.ч.	- 391137 лв.
3.1. Остатък на 01.01.2013 г.	- 25976 лв.
3.2. Получен приход по договор по Седма рамкова програма (COSMOS)	- 298687 лв.
3.3. Получен приход по договор по Седма рамкова програма (MATSIQEL)	- 52807 лв.
3.4. Получен приход по договор Schiller AG-Швейцария	- 5868 лв.
3.5. Приходи от абонаменти на списания	- 7776 лв.
3.6. Приход от лихви по текущи банкови сметки	- 23 лв.

II. Изразходвани средства	-	**2014559 лв.**
1. От субсидия, собствени и валутни средства в т.ч.	–	**2010513 лв.**
1.1. За работни заплати	-	842366 лв.
1.2. За други възнаграждения в т.ч. за хонорари за НЖ, НС и по договори с МОМН и по валутни проекти	-	310385 лв.
1.3. За СБКО	-	17640 лв.
1.4. За ДОО, ДЗПО в УПФ и ЗОВ	-	174101 лв.
1.5. За издръжка (електроенергия, топлоенергия, вода, външни услуги, материали, пощенски разходи и др.)	-	181098 лв.
1.6. За научно-изследователски разходи	-	141750 лв.
1.7. За стипендии	-	59800 лв.
1.8. За командировки в страната и чужбина	-	107359 лв.
1.9. За текущ ремонт, данък сгради и такса смет	-	28885 лв.
1.10. За придобиване на ДМА	-	147129 лв.
2. Възстановени остатъци на НФ “Научни изследвания” към МОМН от приключили и отчетени договори	**-**	**4046 лв.**

Остатък на 31.12.2013 г. от собствени средства	-	***128902 лв.***
Остатък на 31.12.2013 г. по валутни сметки	-	***80134 лв.***
Общо салдо на 31.12.2013 г.	-	***209036 лв.***

ГЛАВЕН СЧЕТОВОДИТЕЛ: **ДИРЕКТОР:**

/Анна Неделчева/ **/чл.-кор. А. Косев/**

9. Издателска дейност

1. *International Journal Bioautomation* (ISSN 1314-2321 on-line, ISSN 1314-1902 print)

   Почетен главен редактор: Стоян Цонков

   Главен редактор: Михаил Матвеев

   Зам. гл. редактор: Таня Пенчева

   През 2013 г. излязоха 4 броя.

От 2008 г. списанието е официално издание на БАН. International Journal Bioautomation се реферира от редица международни бази данни: Scopus, Compendex, Chemical Abstract Service, Directory of Open Access Journals, Electronic Journals Library, SCIRUS, OhioLINK - Electronic Journal Finder, Electronic Journals by Publisher/University of Saskatchewan Library, FHH - Bibliothek - Elektronische Zeitschriften, Elektronische Zeitschriftenbibliothek, Universitätsbibliothek TU Berlin: E-Zeitschriften/EZB, Electronic Journals, Medical informatics, bioinformatics, biomedical engineering: Free medical journals, Google Scholar, Винити. Списанието е под наблюдение и в процес на оценяване от ISI Web of Knowledge.

2. *Notes on Intuitionistic Fuzzy Sets* (ISSN-1310-4926)

   Редактори Красимир Атанасов, Humberto Bustince (Испания) и Janusz Kacprzyk (Полша)

   Излезли от печат 4 книжки.

3. *Notes on Number Theory and Discrete Mathematics* (ISSN-1310-5132)

   Редактори Aldo Peretti (Аржентина), Anthony Shannon (Австралия) и Красимир Атанасов

   Излезли от печат 4 книжки.

4. *Journal of Geometry and Symmetry in Physics* (ISSN: 1312-5192)

   Главен редактор: Ивайло Младенов

   Излезли от печат 4 книжки.

5. *Proceedings of the Fourteenth International Conference on Geometry, Integrability and Quantization*, Avangard Prima, Sofia 2013, Eds. Mladenov I., A. Ludu, A. Yoshioka, ISSN 1314-3247.

10. ПРИЛОЖЕНИЯ

3.1. Списък на публикациите, които са реферирани и индексирани в световната система за реферирание, индексиране и оценяване (в световни вторични литературни източници):

- излезли от печат

1. Andonov V. Connection between Generalized Nets with Characteristics of the Places and Intuitionistic Fuzzy Generalized Nets of Type 1 and Type 2. Notes on Intuitionistic Fuzzy Sets. 19, 2, 2013, 77-88. ISSN 1310-4926.
2. Andonov V. Generalized Net Model of Internal Financial Structural Unit's Functionality with Intuitionistic Fuzzy Estimations. Notes on Intuitionistic Fuzzy Sets. 19, 3, 2013, 111-117. ISSN 1310-4926.
3. Andonov V., K. Atanassov. Generalized Nets with Characteristics of the Places, Comptes Rendus de l'Academie bulgare des Sciences, 66, 12, 2013, 1673-1680. ISSN 1310-1331.
4. Apostolova E. L. Effect of High-light on Photosynthetic Apparatus with Different Content of Anionic Lipids and Organization of Light-harvesting Complex of Photosystem II. Acta Physiol. Plant., 35, 2013, 975-978, ISSN 0137-5881.
5. Arabadzhiev T. Peculiarities of Extracellular Potentials Produced by Deep Muscles. Part 1: Single Fibre Potential Fields. Medical and Biological Engineering and Computing, 51, 6, 2013, 677-686, ISSN: 0140-0118 (print version) ISSN: 1741-0444 (electronic version).
6. Arabadzhiev T. Peculiarities of Extracellular Potentials Produced by Deep Muscles. Part 2: Motor Unit Potentials. Medical and Biological Engineering and Computing, 51, 7, 2013, 769-779, ISSN: 0140-0118 (print version) ISSN: 1741-0444 (electronic version).
7. Atanassov K. A Formula for the n-th Prime Number. Comptes Rendus de l'Academie bulgare des Sciences, 66, Suppl. 4, 2013, 503-506. ISSN 1310-1331.
8. Atanassov K. A Short Remark on Intuitionistic Fuzzy Operators $X_{a,b,c,d,e,f}$ and $x_{a,b,c,d,e,f}$, Notes on Intuitionistic Fuzzy Sets. 19, 1, 2013, 54-56. ISSN 1310-4926.
9. Atanassov K. Note on φ, ψ and σ-functions. Part 6. Notes on Number Theory and Discrete Mathematics, 19, 1, 2013, 22-24. ISSN 1310-5132.
10. Atanassov K. On Index Matrices, Part 3: On the Hierarchical Operation over Index Matrices. Advanced Studies in Contemporary Mathematics, 23, 2, 2013, 225-231. ISSN 1229-3067.
11. Atanassov K. On Intuitionistic Fuzzy Implications, Negations and Law $(\neg A \supset \neg B) \supset ((\neg \neg A \supset \neg \neg B) \supset \neg \neg A)$. Notes on Intuitionistic Fuzzy Sets, 19, 2, 2013, 10-20. ISSN 1310-4926.
12. Atanassov K. On Zadeh's Intuitionistic Fuzzy Disjunctions and Conjunctions. On Fuzziness. A Homage to Lotfi A. Zadeh (R. Seising et al., Eds.), Springer, Berlin, 1, 2013, 11-15. ISBN 9783642356407.
13. Atanassov K. Professor Anthony Shannon at $F_4 \times F_5 \times F_5$ Years. Notes on Number Theory and Discrete Mathematics, 19, 3, 2013, 1-4. ISSN 1310-5132.
14. Atanassov K. Pulsating Fibonacci Sequence. Notes on Number Theory and Discrete Mathematics, 19, 3, 2013, 12-14. ISSN 1310-5132.
15. Atanassov K. Pulsating Fibonacci Sequence. Part 2. Notes on Number Theory and Discrete Mathematics, 19, 4, 2013, 33-36. ISSN 1310-5132.
16. Atanassov K. Short Remark on Möbius Function. Notes on Number Theory and Discrete Mathematics, 19, 2, 2013, 26-29, ISSN 1310-5132.
17. Atanassov K., E. Sotirova, V. Bureva. On Index Matrices. Part 4: New Operations over Index Matrices. Advanced Studies in Contemporary Mathematics, 23, 3, 2013, 547-552, ISSN 1229-3067.

18. Atanassov K., E. Sotirova. On Some Applications of the Game Method for Modeling. Part 4: Interpretations of Some Stochastic Processes. Proceedings of the Jangjeon Mathematical Society, 16, 3, 2013, 301-310, ISSN 1598-7264.
19. Atanassov K., E. Szmidt, J. Kacprzyk. On Intuitionistic Fuzzy Pairs. Notes on Intuitionistic Fuzzy Sets, 19, 3, 2013, 1-13, ISSN 1310-4926.
20. Atanassov K., S. Sotirov. Index Matrix Interpretation of the Multilayer Perceptron. Proc. of IEEE International Symposium on Innovations in Intelligent Systems and Applications (INISTA), 19-21 June 2013, Albena, INSPEC Accession Number: 13710966, ISBN 978-1-4799-0659-8.
21. Atanassova V. From Fuzzy to Intuitionistic Fuzzy: Easy and Lazy. Notes on Intuitionistic Fuzzy Sets, 19, 3, 2013, 51-55, ISSN 1310-4926.
22. Bañuelos S., B. Lectez, S. G. Taneva, G. Ormaza, M. Alonso-Mariño, X. Calle, M. A. Urbaneja. Recognition of Intermolecular G-quadruplexes by Full Length Nucleophosmin. Effect of a Leukaemia-associated Mutation. FEBS Letters, 587, 14, 2013, 2254-2259, ISSN: 0014-5793.
23. Brezov D., C. Mladenova, I. Mladenov. New Perspective on the Gimbal Lock Problem, AIP Conference Proceedings, 1570, 2013, 367-374, ISSN-0094-243X.
24. Brezov D., C. Mladenova, I. Mladenov. Quarter Turns and New Factorizations of Rotations. C. R. Acad. Bulg. Sci., 66, 8, 2013, 1105-1114, ISSN 1310-1331.
25. Brezov D., C. Mladenova, I. Mladenov. Some New Results on Three-Dimensional Rotations and Pseudo-Rotations, AIP Conference Proceedings, 1561, 2013, 275-288, ISSN- 0094-243X.
26. Brezov D., C. Mladenova, I. Mladenov. Vector Decomposition of Half Turns, Forty Second Spring Conference of the Union of Bulgarian Mathematicians, 2013, 198-204, ISSN – 1313-3330.
27. Brezov D., C. Mladenova, I. Mladenov. Vector Parameters in Classical Hyperbolic Geometry. J. Geom. Symmetry Phys., 30, 2013, 19-48, ISSN 1312-5192.
28. Bryaskova R., N. Georgieva, T. Andreeva, R. Tzoneva. Cell Adhesive Behavior of PVA-based Hybrid Materials with Silver Nanoparticles. Surface and Coatings Technology, 235, 2013, 186-191, ISSN: 0257-8972.
29. Christov I., G. Bortolan, I. Simova. Load Dependent Changes of Cardiac Depolarization and Repolarization during Exercise ECG test. Computing in Cardiology, 40, 2013, 547-550, ISSN: 2325-8861.
30. Christov I., I. Simova, R. Abächerli. Cancellation of the Maternal and Extraction of the Fetal ECG in Noninvasive Recordings. Computing in Cardiology, 40, 2013, 153-156, ISSN: 2325-8861.
31. Christova N., B. Tuleva, A. Kril, M. Georgieva, S. Konstantinov, I. Terziyski, B. Nikolova, I. Stoineva. Chemical Structure and in vitro Antitumor Activity of Rhamnolipids from Pseudomonas Aeruginosa BN10. Appl. Biochem. Biotechnol., 170, 3, 2013, 676-689, ISSN 1559-0291.
32. Daskalova M., S. M. Krustev, D. I. Stephanova. Temperature Effects on Simulated Human Nodal Action Potentials and Their Defining Current Kinetics. Scripta Scientifica Medica, 45, 3, 2013, 42-47, ISSN 0582-3250.
33. Dimov I., K. Atanassov. Interpretation of a Monte Carlo Approach of a Finite Difference Scheme by a Game Method for Modeling. Proc. of the Jangjeon Mathematical Society, 16, 3, 2013, 381-387, ISSN 1598-7264.
34. Dobrev D., T. Neycheva. Analog Approach for Common Mode Impedance Balance in Two-electrode Biosignal Amplifiers. Annual Journal of Electronics, 7, 2013, 68-71, ISSN 1314-0078.

35. Dobrev D., T. Neycheva. Digital Lock-in Technique for Input Impedance Balance in Two-electrode Biosignal Amplifiers. Annual Journal of Electronics, 7, 2013, 64-67, ISSN: 1314-0078.
36. Dobrikova A. G., I. Domonkos, Ö. Sözer, H. Laczkó-Dobos, M. Kis, Á. Párduc, Z. Gombos, E. L. Apostolova. Effect of Partial or Complete Elimination of Light-harvesting Complexes on the Surface Electric Properties and the Functions of Cyanobacterial Photosynthetic Membranes. Physiol. Plantarum., 147, 2013, 248-260, ISSN 1399-3054.
37. Dobrikova A. G., V. Krasteva, E. L. Apostolova. Damage and Protection of the Photosynthetic Apparatus from UV-B Radiation. I. Effect of Ascorbate. J. Plant Physiology, 170, 2013, 251-257, ISSN 0176-1617.
38. Dobrikova A., R. Vladkova, D. Stanoeva, A. Popova, M. Velitchkova. Effects of 24-Epibrassinolide Pre-treatment on UV-B-induced Changes in the Pigment Content of Pea Leaves, Compt. rend. Acad. bulg. Sci., 66, 4, 2013, 543-550, ISSN 1310-1331.
39. Dotsinsky I., T. Mudrov, V. Krasteva, J. Kostov. Is There an Optimal Shape of the Defibrillation Shock: Constant Current vs. Pulsed Biphasic Waveforms?. Bioautomation, 17, 1, 2013, 45-56, ISSN: 1314-1902.
40. Dotsinsky I., T. Stoyanov, T. Mudrov. Power-line Frequency Monitoring Using Component of the Subtraction Procedure for ECG Processing. Annual Journal of Electronics, 7, 2013, 54-56, ISSN 1314-0078.
41. Emilova R., D. Dimitrova, V. Georgiev, T. Daneva, H. S. Gagov. Cystathionine Gamma-lyase as a Regulator of Resistance Artery Contraction under Normal and Hyperglycemic Conditions. Bulgarian Journal of Agricultural Science, 19, 2, 2013, 175-177, ISSN 1310-0351.
42. Fidanova S., O. Roeva. Metaheuristic Techniques for Optimization of an *E. coli* Cultivation Model. Biotechnology and Biotechnological Equipment, 27, 3, 2013, 3870-3876, ISSN: 1310-2818.
43. Fratev F., S. O. Jónsdóttir, I. Pajeva. Structural Insight into the UNC-45-Myosin Complex. Proteins, 81, 7, 2013, 1212-1221, Online ISSN 1097-0134.
44. Georgiev N. I., R. Bryaskova, R. Tzoneva, I. Ugrinova, C. Detrembleur, S. Miloshev, A. M. Asiri, A. H. Qusti, V. B. Bojinov. A Novel pH Sensitive Water Soluble Fluorescent Nanomicellar Sensor for Potential Biomedical Applications, Bioorganic and Medicinal Chemistry, 21, 21, 2013, 6292-6302, ISSN: 0968-0896.
45. Georgieva N., R. Bryaskova, N. Lazarova, D. Peshev, R. Tzoneva. PVA-based Hybrid Materials for Immobilization of Trichosporon Cutaneum R57 Efficient in Removal of Chromium Ions. Comptes Rendus de L'Academie Bulgare des Sciences, 66, 1, 2013, 35-44, ISSN 1310-1331.
46. Georgieva R., A. Momchilova, D. Petkova, K. Koumanov, G. Staneva. Effect of n-Propyl Gallate on Lipid Peroxidation in Heterogenous Model Membranes. Biotechnol. Biotechnol. Equip., 27, 2013, 4145-4149, ISSN 1310-2818**.**
47. Hadjistoykov P., K. Atanassov. Remark on Intuitionistic Fuzzy Cognitive Maps. Notes on Intuitionistic Fuzzy Sets. 19, 1, 2013, 1-6. ISSN 1310-4926.
48. Ignatova V., L. Todorova, L. Haralanov, M. Matveev. Dynamic Changes of Visual Evoked Potentials and Brainstem Auditory Evoked Potentials in Patients with Multiple Sclerosis. Comptes rendus de l'Académie bulgare des Sciences, 66, Suppl. 4, 2013, 611-616, ISSN 1310-1331.
49. Ignatova V., L. Todorova, L. Haralanov. Somatosensory Evoked Potentials and Brainstem Auditory Evoked Potentials in Assessment of Brainstem Dysfunction in Multiple Sclerosis. Comparison with MRI. Journal of the Neurological Sciences, 333, Suppl. 1, 2013, e640, ISSN: 0022-510X.

50. Ignatova V., Ts. Stoyanova, L. Todorova, L. Haralanov. Impact of Depression and Fatigue on Cognitive Function in Multiple sclerosis. Multiple Sclerosis Journal, 19, 7, 2013, 985-986, ISSN 1352-4585.
51. Ilkova T., M. Petrov. An Application of Regression Analysis for Modelling of the Forest Fires. Journal of International Scientific Publications: Materials, Methods and Technology, 7, 1, 2013, 444-455, ISSN 1313-2539.
52. Ilkova T., O. Roeva, M. Petrov. Multiple Objective Optimisation of Batch Cultivation of Saccharomyces cerevisiae in Mixing System. Biotechnology and Biotechnological Equipment, 27, 5, 2013, 4162-4166, ISSN 1310-2818.
53. Jekova I, V. Krasteva, R. Abächerli. Detection of Electrode Interchange in Precordial and Orthogonal ECG leads. Computing in Cardiology, 40, 2013, 519-522, ISSN: 2325-8861.
54. Jekova I., V. Krasteva, G. Georgiev, L. Todorova, P. Vassilev, M. Matveev. Decision Support System for Prediction of the Weaning Outcome from Mechanical Ventilation. Annual Journal of Electronics, 7, 2013, 60-63, ISSN: 1314-0078.
55. Kostadinova A., N. Zaekov, I. Keranov. Interaction of Cells with Modified Polyethylenglycol Surfaces. Bulg. J. Agric. Sci., 19, Suppl. 2, 2013, 178-181, ISSN 1310-0351.
56. Krasteva V., I. Jekova, T. Stoyanov, S. Ménétré, JP. Didon. Performance of Heart Rhythm Analysis during Chest Compressions in Out-of-hospital Cardiac Arrest. Computing in Cardiology, 40, 2013, 1091-1094, ISSN: 2325-8861.
57. Krumova S., B. Rukova, S. Todinova, L. Gartcheva, V. Milanova, D. Toncheva, S. G. Taneva. Calorimetric Monitoring of the Serum Proteome in Schizophrenia Patients. Thermochimica Acta, 572, 2013, 59-64, ISSN: 0040-6031.
58. Krumova S., M. Zhiponova, K. Dankov, V. Velikova, K. Balashev, T. Andreeva, E. Russinova, S. Taneva. Brassinosteroids Regulate the Thylakoid Membrane Architecture and the Photosystem II Function. Journal of Photochemistry and Photobiology B: Biology, 126, 2013, 97-104, ISSN: 1011-1344.
59. Krumova S., V. Motyka, P. Dobrev, M. Todorova, A. Trendafilova, L. Evstatieva, K. Danova. Terpenoid Profile of Artemisia Alba is Related to Endogenous Cytokinins in vitro. Bulgarian Journal of Agricultural Science, 19, 2013, 26-30, ISSN 1310-0351.
60. Krustev S. M., M. Daskalova, D. I. Stephanova. Temperature Effects on Simulated Human Internodal Action Potentials and Their Defining Current Kinetics. Scripta Scientifica Medica, 45, 4, 2013, 36-40, ISSN 0582-3250.
61. Krutki P., W. Mrówczyński, R. Raikova, J. Celichowski. Concomitant Changes in Afterhyperpolarization and Twitch Following Repetitive Stimulation of Fast Motoneurones and Motor Units. Experimental Brain Research, 2013, 1432-1106, ISSN 0014-4819.
62. Mancheva K., L. Christova, A. Kossev. Effects of Muscle Activation Mode on Reaction Time. Comptes rendus de l'Académie bulgare des Sciences, 66, 11, 2013, 1633-1638, ISSN 1310-1331.
63. Marinov E. On the Operators and Partial Orderings of Intuitionistic Fuzzy Sets. Notes on Intuitionistic Fuzzy Sets, 19, 3, 2013, 25-33. ISSN 1310-4926.
64. Marinov E., E. Velizarova, K. Atanassov. An Intuitionistic Fuzzy Estimation of the Area of 2D-figures. Notes on Intuitionistic Fuzzy Sets, 19, 2, 2013, 57-70. ISSN 1310-4926.
65. Marinov P., M. Hadzhilazova, I. Mladenov. Cylindrical Fluid Membranes and the Evolutions of Planar Curves. Geometry, Integrability and Quantization, 14, 2013, 142-151, ISSN 1314-3247.
66. Mladenov I., M. Hadzhilazova, V. Vassilev, P. Djondjorov. Unduloid-like Equilibrium Shapes of Carbon Nanotubes Subjected to Hydrostatic Pressure. Geometric Methods in Physics, 2013, 195-202, ISBN 979-3-0348-0644-2.
67. Mladenov I., P. Djondjorov, M. Hadzhilazova, V. Vassilev. Equilibrium Configurations of

Lipid Bilayer Membranes and Carbon Nanostructures. Commun. Theor. Phys., 59, 2013, 213-228, ISSN 0253-6102.

68. Neycheva T., T. Stoyanov, R. Abächerli, I. Christov. High Resolution 16-channel ECG Test Simulator for Online Digital-to-Analogue Conversion of Data from PC. Computing in Cardiology, 40, 2013, 457-460, ISSN: 2325-8861.
69. Nikolova B., A. Kostadinova, B. Dimitrov, Z. Zhelev, R. Bakalova, I. Aoki, T. Saga, I. Tsoneva. Fluorescent Imaging for Assessment of The Effect Of Combined Application of Electroporation and Rifampicin on Hacat Cells as A New Therapeutic Approach for Psoriasis. Sensors, 13, 3, 2013, 3625-3634, ISSN 1424-8220.
70. Pajeva I., K. Sterz, K. Steggemann, F. Marighetti, M. Christlieb, M. Wiese. Interactions of the Multidrug Resistance Modulators Tariquidar and Elacridar and Their Analogs with P-glycoprotein. ChemMedChem, 8, 10, 2013, 1701-1713, Online ISSN 1860-7187.
71. Pajeva I., M. Hanl, M. Wiese. Protein Contacts and Ligand Binding in the Inward-facing Model of Human P-glycoprotein. ChemMedChem, 8, 5, 2013, 748-762, Online ISSN 1860-7187.
72. Parvathi R., C. Malathi, M. Akram, K. Atanassov. Intuitionistic Fuzzy Linear Regression Analysis. Fuzzy Optimization and Decision Making, 12, 2, 2013, 215-229. ISSN 1573-2908.
73. Pehlivanova V., V. Krasteva, B. Seifert, K. Lützow, I. Tsoneva, T. Becker, K. Richau, R. Tzoneva. The Role of Alternating Current Electric Field for Cell Adhesion on 2D and 3D Biomimetic Scaffolds based on Polymer Materials and Adhesive Proteins. Journal of Materials Research, 28, 16, 2013, 2180-2186, ISSN: 0884-2914.
74. Pehlivanova V., V. Uzunova, I. Tsoneva, M. R. Berger, I. Ugrinova, R. Tzoneva. Effect of Erufosine on the Reorganization of Cytoskeleton and Cell Death in Adherent Tumor and Non-Tumorigenic Cells. Biotechnology and Biotechnological Equipment, 27, 2, 2013, 3695-3699, ISSN: 1310-2818.
75. Pencheva T., D. Jereva, M. Miteva, I. Pajeva. Post-docking Optimization and Analysis of Protein-Ligand Interactions of Estrogen Receptor Alpha using AMMOS Software. Current Computer-Aided Drug Design, 9, 1, 2013, 83-94, ISSN 1573-4099.
76. Pencheva T., M. Angelova, K. Atanassov. Quality Assessment of Multi-population Genetic Algorithms Performance. International Journal of Scientific and Engineering Research, 4, 12, 2013, 1870-1875.
77. Peshev R., L. Christova. Bovine Herpes Virus 4 (BHV4) Infection Induced by Stress in Imported Cows. Revue de Medecine Veterinaire, 164, 3, 2013, 112-119, ISSN 0035-1555.
78. Peshev R., L. Christova. Distribution of Bovine Herpesvirus in Cattle Population and Bulls from Centers for Artificial Insemination and Private Farms in Bulgaria. Arhiv veterinarske medicine, 6, 1, 2013, 3-17, ISSN 1820-9955.
79. Peshev R., L. Christova. New Molecular Data on Epidemiological Study of Bovine Herpes Virus 1 Strains. Comptes rendus de l'Academie bulgare des Sciences, 66, 4, 2013, 533-542, ISSN 1310-1331.
80. Petkova D., T. Markovska, G. Staneva, R. Scrobanska, A. Momchilova. Effect of Inulin Intake on the Content and Susceptibility to Oxidative Damage of Cholesterol in Rat Liver Plasma Membranes. C. R. Acad. Bulg. Sci., 66, 3, 2013, 401-406, ISSN 1310-1331.
81. Popova A. V., D. K. Hincha. Interactions of the Amphiphiles Arbutin and Tryptophan with Phosphatidylcholine and Phosphatidylethanolamine Bilayers in the Dry State, BMC Biophysics, 6, 9, 2013, ISSN 2046-1682
82. Pramatarova L. D., T. A. Hikov, N. A. Krasteva, P. Petrik, R. P. Dimitrova, E. V. Pecheva, E. I. Radeva, E. Agocsa, I. G. Tsvetanova, R. P. Presker. Protein Adsorption on Detonation Nanodiamond/Polymer Composite Layers. Materials Research Society Symposium Proceedings, 1479, 2013, 51-56, ISSN 1944-8252.

83. Pulov V., E. Chacarov, M. Hadzhilazova, I. Mladenov. Symmetry Properties of the Membrane Shape Equation. Geometry, Integrability and Quantization, 14, 2013, 152-159, ISSN 1314-3247.
84. Raikova R., H. Aladjov, J. Celichowski, P. Krutki. An Approach for Simulation of the Muscle Force Modeling it by Summation of Motor Unit Contraction Forces. Computational and Mathematical Methods in Medicine, 2013, Art. No. 625427, ISSN 1748-670X (Print), ISSN 1748-6718 (Online).
85. Riečan B., A. Ban, K. Atanassov. Modification of the Weight-center Operator, Defined over Intuitionistic Fuzzy Sets. Part 2. Notes on Intuitionistic Fuzzy Sets, 19, 2, 2013, 1-5. ISSN 1310-4926.
86. Riečan B., A. Ban, K. Atanassov. Modification of the Weight-center Operator, Defined over Intuitionistic Fuzzy Sets. Part 3. Notes on Intuitionistic Fuzzy Sets, 19, 3, 2013, 20-24. ISSN 1310-4926.
87. Roeva O., A. Michalíková. Generalized Net Model of Intuitionistic Fuzzy Logic Control of Genetic Algorithm Parameters. Notes on Intuitionistic Fuzzy Sets, 19, 2, 2013, 71-76, ISSN 1310-4926.
88. Roeva O., S. Fidanova, M. Paprzycki. Influence of the Population Size on the Genetic Algorithm Performance in Case of Cultivation Process Modelling. Proc. of the Federated Conference on Computer Science and Information Systems (FedCSIS), WCO 2013, Poland, 371-376, ISBN 978-1-4673-4471-5.
89. Roeva O., S. Fidanova. Hybrid Bat Algorithm for Parameter Identification of an *E. coli* Cultivation Process Model, Biotechnology and Biotechnological Equipment, 27, 6, 2013, 4323-4326, ISSN 1310-2818.
90. Sotirova E., S. Sotirov, A. Dimitrov, K. Atanassov. On Some Applications of Game Method for Modeling. Part 3: Simulation of Oil Transformation in Marine Environment, Proc. of the Jangjeon Mathematical Society, 16, 2, 2013, 293-300. ISSN 1598-7264.
91. Sotirova E., V. Bureva, E. Velizarova, S. Fidanova, P. Marinov, A. Shannon, K. Atanassov. Modelling Forest Fire Spread through a Game Method for Modelling Based on Hexagonal Cells with Intuitionistic Fuzzy Estimations. Notes on Intuitionistic Fuzzy Sets, 19, 3, 2013, 73-80. ISSN 1310-4926.
92. Stephanova D. I., M. Daskalova, S. M. Krustev, N. Negrev. Modified Multi-layered Model of Temperature Dependent Motor Nerve Axons. Scripta Scientifica Medica, 45, 3, 2013, 36-41, ISSN 0582-3250.
93. Surchev J., L. Todorova, A. Hadjiianev. Mathematical Index for Comparing the Survival of Homogenous Groups of Ventricular Shunts. Comptes rendus de l'Académie bulgare des Sciences, 66, 8, 2013, 1211-1217, ISSN 1310-1331.
94. Szalontai B., G. Nagy, S. Krumova, E. Fodor, T. Páli, S. G. Taneva, G. Garab, J. Peters, A. Dér. Hofmeister Ions Control Protein Dynamics. Biochimica et Biophysica Acta - General Subjects, 1830, 10, 2013, 4564-4572, ISSN: 0304-4165.
95. Todorova L., P. Vassilev, M. Matveev, V. Krasteva, I. Jekova, S. Hadjitodorov, G. Georgiev, S. Milanov, Generalized Net Model of a Protocol for Weaning from Mechanical Ventilation. Comptes rendus de l'Académie bulgare des Sciences, 66, 10, 2013, 1385-1392, ISSN 1310-1331.
96. Todorova R., Ewing's Sarcoma Cancer Stem Cell Targeted Therapy. Curr. Stem Cell Res. Ther., 9, 1, 2013, 46-62, ISSN: 1574-888X.
97. Vassilev P. On an Operator, Mapping Intuitionistic Fuzzy Sets into Fuzzy Sets. Notes on Intuitionistic Fuzzy Sets, 19, 2, 2013, 21-24, ISSN 1310-4926.
98. Vassilev P. On Intuitionistic Fuzzy Subsets with Diminishing Hesitancy Values. Notes on Intuitionistic Fuzzy Sets, 19, 3, 2013, 47-50, ISSN 1310-4926.

99. Vassilev V., P. Djondjorov, M. Hadzhilazova, I. Mladenov. Traveling Wave Solutions of the One-Dimensional Boussinesq Paradigm Equation, AIP Conference Proceedings, 1561, 2013, 327-332, ISSN- 0094-243X.
100. Vavrek E., N. Muradyan, A. S. Alexandrov, N. Koleva, M. Daskalov. Atypical Case of Generalized MuSK Myasthenia Gravis. Comptes rendus de l'Académie bulgare des Sciences, 66, 8, 2013, 1191-1196, ISSN 1310-1331.
101. Velitchkova M., D. Stanoeva, A. V. Popova. Sensitivity of Two Ecotypes of *Arabidopsis thaliana* (Cvi and Te) towards UV-B irradiation. Compt. rend. Acad. bulg. Sci., 66, 6, 2013, 839-846, ISSN 1310-1331.
102. Velitchkova M., D. Stanoeva, A. V. Popova. UV-B induced Alteration in Primary Photosynthetic Reactions in Isolated Thylakoid Membranes from *Arabidopsis thaliana* (C24). Compt. rend. Acad. bulg. Sci., 66, 11, 1553-1561, ISSN 1310-1331.
103. Velitchkova M., V. Dolchinkova, D. Lazarova, G. Mihailova, S. Doncheva, K. Georgieva. Effect of High Temperature on Dehydration-induced Alterations in Photosynthetic Characteristics of the Rresurrection Plant *Haberlea rhodopensis*. Photosynthetica, 51, 2013, 630-640, ISSN 0300-3604.

- приети за печат

1. Andreeva T. D., S. B. Krumova, I. L. Minkov, M. Busheva, Z. Lalchev, S. G. Taneva. Protonation-induced Changes in the Macroorganization of LHCII Monolayers Colloids and Surfaces. A: Physicochem. Eng. Aspects, 2013, in press, DOI: http://dx.doi.org/doi:10.1016/j.colsurfa.2013.12.044
2. Atanassova V. The Generalized Nets Transitions Representability Problem: Extension with Boundary Cases and Minimal Solution. International Journal of Intelligent Systems, Art. ID: int21640, 2013, in press, Print ISSN: 0884-8173 Online ISSN: 1098-111X.
3. Dimitrov A. G., N. A. Dimitrova. Internodal Mechanism of Pathological after Discharges in Myelinated Axons. Muscle & Nerve, 2013, in press, Online ISSN 1097-4598, Journal ISSN: 0148-639X.
4. Ignatova V., L. Todorova, L. Haralanov, M. Matveev. Somatosensory Evoked Potentials (SSEP) in Monitoring of Multiple Sclerosis. Comparison with Disability and MRI. Bulgarian Neurology, 2013, in press, ISSN 1311-8641.
5. Ilkova T., M. Petrov. Modeling and Prognosis of Burnt Forest Areas in Bulgaria by Modified Method of the Time Series Analysis. Journal of International Scientific Publications: Materials: Methods and Technologies, 2013, in press, ISSN: 1313–2539.
6. Keranov I., M. Michel, A. Kostadinova, S. Miloshev, T. Vladkova. Well-defined Nanoparticles from Poly(N-vinyl pyrrolidone-b-dimethylsiloxane) Prepared by Conventional Radical Polymerization. International Journal of Engineering and Innovative Technology, 2013, Art. no. ID201407_3002, in press, ISSN:2277-3754.
7. Lana D., F. Cerbai, J. Di Russo, F. Boscaro, A. Giannetti, P. Petkova-Kirova, A. M. Pugliese, M. G. Giovannini. Hippocampal Long Term Memory: Effect of the Cholinergic System on Local Protein Synthesis. Neurobiol Learn Mem, 106C, 2013, 246-257, in press, ISSN 1074-7427.
8. Lazarova D., D. Stanoeva, A. Popova, D. Vasilev, M. Velitchkova. UV-B - induced Alteration of Oxygen Evolving Reactions in Pea Thylakoid Membranes as Affected by Scavengers of Reactive Oxygen Species. Biologia Plantarum, 2013, in press, ISSN 0006-3134.
9. Momchilova A., D. Petkova, G. Staneva, T. Markovska, R. Pankov, R. Skrobanska, M. Nikolova-Karakashian, K. Koumanov. Resveratrol Alters the Lipid Composition, Metabolism and Peroxide Level in Senescent Rat Hepatocytes. Chemico-Biological Interactions, 2013, in press, ISSN 0009-2797.

10. Nikolova B., E. Peycheva, Z. Mudrov, T. Dobreva, M. Matveev, I. Tsoneva. Current Statement of Electrochemotherapy in Bulgaria. International Journal Bioautomation, 2013, in press, ISSN: 1314-2321 (on-line) 1314-1902 (print).
11. Parvanova B., T. Stoyanchev, I. Zlatanov, I. Ivanov. Spectrofluorimetric Study of the Ion Permeability Activation in Listeria Monocytogenes at Supraoptimal Temperatures. Bulgarian Journal of Veterinary Medicine, 2013, in press, ISSN: 1311-1477.
12. Pencheva T., M. Angelova. Intuitionistic Fuzzy Logic Implementation to Assess Purposeful Model Parameters Genesis. Sgurev V., R. Yager, J. Kacprzyk, K. Atanassov (Eds.), Recent Contributions on Intelligent Systems, Springer, 2013, in press.
13. Petrov M., T. Ilkova. Modelling of Batch Cultivation of *Saccharomyces cerevisiae* Using Different Mixing Systems. Journal of International Scientific Publications: Materials, Methods & Technology, 2013, in press, ISSN: 1313–2539.
14. Staneva G., D. Petkova, R. Hazarosova, R. Georgieva, R. Pankov, R. Skrobanska, A. Momchilova, Intake of Xylooligosaccharides Alters the Structural Organization of Liver Plasma Membrane Bilayer, Food Biophysics, 2013, in press, ISSN 1557-1858.
15. Todorova R., Disordered Binding Regions of Ewing's Sarcoma Fusion Proteins. Russian Journal of Bioorganic Chemistry, Bioorganicheskaya Khimiya, 2013, in press, ISSN: 1998-2860 (Online).

3.2. Списък на публикациите, които са включени в издания с импакт фактор, IF (Web of Science) или импакт ранг SJR (SCOPUS) – те са част от горния списък (3.1.):
- излезли от печат

1. Andonov V., K. Atanassov. Generalized Nets with Characteristics of the Places, Comptes Rendus de l'Academie bulgare des Sciences, 66, 12, 2013, 1673-1680. ISSN 1310-1331.
2. Apostolova E. L. Effect of High-light on Photosynthetic Apparatus with Different Content of Anionic Lipids and Organization of Light-harvesting Complex of Photosystem II. Acta Physiol. Plant., 35, 2013, 975-978, ISSN 0137-5881.
3. Arabadzhiev T. Peculiarities of Extracellular Potentials Produced by Deep Muscles. Part 1: Single Fibre Potential Fields. Medical and Biological Engineering and Computing, 51, 6, 2013, 677-686, ISSN: 0140-0118 (print version) ISSN: 1741-0444 (electronic version).
4. Arabadzhiev T. Peculiarities of Extracellular Potentials Produced by Deep Muscles. Part 2: Motor Unit Potentials. Medical and Biological Engineering and Computing, 51, 7, 2013, 769-779, ISSN: 0140-0118 (print version) ISSN: 1741-0444 (electronic version).
5. Atanassov K. A Formula for the n-th Prime Number. Comptes Rendus de l'Academie bulgare des Sciences, 66, Suppl. 4, 2013, 503-506. ISSN 1310-1331.
6. Bañuelos S., B. Lectez, S. G. Taneva, G. Ormaza, M. Alonso-Mariño, X. Calle, M. A. Urbaneja. Recognition of Intermolecular G-quadruplexes by Full Length Nucleophosmin. Effect of a Leukaemia-associated Mutation. FEBS Letters, 587, 14, 2013, 2254-2259, ISSN: 0014-5793.
7. Brezov D., C. Mladenova, I. Mladenov. New Perspective on the Gimbal Lock Problem, AIP Conference Proceedings, 1570, 2013, 367-374, ISSN-0094-243X.
8. Brezov D., C. Mladenova, I. Mladenov. Quarter Turns and New Factorizations of Rotations. C. R. Acad. Bulg. Sci., 66, 8, 2013, 1105-1114, ISSN 1310-1331.
9. Brezov D., C. Mladenova, I. Mladenov. Some New Results on Three-Dimensional Rotations and Pseudo-Rotations, AIP Conference Proceedings, 1561, 2013, 275-288, ISSN- 0094-243X.
10. Bryaskova R., N. Georgieva, T. Andreeva, R. Tzoneva. Cell Adhesive Behavior of PVA-based Hybrid Materials with Silver Nanoparticles. Surface and Coatings Technology, 235, 2013, 186-191, ISSN: 0257-8972.

11. Christov I., G. Bortolan, I. Simova. Load Dependent Changes of Cardiac Depolarization and Repolarization during Exercise ECG test. Computing in Cardiology, 40, 2013, 547-550, ISSN: 2325-8861.
12. Christov I., I. Simova, R. Abächerli. Cancellation of the Maternal and Extraction of the Fetal ECG in Noninvasive Recordings. Computing in Cardiology, 40, 2013, 153-156, ISSN: 2325-8861.
13. Christova N., B. Tuleva, A. Kril, M. Georgieva, S. Konstantinov, I. Terziyski, B. Nikolova, I. Stoineva. Chemical Structure and in vitro Antitumor Activity of Rhamnolipids from Pseudomonas Aeruginosa BN10. Appl. Biochem. Biotechnol., 170, 3, 2013, 676-689, ISSN 1559-0291.
14. Dobrikova A. G., I. Domonkos, Ö. Sözer, H. Laczkó-Dobos, M. Kis, Á. Párduc, Z. Gombos, E. L. Apostolova. Effect of Partial or Complete Elimination of Light-harvesting Complexes on the Surface Electric Properties and the Functions of Cyanobacterial Photosynthetic Membranes. Physiol. Plantarum., 147, 2013, 248-260, ISSN 1399-3054.
15. Dobrikova A. G., V. Krasteva, E. L. Apostolova. Damage and Protection of the Photosynthetic Apparatus from UV-B Radiation. I. Effect of Ascorbate. J. Plant Physiology, 170, 2013, 251-257, ISSN 0176-1617.
16. Dobrikova A., R. Vladkova, D. Stanoeva, A. Popova, M. Velitchkova. Effects of 24-Epibrassinolide Pre-treatment on UV-B-induced Changes in the Pigment Content of Pea Leaves, Compt. rend. Acad. bulg. Sci., 66, 4, 2013, 543-550, ISSN 1310-1331.
17. Emilova R., D. Dimitrova, V. Georgiev, T. Daneva, H. S. Gagov. Cystathionine Gamma-lyase as a Regulator of Resistance Artery Contraction under Normal and Hyperglycemic Conditions. Bulgarian Journal of Agricultural Science, 19, 2, 2013, 175-177, ISSN 1310-0351.
18. Fidanova S., O. Roeva. Metaheuristic Techniques for Optimization of an *E. coli* Cultivation Model. Biotechnology and Biotechnological Equipment, 27, 3, 2013, 3870-3876, ISSN: 1310-2818.
19. Fratev F., S. O. Jónsdóttir, I. Pajeva. Structural Insight into the UNC-45-Myosin Complex. Proteins, 81, 7, 2013, 1212-1221, Online ISSN 1097-0134.
20. Georgiev N. I., R. Bryaskova, R. Tzoneva, I. Ugrinova, C. Detrembleur, S. Miloshev, A. M. Asiri, A. H. Qusti, V. B. Bojinov. A Novel pH Sensitive Water Soluble Fluorescent Nanomicellar Sensor for Potential Biomedical Applications, Bioorganic and Medicinal Chemistry, 21, 21, 2013, 6292-6302, ISSN: 0968-0896.
21. Georgieva N., R. Bryaskova, N. Lazarova, D. Peshev, R. Tzoneva. PVA-based Hybrid Materials for Immobilization of Trichosporon Cutaneum R57 Efficient in Removal of Chromium Ions. Comptes Rendus de L'Academie Bulgare des Sciences, 66, 1, 2013, 35-44, ISSN 1310-1331.
22. Georgieva R., A. Momchilova, D. Petkova, K. Koumanov, G. Staneva. Effect of n-Propyl Gallate on Lipid Peroxidation in Heterogenous Model Membranes. Biotechnol. Biotechnol. Equip., 27, 2013, 4145-4149, ISSN 1310-2818.
23. Ignatova V., L. Todorova, L. Haralanov, M. Matveev. Dynamic Changes of Visual Evoked Potentials and Brainstem Auditory Evoked Potentials in Patients with Multiple Sclerosis. Comptes rendus de l'Académie bulgare des Sciences, 66, Suppl. 4, 2013, 611-616, ISSN 1310-1331.
24. Ignatova V., L. Todorova, L. Haralanov. Somatosensory Evoked Potentials and Brainstem Auditory Evoked Potentials in Assessment of Brainstem Dysfunction in Multiple Sclerosis. Comparison with MRI. Journal of the Neurological Sciences, 333, Suppl. 1, 2013, e640, ISSN: 0022-510X.

25. Ignatova V., Ts. Stoyanova, L. Todorova, L. Haralanov. Impact of Depression and Fatigue on Cognitive Function in Multiple sclerosis. Multiple Sclerosis Journal, 19, 7, 2013, 985-986, ISSN 1352-4585.
26. Ilkova T., O. Roeva, M. Petrov. Multiple Objective Optimisation of Batch Cultivation of *Saccharomyces cerevisiae* in Mixing System. Biotechnology and Biotechnological Equipment, 27, 5, 2013, 4162-4166, ISSN 1310-2818.
27. Jekova I, V. Krasteva, R. Abächerli. Detection of Electrode Interchange in Precordial and Orthogonal ECG leads. Computing in Cardiology, 40, 2013, 519-522, ISSN: 2325-8861.
28. Kostadinova A., N. Zaekov, I. Keranov. Interaction of Cells with Modified Polyethylenglycol Surfaces. Bulg. J. Agric. Sci., 19, Suppl. 2, 2013, 178-181, ISSN 1310-0351.
29. Krasteva V., I. Jekova, T. Stoyanov, S. Ménétré, JP. Didon. Performance of Heart Rhythm Analysis during Chest Compressions in Out-of-hospital Cardiac Arrest. Computing in Cardiology, 40, 2013, 1091-1094, ISSN: 2325-8861.
30. Krumova S., B. Rukova, S. Todinova, L. Gartcheva, V. Milanova, D. Toncheva, S. G. Taneva. Calorimetric Monitoring of the Serum Proteome in Schizophrenia Patients. Thermochimica Acta, 572, 2013, 59-64, ISSN: 0040-6031.
31. Krumova S., M. Zhiponova, K. Dankov, V. Velikova, K. Balashev, T. Andreeva, E. Russinova, S. Taneva. Brassinosteroids Regulate the Thylakoid Membrane Architecture and the Photosystem II Function. Journal of Photochemistry and Photobiology B: Biology, 126, 2013, 97-104, ISSN: 1011-1344.
32. Krumova S., V. Motyka, P. Dobrev, M. Todorova, A. Trendafilova, L. Evstatieva, K. Danova. Terpenoid Profile of Artemisia Alba is Related to Endogenous Cytokinins in vitro. Bulgarian Journal of Agricultural Science, 19, 2013, 26-30, ISSN 1310-0351.
33. Krutki P., W. Mrówczyński, R. Raikova, J. Celichowski. Concomitant Changes in Afterhyperpolarization and Twitch Following Repetitive Stimulation of Fast Motoneurones and Motor Units. Experimental Brain Research, 2013, 1432-1106, ISSN 0014-4819.
34. Mancheva K., L. Christova, A. Kossev. Effects of Muscle Activation Mode on Reaction Time. Comptes rendus de l'Académie bulgare des Sciences, 66, 11, 2013, 1633-1638, ISSN 1310-1331.
35. Mladenov I., P. Djondjorov, M. Hadzhilazova, V. Vassilev. Equilibrium Configurations of Lipid Bilayer Membranes and Carbon Nanostructures. Commun. Theor. Phys., 59, 2013, 213-228, ISSN 0253-6102.
36. Neycheva T., T. Stoyanov, R. Abächerli, I. Christov. High Resolution 16-channel ECG Test Simulator for Online Digital-to-Analogue Conversion of Data from PC. Computing in Cardiology, 40, 2013, 457-460, ISSN: 2325-8861.
37. Nikolova B., A. Kostadinova, B. Dimitrov, Z. Zhelev, R. Bakalova, I. Aoki, T. Saga, I. Tsoneva. Fluorescent Imaging for Assessment of The Effect Of Combined Application of Electroporation and Rifampicin on Hacat Cells as A New Therapeutic Approach for Psoriasis. Sensors, 13, 3, 2013, 3625-3634, ISSN 1424-8220.
38. Pajeva I., K. Sterz, K. Steggemann, F. Marighetti, M. Christlieb, M. Wiese. Interactions of the Multidrug Resistance Modulators Tariquidar and Elacridar and Their Analogs with P-glycoprotein. ChemMedChem, 8, 10, 2013, 1701-1713, Online ISSN 1860-7187.
39. Pajeva I., M. Hanl, M. Wiese. Protein Contacts and Ligand Binding in the Inward-facing Model of Human P-glycoprotein. ChemMedChem, 8, 5, 2013, 748-762, Online ISSN 1860-7187.
40. Parvathi R., C. Malathi, M. Akram, K. Atanassov. Intuitionistic Fuzzy Linear Regression Analysis. Fuzzy Optimization and Decision Making, 12, 2, 2013, 215-229. ISSN 1573-2908.

41. Pehlivanova V., V. Krasteva, B. Seifert, K. Lützow, I. Tsoneva, T. Becker, K. Richau, R. Tzoneva. The Role of Alternating Current Electric Field for Cell Adhesion on 2D and 3D Biomimetic Scaffolds based on Polymer Materials and Adhesive Proteins. Journal of Materials Research, 28, 16, 2013, 2180-2186, ISSN: 0884-2914.
42. Pehlivanova V., V. Uzunova, I. Tsoneva, M. R. Berger, I. Ugrinova, R. Tzoneva. Effect of Erufosine on the Reorganization of Cytoskeleton and Cell Death in Adherent Tumor and Non-Tumorigenic Cells. Biotechnology and Biotechnological Equipment, 27, 2, 2013, 3695-3699, ISSN: 1310-2818.
43. Pencheva T., D. Jereva, M. Miteva, I. Pajeva. Post-docking Optimization and Analysis of Protein-Ligand Interactions of Estrogen Receptor Alpha using AMMOS Software. Current Computer-Aided Drug Design, 9, 1, 2013, 83-94, ISSN 1573-4099.
44. Pencheva T., M. Angelova, K. Atanassov. Quality Assessment of Multi-population Genetic Algorithms Performance. International Journal of Scientific and Engineering Research, 4, 12, 2013, 1870-1875.
45. Peshev R., L. Christova. Bovine Herpes Virus 4 (BHV4) Infection Induced by Stress in Imported Cows. Revue de Medecine Veterinaire, 164, 3, 2013, 112-119, ISSN 0035-1555.
46. Peshev R., L. Christova. Distribution of Bovine Herpesvirus in Cattle Population and Bulls from Centers for Artificial Insemination and Private Farms in Bulgaria. Arhiv veterinarske medicine, 6, 1, 2013, 3-17, ISSN 1820-9955.
47. Peshev R., L. Christova. New Molecular Data on Epidemiological Study of Bovine Herpes Virus 1 Strains. Comptes rendus de l'Academie bulgare des Sciences, 66, 4, 2013, 533-542, ISSN 1310-1331.
48. Petkova D., T. Markovska, G. Staneva, R. Scrobanska, A. Momchilova. Effect of Inulin Intake on the Content and Susceptibility to Oxidative Damage of Cholesterol in Rat Liver Plasma Membranes. C. R. Acad. Bulg. Sci., 66, 3, 2013, 401-406, ISSN 1310-1331.
49. Popova A. V., D. K. Hincha. Interactions of the Amphiphiles Arbutin and Tryptophan with Phosphatidylcholine and Phosphatidylethanolamine Bilayers in the Dry State, BMC Biophysics, 6, 9, 2013, ISSN 2046-1682
50. Pramatarova L. D., T. A. Hikov, N. A. Krasteva, P. Petrik, R. P. Dimitrova, E. V. Pecheva, E. I. Radeva, E. Agocsa, I. G. Tsvetanova, R. P. Presker. Protein Adsorption on Detonation Nanodiamond/Polymer Composite Layers. Materials Research Society Symposium Proceedings, 1479, 2013, 51-56, ISSN 1944-8252.
51. Raikova R., H. Aladjov, J. Celichowski, P. Krutki. An Approach for Simulation of the Muscle Force Modeling it by Summation of Motor Unit Contraction Forces. Computational and Mathematical Methods in Medicine, 2013, Art. No. 625427, ISSN 1748-670X (Print), ISSN 1748-6718 (Online).
52. Roeva O., S. Fidanova. Hybrid Bat Algorithm for Parameter Identification of an *E. coli* Cultivation Process Model, Biotechnology and Biotechnological Equipment, 27, 6, 2013, 4323-4326, ISSN 1310-2818.
53. Surchev J., L. Todorova, A. Hadjiianev. Mathematical Index for Comparing the Survival of Homogenous Groups of Ventricular Shunts. Comptes rendus de l'Académie bulgare des Sciences, 66, 8, 2013, 1211-1217, ISSN 1310-1331.
54. Szalontai B., G. Nagy, S. Krumova, E. Fodor, T. Páli, S. G. Taneva, G. Garab, J. Peters, A. Dér. Hofmeister Ions Control Protein Dynamics. Biochimica et Biophysica Acta - General Subjects, 1830, 10, 2013, 4564-4572, ISSN: 0304-4165.
55. Todorova L., P. Vassilev, M. Matveev, V. Krasteva, I. Jekova, S. Hadjitodorov, G. Georgiev, S. Milanov, Generalized Net Model of a Protocol for Weaning from Mechanical Ventilation. Comptes rendus de l'Académie bulgare des Sciences, 66, 10, 2013, 1385-1392, ISSN 1310-1331.

56. Todorova R., Ewing's Sarcoma Cancer Stem Cell Targeted Therapy. Curr. Stem Cell Res. Ther., 9, 1, 2013, 46-62, ISSN: 1574-888X.
57. Vassilev V., P. Djondjorov, M. Hadzhilazova, I. Mladenov. Traveling Wave Solutions of the One-Dimensional Boussinesq Paradigm Equation, AIP Conference Proceedings, 1561, 2013, 327-332, ISSN- 0094-243X.
58. Vavrek E., N. Muradyan, A. S. Alexandrov, N. Koleva, M. Daskalov. Atypical Case of Generalized MuSK Myasthenia Gravis. Comptes rendus de l'Académie bulgare des Sciences, 66, 8, 2013, 1191-1196, ISSN 1310-1331.
59. Velitchkova M., D. Stanoeva, A. V. Popova. Sensitivity of Two Ecotypes of *Arabidopsis thaliana* (Cvi and Te) towards UV-B irradiation. Compt. rend. Acad. bulg. Sci., 66, 6, 2013, 839-846, ISSN 1310-1331.
60. Velitchkova M., D. Stanoeva, A. V. Popova. UV-B induced Alteration in Primary Photosynthetic Reactions in Isolated Thylakoid Membranes from *Arabidopsis thaliana* (C24). Compt. rend. Acad. bulg. Sci., 66, 11, 1553-1561, ISSN 1310-1331.
61. Velitchkova M., V. Dolchinkova, D. Lazarova, G. Mihailova, S. Doncheva, K. Georgieva. Effect of High Temperature on Dehydration-induced Alterations in Photosynthetic Characteristics of the Rresurrection Plant *Haberlea rhodopensis*. Photosynthetica, 51, 2013, 630-640, ISSN 0300-3604.

- приети за печат

1. Andreeva T. D., S. B. Krumova, I. L. Minkov, M. Busheva, Z. Lalchev, S. G. Taneva. Protonation-induced Changes in the Macroorganization of LHCII Monolayers Colloids and Surfaces. A: Physicochem. Eng. Aspects, 2013, in press, DOI: http://dx.doi.org/doi:10.1016/j.colsurfa.2013.12.044
2. Atanassova V. The Generalized Nets Transitions Representability Problem: Extension with Boundary Cases and Minimal Solution. International Journal of Intelligent Systems, Art. ID: int21640, 2013, in press, Print ISSN: 0884-8173 Online ISSN: 1098-111X.
3. Dimitrov A. G., N. A. Dimitrova. Internodal Mechanism of Pathological after Discharges in Myelinated Axons. Muscle & Nerve, 2013, in press, Online ISSN 1097-4598, Journal ISSN: 0148-639X.
4. Keranov I., M. Michel, A. Kostadinova, S. Miloshev, T. Vladkova. Well-defined Nanoparticles from Poly(N-vinyl pyrrolidone-b-dimethylsiloxane) Prepared by Conventional Radical Polymerization. International Journal of Engineering and Innovative Technology, 2013, Art. no. ID201407_3002, in press, ISSN:2277-3754.
5. Lana D., F. Cerbai, J. Di Russo, F. Boscaro, A. Giannetti, P. Petkova-Kirova, A. M. Pugliese, M. G. Giovannini. Hippocampal Long Term Memory: Effect of the Cholinergic System on Local Protein Synthesis. Neurobiol Learn Mem, 106C, 2013, 246-257, in press, ISSN 1074-7427.
6. Lazarova D., D. Stanoeva, A. Popova, D. Vasilev, M. Velitchkova. UV-B - induced Alteration of Oxygen Evolving Reactions in Pea Thylakoid Membranes as Affected by Scavengers of Reactive Oxygen Species. Biologia Plantarum, 2013, in press, ISSN 0006-3134.
7. Momchilova A., D. Petkova, G. Staneva, T. Markovska, R. Pankov, R. Skrobanska, M. Nikolova-Karakashian, K. Koumanov. Resveratrol Alters the Lipid Composition, Metabolism and Peroxide Level in Senescent Rat Hepatocytes. Chemico-Biological Interactions, 2013, in press, ISSN 0009-2797.
8. Parvanova B., T. Stoyanchev, I. Zlatanov, I. Ivanov. Spectrofluorimetric Study of the Ion Permeability Activation in Listeria Monocytogenes at Supraoptimal Temperatures. Bulgarian Journal of Veterinary Medicine, 2013, in press, ISSN: 1311-1477.

9. Staneva G., D. Petkova, R. Hazarosova, R. Georgieva, R. Pankov, R. Skrobanska, A. Momchilova, Intake of Xylooligosaccharides Alters the Structural Organization of Liver Plasma Membrane Bilayer, Food Biophysics, 2013, in press, ISSN 1557-1858.
10. Todorova R., Disordered Binding Regions of Ewing's Sarcoma Fusion Proteins. Russian Journal of Bioorganic Chemistry, Bioorganicheskaya Khimiya, 2013, in press, ISSN: 1998-2860 (Online).

3.3. Списък на публикациите без реферирane и индексиране в световната система за реферирane, индексиране и оценяване (в световни вторични литературни източници):

- излезли от печат

1. Andonov V. On Some Properties of the Operations and Relations over Generalized Nets. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 10, 2013, 89-96. ISBN 978-83-61551-08-9.
2. Andonov V., D. Stephanova, K. Atanassov. Generalized Net Model for Telecommunication Processes in Telecare Services. Proc. of the 14th Int. Workshop on Generalized Nets, Burgas, 29 November 2013, 77-88. ISSN 1313-6860.
3. Angelova S., R. Raikova, V. Chakarov, H. Aladjov. Estimation of the Upper Arm Motor Deficit in Stroke Patients Using EMG Signals – A Preliminary Study. Series on Biomechanics, 28, 1-2, 2013, 20-27, ISSN 1313-2458.
4. Atanassov K. On the Quantifiers of the Intuitionistic Fuzzy Logic. New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Vol. 1: Foundations, SRI, Polish Academy of Sciences, 2013, 1-8. ISBN 978-83894-75466.
5. Atanassov K., E. Sotirova, V. Bureva, A. Shannon. Temporal Intuitionistic Fuzzy Index Matrices. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 10, 2013, 54-65. ISBN 978-83-61551-08-9.
6. Atanassov K., T. Pencheva. Generalized Net Model of Simple Genetic Algorithm Modifications. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 10, 2013, 97-106. ISBN 978-83-61551-08-9.
7. Atanassova V., E. Marinov, E. Velizarova, E. Sotirova, K. Atanassov. Clearcutting as a Forest Fire Prevention Measure. A Generalized Net Model. Proc. of 14th Int. Workshop on Generalized Nets, Burgas, 29 November 2013, 10-15, ISSN: 1313-6860.
8. Hadjistoykov P., K. Atanassov. Remark on Intuitionistic Fuzzy Cognitive Maps with Descriptors. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 10, 2013, 81-88. ISBN 978-83-61551-08-9.
9. Jekova I., V. Krasteva, G. Georgiev, L. Todorova, P. Vassilev, M. Matveev. Decision Support System for Prediction of the Weaning Outcome from Mechanical Ventilation. Annual Journal of Electronics, 7, 1, 2013, 60-63, ISSN 1314-0078.
10. Keranov I., M. Michel, A. Kostadinova, V. Toniazzo, D. Ruch, T. Vladkova. Poly(*N*-Vinyl Pyrrolidone-*b*-Dimethylsiloxane) Electrospun Nanofibers: Preparation, Characterization and Biological Response. Open Journal of Biophysics, 3, 2, 2013, 148-157, ISSN Print 2164-5388, ISSN Online 2164-5396.
11. Kosev K., V. Ivanov, A. Ananiev, P. Denev, O. Roeva. Generalized Net Model of Interval Mapping QTL Analysis. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 10, 2013, 136-142. ISBN 978-83-61551-08-9.
12. Matveev M., V. Andonov, K. Atanassov, M. Milanova. Generalized Net Model for Telecommunication Processes in Telecare Services. Proc. of the 2013 International Conference on Electronics and Communication Systems, ECS 2013, Rhodes (Rodos), 16-19 July 2013, 142-145, 2013, ISBN 978-1-61804-201-9.

13. Novachev N., P. Bachvarov, K. Atanassov. Generalized Net Model of Waste Electrical and Electronic Management Process in Refinery Sector. Proc. of 14th Int. Workshop on Generalized Nets, Burgas, 29 November 2013, 48-54, ISSN 1313-6860.
14. Parvathi R., S. Thilagavathi, K. Atanassov. Isomorphism on Intuitionistic Fuzzy Directed Hypergraphs. International Journal of Scientific and Research Publications, 3, 3, 2013, 1-8. ISSN 2250-3153.
15. Pencheva T., K. Atanassov, A. Shannon. Generalized Net Model of Rank-based Fitness Assignment in Genetic Algorithms. New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Vol. 2: Applications, SRI, Polish Academy of Sciences, 2013, 127-136, ISBN 978-83894-75473.
16. Pencheva T., M. Angelova, K. Atanassov. Quality Assessment of Multi-population Genetic Algorithms Performance. International Journal of Scientific and Engineering Research, 4, 12, 2013, 1870-1875. ISSN 2229-5518.
17. Pencheva T., O. Roeva, V. Atanassova, M. Angelova. Generalized Net Model of *lac* Operon. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 10, 2013, 183-192. ISBN 978-83-61551-08-9.
18. Petrov M., T. Ilkova. An Application of Fuzzy Neural Network for Modelling of the Forest Fires. Proc. of 21st International Symposium Control of Energy, Industrial and Ecological Systems, Bankia, Bulgaria, 7-8 November 2013, 97-100, ISSN 1313-2237.
19. Ribagin S., V. Andonov, V. Chakarov. Possible Applications of Generalized Nets with Characteristics of the Places. A Medical Example. Proc. of the 14th Int. Workshop on Generalized Nets, Burgas, 29 November 2013, 55-63. ISSN 1313-6860.
20. Riečan B., A. Ban, K. Atanassov. Modifications of the Weight-center Operator, Defined over Intuitionistic Fuzzy Sets. Part 1. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 10, 2013, 1-4. ISBN 978-83-61551-08-9.
21. Roeva O. Generalized Net Model of the Firefly Algorithm. Proc. of 14th Int. Workshop on Generalized Nets, Burgas, 29 November 2013, 21-26, ISSN 1313-6860.
22. Shahpazov G., L. Doukovska, K. Atanassov. Generalized Net Model of the Methodology for Analysis of the Creditworthiness and Evaluation of Credit Risk in SMEs Financing. Proc. of the 3rd International Symposium on Business Modeling and Software Design, Noordwijkerhout, The Netherlands, 8-10 July 2013, 292-297, ISBN 978-989-8565-56-3.
23. Shannon A., B. Riecan, E. Sotirova, M. Krawczak, K. Atanassov, P. Melo-Pinto, T. Kim. Modelling the Process of PhD Preparation using Generalized Nets. Proc. of 14th Int. Workshop on Generalized Nets, Burgas, 29 November 2013, 33-37, ISSN 1313-6860.
24. Shishkova I., R. Dinkov, D. Stratiev, K. Atanasssov. Generalized Net Model of Vacuum Residue Processing in a Refinery. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 10, 2013, 118-124, ISBN 978-83-61551-08-9.
25. Slavov Ts., O. Roeva. Real Time Multiple Model Adaptive Control of Fed-batch Cultivation Process by PLC. Proceedings of Technical University of Sofia, 63, 1, 2013, 189-198, ISSN 1311-0829.
26. Sotirov S., M. Krawczak, K. Atanassov. Modelling of Brain-state-in-a-box Neural Network with a Generalized Net. New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Vol. 2: Applications, SRI, Polish Academy of Sciences, 2013, 153-159. ISBN 978-83894-75473.
27. Szmidt E., J. Kacprzyk, K. Atanassov. Intuitionistic Fuzzy Modifications of Some Peneva-Popchev Formulas for Estimation of Preference Degree. Part 1. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 10, 2013, 12-20. ISBN 978-83-61551-08-9.
28. Todorova L., P. Vassilev, V. Ignatova. A Generalized Net Model for Assessment of the Degree of Disability in Patients with Multiple Sclerosis based on the Abnormalities of

Visual Evoked Potentials. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 10, 2013, 173-182. ISBN 978-83-61551-08-9.

29. Todorova R. Functional Interactions in Transcription and Splicing of Ewing's Sarcoma. Review Article, ISRN Genetics, 2013, 6 pages, ISSN: 2090-8687 (Online)
30. Vassilev P. A Generalized net Model for Stationary Wildfire Sensor Allocation based on Intuitionistic Fuzzy Estimates. Proc. of 14th Int. Workshop on Generalized Nets, Burgas, 29 November 2013, 16-20, ISSN 1313-6860.
31. Баръмова К., Н. Заеков, А. Костадинова. Влияние на дехидратацията като средство за редукция на телесното тегло върху спортните постижения при щангисти. Science & Technologies, III, 1, 2013, 375-380, ISSN 1314-4111.
32. Пехливанова В., В. Узунова, Я. Цонева, М. Бергер, И. Угринова, Р. Цонева. Комбинирано влияние на новия анти-туморен агент еруфозин и електрично поле върху клетки от рак на гърдата. Science & Technologies, III, 1, 2013, 174-178, ISSN 1314-4111.

- приети за печат

1. Dobrinkova N., G. Jordanov, P. Vassilev. Generalized Net Model of Decision Support System of Wildland Fire Estimation. The Case of Harmanli Fire (Bulgaria) 2009. Modern Developments in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Foundations and Applications, *in press*.
2. Vassilev P. Possible Application of New Intuitionistic Fuzzy Set Distance to Game Method for Modelling of Forest Fire Spread. Modern Developments in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Foundations and Applications, *in press*.
3. Сурчев Ж., К. Георгиев, А. Уилям, А. Хаджиянев, Д. Фердинандов, Л. Тодорова. Промени в разпространението на различните тумори в задна черепна ямка при деца за последните 30 години. Национална конференция по неврохирургия, 24-26 октомври 2013, Велинград, под печат.
4. Сурчев Ж., Ю. Тодоров, А. Хаджиянев, Хр. Рангелов, Д. Нешев, А. Уилям, Р. Исакова, Л. Тодорова. Извънредно рядък случай на препонтинен хроничен субдурален хематом. Национална конференция по неврохирургия, 24-26 октомври 2013, Велинград, под печат.
5. Тодорова Л., Ж. Сурчев, П. Василев. Интуиционистки размит подход за оценяване преживяемостта на групи вентрикулни шънтове. Годишник на секция "Информатика", Съюз на учените в България, под печат.

3.4. Списък на монографиите:

- излезли от печат

1. Roeva O., T. Pencheva, A. Shannon, K. Atanassov. Generalized Nets in Artificial Intelligence. Vol. 7: Generalized Nets and Genetic Algorithms. "Prof. M. Drinov" Academic Publishing House, Sofia, 2013, 144 pp., ISBN 978-954-322-700-6.
2. Stephanova D. I., B. Dimitrov, Computational Neuroscience: Simulated Demyelinating Neuropathies and Neuronopathies. Taylor and Francis Group, CRC Press Inc., Boca Raton, London, New York, 2013, 148 pp., ISBN 978-1-4665-7832-6.
3. Младенов И., М. Хаджилазова, Многоликата еластика, Авангард Прима, София, 2013, 224 стр., ISBN 978-619-160-134-9.

- приети за печат

1. Atanassov K., R. Tcvetkov, P. Vassilev, Intuitionistic Fuzzy Sets, Measures and Integrals, Prof. M. Drinov Academic Publishing House, Sofia, 2013, in press.

3.4.1. Списък на глави в книги:

- излезли от печат

1. Angelova M., K. Atanassov, T. Pencheva. Intuitionistic Fuzzy Logic as a Tool for Quality Assessment of Genetic Algorithms Performances. Recent Advances in Computational Optimization, Fidanova S. (Ed.), Studies in Computational Intelligence, Springer International Publishing, Switzerland, Vol. 470, 2013, 1-13, ISBN 978-3-319-00409-9.
2. Angelova M., T. Pencheva. Chapter 1. Improvement of Multi-population Genetic Algorithm Convergence Time. Monte Carlo Methods and Applications, De Gruyter, Berlin, 2013, 1-9, eBook ISBN: 9783110293586.
3. Atanassova L., K. Atanassov. Chapter 4. On a Game-Method for Modeling with Intuitionistic Fuzzy Estimations. Part 2. Generalized Nets, ACO Algorithms, and Genetic Algorithms. Monte Carlo Methods and Applications, De Gruyter, Berlin, 2013, 29-38, eBook ISBN: 9783110293586.
4. Atanassova V., S. Fidanova, I. Popchev, P. Chountas. Chapter 5. Generalized Nets, ACO Algorithms, and Genetic Algorithms, Monte Carlo Methods and Applications, De Gruyter, Berlin, 2013, 39-46, eBook ISBN: 9783110293586.
5. Dimitrov A. G., N. A. Dimitrova, Axonal Afterdischarges: Problems and Mechanisms. Axons: Cell Biology, Molecular Dynamics and Roles in Neural Repair and Rehabilitation. Hiro Yamamoto and Aki Oshiro (Editors), Nova Science Publishers Inc., New York, 2013, 187-240, ISBN 978-1-62948-051-0.
6. Fidanova S., O. Roeva, M. Ganzha. ACO and GA for Parameter Settings of *E. coli* Fed-batch Cultivation Model. Recent Advances in Computational Optimization (Fidanova S., Ed.), Studies of Computational Intelligence, Springer International Publishing Switzerland, Vol. 470, 2013, 51-71. doi: 10.1007/978-3-319-00410-5_4, ISBN: 978-3-319-00409-9.
7. Pencheva T., M. Angelova, K. Atanassov. Chapter 11. Genetic Algorithms Quality Assessment Implementing Intuitionistic Fuzzy Logic. Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, Vasant P. (Ed.), IGI Global, Hershey, Pennsylvania, 2013, 327-354, ISBN 9781466644502.
8. Popova A. V., A. Andreeva. Carotenoid-lipid Interactions. Advances in Planar Lipid Bilayers and Liposomes, 17, 2013, 215-236, ISBN 978-0-12-411516-3.
9. Roeva O. Chapter 21. A Comparison of Simulated Annealing and Genetic Algorithm Approaches for Cultivation Model Identification. Monte Carlo Methods and Applications, De Gruyter, Berlin, 2013, 193-201, ISBN: 978-3-11-029347-0.
10. Roeva O., Ts. Slavov, S. Fidanova. Chapter 7. Population-based vs. Single Point Search Meta-heuristics for a PID Controller Tuning. Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, Vasant P. (Ed.), IGI Global, Hershey, Pennsylvania, 2013. doi:10.4018/978-1-4666-4450-2, ISBN: 9781466644502.
11. Roeva O., Ts. Slavov. A New Hybrid GA-FA Tuning of PID Controller for Glucose Concentration Control. Recent Advances in Computational Optimization (Fidanova S., Ed.), Studies of Computational Intelligence, Springer International Publishing Switzerland, Vol. 470, 2013, 155-168. doi: 10.1007/978-3-319-00410-5_9, ISBN: 978-3-319-00409-9.
12. Staneva G., A. Momchilova, K. Koumanov, M. I. Angelova. Developing Cell-scale Biomimetic Systems. A Tool for Understanding Membrane Organization and its Implication in Membrane-associated Pathological Processes. Adv. Planar Lipid Bilayers Liposomes (Eds. Iglič A., J. Genova), 17, 2013, 167-213, ISBN 978-0-12-411516-3.
13. Tóth T., V. V. Chukhutsina, S. B. Krumova, Z. Gombos, H. van Amerongen. Fluorescence Lifetime Imaging Microscopy of *Synechocystis* WT Cells – Variation in Photosynthetic Performance of Individual Cells in Various Strains of *sp.* PCC 6803, In: Photosynthesis

Research for Food, Fuel and the Future. Advanced Topics in Science and Technology in China, Zhejiang University Press, Hangzhou and Springer-Verlag Berlin Heidelberg, 2013, 139-142, ISBN-10: 3642320333.

14. Velitchkova M., D. Lazarova, G. Mihailova, D. Stanoeva, V. Dolchinkova, K. Georgieva, Characterization of Energy Transfer Processes and Flash Oxygen Yields of Thylakoid Membranes Isolated from Resurrection Plant Haberlea rhodopensis Subjected to Different Extent of Desiccation. Photosynthesis Research for Food, Fuel and Future (Eds. Tingyun Kuang, Congming Lu, Lixin Zhang) Zhejiang University Press, Hangzhou and Springer-Verlag Berlin Heidelberg, 2013, 531-534, ISBN 978-3-642-32033-0.
15. Александров А., Университетът. Университетско издателство „Св. Климент Охридски“, София, 2013, 149-154 (глава), ISBN 978 954 07 3593 1.

- приети за печат

1. Angelova M., T. Pencheva. Genetic Operators Significance Assessment in Simple Genetic Algorithm. Lecture Notes in Computer Science, 8353, 2013, in press.
2. Apostolova E. L., A. N. Misra. Alteration in Structural Organization Affect the Functional Ability of Photosynthetic Apparatus. Handbook of Plant and Group Physiology, Third Edition (ed. Pessarakli), CRC Press, Taylor & Francis Group, 2013, in press.
3. Ivanov A., M. Velitchkova. Mechanisms of Stimulation of Photosystem I Activity in Chloroplast Membranes Under Heat Stress. Correlation Between P700 Photooxidation and Thermostability of Thylakoid Membrane Organization. Photosynthesis: Open Questions and What We Know Today, (Eds. Allakhverdiev S. I., Rubin A. B., Shuvalov V. A.), Institute of Computer Science, Izhevsk, Moscow, 2013, in press.
4. Martiny V. Y., I. Pajeva, M. Wiese, A. M. Davis, M. A. Miteva. Chemoinformatic and Chemogenomic Approach to ADMET. Chapter 5, Part II: Intelligent Integration and Extrapolation of ADMET Data. Predictive ADMET: Integrated Approaches in Drug Discovery and Development (Eds. J. Wang and L. Urban), John Wiley & Sons, Inc., 2013, in press.
5. Misra A. N., R. Singh, M. Misra, R. Vladkova, A. G. Dobrikova, E. L. Apostolova. Nitric Oxide Mediated Effects on Chloroplasts. Structures, Mechanisms, and Applications of Photosynthetic Apparatus (Eds. Allakverdiev S. I., Najafpour M. M., Hou H. J.), e-book, 2013, in press.
6. Roeva O., S. Fidanova, V. Atanassova. Hybrid ACO-GA for Parameter Identification of an *E. coli* Cultivation Process Model. Lecture Notes in Computer Science, 8353, 2013, in press.

3.5. Списък на учебници, учебни помагала, публицистика, научно-популярни произведения, художествени творби от всякакъв вид:

1. ...

Списък на цитиранията за 2013 г.

1.	**Acebron S.P., Fernandez-Saiz V., Taneva S.G., Moro F., Muga A. DnaJ recruits DnaK to protein aggregates, Journal of Biological Chemistry, 283(3), 2008, 1381-1390**	
1	1	Doyle S.M., Genest O., Wickner S., Protein rescue from aggregates by powerful molecular chaperone machines, Nature Reviews Molecular Cell Biology, 14(10), 2013, 617-629
2.	**Aladjov H., Intuitionistic Fuzzy Generalized Net Model for Machine Learning Process. Proceedings of the Workshop on Intuitionistic Fuzzy Sets, Warsaw, 15 July 1998, Notes on Intuitionistic Fuzzy Sets, Vol. 4. , No. 1, 1998, 15-22.**	
2	1	Alexander T., E. Kirubakaran. Neural Network and GA based Intelligent Negotiation System. International journal of computer applications, 2013, 68-73
3.	**Aladjov, H., K. Atanassov. A generalized net for genetic algorithms learning. In: Proc. of the XXX Spring Conf. of the Union of Bulgarian Mathematicians, Borovets, 8-11 April 2001, 242-248.**	
3	1	Georgieva, V. Generalized Net Model of the Process of Fresh Water Treatment. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 163-172.
4	2	Kosev, K., V. Ivanov, A. Ananiev, P. Denev, O. Roeva. Generalized net model of interval mapping QTL analysis. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 136-142.
5	3	Pencheva, T., O. Roeva, V. Atanassova, M. Angelova. Generalized Net Model of the lac Operon. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 183-192.
4.	**Altankov G., Groth T., Krasteva N., Albrecht W., Paul D., Morphological evidence for a different fibronectin receptor organization and function during fibroblast adhesion on hydrophilic and hydrophobic glass substrata Journal of Biomaterials Science, Polymer Edition, 8 (9), 1997, pp. 721-740, ISSN (printed): 0920-5063**	
6	1	Schlie-Wolter, S., Ngezahayo, A., Chichkov, B. N.,The selective role of ECM components on cell adhesion, morphology, proliferation and communication in vitro, Experimental Cell Research, 319 (10), 2013, pp. 1553-1561
5.	**Alves, I., G. Staneva, C. Tessier, G. F. Salgado, P. Nuss, The interaction of antipsychotic drugs with lipids and subsequent lipid reorganization investigated using biophysical methods, Biochim. Biophys. Acta, 1808 (8), 2011, 2009-2018**	
7	1	Canfrań-Duque A., Casado M.E, Pastor Ó., Sánchez-Wandelmer J., De La Penã G, Lerma M., Mariscal P., Bracher F., Lasunción M.A., Busto R., Atypical antipsychotics alter cholesterol and fatty acid metabolism in vitro, J. Lipid Res., 54 (2), 2013, 310-324
6.	**Andreeva A., I. Apostolova, M. Velitchkova (2011) Temperature dependence of resonance Raman spectra of carotenoids, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy. 78 (4), pp. 1261-1265. ISSN 1386-1425.**	
8	1	Brose K., Simulationen und Messungen polarisationsabhängiger Raman-Intensitäten von -Carotinen in Photosystem II-Kristallen. PhD Thesis, 2013, Technischen Universität Berlin, Germany.
9	2	Brose K., Zouni A., Müh F., Mroginski M.A., Maultzsch J., Simulations of the polarisation-dependent Raman intensity of ββ-carotene in photosystem II crystals. Chemical Physics, 418, 2013, 65-73, DOI: http://dx.doi.org/10.1016/j.chemphys.2013.03.016.
10	3	Cvetković D., Fiedor L., Wisniewska-Becker, A., Marković, D., Organization of carotenoids in models of biological membranes: Current status of knowledge and research. Current Analytical Chemistry 9 (1), 2013, 86-98
11	4	Maciej R., Kaczor A., Dobrowolski J. Cz., Baranska M., Structural Changes of β-Carotene and Some Retinoid Pharmaceuticals Induced by Environmental Factors. J. Mol. Structure, 1037, 2013, 99-108. http://dx.doi.org/10.1016/j.molstruc.2012.12.038.
12	5	Mendes Pinto M. M., Insights into Molecular Mechanisms of Carotenoid Properties, PhD thesis, 2013Vrije University, Holland.
13	6	Mendes-Pinto Maria M., Galzerano D., Telfer A.,. Pascal A. A, Robert B. and Ilioaia C., Mechanisms Underlying Carotenoid Absorption in Oxygenic Photosynthetic Proteins. J. Biol. Chem., 288, 2013, 18758-18765. http://www.jbc.org/cgi/doi/10.1074/jbc.M112.423681.

14	7	Qu G.-N., Li, S., Sun, M.-J., Xu, S.-N., Liu, Y., Sun, C.-L., Men, Z.-W., Li, Z.-W., Temperature effects on structural order of all-trans-β-carotene. Wuli Xuebao/Acta Physica Sinica. Volume 62(7), 2013, Article number077801. DOI: 10.7498/aps.62.077801
15	8	Wu N.-N., Ouyang, S.-L., Li, Z.-W., Study on the effect of pressure on the molecular structure and π-electron delocalization of β-carotene by Raman spectroscopy. Spectroscopy and Spectral Analysis, 33 (9), 2013, 2429-2432.
7.	**Andreeva T.D., Petrov J.G., Brezesinski G., Möhwald H., Structure of the Langmuir Monolayers with Fluorinated Ethyl Amide and Ethyl Ester Polar Heads Creating Dipole Potentials of Opposite Sign, Langmuir, 24, 2008, 8001-8007**	
16	1	Broniatowski M., Flasiński M., Wydro P., Broniatowska E., Self-organization of non-amphiphilic molecules. Studies of thin films of long-chain homologous dialkylthioethers at the water/air interface, Journal of Colloid and Interface Science, 395(1), 2013, 176-184.
8.	**Andreeva A., Stoitchkova K., Busheva M., Apostolova E., Changes in the energy distribution between chlorophyll-protein complexes of thylakoid membranes from pea mutants with modified pigment content. I. Changes due to the modified pigment content, Journal of Photochemistry and Photobiology B: Biology, 70(3), 2003, 153-162**	
17	1	Holleboom C.-P., Yoo S., Liao P.-N., Compton I., Haase W., Kirchhoff H., Walla P.J., Carotenoid-chlorophyll coupling and fluorescence quenching correlate with protein packing density in grana-thylakoids, Journal of Physical Chemistry B, 117(38), 2013, 11022-11030
18	2	Mazur, R., Ł. Kludovska, B.Kierdaszuk, A. Mostowska, M. Garstka (2013) Chloroplast structure under high light conditions, Advanced Topics in Science and Technology in China, Photosynthesis: Research for Food, Fuel and Future, – 15 International Conference on Photosynthesis, 544-547
9.	**Andreeva A., Velitchkova M., Resonance Raman Spectroscopy of Carotenoids in Photosystem I Particles. Biophys. Chem. 114, 2005 129-135. ISSN 0301-4622**	
19	1	Cvetkovic D., Fiedor L., Wisniewska-Becker A., Markovic D. (2013) Organization of Carotenoids in Models of Biological Membranes: Current Status of Knowledge and Research. Current Analytical Chemistry, Volume 9 (1), 2013, 86-98
20	2	Xiaochun Qin, Jiajia Zhu, Wenda Wang, Xiang Ding, Kebin Wang Yan Fang and Tingyun Kuang. A stable 'sandwich' system of Surface-Enhanced Resonance Raman Scattering for the analysis of b-carotenes in a photosynthetic pigment-protein complex. J. Raman Spectroscopy, 44 (8), 2013, 1111 – 1119. DOI 10.1002/jrs.4333.
10.	**Angelov B., A. Angelova, V. M. Garamus, M. Drechsler, R. Willumeit, R. Mutafchieva, P. Štěpánek, S. Lesieur. Earliest Stage of the Tetrahedral Nanochannel Formation in Cubosome Particles from Unilamellar Nanovesicles. Langmuir, 28(48), 2012, 16647–16655, ISSN 0743-7463.**	
21	1	Billerit C. Methods Development for Biomembrane Model Systems, Thesis for the Degree of Doctor of Phylosophy, Dept. of Chemical and Biological Engineering, Chalmers University of Technology, Gothenburg, Sweden, 2013, ISSN 0346-718X, ISBN 978-91-7385-844-1
22	2	Driever C.D., X. Mulet, L.J. Waddington, A. Postma, H. Thissen, F. Caruso, C.J. Drummond. Layer-by-layer polymer coating on discrete particles of cubic lyotropic liquid crystalline dispersions (cubosomes). Langmuir, 29(42), 2013, 12891-12900, ISSN 0743-7463
23	3	Le T.C., C.E. Conn, F.R. Burden, D.A. Winkler. Computational modelling and prediction of the complex time-dependent phase behavior of lyotropic liquid crystals under in meso crystallization conditions. Crystal Growth & Design, 13(3), 2013, 1267-1276, ISSN 1528-7483
11.	**Angelov B., A. Angelova, R. Mutafchieva, S. Lesieur, U. Vainio, V.M. Garamus, G.V. Jensen, J.S. Pedersen. SAXS investigation of a cubic to a sponge (L3) phase transition in self-assembled lipid nanocarriers. Physical Chemistry Chemical Physics, 13(8), 2011, 3073-3081, ISSN 1463-9076.**	
24	1	Bogomolova A., M. Hruby, J. Panek, M. Rabyk, S. Turner, S. Bals, M. Steinhart, A. Zhigunov, O. Sedlacek, P. Stepanek, S.K. Filippov. Small-angle X-ray scattering and light scattering study of hybrid nanoparticles composed of thermoresponsive triblock copolymer F127 and thermoresponsive statistical polyoxazolines with hydrophobic moieties. Journal of Applied Crystallography, 46(6), 2013, 1690-1698, ISSN 0021-8898

25	2	Evenbratt H., L. Nordstierna, M.B. Ericson, S. Engström. Cubic and sponge phases in ether lipid–solvent–water ternary systems: phase behavior and NMR Characterization. Langmuir, 29(42), 2013, 13058–13065, ISSN 0743-7463
26	3	Fraser S.J., X. Mulet, A. Hawley, F. Separovic, A. Polyzos. Controlling nanostructure and lattice parameter of the inverse bicontinuous cubic phases in functionalised phytantriol dispersions. Journal of Colloid and Interface Science, 408(1), 2013, 117-124, ISSN 0021-9797
27	4	Iglesias G.R., F. Pirolt, A. Sadeghpour, M. Tomšič, O. Glatter. Lipid transfer in oil-in-water isasome emulsions: Influence of arrested dynamics of the emulsion droplets entrapped in a hydrogel. Langmuir 29(50), 2013, 15496-15502, ISSN 0743-7463
28	5	Jin X., Z.-H. Zhang, E. Sun, X.-B. Tan, S.-L. Li, X.-D. Cheng, M. You, X.-B. Jia. Enhanced oral absorption of 20(S)-protopanaxadiol by self-assembled liquid crystalline nanoparticles containing piperine: In vitro and in vivo studies. International Journal of Nanomedicine, 8, 2013, 641-652, ISSN 1178-2013
29	6	Mulet X., B.J. Boyd, C.J. Drummond. Advances in drug delivery and medical imaging using colloidal lyotropic liquid crystalline dispersions. Journal of Colloid and Interface Science, 393(1), 2013, 1-20, ISSN 0021-9797
30	7	Tabor R.F., M.I. Zaveer, R.R. Dagastine, I. Grillo, C.J. Garvey. Phase behavior, small-angle neutron scattering and rheology of ternary nonionic surfactant-oil-water systems: A comparison of oils. Langmuir, 29(11), 2013, 3575-3582, ISSN 0743-7463
31	8	Venugopal E., V.K. Aswal, G. Kumaraswamy. Nanoparticle size controls aggregation in lamellar nonionic surfactant mesophase. Langmuir, 29(31), 2013, 9643-9650, ISSN 0743-7463
12.	**Angelov B. and Mladenov I., On the Geometry of Red Blood Cell, Geometry, Integrability and Quantization 1 (2000) 27-47**	
32	1	Karatas M., A Multi Foci Closed Curve: Cassini Oval, Its Properties and Applications, Dogus U¨ niversitesi Dergisi 14 (2013) 231-248.
33	2	Lazaro G., Melzak K., Toca-Herrera J., Pagonabarragad I. and Hernandez- Machado A., Elastic energies and morphologies of the first stages of the discoechinocyte transition, Soft Matter 9 (2013) 6430-6441.
34	3	Navaneeth K., Towards Synthesis of Tensegrity Structures of Desired Shape and Micro-pipette Aspiration of Red Blood Cells, Master Thesis, Indian Institute of Science, Bangalore 2013.
35	4	Rogers C. and Schief W., On a Boussinesq Capillarity System: Hamiltonian Reductions and Associated Quartic Geometries, Studies in Appl. Math. (2013) 12pp., doi: 10.1111/sapm.12017
13.	**Angelova A., B. Angelov, R. Mutafchieva, V.M. Garamus, S. Lesieur, S.S. Funari, R. Willumeit, P. Couvreur. Swelling of a sponge lipid phase via incorporation of a nonionic amphiphile: SANS and SAXS studies. Progress in Colloid and Polymer Science, 138, 2011, 1-6, ISSN 0340-255X, ISBN-10: 364226834X, ISBN-13: 978-3642268342.**	
36	1	Madheswaran T., R. Baskaran, R.K. Thapa, J.Y. Rhyu, H.Y. Choi, J.O. Kim, C.S. Yong, B.K.Yoo. Design and in vitro evaluation of finasteride-loaded liquid crystalline nanoparticles for topical delivery. AAPS PharmSciTech, 14(1), 2013, 45-52, ISSN 1530-9932
14.	**Angelova A., B. Angelov, S. Lesieur, R. Mutafchieva, M. Ollivon, C. Bourgaux, R. Willumeit, P. Couvreur. Dynamic control of nanofluidic channels in protein drug delivery vehicles. Journal of Drug Delivery Science and Technology, 18(1), 2008, 41-45, ISSN: 17732247**	
37	1	Depardieu M., M. Nollet, M. Destribats, V. Schmitt, R. Backov. Thermo-stimulable wax@water@SiO2 multicore-shell capsules. Particle and Particle Systems Characterization, 30(2), 2013, 185-192, ISSN 1521-4117
38	2	Mulet X., B.J. Boyd, C.J. Drummond. Advances in drug delivery and medical imaging using colloidal lyotropic liquid crystalline dispersions. Journal of Colloid and Interface Science 393(1), 2013, 1-20, ISSN 0021-9797
39	3	Nollet M., M Depardieu, M. Destribats, R. Backov, V. Schmitt. Thermo-responsive multi-cargo core shell particles. Particle and Particle Systems Characterization, 30(1), 2013, 61-66, ISSN 1521-4117
40	4	Shen H.-H., V. Lake, A.P. Le Brun, M. James, A.P. Duff, Y. Peng, K.M. McLean, P.G. Hartley. Targeted detection of phosphatidylserine in biomimetic membranes and invitro cell systems using annexin V-containing cubosomes. Biomaterials, 34(33), 2013, 8361-8369, ISSN 0142-9612

41	5	Vallooran J.J., R. Negrini, R. Mezzenga. Controlling anisotropic drug diffusion in lipid-Fe3O4 nanoparticle hybrid mesophases by magnetic alignment. Langmuir, 29(4), 2013, 999-1004, ISSN 0743-7463
15.	**Angelova A., B. Angelov, R. Mutafchieva, S. Lesieur, P. Couvreur. Self-Assembled multicompartment liquid crystalline lipid carriers for protein, peptide, and nucleic acid drug delivery. Accounts of Chemical Research, 44(2), 2011, 147-156, ISSN 0001-4842.**	
42	1	Bode J.C., J. Kuntsche, S.S. Funari, H. Bunjes. Interaction of dispersed cubic phases with blood components. International Journal of Pharmaceutics, 448(1), 2013, 87-95, ISSN 0378-5173
43	2	Conn C.E., C.J. Drummond. Nanostructured bicontinuous cubic lipid self-assembly materials as matrices for protein encapsulation. Soft Matter, 9(13), 2013, 3449-3464, ISSN 1744-683X
44	3	Driever C.V., X. Mulet, L.J. Waddington, A. Postma, H. Thissen, F. Caruso, J. Calum, C.J. Drummond. Layer-by-layer polymer coating on discrete particles of cubic lyotropic liquid crystalline dispersions (cubosomes). Langmuir, 29(42), 2013, 12891–12900, ISSN 0743-7463
45	4	Iglesias G.R., F. Pirolt, A. Sadeghpour, M. Tomšič, O. Glatter. Lipid transfer in oil-in-water isasome emulsions: Influence of arrested dynamics of the emulsion droplets entrapped in a hydrogel. Langmuir 29(50), 2013, 15496-15502, ISSN 0743-7463
46	5	Jin X., Z.-H. Zhang, E. Sun, X.-B. Tan, S.-L. Li, X.-D. Cheng, M.You, X.-B.Jia. Enhanced oral absorption of 20(S)-protopanaxadiol by self-assembled liquid crystalline nanoparticles containing piperine: In vitro and in vivo studies. International Journal of Nanomedicine, 8, 2013, 641-652, ISSN 1178-2013
47	6	Kardara M., S. Hatziantoniou, A. Sfika, A.G. Vassiliou, E. Mourelatou, C. Magkou, A. Armaganidis, C. Roussos, S.E. Orfanos, A. Kotanidou, N.A. Maniatis. Caveolar uptake and endothelial-protective effects of nanostructured lipid carriers in acid aspiration murine acute lung injury. Pharmaceutical Research, 30(7), 2013, 1836-1847, ISSN 0724-8741,
48	7	Klang V., C. Valenta, N.B. Matsko. Electron microscopy of pharmaceutical systems. Micron, 44(1), 2013, 45-74, ISSN 0968-4328
49	8	Komisarski M., Y.M. Osornio, J.S. Siegel, E.M. Landau. Tailored host-guest lipidic cubic phases: A protocell model exhibiting nucleic acid recognition. Chemistry - A European Journal, 19(4), 2013, 1262-1267, ISSN 0947- 653
50	9	Lapteva M., Y.N. Kalia. Microstructured bicontinuous phase formulations: their characterization and application in dermal and transdermal drug delivery. Expert opinion on drug delivery, 10(8), 2013, 1043-1059, ISSN 1742-5247
51	10	Luu X.-C., J. Yu, A. Striolo. Nanoparticles adsorbed at the water/oil interface: Coverage and composition effects on structure and diffusion. Langmuir, 29(24), 2013, 7221-7228, ISSN 0743-7463
52	11	Malik R., I. Roy. Stabilization of bovine insulin against agitation-induced aggregation using RNA aptamers. International Journal of Pharmaceutics, 452(1-2), 2013, 257-265, ISSN 03785173
53	12	Pippa N., M. Merkouraki, S. Pispas, C. Demetzos. DPPC:MPOx chimeric advanced Drug Delivery nano Systems (chi-aDDnSs): Physicochemical and structural characterization, stability and drug release studies. International Journal of Pharmaceutics, 450(1-2), 2013, 1-10, ISSN 211-7385
54	13	Plazzer M. Molecular Modelling of Monolayers for Evaporation Suppressing Materials. Thesis for the Degree of Doctor of Philosophy, 2013, School of Applied Science, College of Science, Engineering and Health, RMIT University, Melbourne, Australia
55	14	Sagalowicz L., S. Guillo, S. Acquistapace, B. Schmitt, M. Maurer, A. Yaghmur, L. De Campo, M. Rouvet, M. Leser, O. Glatter. Influence of vitamin E acetate and other lipids on the phase behavior of mesophases based on unsaturated monoglycerides. Langmuir, 29(26), 2013, 8222-8232, ISSN 0743-7463
56	15	Skorb E.V., H. Möhwald. Dynamic interfaces for responsive encapsulation systems. Advanced Materials, 25(36), 2013, 5029-5043,. ISSN 0935-9648
57	16	Sun S., M. Liu, F. Dong, S. Fan, Y. Yao. A histone-like protein induces plasmid DNA to form liquid crystals in vitro and gene compaction in vivo. International Journal of Molecular Sciences, 14, 2013, 23842-23857, ISSN 1422-0067
58	17	Wan X., T. Liu, J. Hu, S. Liu. Photo-degradable, protein-polyelectrolyte complex-coated, mesoporous silica nanoparticles for controlled co-release of protein and model drugs. Macromolecular Rapid Communications, 34(4), 2013, 341-347, ISSN 1022-1336
59	18	Wang H., Y.-J. Zhu, X.-N. Ren, H. Zhang, Y.-B. Tan. Synthesis and characterization of pH-Responsive block copolymers with primary amine groups. Chemical Research in Chinese Universities, 29(2), 2013, 389-395, ISSN 1005-9040

60	19	Yaghmur A., M. Rappolt. The micellar cubic Fd3m phase: Recent advances in the structural characterization and potential applications. Advances in Planar Lipid Bilayers and Liposomes, 18, 2013, 111-145, ISSN 1554-4516
61	20	Yaghmur A., M. Rappolt, S.W. Larsen. In situ forming drug delivery systems based on lyotropic liquid crystalline phases: Structural characterization and release properties. Journal of Drug Delivery Science and Technology, 23(4), 2013, 325-332, ISSN 1879-0631
62	21	Yu S., C. He, J. Ding, Y. Cheng, W. Song, X. Zhuang, X. Chen. PH and reduction dual responsive polyurethane triblock copolymers for efficient intracellular drug delivery. Soft Matter 9(9), 2013, 2637-2645, ISSN 1744-683X
63	22	Zabara A., R. Mezzenga. Modulating the crystal size and morphology of in meso-crystallized lysozyme by precisely controlling the water channel size of the hosting mesophase. Soft Matter, 9(4), 2013, 1010-1014, ISSN 1744-683X
64	23	Zabara A. R. Negrini, O. Onaca-Fischer, R. Mezzenga. Perforated Bicontinuous Cubic Phases with pH-Responsive Topological Channel Interconnectivity. Small, 9(21), 2013, 3602-3609, ISSN 1613-6810
65	24	Zhang H., R. Hao, X. Ren, L. Yu, H. Yang, H. Yu. PEG/lecithin-liquid-crystalline composite hydrogels for quasi-zero-order combined release of hydrophilic and lipophilic drugs. RSC Advances, 3(45), 2013, 22927-22930, ISSN 2046-206
66	25	Zhang H., L. Li, M. Möller, X. Zhu, J.J.H. Rueda, M. Rosenthal, D.A. Ivanov. From channel-forming ionic liquid crystals exhibiting humidity-induced phase transitions to nanostructured ion-conducting polymer membranes. Advanced Materials, 25(26), 2013, 3543–3548, ISSN 0935-9648
16.	**Angelova M., K. Atanassov, T. Pencheva, Intuitionistic Fuzzy Estimations of Purposeful Model Parameters Genesis, 2012 IEEE 6th International Conference "Intelligent Systems", Sofia, Bulgaria, September 6-8, 2012, 206-211.**	
67	1	Khan L., S. Qamar, Online Adaptive Neuro-Fuzzy Based Full Car Suspension Control Strategy, Chapter 21 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 617-666.
68	2	Roeva O., T. Slavov, S. Fidanova, Population-Based vs. Single Point Search Meta-Heuristics for a PID Controller Tuning, Chapter 7 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 200-233.
69	3	Singh B. K., Evaluation of Genetic Algorithm as Learning System in Rigid Space Interpretation, Chapter 16 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 475-510.
70	4	Vasant P., Hybrid Optimization Techniques for Industrial Production Planning: A Review, Chapter 2 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 41-68.
17.	**Angelova M., K. Atanassov, T. Pencheva, Intuitionistic Fuzzy Estimations of Purposeful Model Parameters Genesis, 2012 IEEE 6th International Conference "Intelligent Systems", Sofia, Bulgaria, September 6-8, 2012, 206-211.**	
71	1	Khan L., S. Qamar, Online Adaptive Neuro-Fuzzy Based Full Car Suspension Control Strategy, Chapter 21 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 617-666.
72	2	Roeva O., T. Slavov, S. Fidanova, Population-Based vs. Single Point Search Meta-Heuristics for a PID Controller Tuning, Chapter 7 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 200-233.
73	3	Singh B. K., Evaluation of Genetic Algorithm as Learning System in Rigid Space Interpretation, Chapter 16 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 475-510.
74	4	Vasant P., Hybrid Optimization Techniques for Industrial Production Planning: A Review, Chapter 2 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 41-68.

18.	**Angelova, M., K. Atanassov, T. Pencheva. Purposeful model parameters genesis in simple genetic algorithms. Computers & Mathematics with Applications, Volume 64, Issue 3, August 2012, Pages 221–228.**	
75	1	Gordini N., Genetic Algorithms for Small Enterprises Default Prediction: Empirical Evidence from Italy, Chapter 9 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 258-293.
76	2	Kalanaki, M., J. Soltani. Simulation and Performance Assessment between hybrid algorithms SVR-CACO and SVR-CGA to more accurate predicting of the pipe failure rates. Journal of Novel Applied Sciences, 2 (S3): 1054-1063, 2013.
77	3	Keke Liu, Zhenxiang Chen ; Abraham, A. ; Wenjie Cao ; Shan Jing. Degree-constrained minimum spanning tree problem using genetic algorithm. 2012 Fourth World Congress on Nature and Biologically Inspired Computing (NaBIC), 5-9 Nov. 2012, pp. 8 - 14, doi: 10.1109/ NaBIC.2012.6402214
78	4	Liu W., K. Bi, Dynamic Optimization of Knowledge Innovation Capability based on PSO, Journal of Applied Sciences, 2013, 13(12), 2331-2335.
79	5	Roeva O., T. Slavov, S. Fidanova, Population-Based vs. Single Point Search Meta-Heuristics for a PID Controller Tuning, Chapter 7 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 200-233.
80	6	Singh B. K., Evaluation of Genetic Algorithm as Learning System in Rigid Space Interpretation, Chapter 16 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 475-510.
81	7	Vasant P., Hybrid Optimization Techniques for Industrial Production Planning: A Review, Chapter 2 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 41-68.
82	8	Weiwei Liu; Kexin Bi. Dynamic Optimization of Knowledge innovation capability based on PSO. Journal of Applied Sciences . 2013, Vol. 13 Issue 12, p2331-2335. 5p.
19.	**Angelova M.I., Hristova N., Tsoneva I., DNA-induced endocytosis upon local microinjection to giant unilamellar cationic vesicles, European Biophysics Journal, 28 (2), 1999, pp. 142-150. ISSN 0175-7571.**	
83	1	Bitbol, A.-F., Fournier, J.-B., Membrane properties revealed by spatiotemporal response to a local inhomogeneity, Biochimica et Biophysica Acta - Biomembranes 1828 (4), 2013 , pp. 1241-1249
84	2	Solmaz, M.E., Sankhagowit, S., Biswas, R., Mejia, C.A., Povinelli, M.L., Malmstadt, N., Optical stretching as a tool to investigate the mechanical properties of lipid bilayers ,RSC Advances 3 (37), 2013, pp. 16632-16638
85	3	Woo, Y., Heo, Y., Shin, K., Yi, G.-R. Hydrodynamic filtration in microfluidic channels as size-selection process for giant unilamellar vesicles , Journal of Biomedical Nanotechnology 9 (4) 2013, pp. 610-614
20.	**Angelova M., P. Melo-Pinto, T. Pencheva, Modified Simple Genetic Algorithms Improving Convergence Time for the Purposes of Fermentation Process Parameter Identification, WSEAS Transactions on Systems, 2012, 11(7), 256-267, E-ISSN: 2224-2678.**	
86	1	Derghal A., N. Goléa, Multi-Objective Generation Scheduling Using Genetic-Based Fuzzy Mathematical Programming Technique, Chapter 15 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 450-474.
87	2	Dimitrova N. S., Optimizing the Productivity in a Chemostat Model of Plasmid-bearing Plasmid-free Competition: The Case of General Uptake Functions, WSEAS Transactions on Biology and Biomedicine, 2013, 10(1), 12-21.
88	3	Doukovska L., S. Vassileva, Knowledge-based Mill Fan System Technical Condition Prognosis, WSEAS Transactions on Systems, 2013, 12(8), 398-408.
89	4	Gordini N., Genetic Algorithms for Small Enterprises Default Prediction: Empirical Evidence from Italy, Chapter 9 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 258-293.

90	5	Köse U., A. Arslan, Chaotic Systems and Their Recent Implementations on Improving Intelligent Systems, Chapter 3 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 69-101.
91	6	Liu H. , A. Gegov, F. Stahl, J-measure based Hybrid Pruning for Complexity Reduction in Classification Rules, WSEAS Transactions on Systems, 2013, 12(9), 433-446.
92	7	Roeva O., T. Slavov, S. Fidanova, Population-Based vs. Single Point Search Meta-Heuristics for a PID Controller Tuning, Chapter 7 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 200-233.
93	8	Singh B. K., Evaluation of Genetic Algorithm as Learning System in Rigid Space Interpretation, Chapter 16 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 475-510.
94	9	Vasant P., Hybrid Optimization Techniques for Industrial Production Planning: A Review, Chapter 2 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 41-68.
95	10	Vassileva S., Knowledge-based Modeling of Multi-factor Processes in Biotechnology and Microbial Ecology, WSEAS Transactions on Biology and Biomedicine, 2013, 10(2), 88-100.
21.	**Angelova M., T. Pencheva, Algorithms Improving Convergence Time in Parameter Identification of Fed-batch Cultivation, Comptes rendus de l'Académie bulgare des Sciences, 2012, 65(3), 299-306, ISSN 1310-1331, IF (2010) 0.219.**	
96	1	Roeva O., T. Slavov, S. Fidanova, Population-Based vs. Single Point Search Meta-Heuristics for a PID Controller Tuning, Chapter 7 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 200-233
22.	**Angelova M., T. Pencheva, Improvement of Multi-population Genetic Algorithm Convergence Time, Monte Carlo Methods and Applications, 2013, 1-9.**	
97	1	Roeva O., T. Slavov, S. Fidanova, Population-Based vs. Single Point Search Meta-Heuristics for a PID Controller Tuning, Chapter 7 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 200-233
23.	**Angelova M., T. Pencheva, Tuning Genetic Algorithm Parameters to Improve Convergence Time, International Journal of Chemical Engineering, 2011, Article ID 646917, doi:10.1155/2011/646917, available at http://www.hindawi.com/journals/ijce/2011/646917/cta/**	
98	1	Mehrafsa A., A. Sokhandan, G. Karimian, A High Performance Genetic Algorithm Using Bacterial Conjugation Operator (HPGA), Genetic Programming and Evolvable Machines, 2013, 14(4), 395-427.
99	2	Roeva O., T. Slavov, S. Fidanova, Population-Based vs. Single Point Search Meta-Heuristics for a PID Controller Tuning, Chapter 7 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 200-233.
100	3	Wilson T. T. A., Theoretical Modeling and Experimental Analysis of the Flight Mechanics of Lepidoptera, MSc Thesis, 2013.
101	4	Yang B., Towards Optimal Application Mapping for Energy-efficient Many-core Platforms, PhD Thesis, Turku, Finland, 2013
24.	**Angelova M., St. Tzonkov, T. Pencheva, Genetic Algorithms based Parameter Identification of Yeast Fed-batch Cultivation, Lecture Notes on Computer Science, 2011, 6046, 224-231.**	
102	1	Roeva O., T. Slavov, S. Fidanova, Population-Based vs. Single Point Search Meta-Heuristics for a PID Controller Tuning, Chapter 7 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 200-233

25.	**E. L. Apostolova (1988) Effect of detergents on the microviscosity of chloroplast membranes - A spin label study, Comp. rend. Acad. bulg. Sci., 41, 117-120.**	
103	1	Šeršeň, F., K. Kráľová (2013) EPR Spectroscopy – A valuable tool to study photosynthesizing organisms exposed to abiotic stress, INTECH (open science/open minds) Chapter 10, 247-283. http://dx.doi.org/10.5772/55177
104	2	Tengler Jan, Kapustikova Iva, Pesko, Matus, Govender Rodney, Keltosova, Stanislava, Mokry, Petr, Kollar Peter, O'Mahony Jim, Coffey, Aidan, Kral'ova, Katarina, Jampilek, (2013) Josef, Synthesis and Biological Evaluation of 2-Hydroxy-3-[(2-aryloxyethyl)amino]propyl 4-[(Alkoxycarbonyl)amino]benzoates, SCIENTIFIC WORLD JOURNAL Article Number: 274570 DOI: 10.1155/2013/274570 Published: 2013
26.	**Apostolova E.L., Dobrikova A.G., Effect of high temperature and UV-A radiation on the photosystem II, In: Handbook of Plant and Grop Stress, 3rd edition, ed. M. Pessarakli, Taylor & Francis Group. 2010, 577- 591, ISBN 978-1-4398-1396-6.**	
105	1	Kreslavski V.D., Lyubimov V.Y., Shirshikova G.N., Shmarev A.N., Kosobryukhov A.A., Schmitt F.-J., Friedrich T., Allakhverdiev S.I.. Preillumination of lettuce seedlings with red light enhances the resistance of photosynthetic apparatus to UV-A, J. Photochem Photobiol B: Biology , 122, 2013, 1-6
27.	**Apostolova E.L., Dobrikova A.G., Ivanova P.I., Petkanchin I.B., Taneva S.G., Relationship between the organization of the PSII supercomplex and the functions of the photosynthetic apparatus, Journal of Photochemistry and Photobiology B: Biology, 83(2), 2006, 114-122.**	
106	1	Baikov A.A., Karavaev V.A., Popov S.Y., Kvitka A.Y., Levykina I.P., Solntsev M.K., Tikhonov A.N., Luminescence characteristics of strawberry leaves at early stages of injury by spider mite, Biophysics (Russian Federation), 58(2), 2013, 234-239.
107	2	Foroozanfar M. Genetic control of tolerance to salinity in Medicago truncatula, Doctorat de l'University of Toulouse, Institut National Polytechnique de Toulouse (INP Toulouse), 2013.
28.	**Apostolova E.L., Domonkos I., Dobrikova A.G., Sallai A., Bogos B., Wada H., Gombos Z., Taneva S.G., Effect of phosphatidylglycerol depletion on the surface electric properties and fluorescence emission of thylakoid membranes, J. Photochem. Photobiol. B: Biology, 91, 2008, 51-57, ISSN: 1011-1344.**	
108	1	Baikov A.A., Karavaev V.A., Popov S.Y., Kvitka A.Y., Levykina I.P., Solntsev M.K., Tikhonov A.N. Luminescence characteristics of strawberry leaves at early stages of injury by spider mite. Biophysics Vol. 58 (2) , 2013, 234-239.
109	2	Block M.A., Maréchal E., Dubots E. Glycerolipid biosynthesis and chloroplast biogenesis, In: Plastid Development in Leaves During Growth and Senescence, Advances in Photosynthesis and Respiration, 36, 2013, pp. 131-154. Springer Science + Business Media Dortreech
29.	**Apostolova E.L., Ivanov A.G., Influence of Triton X-100 on the structure and functions of pea thylakoid membranes, J. Plant Physiol., 145, 1995, 239-244. ISSN 0176-1617.**	
110	1	Kos J., Zadrazilova I., Pesko M., Tengler J., Gonec T., Bobal P., Kauerova T., Oravec M., Kollar P., Cizek A., Kralova K., Jampilek J. Antibacterial and Herbicidal Activity of Ring-Substituted 3-Hydroxynaphthalene-2-carboxanilides, Molecules, 18 (7), 2013, 7977-7997. ISSN 1420-3049
30.	**Apostolova E., Krumova S., Tuparev N., Molina M.T., Filipova Ts., Petkanchin I., Taneva S.G., Interaction of biological membranes with substituted 1,4-anthraquinones, Colloids and Surfaces B: Biointerfaces, 29(1), 2003, 1-12.**	
111	1	Airinei A., Homocianu M., Vlad A., Cazacu M., Investigations of preferential solvation on some poly(siloxane-azomethine)s containing dihydroxyanthraquinone units, Journal of Molecular Liquids, 186, 2013, 171-178
31.	**Arabadjiev B., Petkova R., Chakarov S., Momchilova A., Pankov R. Do we need more human embryonic stem cell lines? Biotechnology and Biotechnological Equipment, 3, 2010, 1921-1927**	
112	1	Abbasalizadeh S., Baharvand H., Technological progress and challenges towards cGMP manufacturing of human pluripotent stem cells based therapeutic products for allogeneic and autologous cell therapies. Biotechnology advances, 31, 2013, 1600-1623

113	2	Crocco M.C., Fratnz N., Bos-Mikich, A., Substrates and supplements for hESCs: A critical review Journal of Assisted Reproduction and Genetics, 30, 315-323
114	3	Bridge S., Induced Pluripotent Stem Cells: An Alternative to Embryonic Stem Cells? Asian Bioethics Review, 5, 2013, 25-39
115	4	Brown, M., No ethical bypass of moral status in stem cell research, Bioethics, 27, 2013, 12-19
116	5	Devaney S., Stem Cell Research and the Collaborative Regulation of Innovation. Routledge, 2013, Ed. Sarah Devaney, DOI: 9780203717790
32.	**Arabadzhiev T.I., G.V. Dimitrov., V.E Chakarov, A.G. Dimitrov, N.A Dimitrova. Changes in Intracellular Action Potential Profile Affect Parameters used in Turns/Amplitude Analysis. Muscle and Nerve,, 37 (6), 2008, 713 - 720**	
117	1	Meigal A.Y., S.M. Rissanen, M.P. Tarvainen, O. Airaksinen, M. Kankaanpaa, P.A. Karjalainen. Non-Linear EMG Parameters for Differential and Early Diagnostics of Parkinson's Disease. Front Neurol., 17, 2013, 4:135. Published online 2013 September 17, doi: 10.3389/fneur.2013.00135
33.	**Arabadzhiev T.I., G.V. Dimitrov, N.A Dimitrova. Simulation Analysis Of The Performance Of A Novel High Sensitive Spectral Index For Quantifying M-Wave Changes During Fatigue, J. Electromyogr. Kinesiol., 15, 2005, 149-158.**	
118	1	Ibitoye MO, Hamzaid NA, AbdulWahab AK: Prospects of Mechanomyography (MMG) in Muscle Function Assessment during FES Evoked Contraction: A Review. The 15th International Conference on Biomedical Engineering, 4th to 7th December **2013**, Singapore, IFMBE Proceedings 2014, 43: 524-526.
119	2	Rogers D.R., MacIsaac D.T.: A comparison of EMG-based muscle fatigue assessments during dynamic contractions, J. Electromyogr. Kinesiol. 2013, 23(5): 1004-1011.
34.	**Arabadzhiev T.I., V.G. Dimitrov, N.A. Dimitrova, G.V. Dimitrov. Interpretation of EMG Integral or RMS and Estimates of "Neuromuscular Efficiency" Can Be Misleading in Fatiguing Contraction. J Electromyogr Kinesiol, 20(2), 2010, 223-232.**	
120	1	Baptista M.T., F.A. Machado, G.R. Pereira, J. Nadal, L.F. Oliveira. Teste De Força De Preensão Manual: Estudo Da Fadiga Mioelétrica Do Flexor Radial Do Carpo E Flexor Superficial Dos Dedos. Rev Bras Educ Fís Esporte, (São Paulo) 2013, DOI: http://dx.doi.org/10.1590/S1807-55092013005000017.
121	2	Borji R., S. Sonia Sahli, N. Zarrouk, F. Zghal, H. Rebai. Neuromuscular Fatigue During High-Intensity Intermittent Exercise in Individuals with Intellectual Disability. Research in Developmental Disabilities, 34, 2013, 4477-4484.
122	3	Cè E., S. Rampichini, L. Agnello, E. Limonta, A. Veicsteinas, F. Esposito. Effects of Temperature and Fatigue on the Electromechanical Delay Components. Muscle & Nerve, 47 (4), 2013, 566-576.
123	4	Cheng A.J., C.L. Rice. Factors Contributing to The Fatigue-Related Reduction in Active Dorsiflexion Joint Range of Motion. Applied Physiology, Nutrition and Metabolism, 38 (5), 2013, 490-497.
124	5	Figueiredo P., D. Pendergast, J.P. Vilas-Boas, R. Fernandes. Interplay of Biomechanical, Energetic, Coordinative, and Muscular factors in a 200 m front crawl swim. BioMed Research International, Article ID 897232, 12 pages, DOI: http://dx.doi.org/10.1155/2013/897232, 2013 (in press)
125	6	Kim J., S. Kim, S. Park, S. Ahn, Y. Lee, Y. Kim. Bandwidth Optimization of the Fatigue Index to Estimate Muscle Fatigue During Dynamic Contractions. International Journal of Precision Engineering and Manufacturing, 14(7), 2013, 1185-1191.
126	7	Overton A.J. Neuromuscular Fatigue and Biomechanical Alterations during High-Intensity, Constant-Load Cycling. PhD Thesis, School of Exercise and Health Sciences, Faculty of Computing, Health and Science; Edith Cowan University, Perth, Western Australia, 2013.
127	8	Peñailillo L., R. Silvestre, K. Nosaka. Changes in Surface EMG Assessed by Discrete Wavelet Transform During Maximal Isometric Voluntary Contractions Following Supramaximal Cycling. Eur J Appl Physiol., 113(4), 2013, 895-904.
128	9	Raphael Z.F., A. Wesley, K.A. Daniel, S. Olivier. Occurrence of Fatigue Induced by a Whole-Body Vibration Session is not Frequency Dependent. Journal of Strength & Conditioning Research, 27(9), 2013, 2552-2561.
129	10	Smith-Ryan A.E., E.D. Ryan, D.H. Fukuda, P.B. Costa, J.T. Cramer, J.R. Stout. The Effect of Creatine Loading on Neuromuscular Fatigue in Women. Med Sci Sports Exerc., 2013, DOI:10.1249/MSS.0000000000000194.
130	11	Trajano G.S., L. Seitz, K. Nosaka, A.J. Blazevich. Contribution of Central vs. Peripheral Factors to the Force Loss Induced by Passive Stretch of the Human Plantar Flexors. Journal of Applied Physiology, 115 (2), 2013, 212-218.

35.	**Arabadzhiev T.I., M. Solomonow, B.H. Zhou, N.A Dimitrova, G.V. Dimitrov. Power Spectra Frequencies Associated with Static Reflexive Activation of the Multifidus Muscle in Feline Models. Eur J Appl Physiol, 2008, 104, 873 – 883.**	
131	1	Beneck G.J., L.L. Baker, K. Kulig. Spectral Analysis of EMG Using Intramuscular Electrodes Reveals Non-Linear Fatigability Characteristics in Persons with Chronic Low Back Pain. J Electromyogr Kinesiol, 2013, 23 (1), 70-77.
36.	**Arregi I., Falces J., Banuelos S., Urbaneja M.A., Taneva S.G., The nuclear transport machinery recognizes nucleoplasmin - Histone complexes, Biochemistry, 50(33), 2011, 7104-7110**	
132	1	Bange G., Murat G., Sinning I., Hurt E., Kressler D., New twist to nuclear import: When two travel together, Communicative and Integrative Biology, 6(4), 2013, art. no e24792
37.	**Atanassov, 25 years of intuitionistic fuzzy sets, or: the most important results and mistakes of mine, In: Advances in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. I: Foundations, pp. 1–35. Academic Publishing House EXIT, Warszawa (2008)**	
133	1	Cuvalcioglu, G. On The Diagram Of One Type Modal Operators On Intuitionistic Fuzzy Sets: Last Expanding With Z_{\alpha,\beta}^{\omega,\theta}. Iranian Journal of Fuzzy Systems Vol. 10, No. 1, (2013) pp. 89-106.
38.	**Atanassov, K. A remark on an arithmetic function. Part 3. Notes on Number Theory and Discrete Mathematics. Vol. 15, 2009, No. 4, 23-27.**	
134	1	Das, B. A Remark on Arithmetic Function χ^*. International Journal of Mathematical Archive-4(6), 2013, 148-150.
39.	**Atanassov, K., Algebraic aspect of the generalized net theory. Part 5, Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol. 5, 2007, 1–9.**	
135	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
40.	**Atanassov, K. An equality between intuitionistic fuzzy sets. Fuzzy Sets And Systems Vol. 79 1996, issue 2, 257-258**	
136		Wang, W., Liu, X. Some operations over atanassov's intuitionistic fuzzy sets based on einstein T-norm and T-conorm (2013) International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 21 (2), pp. 263-276.
41.	**Atanassov, K. Answer to D. Dubois, S. Gottwald, P. Hajek, J. Kacprzyk and H. Prade's paper "Terminological difficulties in fuzzy set theory - the case of "intuitionistic fuzzy sets"" Fuzzy Sets and Systems, Vol. 156, 2005, No. 3, 496-499.**	
137	1	Chachi, J., & Taheri, S. M. (2013). A Unified Approach to Similarity Measures Between Intuitionistic Fuzzy Sets. International Journal of Intelligent Systems, Volume 28, Issue 7, pages 669–685, July 2013
138	2	Jin, J., Li, Q., Li, C. On intuitionistic fuzzy context-free languages (2013) Journal of Applied Mathematics, 2013, art. no. 825249. http://dx.doi.org/10.1155/2013/825249
139	3	Rahman, S., & Saikia, H. K. (2013). Atanassov's intuitionistic fuzzy submodules with respect to a t-norm. Soft Computing, July 2013, Volume 17, Issue 7, pp 1253-1262.
140	4	Wang, P., Meng, P., Zhai, J. Y., & Zhu, Z. Q. (2013). A hybrid method using experiment design and grey relational analysis for multiple criteria decision making problems. Knowledge-Based Systems, Volume 53, November 2013, Pages 100–107
141	5	Xu, W., Liu, Y., & Li, T. (2013). Intuitionistic Fuzzy Ordered Information System. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, Volume 21, Issue 03, June 2013, 367-390.
142	6	Yue, Z. (2013). Aggregating crisp values into intuitionistic fuzzy number for group decision making. Applied Mathematical Modelling. (in press, Available online 5 December 2013). http://www.sciencedirect.com/science/article/pii/S0307904X13007567
143	7	Zou, L., Liu, X., Pei, Z., Huang, D. Implication operators on the set of ?-irreducible element in the linguistic truth-valued intuitionistic fuzzy lattice (2013) International Journal of Machine Learning and Cybernetics, 4 (4), pp. 365-372
144	8	Zou, L., Shi, P., Pei, Z., & Xu, Y. (2013). On an algebra of linguistic truth-valued intuitionistic lattice-valued logic. Journal of Intelligent and Fuzzy Systems, Volume 24, Number 3 / 2013, 447-456.

42.	**Atanassov K. (Ed.), Applications of generalized nets, World Scientific, Singapore, 1993.**	
145	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
43.	**Atanassov, K. Cantor's norms for intuitionistic fuzzy sets. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Vol. 8, 2010, 36-39.**	
146	1	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
44.	**Atanassov K., Generalized index matrices, Comptes rendus de l'Academie Bulgare des Sciences, vol.40, 1987, No.11, 15-18.**	
147	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
45.	**Atanassov K., Generalized nets, World Scientific, Singapore, London, New Jersey, 1991.**	
148	1	Andonov, V. On some properties of the operations and relations over generalized nets. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 89-96.
149	2	Andonov, V. The transfer of tokens in generalized nets with tokens duration of life. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume II: Applications. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 1-9.
150	3	Erbakanov, L. S. Sotirov. Modeling the work of the motion tracking using MEMS accelerometer. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 193-200.
151	4	Georgieva, V. Generalized Net Model of the Process of Fresh Water Treatment. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 163-172
152	5	Kosev, K., V. Ivanov, A. Ananiev, P. Denev, O. Roeva. Generalized net model of interval mapping QTL analysis. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 136-142.
153	6	Koycheva, E. Entwurfsbegleitende Leistungsanalyse mit UML, MARTE und Generalisierten Netzen, Oldenbourg Velag, Munchen, 2013.
154	7	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
155	8	Mihailov, I. Generalized net model for describing some banking activities. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume II: Applications. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 111-118.
156	9	Mihailov, I. S. Sotirov, M. Krawczak. Generalized net model of the process obtaining credit risk assessment with neural network. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 107-117.
157	10	Orozova, D. Modeling of electronic learning environment with generalized nets. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume II: Applications. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 111-118.
158	11	Panayotov, H. A generalized net model of transaction workflow in GSM based station for e-commerce. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 152-162.
159	12	Pencheva, T., O. Roeva, V. Atanassova, M. Angelova. Generalized Net Model of the lac Operon. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 183-192.
160	13	Surchev, S., S. Sotirov. Modelling the process of color recognition using multilayer neural network. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 143-151.
161	14	Surchev, S. S. Sotirov. W. Korneta. Bio-inspired Artificial Intelligence: A Generalized Net Model of the Regularization Process in MLP. Int. J. Bioautomation, 2013, 17(3), 151-158
162	15	Todorova, L. P. Vassilev, V. Ignatova. A Generalized net model for assessment of the degree of disability in patients with multiple sclerosis based on the abnormalities of visual evoked potentials. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 173-182.

46.	**Atanassov K., Generalized Nets and Systems Theory, "Prof. M. Drinov" Academic Publishing House, Sofia, 1997.**	
163	1	Georgieva, V. Generalized Net Model of the Process of Fresh Water Treatment. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 163-172.
164	2	Kosev, K., V. Ivanov, A. Ananiev, P. Denev, O. Roeva. Generalized net model of interval mapping QTL analysis. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 136-142.
165	3	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013
166	4	Pencheva, T., O. Roeva, V. Atanassova, M. Angelova. Generalized Net Model of the lac Operon. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 183-192.
167	5	Tashev, T., & Monov, V. (2013, June). A computer modeling of the throughput of a crossbar switch by PI-patterns for uniform traffic with variable intensity. In Proceedings of the 14th International Conference on Computer Systems and Technologies (pp. 53-58)
47.	**Atanassov K., Generalized nets and their fuzzings, AMSE Review, Vol. 2 (1985), No. 3, 39-49.**	
168	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
48.	**Atanassov K., Generalized Nets in Artificial Intelligence. Vol. 1: Generalized nets and Expert Systems, "Prof. M. Drinov" Academic Publishing House, Sofia, 1998.**	
169	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
49.	**Atanassov K., Ideas for intuitionistic fuzzy sets equations, inequalities and optimization, Notes on Intuitionistic Fuzzy Sets, Vol. 1, No. 1, 1995, 17-24.**	
170	1	Garai, A. (2013). Weighted intuitionistic fuzzy Delphi method. Journal of Global Research in Computer Science, 4(7), 38-42.
50.	**Atanassov, K.T. Index Matrix Representation of the Intuitionistic Fuzzy Graphs, Preprint MRL-MFAIS-10-94, Sofia, pp. 36-41, 1994.**	
171	1	Thilagavathi, S. A study on intuitionistic fuzzy hypergraphs. PhD thesis, Vellalar College for Womean (Autonomous), Tamilnadu, India, June 2013.
51.	**Atanassov K., Intuitionistic fuzzy relations. Third Int. Symp. "Automation and Sci. Instrumentation", Varna, Oct. 1984, Proc. part II, 56-57.**	
172	1	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
52.	**Atanassov, K.T.: Intuitionistic fuzzy sets. In: Sgurev, V. (ed.) VII ITKR's Session, volume deposed in Central Sci.-Technical Library of Bulg. Acad. of Sci., 1697/84, Sofia (June 1983)**	
173	1	Arockiarani, I., I. R. Sumathi, J. Martina Jency, Fuzzy Neutrosophic Soft Topological Spaces. International Journal of Mathematical Archive-4(10), 2013, 225-238.
174	2	Akram, M., Shahzad, S., Butt, A., & Khaliq, A. (2013). Intuitionistic Fuzzy Logic Control for Heater Fans. Mathematics in Computer Science, September 2013, Volume 7, Issue 3, pp 367-378.
175	3	Baczyński, M. The Equation I(S(x,y),z)=T(I(x,z),I(y,z)) for t-representable t-conorms and t-norms Generated from Continuous, Archimedean Operations. Fuzzy Logic and Applications. Lecture Notes in Computer Science Volume 8256, 2013, pp 131-138
176	4	Broumi, S., F. Smarandache. Several Similarity Measures of Neutrosophic Sets. J. Neutrosophic Sets and Systems, Vol. 1, 2013, 54-62.
177	5	Bujnowski, M. P. Zastosowanie intuicjonistycznych zbiorów rozmytych do konstrukcji drzew decyzyjnych w zadaniach klasyfikacji. PhD thesis. Instytut Badań Systemowych Polskiej Akademii Nauk, Warszawa 2013.
178	6	Cuvalcioglu, G. On The Diagram Of One Type Modal Operators On Intuitionistic Fuzzy Sets: Last Expanding With Z_{\alpha,\beta}^{\omega,\theta}. Iranian Journal of Fuzzy Systems Vol. 10, No. 1, (2013) pp. 89-106.
179	7	Deschrijver, G. Implication Functions in Interval-Valued Fuzzy Set Theory. In: Advances in Fuzzy Implication Functions, Series "Studies in Fuzziness and Soft Computing", Vol. 300, Springer, 2013, 73-99.

180	8	Deshpande, B., R. Pathak. Fixed point theorems on intuitionistic fuzzy quasi-metric spaces with application to the domain of words. Italian Journal of Pure and Applied Mathematics, N° 31 – December 2013, pp. 343-354
181	9	Hila, K., S. Onar, B. Ali Ersoy, B. Davvaz. On generalized intuitionistic fuzzy subhyperalgebras of Boolean hyperalgebras. Journal of Inequalities and Applications 2013, 2013:501 doi:10.1186/1029-242X-2013-501
182	10	Ibrahim, A. M., Ejegwa, P. A., & show by example that Definition, W. (2013). Remark on Some Operations of Intuitionistic Fuzzy Sets. International Journal of Science and Technology Volume 2 No. 1, January, 2013, pp. 94-96.
183	11	Jassim, T. H. Completely Normal and Weak Completely Normal in Intuitionistic Topological Spaces. International Journal of Scientific & Engineering Research, Volume 4, Issue 10, October-2013 438-442.
184	12	Kharal, A. An application of neutrosophic sets in medical diagnosis. In: Critical Review: A Publication of the Society for Mathematics of Uncertainty, Vol. 7. (Paul Wang, John Mordeson, Mark Wierman), 2013, 3-13
185	13	Mahapatra, G. S., T. K. Roy. Intuitionistic Fuzzy Number and Its Arithmetic Operation with Application on System Failure. Journal of Uncertain Systems, 7(2), 2013, 92-107.
186	14	Mohiuddine, S. A., A. Alotaibi. Coupled coincidence point theorems for compatible mappings in partially ordered intuitionistic generalized fuzzy metric spaces. Fixed Point Theory and Applications 2013, 2013:265 doi:10.1186/1687-1812-2013-265.
187	15	Rahman, S., & Saikia, H. K. (2013). Atanassov's intuitionistic fuzzy submodules with respect to a t-norm. Soft Computing, July 2013, Volume 17, Issue 7, pp 1253-1262.
188	16	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
189	17	Szmidt, E, J Kacprzyk. Geometric similarity measures for the intuitionistic fuzzy sets. 8th Conference of the European Society for Fuzzy Logic and Technology (EUSFLAT 2013), pp. 840-847.
190	18	Szmidt, E, J Kacprzyk. P. Bujnowski. The Kendall Rank Correlation between Intuitionistic Fuzzy Sets: An Extended Analysis. In: R. R. Yager, et. al. (Eds.) Soft Computing: State of the Art Theory, Series "Studies in Fuzziness and Soft Computing", Vol. 291, pp. 39-54.
191	19	Szmidt, E., Kacprzyk, J. ; Kukier, M. An extended numerical analysis of an intuitionistic fuzzy classifier for imbalanced classes. 2013 Joint IFSA World Congress and NAFIPS Annual Meeting (IFSA/NAFIPS), 24-28 June 2013, Edmonton, Canada, pp. 7-12
192	20	Thumbakara RK. On Intuitionistic Fuzzy Filters of Intuitionistic Fuzzy Coframes. Journal of Mathematics, 2013,Volume 2013 (2013), Article ID 793824, 10 pages. http://dx.doi.org/10.1155/2013/793824
193	21	Xu, Zeshui. Intuitionistic Preference Modeiling and Interactive Decision Making. Series "Studies in Fuzziness and Soft Computing", Vol. 280, Springer, 2013.
53.	**Atanassov K., Intuitionistic fuzzy sets, Fuzzy sets and Systems Vol. 20 (1986), No. 1, 87-96.**	
194	1	Abbas, S.E., Min, W.K. (r,s)-Fuzzy minimal structures and (r,s)-fuzzy minimal spaces (2013) Journal of Intelligent and Fuzzy Systems, 25 (3), pp. 627-633.
195	2	Abdullah, L., Ismail, W.K.W. A new ranking of environmental performance index using weighted correlation coefficient in intuitionistic fuzzy sets: A case of ASEAN countries (2013) Modern Applied Science, 7 (6), pp. 42-52.
196	3	Abdullah, L., Jaafar, S., Taib, I. Intuitionistic fuzzy analytic hierarchy process approach in ranking of human capital indicators (2013) Journal of Applied Sciences, 13 (3), pp. 423-429.
197	4	Agarwal, M., Biswas, K.K., Hanmandlu, M. Generalized intuitionistic fuzzy soft sets with applications in decision-making (2013) Applied Soft Computing Journal, 13 (8), pp. 3552-3566.
198	5	Agarwal, M., Hanmandlu, M., Biswas, K.K. A probabilistic and decision attitude aggregation operator for intuitionistic fuzzy environment (2013) International Journal of Intelligent Systems, 28 (8), pp. 806-839.
199	6	Agarwal, M., Hanmandlu, M., Biswas, K.K. Choquet integral vs. TOPSIS: An intuitionistic fuzzy approach (2013) IEEE International Conference on Fuzzy Systems, art. no. 6622313, .
200	7	Agarwal, M., Hanmandlu, M., Biswas, K.K. Intuitionistic fuzzy soft preference relations and application in decision making (2013) IEEE International Conference on Fuzzy Systems, art. no. 6622342, .
201	8	Ahn, J.Y. A comparison of two techniques for preliminary diagnosis of primary headaches (2013) International Journal of Innovative Computing, Information and Control, 9 (5), pp. 1881-1888.

202	9	Akram, M., Alshehri, N.O., Dudek, W.A. Certain types of interval-valued fuzzy graphs (2013) Journal of Applied Mathematics, 2013, art. no. 857070, .
203	10	Akram, M., Dudek, W.A. Intuitionistic fuzzy hypergraphs with applications (2013) Information Sciences, 218, pp. 182-193.
204	11	Akram, M., Yaqoob, N. Intuitionistic fuzzy soft ordered ternary semigroups (2013) International Journal of Pure and Applied Mathematics, 84 (2), pp. 93-107.
205	12	Albeanu, G. Towards intuitionistic fuzzy computational models of learning. The 9th International Scientific Conference eLearning and software for Education Bucharest, April 25-26, 2013, pp. 610-615. 10.12753/2066-026X-13-207
206	13	Alkouri, A.U.M., Salleh, A.R. Complex atanassov's intuitionistic fuzzy relation (2013) Abstract and Applied Analysis, 2013, art. no. 287382, .
207	14	Amsaveni, D., Uma, M.K., Roja, E. Intuitionistic fuzzy pre semi extremally disconnected spaces (2013) Far East Journal of Mathematical Sciences, 73 (1), pp. 119-129.
208	15	Ansari, A.Q., Biswas, R., Aggarwal, S. Extension to fuzzy logic representation: Moving towards neutrosophic logic
209	16	Anusha, K., Jayaleshwari, N., Arun Kumar, S., Rajyalakshmi, G.V. An efficient and secure intrusion detection method in mobile adhoc network using intuitionistic fuzzy (2013) International Journal of Engineering and Technology, 5 (3), pp. 2575
210	17	Anzilli, L. G. Facchinetti, G. Mastroleo. Evaluation and Ranking of Intuitionistic Fuzzy Quantities. Fuzzy Logic and Applications. Lecture Notes in Computer Science Volume 8256, 2013, pp 139-149.
211	18	Asghari-Larimi, M. (2013). On ($\in,\in\vee$ qk)-Intuitionistic Fuzzy Ideals of Hemirings. World Applied Sciences Journal 21 (Special Issue of Applied Math): 54-67, 2013. ISSN 1818-4952
212	19	Babitha, K. V., Sunil J. J. Hesitant fuzzy soft sets. Journal of New Results in Science. No. 3, 2013, 98-107
213	20	Baccour, L., Alimi, A.M., John, R.I. Similarity measures for intuitionistic fuzzy sets: State of the art (2013) Journal of Intelligent and Fuzzy Systems, 24 (1), pp. 37-49
214	21	Bahramloo, M., & Hoseini, M. (2013). A multiple criteria decision making for raking alternatives using preference relation matrix based on intuitionistic fuzzy sets. Decision Science Letters, Volume 2 Issue 4 pp. 281-286, 2013.
215	22	Bai, Z.-Y. Distance similarity measures for interval-valued hesitant fuzzy sets and their application in multicriteria decision making (2013) Journal of Decision Systems, 22 (3), pp. 190-201.
216	23	Bai, Z.-Y., Luo, D. Comprehensive assessment method of soil and water conservation of forest ecosystems in China using correlation coefficient between interval-valued fuzzy sets (2013) Journal of Applied Sciences, 13 (16), pp. 3345-3349.
217	24	Balasubramaniyan, R., Chandrasekaran, M. A new fuzzy based clustering algorithm for wireless mobile Ad-Hoc sensor networks (2013) 2013 International Conference on Computer Communication and Informatics, ICCCI 2013, art. no. 6466313
218	25	Balasubramaniam, P., V. P. Ananthi. Segmentation of Crop Nutrient Deficiency Using Intuitionistic Fuzzy C-Means Color Clustering Algorithm. Mining Intelligence and Knowledge Exploration, Lecture Notes in Computer Science Volume 8284, 2013, pp 112-119
219	26	Baležentis, T., Zeng, S. Group multi-criteria decision making based upon interval-valued fuzzy numbers: An extension of the MULTIMOORA method (2013) Expert Systems with Applications, 40 (2), pp. 543-550
220	27	Bali, O., S. Gümüş, M. Dağdeviren. A group MADM method for personnel selection problem using Delphi technique based on intuitionistic fuzzy sets. Journal of Military and Information Science, Vol 1, No 1 (2013), 1-13.
221	28	Barnabas, B. Mathematics of Fuzzy Sets and Fuzzy Logic. "Studies in Fuzziness and Soft Computing" Series, Vol. 295, Springer, 2013.
222	29	Bashir, M., Salleh, A.R. Mappings on intuitionistic fuzzy soft classes (2013) AIP Conference Proceedings, 1522, pp. 1022-1032.
223	30	Bedregal, B., G. Beliakov, H. Bustince, J. Fernandez, A. Pradera, R. Reiser. (S,N)-Implications on Bounded Lattices, In: Advances in Fuzzy Implication Functions, Series "Studies in Fuzziness and Soft Computing", Vol. 300, Springer, 2013, 101-124.
224	31	Beg, I., T. Rashid, (May, 2013). Multi-criteria trapezoidal valued intuitionistic fuzzy decision making with Choquet integral based TOPSIS. OPSEARCH, 1-32. doi: 10.1007/s12597-013-0134-5
225	32	Beliakov, G., James, S. On extending generalized Bonferroni means to Atanassov orthopairs in decision making contexts (2013) Fuzzy Sets and Systems, 211, pp. 84-98

226	33	Bhargava, R., B. K. Tripathy, A. Tripathy, R. Dhull, E. Verma, P. Swarnalatha. Rough intuitionistic fuzzy C-means algorithm and a comparative analysis. Proceedings of the 6th ACM India Computing Convention, Article No. 23, doi>10.1145/2522548.2523140
227	34	Billiet, C., Pons, J.E., Pons, O., De Tre, G. Bipolar querying of valid-time intervals subject to uncertainty (2013) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 8132 LNAI, pp. 401-412.
228	35	Biswas, P., S. Pramanik, B. Giri. A study on information technology professionals' health problem based on intuitionistic fuzzy cosine similarity measure. Swiss Journal of Statistical and Applied Mathematics – Vol. 2, Issue 1, 2013, 44-50
229	36	Biswas, R. Decoding the 'Progress' of Decision Making Process in the Human/Animal Cognition Systems while Evaluating the Membership Value μ(x). Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 21-53.
230	37	Bosc, P., Pivert, O. On a fuzzy bipolar relational algebra (2013) Information Sciences, 219, pp. 1
231	38	Broumi, S., Smarandache, F. Correlation coefficient of interval neutrosophic set (2013) Applied Mechanics and Materials, 436, pp. 511
232	39	Broumi, S., F. Smarandache. Several Similarity Measures of Neutrosophic Sets. J. Neutrosophic Sets and Systems, Vol. 1, 2013, 54-62.
233	40	Bujnowski, M. P. Zastosowanie intuicjonistycznych zbiorów rozmytych do konstrukcji drzew decyzyjnych w zadaniach klasyfikacji. PhD thesis. Instytut Badań Systemowych Polskiej Akademii Nauk, Warszawa 2013.
234	41	Burduk, R. On the bounds on optimal Bayes error in the task of multiple data sources (2013) Advances in Intelligent Systems and Computing, 184 AISC, pp. 201
235	42	Çağman, N., Karataş, S. Intuitionistic fuzzy soft set theory and its decision making (2013) Journal of Intelligent and Fuzzy Systems, 24 (4), pp. 829
236	43	Callejas Bedrega, B., L. Visintin, R.H.S. Reiser. Index, expressions and properties of interval-valued intuitionistic fuzzy implications. Trends in Applied and Computational Mathematics, Vol 14, No 2 (2013), 193-208.
237	44	Chachi, J., Taheri, S.M. A unified approach to similarity measures between intuitionistic fuzzy sets (2013) International Journal of Intelligent Systems, 28 (7), pp. 669-685
238	45	Chai, J., Liu, J.N.K., Xu, Z. A rule
239	46	Chakrabortty, S., Pal, M., Nayak, P.K. Intuitionistic fuzzy optimization technique for Pareto optimal solution of manufacturing inventory models with shortages (2013) European Journal of Operational Research, 228 (2), pp. 381
240	47	Chauhan, S., Pant, B.D., Bhatt, S. Fixed point theorems for weakly compatible mappings in intuitionistic fuzzy metric spaces (2013) Gazi University Journal of Science, 26 (2), pp. 173
241	48	Chauhan, S., Sumitra, Pant, B.D. Coincidence and common fixed point theorems in intuitionistic fuzzy metric spaces (2013) Far East Journal of Mathematical Sciences, 79 (1), pp. 25
242	49	Chen, N., Xu, Z., Xia, M. Correlation coefficients of hesitant fuzzy sets and their applications to clustering analysis (2013) Applied Mathematical Modelling, 37 (4), pp. 2197-2211.
243	50	Chen, N., Xu, Z., Xia, M. Interval-valued hesitant preference relations and their applications to group decision making (2013) Knowledge-Based Systems, 37, pp. 528-540.
244	51	Chen, S.-M., Li, T.-S. Evaluating students' answerscripts based on interval-valued intuitionistic fuzzy sets (2013) Information Sciences, 235, pp. 308-322.
245	52	Chen, S.-M., Randyanto, Y. A novel similarity measure between intuitionistic fuzzy sets and its applications (2013) International Journal of Pattern Recognition and Artificial Intelligence, 27 (7), art. no. 1350021, .
246	53	Chen, S.-M., Wang, C.-Y. Fuzzy decision making systems based on interval type-2 fuzzy sets (2013) Information Sciences, 242, pp. 1-21.
247	54	Chen, T.-Y. An interval-valued intuitionistic fuzzy LINMAP method with inclusion comparison possibilities and hybrid averaging operations for multiple criteria group decision making (2013) Knowledge-Based Systems, 45, pp. 134-146.
248	55	Chen, T.-Y. Data construction process and qualiflex-based method for multiple-criteria group decision making with interval-valued intuitionistic fuzzy sets (2013) International Journal of Information Technology and Decision Making, 12 (3), pp. 425-467.
249	56	Chen, X., Yang, L., Wang, P., Yue, W. A fuzzy multicriteria group decision-making method with new entropy of interval-valued intuitionistic fuzzy sets (2013) Journal of Applied Mathematics, 2013, art. no. 827268, .

250	57	Chen, X., Yang, L., Wang, P., Yue, W. An effective interval-valued intuitionistic fuzzy entropy to evaluate entrepreneurship orientation of online P2P lending platforms (2013) Advances in Mathematical Physics, art. no. 467215, .
251	58	Chen, X.-H., Dai, Z.-J., Liu, X. Approach to interval-valued intuitionistic fuzzy decision making based on entropy and correlation coefficient (2013) Xi Tong Gong Cheng Yu Dian Zi Ji Shu/Systems Engineering and Electronics, 35 (4), pp. 791-795.
252	59	Chen, X.-H., Li, X.-H. Group decision making based on novel trapezoidal intuitionistic fuzzy TOPSIS method (2013) Kongzhi yu Juece/Control and Decision, 28 (9), pp. 1377-1381+1388.
253	60	Choubey, A., & Ravi, K. M. (2013). Minimization of Deterministic Finite Automata with Vague (Final) States and Intuitionistic Fuzzy (Final) States. Iranian Journal of Fuzzy Systems, Vol. 10, No. 1, (2013) pp. 75-88
254	61	Cristea, I. Intuitionistic fuzzy preference relations and hypergroups (2013) Studies in Fuzziness and Soft Computing, 305, pp. 85-96
255	62	Cuvalcioglu, G. On The Diagram Of One Type Modal Operators On Intuitionistic Fuzzy Sets: Last Expanding With Z_{\alpha,\beta}^{\omega,\theta}. Iranian Journal of Fuzzy Systems Vol. 10, No. 1, (2013) pp. 89-106.
256	63	Da Costa, C.G., Bedregal, B., Dória Neto, A.D. Atanassov's intuitionistic fuzzy probability and Markov chains (2013) Knowledge-Based Systems, 43, pp. 52-62
257	64	Das, S., D. Guha. Ranking of Intuitionistic Fuzzy Number by Centroid Point. Journal of Industrial and Intelligent Information Vol. 1, No. 2, June 2013, 107-110.
258	65	Das, S., M. B. Kar, S. Kar. Group multi-criteria decision making using intuitionistic multi-fuzzy sets. Journal of Uncertainty Analysis and Applications 2013, 1:10. doi:10.1186/2195-5468-1-10
259	66	Davvaz, B., Abdulmula, K.S., Salleh, A.R. Atanassov's intuitionistic fuzzy hyperrings (rings) based on intuitionistic fuzzy universal sets (2013) Journal of Multiple-Valued Logic and Soft Computing, 21 (3-4), pp. 407-438.
260	67	Davvaz, B., Hassani Sadrabadi, E., Cristea, I. Atanassov's intuitionistic fuzzy grade of i.p.s. hypergroups of order 7 (2013) Journal of Multiple-Valued Logic and Soft Computing, 20 (5-6), pp. 467-506.
261	68	Davvaz, B., M. Jafarzadeh. Rough intuitionistic fuzzy information systems. Fuzzy Information and Engineering , December 2013, Volume 5, Issue 4, pp 445-458
262	69	Deschrijver, G. Implication Functions in Interval-Valued Fuzzy Set Theory. In: Advances in Fuzzy Implication Functions, Series "Studies in Fuzziness and Soft Computing", Vol. 300, Springer, 2013, 73-99.
263	70	Deshpande, B., R. Pathak. Fixed point theorems on intuitionistic fuzzy quasi-metric spaces with application to the domain of words. Italian Journal of Pure and Applied Mathematics, N° 31 – December 2013, pp. 343-.
264	71	Devi, K., Yadav, S.P. A multicriteria intuitionistic fuzzy group decision making for plant location selection with ELECTRE method (2013) International Journal of Advanced Manufacturing Technology, 66 (9-12), pp. 1219-1229.
265	72	Ding, X., Fu, H., Zhang, C. Multiple attribute group decision making based on dominance of intuitionistic fuzzy sets (2013) Advanced Materials Research, 662, pp. 948-952.
266	73	Drewniak, J., Semigroups and semirings of Atanassov's intuitionistic fuzzy relations. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume I: Foundations. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 49-66.
267	74	Drygas, P., On a class of operations on interval valued fuzzy sets. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume I: Foundations. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 67-83.
268	75	Duan, R., Han, Q., Wang, Z. Multi- Attribute group decision making models under intuitionistic fuzzy environment (2013) Applied Mechanics and Materials, 263-266 (PART 1), pp. 3225-3229.
269	76	Dworniczak, P. The Application of the Intuitionistic Fuzzy Sets to the Evaluation of the Economic Development of Countries. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 66-80.
270	77	Dymova, L., Sevastjanov, P., Tikhonenko, A. Two-criteria method for comparing real-valued and interval-valued intuitionistic fuzzy values (2013) Knowledge-Based Systems, 45, pp. 166-173.
271	78	Dymova, L., Sevastjanov, P., & Tkacz, K. (2013, January). The Use of Intuitionistic Fuzzy Values in Rule-Base Evidential Reasoning. In Artificial Intelligence and Soft Computing, Lecture Notes in Computer Science, Springer, Volume 7894, 2013, pp 247-258

272	79	Ersoy, B.A., Davvaz, B. Atanassov's intuitionistic fuzzy ?-hyperideals of ?-semihypergroups (2013) Journal of Intelligent and Fuzzy Systems, 25 (2), pp. 463-470.
273	80	Ersoy, B. A., & Davvaz, B. (2013, February). Structure of Intuitionistic Fuzzy Sets in-Semihyperrings. In Abstract and Applied Analysis, Volume 2013 (2013), Article ID 560698, 9 pages http://dx.doi.org/10.1155/2013/560698, Hindawi Publishing Corporation.
274	81	Eslami, E., Woo, P.-Y. More on intuitionistic fuzzy residuated lattices (2013) Journal of Multiple-Valued Logic and Soft Computing, 20 (3-4), pp. 335-352
275	82	Farhadinia, B. A novel method of ranking hesitant fuzzy values for multiple attribute decision-making problems (2013) International Journal of Intelligent Systems, 28 (8), pp. 752-767.
276	83	Feng, L., Liu, Y., Li, C., Feng, C., Shen, L. General vague rough approximation: An extended method of fuzzy knowledge representation (2013) Journal of Experimental and Theoretical Artificial Intelligence, 25 (1), pp. 53
277	84	Feng, Q., Li, R. Discernibility matrix based attribute reduction in intuitionistic fuzzy decision systems (2013) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 8170 LNAI, pp. 147
278	85	Fujita, H. Fuzzy reasoning for medical diagnosis based on subjective attributes and objective attributes alignment (2013) Proceedings of the 2013 Joint IFSA World Congress and NAFIPS Annual Meeting, IFSA/NAFIPS 2013, art. no. 6608528, pp. 950
279	86	Gangwal, C., Bhaumik, R.N., Kumar, S. Applications of IF rough relational model to deal with diabetic patients (2013) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 8170 LNAI, pp. 191-199
280	87	Gao, Y. Extended linguistic variable and its effective set (2013) Journal of Computers (Finland), 8 (5), pp. 1214-1219
281	88	Garai, A. (2013). Weighted intuitionistic fuzzy Delphi method. Journal of Global Research in Computer Science, 4(7), 38-42.
282	89	Garg, H. An approach for analyzing fuzzy system reliability using particle swarm optimization and intuitionistic fuzzy set theory (2013) Journal of Multiple-Valued Logic and Soft Computing, 21 (3-4), pp. 335-354.
283	90	Garg, H. Reliability analysis of repairable systems using Petri nets and vague Lambda-Tau methodology (2013) ISA Transactions, 52 (1), pp. 6-18.
284	91	Garg, H., Rani, M. An approach for reliability analysis of industrial systems using PSO and IFS technique (2013) ISA Transactions, 52 (6), pp. 701-710.
285	92	Garg, H., Rani, M., Sharma, S.P. Reliability analysis of the engineering systems using intuitionistic fuzzy set theory (2013) Journal of Quality and Reliability Engineering, art. no. 943972,
286	93	Gerogiannis, V.C., Fitsilis, P., Kameas, A.D. Evaluation of project and portfolio Management Information Systems with the use of a hybrid IFS-TOPSIS method (2013) Intelligent Decision Technologies, 7 (1), pp. 91-105.
287	94	Ghosh, D., A. Pal. Use of Fuzzy Relational Maps and Intuitionistic Fuzzy Sets to Analyze Health Problem of Agricultural Labourers. Annals of Pure and Applied Mathematics, Vol. 5, No.1, 2013, 1-10
288	95	Gong, Z., Y. Lin, T. Yao. Uncertain Fuzzy Preference Relations and Their Applications. "Studies in Fuzziness and Soft Computing" Series, Vol. 281, Springer, 2013.
289	96	Gong, Z., & Zhang, X. Variable precision intuitionistic fuzzy rough sets model and its application. International Journal of Machine Learning and Cybernetics, April 2013, 1-18. doi: 10.1007/s13042-013-0162-8
290	97	Gong, Z., Zhao, W., Qi, Y., Tao, L. Similarity and (?, ?)-equalities of intuitionistic fuzzy choice functions based on triangular norms (2013) Knowledge-Based Systems, 53, pp. 185-200
291	98	Grzegorzewski, P. On some basic concepts in probability of IF-events (2013) Information Sciences, 232, pp. 411-418.
292	99	Guan, X., Li, Y., Feng, F. A new order relation on fuzzy soft sets and its application (2013) Soft Computing, 17 (1), pp. 63-70
293	100	Gunduz, C., Bayramov, S. (2013). Some Results on Fuzzy Soft Topological Spaces. Mathematical Problems in Engineering, Volume 2013 (2013), Article ID 835308, 10 pages. http://dx.doi.org/10.1155/2013/835308
294	101	Guo, J. (2013). Hybrid Multiattribute Group Decision Making Based on Intuitionistic Fuzzy Information and GRA Method. ISRN Applied Mathematics, Volume 2013 (2013), Article ID 146026, 10 pages. http://dx.doi.org/10.1155/2013/146026

295	102	Guo, J. Hybrid Multicriteria Group Decision Making Method for Information System Project Selection Based on Intuitionistic Fuzzy Theory. Mathematical Problems in Engineering, Vol. 2013 (2013), Article ID 859537, 12 pages
296	103	Ha, M., Wang, C., Chen, J. The support vector machine based on intuitionistic fuzzy number and kernel function (2013) Soft Computing, 17 (4), pp. 635-641
297	104	Hadjileontiadou, S., Nikolaidou, G., Hadjileontiadis, L. Intuitionistic fuzzy logic-based approach of intrinsic motivation in CSCL settings during illusionary sense of control (2013) Smart Innovation, Systems and Technologies, 17, pp. 443-468
298	105	Hajiagha, S.H.R., Akrami, H., Zavadskas, E.K., Hashemi, S.S. An intuitionistic fuzzy data envelopment analysis for efficiency evaluation under uncertainty: Case of a finance and credit institution [Intuicionistická fuzzy analýza obalu dat pro hodnocení efektivnosti v podmínkách nejistoty: Případová studie finační a úvěrové instituce] (2013) E a M: Ekonomie a Management, 16 (1), pp. 128-137
299	106	Hashemi, H., Bazargan, J., Mousavi, S.M. A Compromise Ratio Method with an Application to Water Resources Management: An Intuitionistic Fuzzy Set (2013) Water Resources Management, 27 (7), pp. 2029-2051
300	107	Hazarika, B., Kumar, V., Lafuerza-Guillen, B. Generalized ideal convergence in intuitionistic fuzzy normed linear spaces (2013) Filomat, 27 (5), pp. 811-820
301	108	He, Y., Gong, Z. A method for intuitionistic fuzzy multi-attribute decision making with incomplete attribute weight information (2013) Journal of Theoretical and Applied Information Technology, 47 (2), pp. 590-593
302	109	He, Y.Y., Gong, Z.W. TOPSIS method for multiple attribute decision making problem in intuitionistic fuzzy setting (2013) Applied Mechanics and Materials, 427-429, pp. 1888-1891.
303	110	Hedayati, H. On filters of R0-algebras connected to intuitionistic fuzzy sets (2013) Journal of Intelligent and Fuzzy Systems, 25 (3), pp. 587-593.
304	111	Hila, K., S. Onar, B. Ali Ersoy, B. Davvaz. On generalized intuitionistic fuzzy subhyperalgebras of Boolean hyperalgebras. Journal of Inequalities and Applications 2013, 2013:501 doi:10.1186/1029-242X-2013-501
305	112	Hu, K., Li, J. The entropy and similarity measure of interval valued intuitionistic fuzzy sets and their relationship (2013) International Journal of Fuzzy Systems, 15 (3), pp. 279-288.
306	113	Huang, B., Wei, D.-K., Li, H.-X., Zhuang, Y.-L. Using a rough set model to extract rules in dominance-based interval-valued intuitionistic fuzzy information systems (2013) Information Sciences, 221, pp. 215-229.
307	114	Huang, B., Zhuang, Y.-L., Li, H.-X. Information granulation and uncertainty measures in interval-valued intuitionistic fuzzy information systems (2013) European Journal of Operational Research, 231 (1), pp. 162-170.
308	115	Huang, B., Zhuang, Y.-L., Li, H.-X., Wei, D.-K. A dominance intuitionistic fuzzy-rough set approach and its applications (2013) Applied Mathematical Modelling, 37 (12-13), pp. 7128-7141.
309	116	Huang, H., Cai, L.N., Cai, P. Dual hesitant fuzzy information aggregation in decision making (2013) Applied Mechanics and Materials, 389, pp. 854-859.
310	117	Huang, M., K. W. Li. A novel approach to characterizing hesitations in intuitionistic fuzzy numbers, Journal of Systems Science and Systems Engineering, September 2013, Volume 22, Issue 3, pp 283-294
311	118	Hung, K.-C., Lin, K.-P. Long-term business cycle forecasting through a potential intuitionistic fuzzy least-squares support vector regression approach (2013) Information Sciences, 224, pp. 37-48.
312	119	Hwang, C.-M., Yang, M.-S. New construction for similarity measures between intuitionistic fuzzy sets based on lower, upper and middle fuzzy sets (2013) International Journal of Fuzzy Systems, 15 (3), pp. 371-378.
313	120	Iancu, I., Constantinescu, N. Intuitionistic fuzzy system for fingerprints authentication (2013) Applied Soft Computing Journal, 13 (4), pp. 2136-2142
314	121	Imdad, M., Chauhan, S., Dalal, S. Unified fixed point theorems via common limit range property in modified intuitionistic fuzzy metric spaces (2013) Abstract and Applied Analysis, 2013, art. no. 413473.
315	122	Ibrahim, A. M., Ejegwa, P. A., & show by example that Definition, W. (2013). Remark on Some Operations of Intuitionistic Fuzzy Sets. International Journal of Science and Technology Volume 2 No. 1, January, 2013, pp. 94-96.
316	123	Intepe, G., Bozdag, E., Koc, T. The selection of technology forecasting method using a multi-criteria interval-valued intuitionistic fuzzy group decision making approach (2013) Computers and Industrial Engineering, 65 (2), pp. 277-285

317	124	Inuiguchi, M. Rough Representations of Ill-Known Sets and Their Manipulations in Low Dimensional Space (2013) Intelligent Systems Reference Library, 42, pp. 309-331
318	125	Ismail, W. K. W., & Abdullah, L. (2013, April). A new cosine similarity measure for interval-valued intuitionistic fuzzy sets and their applications. In AIP Conference Proceedings (Vol. 1522, p. 292).
319	126	Jafarian, E., Rezvani, M.A. A valuation-based method for ranking the intuitionistic fuzzy numbers (2013) Journal of Intelligent and Fuzzy Systems, 24 (1), pp. 133-144
320	127	Jayanthi, D. Intuitionistic Fuzzy Almost Generalized β Closed Mappings. International Journal of Engineering Research & Technology (IJERT), Vol. 2 Issue 12, 2013, 1151-1157.
321	128	Jassim, T. H. Completely Normal and Weak Completely Normal in Intuitionistic Topological Spaces. International Journal of Scientific & Engineering Research, Volume 4, Issue 10, October-2013 438-442.
322	129	Jeong, T.W., Ahn, J.Y., Lee, C.D. An object version transcoding for streaming media services in wireless networks (2013) International Journal of Innovative Computing, Information and Control, 9 (1), pp. 377-386.
323	130	Jiang, Y., Tang, Y., Liu, H., Chen, Z. Entropy on intuitionistic fuzzy soft sets and on interval-valued fuzzy soft sets (2013) Information Sciences, 240, pp. 95-114.
324	131	Jiang, Y., Xu, Z., Yu, X. Compatibility measures and consensus models for group decision making with intuitionistic multiplicative preference relations (2013) Applied Soft Computing Journal, 13 (4), pp. 2075-2086.
325	132	Jin, J., Li, Q., Li, C. On intuitionistic fuzzy context-free languages (2013) Journal of Applied Mathematics, 2013, art. no. 825249, .
326	133	Kavikumar, J., Khamis, A., Rusiman, M.S. N-structures applied to finite state machines (2013) IAENG International Journal of Applied Mathematics, 43 (4), pp. 233-237.
327	134	Khan, M., Anis, S., Faisal Characterizations of abel-grassmann's groupoids by intuitionistic fuzzy ideals (2013) World Applied Sciences Journal, 27 (12), pp. 1524-1530.
328	135	Kosareva, N., Krylovas, A. Comparison of accuracy in ranking alternatives performing generalized fuzzy average functions (2013) Technological and Economic Development of Economy, 19 (1), pp. 162-187.
329	136	Krohling, R.A., Pacheco, A.G.C., Siviero, A.L.T. IF-TODIM: An intuitionistic fuzzy TODIM to multi-criteria decision making (2013) Knowledge-Based Systems, 53, pp. 142-146.
330	137	Kumar, A., Kaur, M. A ranking approach for intuitionistic fuzzy numbers and its application (2013) Journal of Applied Research and Technology, 11 (3), pp. 381-396.
331	138	Kumar, M., Prasad Yadav, S., Kumar, S. Fuzzy system reliability evaluation using time-dependent intuitionistic fuzzy set (2013) International Journal of Systems Science, 44 (1), pp. 50-66.
332	139	Kumar, V., V. Devendra. Fuzzy Procedure for the Selection of Car among Various Brands. International Journal of Engineering Research and Technology. Vol. 6, Number 3 (2013), pp. 337-342
333	140	Lartigau, J., Xu, X., Nie, L., Zhan, D. Similarity evaluation based on intuitionistic fuzzy set for service cluster selection as cloud service candidate (2013) Lecture Notes in Business Information Processing, 144 LNBIP, pp. 36-49
334	141	Lata, N. Evaluating Failure of a Refrigeration cycle using Triangular Intuitionstic Fuzzy Approach. Int. J. for Research in Applied Science and Engineering Technology. Vol. 1, 2013, Issue 4, 47-51.
335	142	Lee, C. Streaming media object management based on SSR in distributed mobile networks (2013) ICIC Express Letters, 7 (11), pp. 2987-2991.
336	143	Lee, C. Streaming media service based on fuzzy similarity in wireless mobile networks (2013) Journal of Supercomputing, 65 (1), pp. 86-105.
337	144	Lee, C.-D., Bang, J.-H., Jeong, T.-W. A segment version transcoding for client-centric wireless mobile media streaming (2013) Journal of Central South University, 20 (9), pp. 2372-2377.
338	145	Lee, L.-W., Chen, S.-M. Fuzzy decision making based on hesitant fuzzy linguistic term sets (2013) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 7802 LNAI (PART 1), pp. 21-30.
339	146	Lee, S.-H., Shin, S.-S. Similarity measure design on overlapped and non-overlapped data (2013) Journal of Central South University, 20 (9), pp. 2440-2446.
340	147	Lei, X., Wu, S., Ge, L., Zhang, A. Clustering and overlapping modules detection in PPI network based on IBFO (2013) Proteomics, 13 (2), pp. 278-290.
341	148	Li, B., He, W. Intuitionistic fuzzy PRI-AND and PRI-OR aggregation operators (2013) Information Fusion, 14 (4), pp. 450-459.
342	149	Li, C. (2013). On intuitionistic fuzzy context-free languages. Journal of Applied Mathematics, Volume 2013 (2013), Article ID 825249, 16 pages. http://dx.doi.org/10.1155/2013/825249

343	150	Li, D.-F., Wan, S.-P. Fuzzy linear programming approach to multiattribute decision making with multiple types of attribute values and incomplete weight information (2013) Applied Soft Computing Journal, 13 (11), pp. 4333-4348.
344	151	Li, M. Extension of axiomatic design principles for multicriteria decision making problems in intuitionistic fuzzy environment (2013) Mathematical Problems in Engineering, 2013, art. no. 813471, .
345	152	Li, P., Liu, S.-F., Zhu, J.-J. Clustering method based on new intuitionistic fuzzy similarity degree (2013) Kongzhi yu Juece/Control and Decision, 28 (5), pp. 758-762.
346	153	Li, P., Liu, S.-F., Zhu, J.-J. GM(1, 1) prediction model based on intuitionistic fuzzy numbers (2013) Kongzhi yu Juece/Control and Decision, 28 (10), pp. 1583-1586.
347	154	Li, P., Liu, S.-F., Zhu, J.-J. Intuitionistic fuzzy stochastic multi-criteria decision-making methods based on MYCIN certainty factor and prospect theory (2013) Xitong Gongcheng Lilun yu Shijian/System Engineering Theory and Practice, 33 (6), pp. 1509-1515.
348	155	Li, W., Zeng, S. Uncertain linguistic aggregation distance measures and their application to group decision making (2013) Journal of Applied Mathematics, 2013, art. no. 563650, .
349	156	Li, X., Li, P., Lin, Z., Guo, Z., Yang, D. Research on evaluation of cabin design in naval ship based on the method of intuitionistic fuzzy multiple attribute group decision-making (2013) Lecture Notes in Electrical Engineering, 254 LNEE, pp. 837-844.
350	157	Li, X., Lv, L., Li, P. Evaluation of cabin design based on the method of multiple attribute group decision-making (2013) Proceedings of SPIE - The International Society for Optical Engineering, 8878, art. no. 887827, .
351	158	Li, Y., & Li, L. (2013, June). Intuitionistic fuzzy Choquet integrals and their application in modeling linguistic quantifiers. 2013 Joint IFSA World Congress and NAFIPS Annual Meeting (IFSA/NAFIPS), (pp. 315-320).
352	159	Liang, X., Wei, C., Chen, Z. An intuitionistic fuzzy weighted OWA operator and its application (2013) International Journal of Machine Learning and Cybernetics, 4 (6), pp. 713-719.
353	160	Liang, X., Wei, C., Xia, M. New Entropy, Similarity Measure of Intuitionistic Fuzzy Sets and their Applications in Group Decision Making (2013) International Journal of Computational Intelligence Systems, 6 (5), pp. 987-1001.
354	161	Lin, M. Anti intuitionistic fuzzy subgroup and its homomorphic image (2013) International Journal of Applied Mathematics and Statistics, 43 (13), pp. 387-391.
355	162	Lin, R., Zhao, X., Wei, G. Fuzzy number intuitionistic fuzzy prioritized operators and their application to multiple attribute decision making (2013) Journal of Intelligent and Fuzzy Systems, 24 (4), pp. 879-888.
356	163	Liu, B., Huo, T., Wang, X., Shen, Q., Chen, Y. The decision model of the intuitionistic fuzzy group bid evaluation for urban infrastructure projects considering social costs (2013) Canadian Journal of Civil Engineering, 40 (3), pp. 263-273.
357	164	Liu, D., Sun, M. Similarity measures induced by some transformation methods based on entropy measures (2013) ICIC Express Letters, 7 (9), pp. 2531-2537.
358	165	Liu, J., Liu, S.-F., Liu, P., Zhou, X.-Z., Zhao, B. A new decision support model in multi-criteria decision making with intuitionistic fuzzy sets based on risk preferences and criteria reduction (2013) Journal of the Operational Research Society, 64 (8), pp. 1205-1220.
359	166	Liu, P. Some generalized dependent aggregation operators with intuitionistic linguistic numbers and their application to group decision making (2013) Journal of Computer and System Sciences, 79 (1), pp. 131-143.
360	167	Liu, P. Some geometric aggregation operators based on interval intuitionistic uncertain linguistic variables and their application to group decision making (2013) Applied Mathematical Modelling, 37 (4), pp. 2430-2444.
361	168	Liu, S., Hu, D. Research on performance evaluation system of agricultural product logistics enterprises with hesitant fuzzy information (2013) Information (Japan), 16 (6 A), pp. 3309-3314.
362	169	Liu, S., Yu, F., Xu, W., Zhang, W. New approach to MCDM under interval-valued intuitionistic fuzzy environment (2013) International Journal of Machine Learning and Cybernetics, 4 (6), pp. 671-678.
363	170	Liu, Y., Forrest, J., Liu, S.-F., Zhao, H.-H., Jian, L.-R. Dynamic multiple attribute grey incidence decision making mothed based on interval valued intuitionisitc fuzzy number (2013) Kongzhi yu Juece/Control and Decision, 28 (9), pp. 1303-1308+1321.
364	171	Lourenzutti, R., Krohling, R.A. A study of TODIM in a intuitionistic fuzzy and random environment (2013) Expert Systems with Applications, 40 (16), pp. 6459-6468.

365	172	Luo, Y., Li, X., Yang, Y., & Liu, Z. (2013). Some Models for Multiple Attribute Decision Making with Intuitionistic Fuzzy Information and Uncertain Weights. IJCSI International Journal of Computer Science Issues, Vol. 10, Issue 1, No 3, January 2013, pp. 262-266.
366	173	Luo, D., & Xiao, J. (2013, July). Distance and Similarity between Intuitionistic Fuzzy Sets. 2013 IEEE International Conference on Mechanical and Automation Engineering (MAEE), 21-23 July 2013, Jiujang, pp. 157-160.
367	174	Mahapatra, G. S., T. K. Roy. Intuitionistic Fuzzy Number and Its Arithmetic Operation with Application on System Failure. Journal of Uncertain Systems, 7(2), 2013, 92-107.
368	175	Mahmood Mohammed, F., Md Noorani, M.S., Salleh, A.R. Totally semi-continuous and semi totally-continuous functions in double fuzzy topological spaces (2013) AIP Conference Proceedings, 1522, pp. 996-1002.
369	176	Majumder, S., A. Pal. Shortest Path Problem on Intuitionistic Fuzzy Network. Annals of Pure and Applied Mathematics, Vol. 5, No.1, 2013, 26-36.
370	177	Maldonado-Macías, A., Alvarado, A., García, J. L., & Balderrama, C. O. (2013). Intuitionistic fuzzy TOPSIS for ergonomic compatibility evaluation of advanced manufacturing technology. The International Journal of Advanced Manufacturing Technology, November 2013, doi: 10.1007/s00170-013-5444-5
371	178	Manro, S., Bhatia, S.S., Kumar, S., Kang, S.M. Common fixed point theorems of weak reciprocal continuity (2013) International Journal of Mathematical Analysis, 7 (45-48), pp. 2255-2268.
372	179	Mao, J., Yao, D., Wang, C. A novel cross-entropy and entropy measures of IFSs and their applications (2013) Knowledge-Based Systems, 48, pp. 37-45.
373	180	Mao, J., Yao, D., Wang, C. Group decision making methods based on intuitionistic fuzzy soft matrices (2013) Applied Mathematical Modelling, 37 (9), pp. 6425-6436.
374	181	Martinetti, D., Janiš, V., Montes, S. Cuts of intuitionistic fuzzy sets respecting fuzzy connectives (2013) Information Sciences, 232, pp. 267-275.
375	182	Meena, K., & Thomas, K. V. (2013). Intuitionistic L-Fuzzy Rings. Global Journal of Science Frontier Research, Volume 12 Issue 14 Version 1.0 Year 2012. pp. 17-31
376	183	Melo-Pinto, P., Couto, P., Bustince, H., Barrenechea, E., Pagola, M., Fernandez, J. Image segmentation using Atanassov's intuitionistic fuzzy sets (2013) Expert Systems with Applications, 40 (1), pp. 15-26.
377	184	Meng, F., Tang, J. Interval-valued intuitionistic fuzzy multiattribute group decision making based on cross entropy measure and Choquet integral (2013) International Journal of Intelligent Systems, 28 (12), pp. 1172-1195.
378	185	Meng, F., Zhang, Q. Generalized intuitionistic fuzzy hybrid Choquet averaging operators (2013) Journal of Systems Science and Systems Engineering, 22 (1), pp. 112-122.
379	186	Meng, F., Zhang, Q., Cheng, H. Approaches to multiple-criteria group decision making based on interval-valued intuitionistic fuzzy Choquet integral with respect to the generalized λ-Shapley index (2013) Knowledge-Based Systems, 37, pp. 237-249.
380	187	Meng, F.-Y., Zhu, Q. An induced generalised intuitionistic fuzzy Choquet Shapley operator for multi-attribute decision making (2013) International Journal of Modelling, Identification and Control, 20 (4), pp. 387-397.
381	188	Menshawy, A. M. (2013). Fuzzy Medial Ideals Characterized by its Intuitionistic. International Journal of Algebra, International Journal of Algebra, Vol. 7, 2013, no. 10, 479 - 486
382	189	Mishra, J. S. Ghosh. A vague multivalued data dependency. Fuzzy Information and Engineering, 2013, Volume 5, Issue 4, pp 459-473
383	190	Mishra, S. N., A. Pal. Product of Interval Valued Intuitionistic fuzzy graph. Annals of Pure and Applied Mathematics, Vol. 5, No.1, 2013, 37-46.
384	191	Mohan, J., Chandra, A. T. S., Krishnaveni, V., & Guo, Y. (2013). Image Denoising Based on Neutrosophic Wiener Filtering. In Advances in Computing and Information Technology. Series "Advances in Intelligent Systems and Computing", Volume 177, 2013, pp 861-869
385	192	Mondal, S., Pal, M. Soft matrices (2013) Journal of Uncertain Systems, 7 (4), pp. 254-264.
386	193	Muralikrishna, P., Chandramouleeswaran, M. On Bifuzzy SU-subalgebras (2013) Walailak Journal of Science and Technology, 10 (4), pp. 415-422.
387	194	Nagoor Gani, A., Abbas, S. A new method for solving intuitionistic fuzzy transportation problem (2013) Applied Mathematical Sciences, 7 (25-28), pp. 1357-1365.
388	195	Nagoorgani, A., Ponnalagu, K. An approach to solve intuitionistic fuzzy linear programming problem using single step algorithm (2013) International Journal of Pure and Applied Mathematics, 86 (5), pp. 819-832.

389	196	Naim, S., Hagras, H., Bilgin, A. Employing an interval type-2 fuzzy logic and hesitation index in a Multi Criteria Group Decision Making system for lighting level selection in an intelligent environment (2013) Proceedings of the 2013 IEEE Symposium on Advances in Type-2 Fuzzy Logic Systems, T2FUZZ 2013 - 2013 IEEE Symposium Series on Computational Intelligence, SSCI 2013, art. no. 6613292, pp. 1-8.
390	197	Naim, S., Hagras, H. A general type-2 Fuzzy Logic based Multi-Criteria group decision making for lighting level selection in an intelligent environment. Proc. of 5th Computer Science and Electronic Engineering Conference (CEEC), 2013, 17-18 Sept. 2013, 65-70.
391	198	Nan, J.-X., Li, D.-F. Linear programming approach to matrix games with intuitionistic fuzzy goals (2013) International Journal of Computational Intelligence Systems, 6 (1), pp. 186-197.
392	199	Nana, G.N., Fono, L.A. Arrow-type results under intuitionistic fuzzy preferences (2013) New Mathematics and Natural Computation, 9 (1), pp. 97-123.
393	200	Naz, M., Shabir, M. Fuzzy soft sets and their algebraic structures (2013) World Applied Sciences Journal, 22 (SPL.ISS), pp. 45-61.
394	201	Pagola, M., Lopez-Molina, C., Fernandez, J., Barrenechea, E., Bustince, H. Interval type-2 fuzzy sets constructed from several membership functions: Application to the fuzzy thresholding algorithm (2013) IEEE Transactions on Fuzzy Systems, 21 (2), art. no. 6247495, pp. 230-244.
395	202	Pal, N.R., Bustince, H., Pagola, M., Mukherjee, U.K., Goswami, D.P., Beliakov, G. Uncertainties with Atanassov's intuitionistic fuzzy sets: Fuzziness and lack of knowledge (2013) Information Sciences, 228, pp. 61-74.
396	203	Pan, Z. Fuzzy decision making based on fuzzy propositional logic with three kinds of negation (2013) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 7995 LNCS, pp. 128-140.
397	204	Pan, Z. Three kinds of negation of fuzzy knowledge and their base of logic (2013) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 7996 LNAI, pp. 83-93.
398	205	Pang, J., Zhang, X., Xu, W. Attribute reduction in intuitionistic fuzzy concept lattices (2013) Abstract and Applied Analysis, 2013, art. no. 271398, .
399	206	Pankajam, N., Pushpalatha, A. Prefilters in intuitionistic fuzzy topological spaces (2013) Journal of the Indian Mathematical Society, 80 (3-4), pp. 321-328.
400	207	Papakostas, G.A., Hatzimichailidis, A.G., Kaburlasos, V.G. Distance and similarity measures between intuitionistic fuzzy sets: A comparative analysis from a pattern recognition point of view (2013) Pattern Recognition Letters, 34 (14), pp. 1609-1622.
401	208	Park, J.H., Cho, H.J., Kwun, Y.C. Extension of the VIKOR method to dynamic intuitionistic fuzzy multiple attribute decision making (2013) Computers and Mathematics with Applications, 65 (4), pp. 731-744.
402	209	Park, J.-H., Hwang, J.-H., Park, W.-J., Wei, H., Lee, S.-H. Similarity measure on intuitionistic fuzzy sets (2013) Journal of Central South University, 20 (8), pp. 2233-2238.
403	210	Park, J.H., Kim, O.H., Kwun, Y.C. Filterness on soft topological spaces (2013) Journal of Computational Analysis and Applications, 15 (2), pp. 280-293.
404	211	Pei, Z. Rational decision making models with incomplete weight information for production line assessment (2013) Information Sciences, 222, pp. 696-716.
405	212	Peng, D.-H., Gao, C.-Y., Gao, Z.-F. Generalized hesitant fuzzy synergetic weighted distance measures and their application to multiple criteria decision-making (2013) Applied Mathematical Modelling, 37 (8), pp. 5837-5850.
406	213	Peng, J.-P., Yeh, W.-C., Lai, T.-C., Hsu, C.-P. Similarity-based method for multiresponse optimization problems with intuitionistic fuzzy sets (2013) Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 227 (6), pp. 908-916.
407	214	Peng, Z., & Chen, Q. (2013, January). A New Method for Ranking Canonical Intuitionistic Fuzzy Numbers. In: Proceedings of the International Conference on Information Engineering and Applications (IEA) 2012, Lecture Notes in Electrical Engineering, Springer, Volume 216, 2013, pp 609-616.
408	215	Pietraszek, J. The modified sequential-binary approach for fuzzy operations on correlated assessments (2013) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 7894 LNAI (PART 1), pp. 353-364
409	216	Pingping Chi, and Peide Liu, Several Similarity Measures of Neutrosophic Sets. J. Neutrosophic Sets and Systems, Vol. 1, 2013, 63-70.
410	217	Pu, H., Zeng, X., Li, W. Configuration evaluation of printing machine based on intuitionistic fuzzy entropy and TOPSIS (2013) Advanced Materials Research, 646, pp. 113-119.

411	218	Qi, J.-G., Man, J. Intuitionistic fuzzy subalgebras and intuitionistic fuzzy incident MP filters of R0-algebras (2013) Fangzhi Gaoxiao Jichukexue Xuebao, 26 (2), pp. 242-247.
412	219	Qi, X.-W., Liang, C.-Y., Huang, Y.-Q., Ding, Y. Multi-attribute group decision making method based on hybrid evaluation matrix (2013) Xitong Gongcheng Lilun yu Shijian/System Engineering Theory and Practice, 33 (2), pp. 473-481.
413	220	Qi, X.-W., Liang, C.-Y., Zhang, J. Some generalized dependent aggregation operators with interval-valued intuitionistic fuzzy information and their application to exploitation investment evaluation (2013) Journal of Applied Mathematics, 2013, art. no. 705159, .
414	221	Qian, G., Wang, H., Feng, X. Generalized hesitant fuzzy sets and their application in decision support system (2013) Knowledge-Based Systems, 37, pp. 357-365.
415	222	Rahman, S., & Saikia, H. K. (2013). Atanassov's intuitionistic fuzzy submodules with respect to a t-norm. Soft Computing, July 2013, Volume 17, Issue 7, pp 1253-1262.
416	223	Rahman, S., Saikia, H.K., Davvaz, B. On the definition of Atanassov's intuitionistic fuzzy subrings and ideals (2013) Bulletin of the Malaysian Mathematical Sciences Society, 36 (2), pp. 401-418
417	224	Rahman, S., & Saikia, H. K. (2013). On the Definition of Intuitionistic Fuzzy h-ideals of Hemirings. Kyungpook Mathematical Journal. Sep2013, Vol. 53 Issue 3, pp. 435-457.
418	225	Rajarajeswari, P., Senthil Kumar, L. Intuitionistic fuzzy regular weakly generalized irresolute mappings (2013) Far East Journal of Mathematical Sciences, 72 (1), pp. 117-130.
419	226	Rajarajeswari, P., & Uma, N. (2013). Hausdroff Similarity Measures For Intuitionistic Fuzzy Multi Sets And Its Application In Medical Diagnosis. International Journal of Mathematical Archive-4(9), 2013, 106-111
420	227	Rajarajeswari, P., N. Uma. Intuitionistic Fuzzy Multi Relations. International Journal of Mathematical Archive-4(10), 2013, 244-249.
421	228	Rajarajeswari, P., N. Uma. On Distance and Similarity Measures of Intuitionistic Fuzzy Multi Set. IOSR Journal of Mathematics (IOSR-JM) e-ISSN: 2278-5728. Volume 5, Issue 4 (Jan. - Feb. 2013), PP 19-23
422	229	Rangasamy, P., Akram, M., Thilagavathi, S. Intuitionistic fuzzy shortest hyperpath in a network (2013) Information Processing Letters, 113 (17), pp. 599-603.
423	230	Razavi Hajiagha, S.H., Hashemi, S.S., Zavadskas, E.K. A complex proportional assessment method for group decision making in an interval-valued intuitionistic fuzzy environment (2013) Technological and Economic Development of Economy, 19 (1), pp. 22-37.
424	231	Reiser, R.H.S., Bedregal, B. Interval-valued intuitionistic fuzzy implications - Construction, properties and representability (2013) Information Sciences, 248, pp. 68-88.
425	232	Renuka, R., Seenivasan, V. On intuitionistic fuzzy slightly precontinuous functions (2013) International Journal of Pure and Applied Mathematics, 86 (6), pp. 993-1004.
426	233	Renuka, R., V. Seenivasan. On -Connectedness in Intuitionistic Fuzzy Topological Spaces. Gen. Math. Notes, Vol. 19, No. 1, 2013, pp.16-27.
427	234	Rezapour, S., C. Ionescu, M. E. Samei. New Fixed Point Results and the Property (P) on Ordered Intuitionistic Fuzzy Metric Space. U.P.B. Sci. Bull., Series A, Vol. 75, Iss. 4, 2013, 27-38.
428	235	Riera, J.V., Torrens, J. Residual implications on the set of discrete fuzzy numbers (2013) Information Sciences, 247, pp. 131-143.
429	236	Rouyendegh, B.D. A hybrid intuitionistic MCDM model for supplier selection (2013) ICAART 2013 - Proceedings of the 5th International Conference on Agents and Artificial Intelligence, 2, pp. 519-522.
430	237	Sahu, S.K., Thakur, R.S., Sahu, N., Thakur, G.S. Hesitant Fuzzy Linguistic Term Set based document classification (2013) Proceedings - 2013 International Conference on Communication Systems and Network Technologies, CSNT 2013, art. no. 6524469, pp. 586-590.
431	238	Saikia, B.K., H. Boruah, P.K. Das. Application of Intuitionistic Fuzzy Soft Matrices in Decision Making Problems. International Journal of Mathematics Trends and Technology. Vol. 4, 2013, Issue 11, 254-265.
432	239	Samuel, E., A., Balamurugan, M. IFS with n-parameters in medical diagnosis (2013) International Journal of Pure and Applied Mathematics, 84 (3), pp. 185-192
433	240	Sardar, S.K., Pal, P., Majumder, S.K., Das, P. Atanassov's intuitionistic fuzzy ideals of po-?semigroups (2013) Kragujevac Journal of Mathematics, 37 (1), pp. 87-101.
434	241	Seenivasan, V., Renuka, R. Intuitionistic fuzzy pre-α-irresolute functions (2013) Far East Journal of Mathematical Sciences, 72 (2), pp. 251-267.
435	242	Seikh, M.R., Nayak, P.K., Pal, M. Notes on triangular intuitionistic fuzzy numbers (2013) International Journal of Mathematics in Operational Research, 5 (4), pp. 446-465.

436	243	Senthamilarasu, S., Hemalatha, M. A genetic algorithm based intuitionistic fuzzification technique for attribute selection (2013) Indian Journal of Science and Technology, 6 (4), pp. 4336-4346.
437	244	Shabir, M., M. Ali, M. Naz, F. Smarandache. Neutrosophic Soft Group. J. Neutrosophic Sets and Systems, Vol. 1, 2013, 13-25.
438	245	Shahmardan, A., M. H. Zadeh. An integrated approach for solving a MCDM problem, Combination of Entropy Fuzzy and F-PROMETHEE techniques. Journal of Industrial Engineering and Management. Vol 6, No 4 (2013), 1124-1138.
439	246	Shaw, A.K., Roy, T.K. Trapezoidal Intuitionistic Fuzzy Number with some arithmetic operations and its application on reliability evaluation (2013) International Journal of Mathematics in Operational Research, 5 (1), pp. 55-73.
440	247	Shi, L.L., Ye, J. Study on fault diagnosis of turbine using an improved cosine similarity measure for vague sets (2013) Journal of Applied Sciences, 13 (10), pp. 1781-1786.
441	248	Shi, Y.-M., He, J.-M. The interval-valued intuitionistic fuzzy optimized weighted bonferroni means and their application (2013) Journal of Applied Mathematics, 2013, art. no. 981762, .
442	249	Shidpour, H., Bernard, A., Shahrokhi, M. A group decision-making method based on intuitionistic fuzzy set in the three dimensional concurrent engineering environment: A multi-objective programming approach (2013) Procedia CIRP, 7, pp. 533-538.
443	250	Somaye Borhani Nezhad, Rayeni and Akbar Rezaei. Intuitionistic Fuzzy Soft Subalgebras (Filters) on BEAlgebras. Switzerland Research Park Journal. Vol. 102, No. 11; November 2013, 1447-1454
444	251	Starczewski, J. T. Advanced concepts in fuzzy logic and systems with membership uncertainty. "Studies in Fuzziness and Soft Computing" Series, Vol. 284, Springer, 2013.
445	252	Starosta, B., W. Kosinski. Metasets, certainty and uncertainty. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume I: Foundations. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 139-165.
446	253	Starosta, B., Kosinski, W. Metasets, intuitionistic fuzzy sets and uncertainty (2013) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 7894 LNAI (PART 1), pp. 388-399
447	254	Su, W., Yang, Y., Zhang, C., Zeng, S. Intuitionistic fuzzy decision-making with similarity measures and OWA operator (2013) International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 21 (2), pp. 245-262.
448	255	Sudha, M., R. Narmada Devi, E. Roja. On Some Characterization Of An Intuitionistic Fuzzy Structure Rings. International Journal of Mathematics and Computer Applications Research, Vol. 3, Issue 5, Dec 2013, 63-70.
449	256	Sui, Q., Sun, M. The enhanced intuitionistic fuzzy entropy and similarity measures based on tangent function and their application in medical diagnosis (2013) ICIC Express Letters, 7 (9), pp. 2511-2516.
450	257	Sujit Das, Samarjit Kar. Intuitionistic Multi Fuzzy Soft Set and its Application in Decision Making. Pattern Recognition and Machine Intelligence. Lecture Notes in Computer Science Volume 8251, 2013, pp 587-592.
451	258	Sun, B., Ma, W., Liu, Q. An approach to decision making based on intuitionistic fuzzy rough sets over two universes (2013) Journal of the Operational Research Society, 64 (7), pp. 1079-1089.
452	259	Sun, M., Liu, J. Intuitionistic fuzzy bonferroni mean ordered operators based on Einstein operations (2013) ICIC Express Letters, Part B: Applications, 4 (2), pp. 441-447.
453	260	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013
454	261	Szmidt, E, J Kacprzyk. Geometric similarity measures for the intuitionistic fuzzy sets. 8th Conference of the European Society for Fuzzy Logic and Technology (EUSFLAT 2013), pp. 840-847.
455	262	Szmidt, E., Kacprzyk, J. ; Kukier, M. An extended numerical analysis of an intuitionistic fuzzy classifier for imbalanced classes. 2013 Joint IFSA World Congress and NAFIPS Annual Meeting (IFSA/NAFIPS), 24-28 June 2013, Edmonton, Canada, pp. 7-12
456	263	Szmidt, E., Kacprzyk, J., Kukier, M. Intuitionistic fuzzy classifier for imbalanced classes (2013) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 7894 LNAI (PART 1), pp. 483-492
457	264	Takac, Z. Inclusion and subsethood measure for interval-valued fuzzy sets and for continuous type-2 fuzzy sets (2013) Fuzzy Sets and Systems, 224, pp. 106-120.

458	265	Takumi, S., Miyamoto, S. Nearest prototype and nearest neighbor clustering with twofold memberships based on inductive property (2013) Journal of Advanced Computational Intelligence and Intelligent Informatics, 17 (4), pp. 504-510.
459	266	Tan, C., Hou, D., Wei, W., Fu, R. Intuitionistic fuzzy manufacture knowledge-driven robust tolerance design (2013) Beijing Hangkong Hangtian Daxue Xuebao/Journal of Beijing University of Aeronautics and Astronautics, 39 (8), pp. 1004-1010.
460	267	Thilagavathi, S. A study on intuitionistic fuzzy hypergraphs. PhD thesis, Vellalar College for Womean (Autonomous), Tamilnadu, India, June 2013.
461	268	Thiripurasundari, V., S. Murugesan. New Type of Intuitionistic Fuzzy Boundary. Advances in Fuzzy Mathematics, Volume 8, Issue 1, 2013, 41-53.
462	269	Tiwari, S.P., Singh, A.K. On bijective correspondence between IF-preorders and saturated IF-topologies (2013) International Journal of Machine Learning and Cybernetics, 4 (6), pp. 733-737.
463	270	Tripathy, B. K., Jena, S. P., & Ghosh, S. K. An Intuitionistic fuzzy count and cardinality of Intuitionistic fuzzy sets. Malaya Journal of Matematik 4(1)(2013) 123–133
464	271	Tripathy, B.K., Gantayat, S.S. Conceptual application of list theory to data structures (2013) Advances in Intelligent Systems and Computing, 177 AISC (VOL. 2), pp. 551-560.
465	272	Tripathy, B.K., Satapathy, M.K., Choudhury, P.K. Intuitionistic fuzzy lattices and intuitionistic fuzzy boolean algebras (2013) International Journal of Engineering and Technology, 5 (3), pp. 2352-2361.
466	273	Tsai, Hsu-Shen, Chao-Ming Hwang, Miin-Shen Yang. Exponential Inclusion, Similarity Measure and Entropy of Interval-valued Fuzzy Sets and Their Relationship. Journal of Pattern Recognition & Image Processing 4:4 (2013) 493-500
467	274	Tu, Z., Liu, X. Deriving intuitionistic fuzzy number priority weights from intuitionistic judgment matrix (2013) Journal of University of Science and Technology of China, 43 (5), pp. 420-428.
468	275	Tung, C.-T., Liu, S., Wang, B.S. A comment on "on the Mitchell similarity measure and its application to pattern recognition" (2013) Pattern Recognition Letters, 34 (5), pp. 453-455.
469	276	Tuzkaya, G. An intuitionistic fuzzy Choquet integral operator based methodology for environmental criteria integrated supplier evaluation process (2013) International Journal of Environmental Science and Technology, 10 (3), pp. 423-432.
470	277	Tyagi, S. K., & Akram, M. Human Reliability Evaluation for Offshore Platform Musters Using Intuitionistic Fuzzy Sets. IEEE Transactions on Fuzzy Systems, Volume:21, Issue: 6, PP. 1115 - 1122.
471	278	Vahdani, B., Mousavi, S.M., Tavakkoli-Moghaddam, R., Hashemi, H. A new design of the elimination and choice translating reality method for multi-criteria group decision-making in an intuitionistic fuzzy environment (2013) Applied Mathematical Modelling, 37 (4), pp. 1781-1799
472	279	Verma, R., & Sharma, B. D. (2013). Exponential entropy on intuitionistic fuzzy sets. Kybernetika, vol. 49 (2013), issue 1, pp. 114-127
473	280	Verma, M., Kumar, A., Singh, P., Singh, Y. Risk analysis of combustion system using vague ranking method (2013) Journal of Intelligent and Fuzzy Systems, 24 (4), pp. 765-773.
474	281	Verma, R., B.D. Sharma. Some new results on intuitionistic fuzzy sets. Proceedings of the Jangjeon Mathematical Society. Vol. 16 (2013), No. 1, pp. 101-114.
475	282	Vijayaraju, P., Z.M.I. Sajath. Common Fixed Points of Single and Multivalued Maps in Intuitionistic Fuzzy Metric Spaces. Global Journal of Theoretical and Applied Mathematics Sciences, Vol. 2, 2012, Issue 2, 137-149.
476	283	Vijayabalaji, S., Sivaramakrishnan, S. Homomorphism of anti fuzzy M-semigroup (2013) International Journal of Pure and Applied Mathematics, 86 (6), pp. 911-917
477	284	Wan Ismail, W.K., Abdullah, L. A new cosine similarity measure for interval-valued intuitionistic fuzzy sets and their applications (2013) AIP Conference Proceedings, 1522, pp. 292-298.
478	285	Wan, S.-P. Multi-attribute decision making method based on possibility variance coefficient of triangular intuitionistic fuzzy numbers (2013) International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 21 (2), pp. 223-243.
479	286	Wan, S.-P. Power average operators of trapezoidal intuitionistic fuzzy numbers and application to multi-attribute group decision making (2013) Applied Mathematical Modelling, 37 (6), pp. 4112-4126.
480	287	Wan, S.-P., Li, D.-F. Fuzzy LINMAP approach to heterogeneous MADM considering comparisons of alternatives with hesitation degrees (2013) Omega (United Kingdom), 41 (6), pp. 925-940.
481	288	Wan, S.-P., Li, D.-F. Possibility mean and variance based method for multi-attribute decision making with triangular intuitionistic fuzzy numbers (2013) Journal of Intelligent and Fuzzy Systems, 24 (4), pp. 743-754.

482	289	Wan, S.-P., Li, D.-F., Rui, Z.-F. Possibility mean, variance and covariance of triangular intuitionistic fuzzy numbers (2013) Journal of Intelligent and Fuzzy Systems, 24 (4), pp. 847-858.
483	290	Wan, S.-P., Wang, Q.-Y., Dong, J.-Y. The extended VIKOR method for multi-attribute group decision making with triangular intuitionistic fuzzy numbers (2013) Knowledge-Based Systems, 52, pp. 65-77.
484	291	Wan, Z., Chen, M., Zhang, L. New consistency index for comparison matrices and its properties (2013) International Journal of Applied Mathematics and Statistics, 42 (12), pp. 206-218.
485	292	Wang, C., Qu, A. Entropy, similarity measure and distance measure of vague soft sets and their relations (2013) Information Sciences, 244, pp. 92-106.
486	293	Wang, F., Zeng, S., Zhang, C. A method based on intuitionistic fuzzy dependent aggregation operators for supplier selection (2013) Mathematical Problems in Engineering, 2013, art. no. 481202, .
487	294	Wang, G., Xu, C., Yu, H. Expression and processing of uncertain information (2013) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 8171 LNAI, pp. 53-65.
488	295	Wang, H., Qian, G., Feng, X.-Q. Predicting consumer sentiments using online sequential extreme learning machine and intuitionistic fuzzy sets (2013) Neural Computing and Applications, 22 (3-4), pp. 479-489.
489	296	Wang, J.-Q., Li, K.-J. Multi-criteria decision-making method based on intuitionistic normal fuzzy aggregation operators (2013) Xitong Gongcheng Lilun yu Shijian/System Engineering Theory and Practice, 33 (6), pp. 1501-1508.
490	297	Wang, J.-Q., Li, K.-J., Zhang, H.-Y., Chen, X.-H. A score function based on relative entropy and its application in intuitionistic normal fuzzy multiple criteria decision making (2013) Journal of Intelligent and Fuzzy Systems, 25 (3), pp. 567-576.
491	298	Wang, J.-Q., Nie, R., Zhang, H.-Y., Chen, X.-H. New operators on triangular intuitionistic fuzzy numbers and their applications in system fault analysis (2013) Information Sciences, 251, pp. 79-95.
492	299	Wang, J.-Q., Nie, R.-R., Zhang, H.-Y., Chen, X.-H. Intuitionistic fuzzy multi-criteria decision-making method based on evidential reasoning (2013) Applied Soft Computing Journal, 13 (4), pp. 1823-1831.
493	300	Wang, J.-Q., Zhang, H.-Y. Multicriteria decision-making approach based on atanassov's intuitionistic fuzzy sets with incomplete certain information on weights (2013) IEEE Transactions on Fuzzy Systems, 21 (3), art. no. 6249738, pp. 510-515.
494	301	Wang, L., Ni, M., Zhu, L. Correlation measures of dual hesitant fuzzy sets (2013) Journal of Applied Mathematics, 2013, art. no. 593739, .
495	302	Wang, L.-L., Li, D.-F., Zhang, S.-S. Mathematical programming methodology for multiattribute decision making using interval-valued intuitionistic fuzzy sets (2013) Journal of Intelligent and Fuzzy Systems, 24 (4), pp. 755-763.
496	303	Wang, P., Meng, P., Zhai, J.-Y., Zhu, Z.-Q. A hybrid method using experiment design and grey relational analysis for multiple criteria decision making problems (2013) Knowledge-Based Systems, 53, pp. 100-107.
497	304	Wang, W., Liu, X. Interval-valued intuitionistic fuzzy hybrid weighted averaging operator based on Einstein operation and its application to decision making (2013) Journal of Intelligent and Fuzzy Systems, 25 (2), pp. 279-290.
498	305	Wang, W., Liu, X. Some operations over atanassov's intuitionistic fuzzy sets based on einstein T-norm and T-conorm (2013) International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 21 (2), pp. 263-276.
499	306	Wang, W., Liu, X. The multi-attribute decision making method based on interval-valued intuitionistic fuzzy Einstein hybrid weighted geometric operator (2013) Computers and Mathematics with Applications, 66 (10), pp. 1845-1856.
500	307	Wang, X.-F., Wang, J.-Q., Yang, W.-E. Group decision making approach based on interval-valued intuitionistic linguistic geometric aggregation operators (2013) International Journal of Intelligent Information and Database Systems, 7 (6), pp. 516-534.
501	308	Wang, Y., Chen, H., Zhou, L. Logarithm Compatibility of Interval Multiplicative Preference Relations with an Application to Determining the Optimal Weights of Experts in the Group Decision Making (2013) Group Decision and Negotiation, 22 (4), pp. 759-772.
502	309	Wang, Z.-J. Derivation of intuitionistic fuzzy weights based on intuitionistic fuzzy preference relations (2013) Applied Mathematical Modelling, 37 (9), pp. 6377-6388.

503	310	Wei, G., Zhao, X. Induced hesitant interval-valued fuzzy Einstein aggregation operators and their application to multiple attribute decision making (2013) Journal of Intelligent and Fuzzy Systems, 24 (4), pp. 789-803.
504	311	Wei, G., Zhao, X., Lin, R. Some hesitant interval-valued fuzzy aggregation operators and their applications to multiple attribute decision making (2013) Knowledge-Based Systems, 46, pp. 43-53.
505	312	Wen, L., Wang, R., & Zhao, W. (2013). Supplier Selection Based on Intuitionistic Fuzzy Sets Group Decision Making. Research Journal of Applied Sciences, Engineering and Technology 5(3): 950-956, 2013
506	313	Wibowo, S., Deng, H. Consensus-based decision support for multicriteria group decision making (2013) Computers and Industrial Engineering, 66 (4), pp. 625-633.
507	314	Wu, H. Some operations on interval-valued intuitionistic fuzzy sets (2013) Proceedings - 2013 International Conference on Computational and Information Sciences, ICCIS 2013, art. no. 6643139, pp. 832-834.
508	315	Wu, J., Cao, Q.-W. Same families of geometric aggregation operators with intuitionistic trapezoidal fuzzy numbers (2013) Applied Mathematical Modelling, 37 (1-2), pp. 318-327.
509	316	Wu, J., Chen, F., Nie, C., Zhang, Q. Intuitionistic fuzzy-valued Choquet integral and its application in multicriteria decision making (2013) Information Sciences, 222, pp. 509-527.
510	317	Wu, J., Huang, H.-B., Cao, Q.-W. Research on AHP with interval-valued intuitionistic fuzzy sets and its application in multi-criteria decision making problems (2013) Applied Mathematical Modelling, 37 (24), pp. 9898-9906.
511	318	Wu, J., Liu, Y. An approach for multiple attribute group decision making problems with interval-valued intuitionistic trapezoidal fuzzy numbers (2013) Computers and Industrial Engineering, 66 (2), pp. 311-324.
512	319	Wygralak, M. Intelligent counting under information imprecision: Applications to intelligent systems and decision support (2013) Studies in Fuzziness and Soft Computing, 292, pp. 1-302.
513	320	Xia, M., Xu, Z. Group decision making based on intuitionistic multiplicative aggregation operators (2013) Applied Mathematical Modelling, 37 (7), pp. 5120-5133.
514	321	Xia, M., Xu, Z. Managing hesitant information in gdm problems under fuzzy and multiplicative preference relations (2013) International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 21 (6), pp. 865-897.
515	322	Xia, M., Xu, Z., Chen, N. Some Hesitant Fuzzy Aggregation Operators with Their Application in Group Decision Making (2013) Group Decision and Negotiation, 22 (2), pp. 259-279.
516	323	Xia, M., Xu, Z., Liao, H. Preference relations based on intuitionistic multiplicative information (2013) IEEE Transactions on Fuzzy Systems, 21 (1), art. no. 6212345, pp. 113-133.
517	324	Xia, M., Xu, Z., Zhu, B. Geometric Bonferroni means with their application in multi-criteria decision making (2013) Knowledge-Based Systems, 40, pp. 88-100.
518	325	Xia, Y. On extension of decision making approaches under a complex environment (2013) WIT Transactions on Engineering Sciences, 80, pp. 35-42.
519	326	Xu, Zeshui. Intuitionistic Preference Modeiling and Interactive Decision Making. Series "Studies in Fuzziness and Soft Computing", Vol. 280, Springer, 2013.
520	327	Xu, C., Zhang, P., Li, B., Wu, D., Fan, H. Vague C-means clustering algorithm (2013) Pattern Recognition Letters, 34 (5), pp. 505-510.
521	328	Xu, D., Fu, Y., Mao, J. Dynamic analysis of IVFSs based on granularity computing (2013) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 8170 LNAI, pp. 253-260.
522	329	Xu, D., Xu, Z., Liu, S., Zhao, H. A spectral clustering algorithm based on intuitionistic fuzzy information (2013) Knowledge-Based Systems, 53, pp. 20-26.
523	330	Xu, W., Liu, Y., Li, T. Intuitionistic fuzzy ordered information system (2013) International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 21 (3), pp. 367-390.
524	331	Xu, W.-H., Liu, S.-H., Yu, F.-S. Knowledge reduction in lattice-valued information systems with interval-valued intuitionistic fuzzy decision (2013) International Journal on Artificial Intelligence Tools, 22 (1), art. no. 1250030, .
525	332	Xu, Y., Li, Y., Wang, H. The induced intuitionistic fuzzy Einstein aggregation and its application in group decision-making (2013) Journal of Industrial and Production Engineering, 30 (1), pp. 2-14.
526	333	Xu, Z. Compatibility Analysis of Intuitionistic Fuzzy Preference Relations in Group Decision Making (2013) Group Decision and Negotiation, 22 (3), pp. 463-482.
527	334	Xu, Z., Zhang, X. Hesitant fuzzy multi-attribute decision making based on TOPSIS with incomplete weight information (2013) Knowledge-Based Systems, 52, pp. 53-64.

528	335	Xuanhua Xu, JoongHo Ahn, Xiaohong Chen, Yanju Zhou. Conflict measure model for large group decision based on interval intuitionistic trapezoidal fuzzy number and its application. Journal of Systems Science and Systems Engineering, December 2013, Volume 22, Issue 4, pp 487-498
529	336	Xue, Z., Xiao, Y., Liu, W., Cheng, H., Li, Y. Intuitionistic fuzzy filter theory of BL-algebras (2013) International Journal of Machine Learning and Cybernetics, 4 (6), pp. 659-669
530	337	Yager, R.R. Pythagorean fuzzy subsets. 2013 Joint IFSA World Congress and NAFIPS Annual Meeting (IFSA/NAFIPS), 24-28 June 2013, Edmonton, Canada, pp. 57 - 61.
531	338	Yager, R.R., Abbasov, A.M. Pythagorean membership grades, complex numbers, and decision making (2013) International Journal of Intelligent Systems, 28 (5), pp. 436-452.
532	339	Yan, G. An entropy method for fuzzy group decision-making problems under fuzzy random information (2013) International Journal of Applied Mathematics and Statistics, 43 (13), pp. 224-231.
533	340	Yang, C.-F. Intuitionistic fuzzy soft rings and intuitionistic fuzzy soft ideals (2013) Journal of Computational Analysis and Applications, 15 (2), pp. 316-326.
534	341	Yang, W.-E., Wang, J.-Q. Vague linguistic matrix game approach for multi-criteria decision making with uncertain weights (2013) Journal of Intelligent and Fuzzy Systems, 25 (2), pp. 315-324.
535	342	Yang, X., Yang, Y. Independence of axiom sets on intuitionistic fuzzy rough approximation operators (2013) International Journal of Machine Learning and Cybernetics, 4 (5), pp. 505-513.
536	343	Yang, Y., Meng, C.C. On possibility interval-valued fuzzy soft sets (2013) Applied Mechanics and Materials, 336-338, pp. 2288-2302.
537	344	Yaqoob, N. (2013). Interval Valued Intuitionistic Fuzzy Ideals of Regular LA-Semigroups. Thai Journal of Mathematics. Vol 11, No 3 (2013), pp. 683 - 695.
538	345	Yaqoob, N., Akram, M., Aslam, M. Intuitionistic fuzzy soft groups induced by (t, s)-norm (2013) Indian Journal of Science and Technology, 6 (4), pp. 4282-4289.
539	346	Yaqoob, N., Khan, M., Akram, M., Khan, A. Interval valued intuitionistic (s?, t?)-fuzzy ideals of ternary semigroups (2013) Indian Journal of Science and Technology, 6 (11), pp. 5418-5428.
540	347	Ye, J. A linear programming method based on an improved score function for interval-valued intuitionistic fuzzy multicriteria decision making (2013) Engineering Economist, 58 (3), pp. 179-188.
541	348	Ye, J. Interval-valued intuitionistic fuzzy cosine similarity measures for multiple attribute decision-making (2013) International Journal of General Systems, 42 (8), pp. 883-891.
542	349	Ye, J. Multicriteria decision-making method using the correlation coefficient under single-valued neutrosophic environment (2013) International Journal of General Systems, 42 (4), pp. 386-394.
543	350	Ye, J. Multiple attribute group decision-making methods with unknown weights in intuitionistic fuzzy setting and interval-valued intuitionistic fuzzy setting (2013) International Journal of General Systems, 42 (5), pp. 489-502.
544	351	Ye, J. (2013). Multiple attribute group decision-making methods with completely unknown weights in intuitionistic fuzzy setting and interval-valued intuitionistic fuzzy setting. Group Decision and Negotiation, March 2013, Volume 22, Issue 2, pp 173-188.
545	352	Yen, P.C.P., Fan, K., Chao, H.C.J. A new method for similarity measures for pattern recognition (2013) Applied Mathematical Modelling, 37 (7), pp. 5335-5342.
546	353	Yi, Z., Kai, C.G., Chun, X.H. Study on the decision-making method of aviation equipment development process based on vague set paper title (2013) Journal of Applied Sciences, 13 (11), pp. 2111-2114.
547	354	Yin, J.-S., Yan, Q.-P., Liu, L., Ma, Y.-F. Consistent fusion of traffic state decision information based on IFS (2013) Jiaotong Yunshu Xitong Gongcheng Yu Xinxi/Journal of Transportation Systems Engineering and Information Technology, 13 (3), pp. 71-77.
548	355	Yongwei Yang, Xiaolong Xin, and Pengfei He, Applications of Soft Union Sets in the Ring Theory. Journal of Applied Mathematics, Volume 2013 (2013), Article ID 474890, 9 pages. http://dx.doi.org/10.1155/2013/474890
549	356	Yu, D. Decision making based on generalized geometric operator under interval-valued intuitionistic fuzzy environment (2013) Journal of Intelligent and Fuzzy Systems, 25 (2), pp. 471-480.
550	357	Yu, D. Intuitionistic fuzzy geometric Heronian mean aggregation operators (2013) Applied Soft Computing Journal, 13 (2), pp. 1235-1246.
551	358	Yu, D. Intuitionistic fuzzy information aggregation and its application on multi-criteria decision-making (2013) Journal of Industrial and Production Engineering, 30 (4), pp. 281-290.
552	359	Yu, D. Intuitionistic fuzzy prioritized operators and their application in multi-criteria group decision making (2013) Technological and Economic Development of Economy, 19 (1), pp. 1-21.

553	360	Yu, D. Intuitionistic trapezoidal fuzzy information aggregation methods and their applications to teaching quality evaluation (2013) Journal of Information and Computational Science, 10 (6), pp. 1861-1869.
554	361	Yu, D. Multi-criteria decision making based on generalized geometric aggregation operators under intuitionistic Fuzzy environment (2013) Information (Japan), 16 (1 A), pp. 29-38.
555	362	Yu, D. Multi-criteria decision making based on generalized prioritized aggregation operators under intuitionistic fuzzy environment (2013) International Journal of Fuzzy Systems, 15 (1), pp. 47-54.
556	363	Yu, D. Prioritized information fusion method for triangular intuitionistic fuzzy set and its application to teaching quality evaluation (2013) International Journal of Intelligent Systems, 28 (5), pp. 411-435.
557	364	Yu, D. The evaluation of the quality of teaching based on intuitionistic fuzzy set (2013) Journal of Computational Information Systems, 9 (8), pp. 2949-2956.
558	365	Yu, X., Xu, Z. Prioritized intuitionistic fuzzy aggregation operators (2013) Information Fusion, 14 (1), pp. 108-116.
559	366	Yue, L., Sun, M. Intuitionistic fuzzy normalized ordered weighted geometric Bonferroni mean operator with its application in talent introduction (2013) ICIC Express Letters, 7 (9), pp. 2587-2593.
560	367	Yue, Z. An intuitionistic fuzzy projection-based approach for partner selection (2013) Applied Mathematical Modelling, 37 (23), pp. 9538-9551.
561	368	Yue, Z., Jia, Y. A method to aggregate crisp values into interval-valued intuitionistic fuzzy information for group decision making (2013) Applied Soft Computing Journal, 13 (5), pp. 2304-2317.
562	369	Yue, Z., Jia, Y. An application of soft computing technique in group decision making under interval-valued intuitionistic fuzzy environment (2013) Applied Soft Computing Journal, 13 (5), pp. 2490-2503.
563	370	Zamali, T., Norfazillah, M., Osman, M.T.A., Lazim, M.A. New fuzzy preference relations for group decision-making (2013) AIP Conference Proceedings, 1557, pp. 72-77.
564	371	Zeng, S. (2013). Some intuitionistic fuzzy weighted distance measures and their application to group decision making. Group Decision and Negotiation, March 2013, Volume 22, Issue 2, pp 281-298
565	372	Zeng, S., Balezentis, A., Su, W. The multi-criteria hesitant fuzzy group decision making with MULTIMOORA method (2013) Economic Computation and Economic Cybernetics Studies and Research, 47 (3), pp. 171-184
566	373	Zeng, S., Baležentis, T., Chen, J., & Luo, G. (2013). A Projection Method for Multiple Attribute Group Decision Making with Intuitionistic Fuzzy Information. Informatica, 2013, Vol. 24, No. 3, 485–503.
567	374	Zeng, S., Su, W., Sun, L. A method based on similarity measures for interactive group decision-making with intuitionistic fuzzy preference relations (2013) Applied Mathematical Modelling, 37 (10-11), pp. 6909-6917.
568	375	Zeng, W., Zhao, Y. Multiple rules interval-valued approximate reasoning based on interval-valued similarity measure set (2013) ICIC Express Letters, 7 (4), pp. 1265-1271.
569	376	Zhang, H. Entropy for intuitionistic fuzzy sets based on distance and intuitionistic index (2013) International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 21 (1), pp. 139-155.
570	377	Zhang, H., Yu, L. New distance measures between intuitionistic fuzzy sets and interval-valued fuzzy sets (2013) Information Sciences, 245, pp. 181-196.
571	378	Zhang, J.L., Qi, X.W. Research on multiple attribute decision making under hesitant fuzzy linguistic environment with application to production strategy decision making (2013) Advanced Materials Research, 753-755, pp. 2829-2836.
572	379	Zhang, J.L., Qi, X.W., Huang, H.B. A hesitant fuzzy multiple attribute group decision making approach based on TOPSIS for parts supplier selection (2013) Applied Mechanics and Materials, 357-360, pp. 2730-2737.
573	380	Zhang, J.L., Wu, J. Research on the IAMM and IGMM operators in group decision making with intuitionistic preference relations (2013) Advanced Materials Research, 753-755, pp. 2806-2815.
574	381	Zhang, L., Peng, X. Hybrid-QoS-aware dynamic Web service composition group decision-making with uncertainties (2013) Information (Japan), 16 (6 B), pp. 3831-3840.
575	382	Zhang, L., Qing, C. Hybrid-context-aware web service selection approach (2013) Journal of Internet Technology, 14 (1), pp. 57-70.
576	383	Zhang, L., Yang, Y. Dynamic web service selection group decision-making method based on hybrid QoS (2013) International Journal of High Performance Computing and Networking, 7 (3), pp. 215-226.

577	384	Zhang, M.-J., Qin, X.-Z., Nan, J.-X. Binomial tree model of the European option pricing based on the triangular intuitionistic fuzzy numbers (2013) Xitong Gongcheng Lilun yu Shijian/System Engineering Theory and Practice, 33 (1), pp. 34-40.
578	385	Zhang, Q., Liu, F., Huang, Y. A warning and urgent decision-making mechanism for uncertain network public sentiment emergency (2013) Journal of Computers (Finland), 8 (10), pp. 2640-2647.
579	386	Zhang, Q., Xiao, Y., Wang, G. A new method for measuring fuzziness of vague set (or intuitionistic fuzzy set) (2013) Journal of Intelligent and Fuzzy Systems, 25 (2), pp. 505-515.
580	387	Zhang, X., Deng, Y., Chan, F.T.S., Xu, P., Mahadevan, S., Hu, Y. IFSJSP: A novel methodology for the Job-Shop Scheduling Problem based on intuitionistic fuzzy sets (2013) International Journal of Production Research, 51 (17), pp. 5100-5119.
581	388	Zhang, X., Jin, F., Liu, P. A grey relational projection method for multi-attribute decision making based on intuitionistic trapezoidal fuzzy number (2013) Applied Mathematical Modelling, 37 (5), pp. 3467-3477.
582	389	Zhang, Y., Li, P., Wang, Y., Ma, P., & Su, X. (2013). Multiattribute Decision Making Based on Entropy under Interval-Valued Intuitionistic Fuzzy Environment. Mathematical Problems in Engineering, Volume 2013 (2013), Article ID 526871, 8 pages, http://dx.doi.org/10.1155/2013/526871
583	390	Zhang, Y., Wang, Y., Wang, J. Hesitant fuzzy linguistic multiple attribute decision making (2013) Proceedings of the 16th International Conference on Information Fusion, FUSION 2013, art. no. 6641165, pp. 1421-1426.
584	391	Zhang, Z. Generalized Atanassov's intuitionistic fuzzy power geometric operators and their application to multiple attribute group decision making (2013) Information Fusion, 14 (4), pp. 460-486.
585	392	Zhang, Z. Hesitant fuzzy power aggregation operators and their application to multiple attribute group decision making (2013) Information Sciences, 234, pp. 150-181.
586	393	Zhang, Z. Interval-valued intuitionistic hesitant fuzzy aggregation operators and their application in group decision-making (2013) Journal of Applied Mathematics, 2013, art. no. 670285, .
587	394	Zhang, Z., Chen, J., Hu, Y., Yang, J., Ye, Y., Chen, J. A dynamic fuzzy group decision making method for supplier selection (2013) Journal of Applied Sciences, 13 (14), pp. 2788-2794.
588	395	Zhang, Z., Wang, M., Hu, Y., Yang, J., Ye, Y., Li, Y. A dynamic interval-valued intuitionistic fuzzy sets applied to pattern recognition (2013) Mathematical Problems in Engineering, 2013, art. no. 408012, .
589	396	Zhang, Z., Xu, Z. On continuity of ordered aggregation operators (2013) International Journal of Intelligent Systems, 28 (4), pp. 307-318.
590	397	Zhang, Z., Yang, J., Ye, Y., Hu, Y., Zhang, Q. Some scoring functions of intuitionistic fuzzy sets with parameters and their application to multiple attribute decision making (2013) Journal of Computers (Finland), 8 (1), pp. 155-162.
591	398	Zhao Lingling, Dong Xianglei, Ma Peijun, Su Xiaohong, Shi Chunmei. A New Multi-sensor Track Association Approach Based on Intuitionistic Fuzzy Clustering. Advances in Information Technology. Communications in Computer and Information Science Volume 409, 2013, pp 256-266
592	399	Zhao, J., Pan, Z. Application of the fuzzy set with three kinds of negation FScom in the stock investment (2013) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 7995 LNCS, pp. 173-182.
593	400	Zhao, Q. The study on rotating machinery early fault diagnosis based on principal component analysis and fuzzy c-means algorithm (2013) Journal of Software, 8 (3), pp. 709-715.
594	401	Zhao, T., Xiao, J. Interval type-2 fuzzy rough sets based on inclusion measures (2013) Zidonghua Xuebao/Acta Automatica Sinica, 39 (10), pp. 1714-1721.
595	402	Zhao, T., Xiao, J. Type-2 fuzzy rough sets (2013) Kongzhi yu Juece/Control and Decision, 28 (3), pp. 385-390.
596	403	Zhao, X., Tang, S., Yang, S., Huang, K. Extended VIKOR method based on cross-entropy for interval-valued intuitionistic fuzzy multiple criteria group decision making (2013) Journal of Intelligent and Fuzzy Systems, 25 (4), pp. 1053-1066.
597	404	Zhao, X., Wei, G. Some intuitionistic fuzzy Einstein hybrid aggregation operators and their application to multiple attribute decision making (2013) Knowledge-Based Systems, 37, pp. 472-479.
598	405	Zhou, W., He, J.-M., Yu, D.-J. Accurate method of obtaining decision expert weights in intuitionistic fuzzy group decision making (2013) Kongzhi yu Juece/Control and Decision, 28 (5), pp. 716-720+725.

599	406	Zhou, X., Zhao, R., & Zhang, L. (2013, January). An Intuitionistic Fuzzy Neural Network with Triangular Membership Function. In: Proceedings of 2013 Chinese Intelligent Automation Conference. Lecture Notes in Electrical Engineering, Springer, Volume 254, 2013, pp 813-820
600	407	Zhou, X., Zhao, R., Shang, X., & Zhang, L. (2013). Intuitionistic Fuzzy Neural Networks based on Extended Kalman Filter Training algorithm. International Workshop on Cloud Computing and Information Security (CCIS 2013), pp. 328-331
601	408	Zhu, B., Xu, Z.S. Hesitant fuzzy Bonferroni means for multi-criteria decision making (2013) Journal of the Operational Research Society, 64 (12), pp. 1831-1840.
602	409	Zhu, H., Zhao, J., Xu, Y. IFI-ideals of lattice implication algebras (2013) International Journal of Computational Intelligence Systems, 6 (6), pp. 1002-1011.
54.	**Atanassov K., Intuitionistic fuzzy sets: past, present and future. Proc. of the Third Conf. of the European Society for Fuzzy Logic and Technology EUSFLAT' 2003, Zittau, 10-12 Sept. 2003, 12-19.**	
603		Albeanu, G. Towards intuitionistic fuzzy computational models of learning. The 9th International Scientific Conference eLearning and software for Education Bucharest, April 25-26, 2013, pp. 610-615. 10.12753/2066-026X-13-207
604		Anzilli, L. G. Facchinetti, G. Mastroleo. Evaluation and Ranking of Intuitionistic Fuzzy Quantities. Fuzzy Logic and Applications. Lecture Notes in Computer Science Volume 8256, 2013, pp 139-149
605		Badem, H. E. Yalçin, M. Güneş. Optimization of Intuitionistic Fuzzy Logic Edge Detection Algorithm via Otsu Method. Kahramanmaras Sutcu Imam University Journal of Engineering Sciences, Vol 15, No 2 (2012), 1-10.
606		Das, S., M. B. Kar, S. Kar. Group multi-criteria decision making using intuitionistic multi-fuzzy sets. Journal of Uncertainty Analysis and Applications 2013, 1:10. doi:10.1186/2195-5468-1-10.
607		Despi, I., D. Opris, E. Yalcin. Generalised Atanassov Intuitionistic Fuzzy Sets. eKNOW 2013, The Fifth International Conference on Information, Process, and Knowledge Management, February 24, 2013 to March 1, 2013, Nice, France, pp. 51-56.
608		Kaushik, A., A.K. Soni, R. Soni. Radial basis function network using intuitionistic fuzzy C means for software cost estimation. International Journal of Computer Applications in Technology. Volume 47, Number 1 /2013, Pages 86-95
609		Kumutha, V., S. Palaniammal. An emerging hybrid approach based on intuitionistic fuzzy c-means with intuitionistic particle swarm optimization for microarray data. 2013 International Conference on Optical Imaging Sensor and Security (ICOSS), 2-3 July 2013, Coimbatore, India, pp. 1-8.
610		Wygralak, M. Intelligent Counting Under Information Imprecision. Series "Studies in Fuzziness and Soft Computing", Volume 292, 2013.
55.	**Atanassov, K., Intuitionistic fuzzy sets and interval valued fuzzy sets. Proc. of First Int. Workshop on IFSs, GNs, KE, London, 6-7 Sept. 2006, 1-7**	
611	1	Takáč, Z. Inclusion and subsethood measure for interval-valued fuzzy sets and for continuous type-2 fuzzy sets, Fuzzy Sets and Systems, Volume 224, 1 August 2013, Pages 106–120
56.	**Atanassov K, Intuitionistic Fuzzy Sets: Theory and Applications. Springer Physica-Verlag, Heidelberg, 1999.**	
612	1	Akram, M., S.-G. Li, K.P. Shum. Antipodal bipolar fuzzy graphs. Italian Journal of Pure and Applied Mathematics, N° 31 – December 2013, pp. 97-110
613	2	Anzilli, L. G. Facchinetti, G. Mastroleo. Evaluation and Ranking of Intuitionistic Fuzzy Quantities. Fuzzy Logic and Applications. Lecture Notes in Computer Science Volume 8256, 2013, pp 139-149.
614	3	Asghari-Larimi, M. (2013). On ($\in,\in\vee$ qk)-Intuitionistic Fuzzy Ideals of Hemirings. World Applied Sciences Journal 21 (Special Issue of Applied Math): 54-67, 2013. ISSN 1818-4952
615	4	Bali, O., S. Gümüş, M. Dağdeviren. A group MADM method for personnel selection problem using Delphi technique based on intuitionistic fuzzy sets. Journal of Military and Information Science, Vol 1, No 1 (2013), 1-13.
616	5	Bartkova, R., Principal component analysis and factor analysis for IF data sets. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume I: Foundations. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 17-29.
617	6	Beg, I., T. Rashid, (May, 2013). Multi-criteria trapezoidal valued intuitionistic fuzzy decision making with Choquet integral based TOPSIS. OPSEARCH, 1-32. doi: 10.1007/s12597-013-0134-5

618	7	Biswas, R. Decoding the 'Progress' of Decision Making Process in the Human/Animal Cognition Systems while Evaluating the Membership Value μ(x). Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 21-53.
619	8	Bujnowski, M. P. Zastosowanie intuicjonistycznych zbiorów rozmytych do konstrukcji drzew decyzyjnych w zadaniach klasyfikacji. PhD thesis. Instytut Badań Systemowych Polskiej Akademii Nauk, Warszawa 2013.
620	9	Cuvalcioglu, G. On The Diagram Of One Type Modal Operators On Intuitionistic Fuzzy Sets: Last Expanding With Z_{\alpha,\beta}^{\omega,\theta}. Iranian Journal of Fuzzy Systems Vol. 10, No. 1, (2013) pp. 89-106.
621	10	Davvaz, B., M. Jafarzadeh. Rough intuitionistic fuzzy information systems. Fuzzy Information and Engineering , December 2013, Volume 5, Issue 4, pp 445-458
622	11	Das, S., M. B. Kar, S. Kar. Group multi-criteria decision making using intuitionistic multi-fuzzy sets. Journal of Uncertainty Analysis and Applications 2013, 1:10. doi:10.1186/2195-5468-1-10
623	12	Deschrijver, G. Implication Functions in Interval-Valued Fuzzy Set Theory. In: Advances in Fuzzy Implication Functions, Series "Studies in Fuzziness and Soft Computing", Vol. 300, Springer, 2013, 73-99.
624	13	Dey, S. T. K. Roy. Solution of an Engineering Design Optimization System: A General Fuzzy Programming Technique and Intuitionistic Fuzzy Optimization Technique. International Journal of Engineering Research & Technology (IJERT), Vol. 2 Issue 7, July - 2013, 478-498.
625	14	Drygas, P., On a class of operations on interval valued fuzzy sets. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume I: Foundations. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 67-83.
626	15	Dworniczak, P. The Application of the Intuitionistic Fuzzy Sets to the Evaluation of the Economic Development of Countries. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 66-80.
627	16	Dymova, L., Sevastjanov, P., & Tkacz, K. (2013, January). The Use of Intuitionistic Fuzzy Values in Rule-Base Evidential Reasoning. In Artificial Intelligence and Soft Computing, Lecture Notes in Computer Science, Springer, Volume 7894, 2013, pp 247-258
628	17	Ersoy, B. A., & Davvaz, B. (2013, February). Structure of Intuitionistic Fuzzy Sets in-Semihyperrings. In Abstract and Applied Analysis, Volume 2013 (2013), Article ID 560698, 9 pages http://dx.doi.org/10.1155/2013/560698, Hindawi Publishing Corporation.
629	18	Ersoy, B. A., Onar, S., Hila, K., & Davvaz, B. (2013). Some Properties of Intuitionistic Fuzzy Soft Rings. Journal of Mathematics, Volume 2013 (2013), Article ID 650480, 8 pages.http://dx.doi.org/10.1155/2013/650480
630	19	Ghosh, D., A. Pal. Use of Fuzzy Relational Maps and Intuitionistic Fuzzy Sets to Analyze Health Problem of Agricultural Labourers. Annals of Pure and Applied Mathematics, Vol. 5, No.1, 2013, 1-10
631	20	Gong, Z., Y. Lin, T. Yao. Uncertain Fuzzy Preference Relations and Their Applications. "Studies in Fuzziness and Soft Computing" Series, Vol. 281, Springer, 2013.
632	21	Gong, Z., & Zhang, X. Variable precision intuitionistic fuzzy rough sets model and its application. International Journal of Machine Learning and Cybernetics, April 2013, 1-18. doi: 10.1007/s13042-013-0162-8
633	22	Guo, J. (2013). Hybrid Multiattribute Group Decision Making Based on Intuitionistic Fuzzy Information and GRA Method. ISRN Applied Mathematics, Volume 2013 (2013), Article ID 146026, 10 pages. http://dx.doi.org/10.1155/2013/146026
634	23	Hila, K., S. Onar, B. Ali Ersoy, B. Davvaz. On generalized intuitionistic fuzzy subhyperalgebras of Boolean hyperalgebras. Journal of Inequalities and Applications 2013, 2013:501 doi:10.1186/1029-242X-2013-501
635	24	Ibrahim, A. M., Ejegwa, P. A., & show by example that Definition, W. (2013). Remark on Some Operations of Intuitionistic Fuzzy Sets. International Journal of Science and Technology Volume 2 No. 1, January, 2013, pp. 94-96.
636	25	Lata, N. Analysis of Fuzzy Fault Tree using Intuitionstic Fuzzy Numbers. International Journal of Computer Science & Engineering Technology, Vol. 4 No. 07 Jul 2013, pp. 918-924.
637	26	Lata, N. Evaluating Failure of a Refrigeration cycle using Triangular Intuitionstic Fuzzy Approach. Int. J. for Research in Applied Science and Engineering Technology. Vol. 1, 2013, Issue 4, 47-51.
638	27	Li, C. (2013). On intuitionistic fuzzy context-free languages. Journal of Applied Mathematics, Volume 2013 (2013), Article ID 825249, 16 pages. http://dx.doi.org/10.1155/2013/825249

639	28	Luo, D., & Xiao, J. (2013, July). Distance and Similarity between Intuitionistic Fuzzy Sets. 2013 IEEE International Conference on Mechanical and Automation Engineering (MAEE), 21-23 July 2013, Jiujang, pp. 157-160.
640	29	Mahapatra, G. S., T. K. Roy. Intuitionistic Fuzzy Number and Its Arithmetic Operation with Application on System Failure. Journal of Uncertain Systems, 7(2), 2013, 92-107.
641	30	Meena, K., & Thomas, K. V. (2013). Intuitionistic L-Fuzzy Rings. Global Journal of Science Frontier Research, Volume 12 Issue 14 Version 1.0 Year 2012. pp. 17-31
642	31	Michalikova, A., Some notes about boundaries on IF-sets. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume I: Foundations. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 105-111.
643	32	Mishra, S. N., A. Pal. Product of Interval Valued Intuitionistic fuzzy graph. Annals of Pure and Applied Mathematics, Vol. 5, No.1, 2013, 37-46.
644	33	Pekala, B., Some connections between interval-valued fuzzy connections. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume I: Foundations. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 113-127.
645	34	Rahman, S., & Saikia, H. K. (2013). Atanassov's intuitionistic fuzzy submodules with respect to a t-norm. Soft Computing, July 2013, Volume 17, Issue 7, pp 1253-1262.
646	35	Rahman, S., & Saikia, H. K. (2013). On the Definition of Intuitionistic Fuzzy h-ideals of Hemirings. Kyungpook Mathematical Journal. Sep2013, Vol. 53 Issue 3, pp. 435-457.
647	36	Resconi, G. Chapter 8: The Logic of Uncertainy and Geometry of the Worlds. In: Geometry of Knowledge for Intelligeny Systems, SCI 407, pp. 229-279, Springer, 2013.
648	37	Riecan, B., On the principal component analysis and the correlation coefficient. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume I: Foundations. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 129-137.
649	38	Saikia, B.K., H. Boruah, P.K. Das. Application of Intuitionistic Fuzzy Soft Matrices in Decision Making Problems. International Journal of Mathematics Trends and Technology. Vol. 4, 2013, Issue 11, 254-265.
650	39	Starczewski, J. T. Advanced concepts in fuzzy logic and systems with membership uncertainty. "Studies in Fuzziness and Soft Computing" Series, Vol. 284, Springer, 2013.
651	40	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013
652	41	Szmidt, E, J Kacprzyk. Geometric similarity measures for the intuitionistic fuzzy sets. 8th Conference of the European Society for Fuzzy Logic and Technology (EUSFLAT 2013), pp. 840-847.
653	42	Szmidt, E, J Kacprzyk. P. Bujnowski. The Kendall Rank Correlation between Intuitionistic Fuzzy Sets: An Extended Analysis. In: R. R. Yager, et. al. (Eds.) Soft Computing: State of the Art Theory, Series "Studies in Fuzziness and Soft Computing", Vol. 291, pp. 39-54.
654	43	Szmidt, E., Kacprzyk, J. ; Kukier, M. An extended numerical analysis of an intuitionistic fuzzy classifier for imbalanced classes. 2013 Joint IFSA World Congress and NAFIPS Annual Meeting (IFSA/NAFIPS), 24-28 June 2013, Edmonton, Canada, pp. 7-12
655	44	Thilagavathi, S. A study on intuitionistic fuzzy hypergraphs. PhD thesis, Vellalar College for Womean (Autonomous), Tamilnadu, India, June 2013.
656	45	Tsai, Hsu-Shen, Chao-Ming Hwang, Miin-Shen Yang. Exponential Inclusion, Similarity Measure and Entropy of Interval-valued Fuzzy Sets and Their Relationship. Journal of Pattern Recognition & Image Processing 4:4 (2013) 493-500
657	46	Tyagi, S. K., & Akram, M. Human Reliability Evaluation for Offshore Platform Musters Using Intuitionistic Fuzzy Sets. IEEE Transactions on Fuzzy Systems, Volume:21, Issue: 6, PP. 1115 - 1122.
658	47	Verma, R., B.D. Sharma. Some new results on intuitionistic fuzzy sets. Proceedings of the Jangjeon Mathematical Society. Vol. 16 (2013), No. 1, pp. 101-114.
659	48	Wang, J. Q., Wang, D. D., yu Zhang, H., & Chen, X. H. (2013). Multi-criteria outranking approach with hesitant fuzzy sets. OR Spectrum, 1-19.
660	49	Zeng, S., Baležentis, T., Chen, J., & Luo, G. (2013). A Projection Method for Multiple Attribute Group Decision Making with Intuitionistic Fuzzy Information. Informatica, 2013, Vol. 24, No. 3, 485–503.

661	50	Zhou, X., Zhao, R., & Zhang, L. (2013, January). An Intuitionistic Fuzzy Neural Network with Triangular Membership Function. In: Proceedings of 2013 Chinese Intelligent Automation Conference. Lecture Notes in Electrical Engineering, Springer, Volume 254, 2013, pp 813-820
662	51	Zhou, X., Zhao, R., Shang, X., & Zhang, L. (2013). Intuitionistic Fuzzy Neural Networks based on Extended Kalman Filter Training algorithm. International Workshop on Cloud Computing and Information Security (CCIS 2013), pp. 328-331
57.	**Atanassov K., Intuitionistic fuzzy systems, BUSEFAL, Vol. 58, 1994, 92-96.**	
663	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
58.	**Atanassov K., More on intuitionistic fuzzy sets, Fuzzy Sets and Systems, Vol. 33, No. 1, 1989, 37-46.**	
664		Beliakov, G., & James, S. (2013). On extending generalized Bonferroni means to Atanassov orthopairs in decision making contexts. Fuzzy sets and systems, 211, 84-98.
665		Biswas, SS, B Alam, MN Doja. Intuitionistic Fuzzy Real Time Multigraphs for Communication Networks: A Theoretical Model. AASRI Procedia, Volume 5, 2013, Pages 114–119
666		Bujnowski, M. P. Zastosowanie intuicjonistycznych zbiorów rozmytych do konstrukcji drzew decyzyjnych w zadaniach klasyfikacji. PhD thesis. Instytut Badań Systemowych Polskiej Akademii Nauk, Warszawa 2013.
667		Choubey, A., & Ravi, K. M. (2013). Minimization of Deterministic Finite Automata with Vague (Final) States and Intuitionistic Fuzzy (Final) States. Iranian Journal of Fuzzy Systems, Vol. 10, No. 1, (2013) pp. 75-88
668		Feng, L., Liu, Y., Li, C., Feng, C., & Shen, L. (2013). General vague rough approximation: an extended method of fuzzy knowledge representation. Journal of Experimental & Theoretical Artificial Intelligence, 25(1), 53-64. DOI:10.1080/0952813X.2012.660992
669		Garg, H. An approach for analyzing fuzzy system reliability using particle swarm optimization and intuitionistic fuzzy set theory (2013) Journal of Multiple-Valued Logic and Soft Computing, 21 (3-4), pp. 335-354.
670		Garg, H., M. Rani. An approach for reliability analysis of industrial systems using PSO and IFS technique. ISA Transactions, Elsevier, Volume 52, Issue 6, November 2013, Pages 701–710.
671		Gong, Z., & Zhang, X. Variable precision intuitionistic fuzzy rough sets model and its application. International Journal of Machine Learning and Cybernetics, April 2013, 1-18. doi: 10.1007/s13042-013-0162-8
672		Guo, J. (2013). Hybrid Multiattribute Group Decision Making Based on Intuitionistic Fuzzy Information and GRA Method. ISRN Applied Mathematics, Volume 2013 (2013), Article ID 146026, 10 pages. http://dx.doi.org/10.1155/2013/146026
673		Guo, K. (2013). Amount of information and attitudinal based method for ranking Atanassov's intuitionistic fuzzy values. IEEE Transactions on Fuzzy Systems, Issue: 99, doi: 10.1109/TFUZZ.2013.2249586
674		Huang, M., K. W. Li. A novel approach to characterizing hesitations in intuitionistic fuzzy numbers, Journal of Systems Science and Systems Engineering, September 2013, Volume 22, Issue 3, pp 283-294
675		Hung, K.-C., Lin, K.-P. Long-term business cycle forecasting through a potential intuitionistic fuzzy least-squares support vector regression approach (2013) Information Sciences, 224, pp. 37-48
676		Hung, K. C., & Wang, P. K. (2013). An Integrated Intuitionistic Fuzzy Similarity Measures for Medical Problems. International Journal of Computational Intelligence Systems, (ahead-of-print), 1-17. doi: 10.1080/18756891.2013.856259.
677		Jafarian, E., & Rezvani, M. A. (2013). A valuation-based method for ranking the intuitionistic fuzzy numbers. Journal of Intelligent and Fuzzy Systems, 24(1), 133-144.
678		Jiang, H. L., & Yao, H. X. (2013). Supplier Selection Based on FAHP-VIKOR-IVIFs. Applied Mechanics and Materials, Vol. 357-360, 2703-2707. doi: 10.4028/www.scientific.net/AMM.357-360.2703
679		Kuang, Q. (2013). Grey Relational Analysis Model for Comprehensive Evaluation on Risk Early-Warning for Enterprises Investment Project. Advanced Materials Research, 748, 1267-1272.
680		Lata, N. Analysis of Fuzzy Fault Tree using Intuitionstic Fuzzy Numbers. International Journal of Computer Science & Engineering Technology, Vol. 4 No. 07 Jul 2013, pp. 918-924.
681		Lata, N. Evaluating Failure of a Refrigeration cycle using Triangular Intuitionstic Fuzzy Approach. Int. J. for Research in Applied Science and Engineering Technology. Vol. 1, 2013, Issue 4, 47-51.

682		Li, Y., & Li, L. (2013, June). Intuitionistic fuzzy Choquet integrals and their application in modeling linguistic quantifiers. 2013 Joint IFSA World Congress and NAFIPS Annual Meeting (IFSA/NAFIPS), (pp. 315-320).
683		Li, J.Y., Xiao, Q. Grey relational analysis method for urban logistics (2013) Applied Mechanics and Materials, 321-324, pp. 3065-3068
684		Lin, K. (2013). A Novel Evolutionary Kernel Intuitionistic Fuzzy C-means Clustering Algorithm. IEEE Transactions on Fuzzy Systems, Issue: 99, doi: 10.1109/TFUZZ.2013.2280141
685		Lin, R., Zhao, X., Wei, G. Fuzzy number intuitionistic fuzzy prioritized operators and their application to multiple attribute decision making (2013) Journal of Intelligent and Fuzzy Systems, 24 (4), pp. 879-888
686		Liu, P. Some generalized dependent aggregation operators with intuitionistic linguistic numbers and their application to group decision making (2013) Journal of Computer and System Sciences, 79 (1), pp. 131-143
687		Liu, P. (2013). Some geometric aggregation operators based on interval intuitionistic uncertain linguistic variables and their application to group decision making. Applied Mathematical Modelling, Volume 37, Issue 4, 15 February 2013, Pages 2430–2444.
688		Liu, P., & Liu, Y. (2013). An Approach to Multiple Attribute Group Decision Making Based on Intuitionistic Trapezoidal Fuzzy Power Generalized Aggregation Operator. International Journal of Computational Intelligence Systems, (ahead-of-print, Published online: 06 Nov 2013), 1-14. DOI: 10.1080/18756891.2013.862357
689		Liu, S., Hu, D. Research on performance evaluation system of agricultural product logistics enterprises with hesitant fuzzy information (2013) Information (Japan), 16 (6 A), pp. 3309-3314
690		Liu, Y., Forrest, J., Liu, S.-F., Zhao, H.-H., Jian, L.-R. Dynamic multiple attribute grey incidence decision making mothed based on interval valued intuitionisitc fuzzy number (2013) Kongzhi yu Juece/Control and Decision, 28 (9), pp. 1303-1308+1321
691		Luo, Y., Li, X., Yang, Y., & Liu, Z. (2013). Some Models for Multiple Attribute Decision Making with Intuitionistic Fuzzy Information and Uncertain Weights. IJCSI International Journal of Computer Science Issues, Vol. 10, Issue 1, No 3, January 2013, pp. 262-266.
692		Mahapatra, G. S., T. K. Roy. Intuitionistic Fuzzy Number and Its Arithmetic Operation with Application on System Failure. Journal of Uncertain Systems, 7(2), 2013, 92-107.
693		Mao, J., Yao, D., & Wang, C. (2013). A novel cross-entropy and entropy measures of IFSs and their applications. Knowledge-Based Systems, Volume 48, August 2013, Pages 37–45
694		Mohan, J., Chandra, A. T. S., Krishnaveni, V., & Guo, Y. (2013). Image Denoising Based on Neutrosophic Wiener Filtering. In Advances in Computing and Information Technology. Series "Advances in Intelligent Systems and Computing", Volume 177, 2013, pp 861-869
695		Pal, N.R., Bustince, H., Pagola, M., Mukherjee, U.K., Goswami, D.P., Beliakov, G. Uncertainties with Atanassov's intuitionistic fuzzy sets: Fuzziness and lack of knowledge (2013) Information Sciences, 228, pp. 61-74
696		Park, J. H., Cho, H. J., & Kwun, Y. C. (2013). Extension of the VIKOR method to dynamic intuitionistic fuzzy multiple attribute decision making. Computers & Mathematics with Applications, Volume 65, Issue 4, February 2013, Pages 731–744.
697		Pingping Chi, and Peide Liu, Several Similarity Measures of Neutrosophic Sets. J. Neutrosophic Sets and Systems, Vol. 1, 2013, 63-70.
698		Qin, J., & Liu, X. (2013). Study on Interval Intuitionistic Fuzzy Multi-Attribute Group Decision Making Method based on Choquet Integral. Procedia Computer Science, 17, 465-472.
699		Rajarajeswari, P., N. Uma. Advanced Fuzzy Intuitionistic Logic Techniques in Image Processing. Indian Journal of Computational & Applied Mathematics, Volume 1, Issue 1, 2013, pp. 9-20.
700		Rajarajeswari, P., & Uma, N. (2013). Hausdroff Similarity Measures For Intuitionistic Fuzzy Multi Sets And Its Application In Medical Diagnosis. International Journal of Mathematical Archive-4(9), 2013, 106-111
701		Rajarajeswari, P., N. Uma. Intuitionistic Fuzzy Multi Relations. International Journal of Mathematical Archive-4(10), 2013, 244-249.
702		Rajarajeswari, P., N. Uma. On Distance and Similarity Measures of Intuitionistic Fuzzy Multi Set. IOSR Journal of Mathematics (IOSR-JM) e-ISSN: 2278-5728. Volume 5, Issue 4 (Jan. - Feb. 2013), PP 19-23
703		Samuel, E., A., Balamurugan, M. IFS with n-parameters in medical diagnosis (2013) International Journal of Pure and Applied Mathematics, 84 (3), pp. 185-192

704		Shaw, A.K., Roy, T.K. Trapezoidal Intuitionistic Fuzzy Number with some arithmetic operations and its application on reliability evaluation (2013) International Journal of Mathematics in Operational Research, 5 (1), pp. 55-73
705		Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
706		Tan, C. (2013). Research on Risk Assessment of Concentrating Solar Power with Intuitionistic Fuzzy Information. Journal of Computational Information Systems, 9(8), 2957-2963.
707		Tripathy, B. K., Jena, S. P., & Ghosh, S. K. An Intuitionistic fuzzy count and cardinality of Intuitionistic fuzzy sets. Malaya Journal of Matematik 4(1)(2013) 123–133
708		Tyagi, S. K., & Akram, M. Human Reliability Evaluation for Offshore Platform Musters Using Intuitionistic Fuzzy Sets. IEEE Transactions on Fuzzy Systems, Volume:21, Issue: 6, PP. 1115 - 1122.
709		Wang, F., Zeng, S., & Zhang, C. (2013). A Method Based on Intuitionistic Fuzzy Dependent Aggregation Operators for Supplier Selection. Mathematical Problems in Engineering, Volume 2013 (2013), Article ID 481202, 9 pages. http://dx.doi.org/10.1155/2013/481202
710		Wang, J. Q., Wang, D. D., yu Zhang, H., & Chen, X. H. (2013). Multi-criteria outranking approach with hesitant fuzzy sets. OR Spectrum, 1-19.
711		Wei, G. (2013). Some hesitant interval-valued fuzzy aggregation operators and their applications to multiple attribute decision making. Knowledge-Based Systems. Volume 46, July 2013, Pages 43–53
712		Wei, G., & Zhao, X. (2013). Induced hesitant interval-valued fuzzy Einstein aggregation operators and their application to multiple attribute decision making. Journal of Intelligent and Fuzzy Systems, 24(4), 789-803.
713		Wen, L., Wang, R., & Zhao, W. (2013). Supplier Selection Based on Intuitionistic Fuzzy Sets Group Decision Making. Research Journal of Applied Sciences, Engineering and Technology 5(3): 950-956, 2013
714		Wen, L., Xu, L., & Wang, R. Sustainable Supplier Evaluation Based on Intuitionistic Fuzzy Sets Group Decision Methods. Journal of Information & Computational Science 10:10 (2013) 3209–3220
715		Wu, H. Some operations on interval-valued intuitionistic fuzzy sets (2013) Proceedings - 2013 International Conference on Computational and Information Sciences, ICCIS 2013, art. no. 6643139, pp. 832-834
716		Wu, J., Chen, F., Nie, C., Zhang, Q. Intuitionistic fuzzy-valued Choquet integral and its application in multicriteria decision making (2013) Information Sciences, 222, pp. 509-527
717		Xiao, Q., & Li, J. Y. (2013). Grey Relational Analysis Method for Urban Logistics. Applied Mechanics and Materials, Volumes 321 - 324, 3065-3068. doi: 10.4028/www.scientific.net/AMM.321-324.3065
718		Xu, C., Zhang, P., Li, B., Wu, D., Fan, H. Vague C-means clustering algorithm (2013) Pattern Recognition Letters, 34 (5), pp. 505-510
719		Xu, Z., Zhang, X. Hesitant fuzzy multi-attribute decision making based on TOPSIS with incomplete weight information (2013) Knowledge-Based Systems, 52, pp. 53-64
720		Ye, J. (2013). Multiple attribute group decision-making methods with completely unknown weights in intuitionistic fuzzy setting and interval-valued intuitionistic fuzzy setting. Group Decision and Negotiation, March 2013, Volume 22, Issue 2, pp 173-188.
721		Yin, J.-S., Yan, Q.-P., Liu, L., Ma, Y.-F. Consistent fusion of traffic state decision information based on IFS (2013) Jiaotong Yunshu Xitong Gongcheng Yu Xinxi/Journal of Transportation Systems Engineering and Information Technology, 13 (3), pp. 71-77
722		Zhang, J. L., & Qi, X. W. (2013). Research on Multiple Attribute Decision Making under Hesitant Fuzzy Linguistic Environment with Application to Production Strategy Decision Making. Advanced Materials Research, Volumes 753 - 755, pp. 2829-2836. 10.4028/www.scientific.net/AMR.753-755.2829
723		Zhang, N., Wei, G. Extension of VIKOR method for decision making problem based on hesitant fuzzy set (2013) Applied Mathematical Modelling, 37 (7), pp. 4938-4947
724		Zhang, X., Jin, F., Liu, P. A grey relational projection method for multi-attribute decision making based on intuitionistic trapezoidal fuzzy number (2013) Applied Mathematical Modelling, 37 (5), pp. 3467-3477
725		Zhao, X., Wei, G. Some intuitionistic fuzzy Einstein hybrid aggregation operators and their application to multiple attribute decision making (2013) Knowledge-Based Systems, 37, pp. 472-479

726		Zhou, X., Zhao, R., & Zhang, L. (2013, January). An Intuitionistic Fuzzy Neural Network with Triangular Membership Function. In: Proceedings of 2013 Chinese Intelligent Automation Conference, Lecture Notes in Electrical Engineering, Springer, Volume 254, 2013, pp 813-820
727		Zhou, X., Zhao, R., Shang, X., & Zhang, L. (2013). Intuitionistic Fuzzy Neural Networks based on Extended Kalman Filter Training algorithm. International Workshop on Cloud Computing and Information Security (CCIS 2013), pp. 328-331
59.	**Atanassov, K., My personal view on intuitionistic fuzzy sets theory. In: H. Bustince et al. (Eds.) Fuzzy Sets and Their Extensions: Representation, Aggregation and Models, Studies in Fuzziness and Soft Computing, Vol. 220, Springer, Berlin, 2007, 25-46.**	
728	1	Huang, M., K. W. Li. A novel approach to characterizing hesitations in intuitionistic fuzzy numbers, Journal of Systems Science and Systems Engineering, September 2013, Volume 22, Issue 3, pp 283-294
729	2	Rahman, S., & Saikia, H. K. (2013). Atanassov's intuitionistic fuzzy submodules with respect to a t-norm. Soft Computing, July 2013, Volume 17, Issue 7, pp 1253-1262.
730	3	Xu, Z. H. Liao. Intuitionistic Fuzzy Analytic Hierarchy Process, IEEE Transactions on Fuzzy Systems, Issue: 99, 2013, doi: 10.1109/TFUZZ.2013.2272585.
60.	**Atanassov K., New operations, defined over the intuitionistic fuzzy sets. Fuzzy Sets and Systems, Vol. 61 (1994), No. 2, 137-142.**	
731	1	Asghari-Larimi, M. (2013). On ($\in,\in\vee$ qk)-Intuitionistic Fuzzy Ideals of Hemirings. World Applied Sciences Journal 21 (Special Issue of Applied Math): 54-67, 2013. ISSN 1818-4952
732	2	Beliakov, G., & James, S. (2013). On extending generalized Bonferroni means to Atanassov orthopairs in decision making contexts. Fuzzy sets and systems, 211, 84-98.
733	3	Bujnowski, M. P. Zastosowanie intuicjonistycznych zbiorów rozmytych do konstrukcji drzew decyzyjnych w zadaniach klasyfikacji. PhD thesis. Instytut Badań Systemowych Polskiej Akademii Nauk, Warszawa 2013.
734	4	Das, S., M. B. Kar, S. Kar. Group multi-criteria decision making using intuitionistic multi-fuzzy sets. Journal of Uncertainty Analysis and Applications 2013, 1:10. doi:10.1186/2195-5468-1-10
735	5	Davvaz, B., Abdulmula, K.S., Salleh, A.R. Atanassov's intuitionistic fuzzy hyperrings (rings) based on intuitionistic fuzzy universal sets (2013) Journal of Multiple-Valued Logic and Soft Computing, 21 (3-4), pp. 407-438
736	6	Davvaz, B., Hassani Sadrabadi, E., Cristea, I. Atanassov's intuitionistic fuzzy grade of i.p.s. hypergroups of order 7 (2013) Journal of Multiple-Valued Logic and Soft Computing, 20 (5-6), pp. 467-506
737	7	Dymova, L., Sevastjanov, P., & Tkacz, K. (2013, January). The Use of Intuitionistic Fuzzy Values in Rule-Base Evidential Reasoning. In Artificial Intelligence and Soft Computing, Lecture Notes in Computer Science, Springer, Volume 7894, 2013, pp 247-258
738	8	Ersoy, B.A., Davvaz, B. Atanassov's intuitionistic fuzzy ?-hyperideals of ?-semihypergroups (2013) Journal of Intelligent and Fuzzy Systems, 25 (2), pp. 463-470
739	9	Ersoy, B. A., & Davvaz, B. (2013, February). Structure of Intuitionistic Fuzzy Sets in-Semihyperrings. In Abstract and Applied Analysis, Volume 2013 (2013), Article ID 560698, 9 pages http://dx.doi.org/10.1155/2013/560698, Hindawi Publishing Corporation.
740	10	Ghosh, D., A. Pal. Use of Fuzzy Relational Maps and Intuitionistic Fuzzy Sets to Analyze Health Problem of Agricultural Labourers. Annals of Pure and Applied Mathematics, Vol. 5, No.1, 2013, 1-10
741	11	Gong, Z., & Zhang, X. Variable precision intuitionistic fuzzy rough sets model and its application. International Journal of Machine Learning and Cybernetics, April 2013, 1-18. doi: 10.1007/s13042-013-0162-8
742	12	Guo, J. (2013). Hybrid Multiattribute Group Decision Making Based on Intuitionistic Fuzzy Information and GRA Method. ISRN Applied Mathematics, Volume 2013 (2013), Article ID 146026, 10 pages. http://dx.doi.org/10.1155/2013/146026
743	13	Hashemi, H., Bazargan, J., Mousavi, S.M. A Compromise Ratio Method with an Application to Water Resources Management: An Intuitionistic Fuzzy Set (2013) Water Resources Management, 27 (7), pp. 2029-2051
744	14	Hedayati, H. On filters of R0-algebras connected to intuitionistic fuzzy sets (2013) Journal of Intelligent and Fuzzy Systems, 25 (3), pp. 587-593
745	15	Hila, K., S. Onar, B. Ali Ersoy, B. Davvaz. On generalized intuitionistic fuzzy subhyperalgebras of Boolean hyperalgebras. Journal of Inequalities and Applications 2013, 2013:501 doi:10.1186/1029-242X-2013-501

746	16	Hui, W. (2013, June). Some Operations on Interval-Valued Intuitionistic Fuzzy Sets. Proc. of 2013 Fifth IEEE International Conference on Computational and Information Sciences (ICCIS), Shiyang, 21-23 June 2013 (pp. 832-834).
747	17	Ibrahim, A. M., Ejegwa, P. A., & show by example that Definition, W. (2013). Remark on Some Operations of Intuitionistic Fuzzy Sets. International Journal of Science and Technology Volume 2 No. 1, January, 2013, pp. 94-96.
748	18	Ismail, W. K. W., & Abdullah, L. (2013, April). A new cosine similarity measure for interval-valued intuitionistic fuzzy sets and their applications. In AIP Conference Proceedings (Vol. 1522, p. 292).
749	19	Maldonado-Macías, A., Alvarado, A., García, J. L., & Balderrama, C. O. (2013). Intuitionistic fuzzy TOPSIS for ergonomic compatibility evaluation of advanced manufacturing technology. The International Journal of Advanced Manufacturing Technology, November 2013, doi: 10.1007/s00170-013-5444-5
750	20	Meena, K., & Thomas, K. V. (2013). Intuitionistic L-Fuzzy Rings. Global Journal of Science Frontier Research, Volume 12 Issue 14 Version 1.0 Year 2012. pp. 17-31
751	21	Menshawy, A. M. (2013). Fuzzy Medial Ideals Characterized by its Intuitionistic. International Journal of Algebra, International Journal of Algebra, Vol. 7, 2013, no. 10, 479 - 486
752	22	Pal, N.R., Bustince, H., Pagola, M., Mukherjee, U.K., Goswami, D.P., Beliakov, G. Uncertainties with Atanassov's intuitionistic fuzzy sets: Fuzziness and lack of knowledge (2013) Information Sciences, 228, pp. 61-74
753	23	Papageorgiou, E.I., Iakovidis, D.K. Intuitionistic fuzzy cognitive maps (2013) IEEE Transactions on Fuzzy Systems, 21 (2), art. no. 6275486, pp. 342-354
754	24	Papakostas, G.A., Hatzimichailidis, A.G., Kaburlasos, V.G. Distance and similarity measures between intuitionistic fuzzy sets: A comparative analysis from a pattern recognition point of view (2013) Pattern Recognition Letters, 34 (14), pp. 1609-1622
755	25	Park, J. H., Cho, H. J., & Kwun, Y. C. (2013). Extension of the VIKOR method to dynamic intuitionistic fuzzy multiple attribute decision making. Computers & Mathematics with Applications, Volume 65, Issue 4, February 2013, Pages 731–744.
756	26	Park, J.-H., Hwang, J.-H., Park, W.-J., Wei, H., Lee, S.-H. Similarity measure on intuitionistic fuzzy sets (2013) Journal of Central South University, 20 (8), pp. 2233-2238
757	27	Rahman, S., & Saikia, H. K. (2013). Atanassov's intuitionistic fuzzy submodules with respect to a t-norm. Soft Computing, July 2013, Volume 17, Issue 7, pp 1253-1262.
758	28	Rahman, S., & Saikia, H. K. (2013). On the Definition of Intuitionistic Fuzzy h-ideals of Hemirings. Kyungpook Mathematical Journal. Sep2013, Vol. 53 Issue 3, pp. 435-457.
759	29	Rahman, S., Saikia, H.K., Davvaz, B. On the definition of Atanassov's intuitionistic fuzzy subrings and ideals (2013) Bulletin of the Malaysian Mathematical Sciences Society, 36 (2), pp. 401-418.
760	30	Samuel, E., A., Balamurugan, M. IFS with n-parameters in medical diagnosis (2013) International Journal of Pure and Applied Mathematics, 84 (3), pp. 185-192
761	31	Sardar, S.K., Pal, P., Majumder, S.K., Das, P. Atanassov's intuitionistic fuzzy ideals of po-?semigroups (2013) Kragujevac Journal of Mathematics, 37 (1), pp. 87-101
762	32	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
763	33	Thilagavathi, S. A study on intuitionistic fuzzy hypergraphs. PhD thesis, Vellalar College for Womean (Autonomous), Tamilnadu, India, June 2013.
764	34	Tripathy, B. K., Jena, S. P., & Ghosh, S. K. An Intuitionistic fuzzy count and cardinality of Intuitionistic fuzzy sets. Malaya Journal of Matematik 4(1)(2013) 123–133
765	35	Verma, R., & Sharma, B. D. (2013). Exponential entropy on intuitionistic fuzzy sets. Kybernetika, vol. 49 (2013), issue 1, pp. 114-127
766	36	Wang, W., & Liu, X. (2013). Some Operations Over Atanassov's Intuitionistic Fuzzy Sets Based On Einstein T-Norm And T-Conorm. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 21(02), 263-276.
767	37	Wang, F., Zeng, S., & Zhang, C. (2013). A Method Based on Intuitionistic Fuzzy Dependent Aggregation Operators for Supplier Selection. Mathematical Problems in Engineering, Volume 2013 (2013), Article ID 481202, 9 pages. http://dx.doi.org/10.1155/2013/481202
768	38	Wu, H. Some operations on interval-valued intuitionistic fuzzy sets (2013) Proceedings - 2013 International Conference on Computational and Information Sciences, ICCIS 2013, art. no. 6643139, pp. 832-834

769	39	Xu, W. H., Liu, S. H., & Yu, F. S. (2013). Knowledge Reduction in Lattice-Valued Information Systems with Interval-Valued Intuitionistic Fuzzy Decision. International Journal on Artificial Intelligence Tools, Volume 22, Issue 01, February 2013 [29 pages] DOI: 10.1142/S0218213012500303
770	40	Xu, Y., Li, Y., & Wang, H. (2013). The induced intuitionistic fuzzy Einstein aggregation and its application in group decision-making. Journal of Industrial and Production Engineering, Volume 30, Issue 1, 2013, 2-14. doi: 10.1080/10170669.2012.745454
771	41	Yang, C.-F. Intuitionistic fuzzy soft rings and intuitionistic fuzzy soft ideals (2013) Journal of Computational Analysis and Applications, 15 (2), pp. 316-326
772	42	Yaqoob, N., Khan, M., Akram, M., Khan, A. Interval valued intuitionistic (s?, t?)-fuzzy ideals of ternary semigroups (2013) Indian Journal of Science and Technology, 6 (11), pp. 5418-5428
773	43	Ye, J. (2013). Multiple attribute group decision-making methods with completely unknown weights in intuitionistic fuzzy setting and interval-valued intuitionistic fuzzy setting. Group Decision and Negotiation, March 2013, Volume 22, Issue 2, pp 173-188.
774	44	Zhang, L., Qing, C. Hybrid-context-aware web service selection approach (2013) Journal of Internet Technology, 14 (1), pp. 57-70
775	45	Zhang, L., Yang, Y. Dynamic web service selection group decision-making method based on hybrid QoS (2013) International Journal of High Performance Computing and Networking, 7 (3), pp. 215-226
776	46	Zhang, L.-C. Group decision making for hybrid QoS-aware web service composition (2013) Beijing Youdian Daxue Xuebao/Journal of Beijing University of Posts and Telecommunications, 36 (1), pp. 27-30.
61.	**Atanassov K., Norms and metrics over intuitionistic fuzzy logics. BUSEFAL, Vol. 59, 1994, 49-58.**	
777	1	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
62.	**Atanassov, K. Norms and metrics over intuitionistic fuzzy sets (1993) Busefal, 55, pp. 11-20.**	
778	1	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
63.	**Atanassov K., On a generalization of the Fibonacci sequence in the case of three sequences. The Fibonacci Quarterly Vol. 27 (1989), No. 1, 7-10.**	
779	1	Harne, S., B. Singh, G. K. Chhabra, M. S. Teeth. Generalization of Fibonacci Sequence in Case of Four Sequences. Int. J. Contemp. Math. Sciences, Vol. 8, 2013, no. 9, 411 - 416.
780	2	Godase, A. D. Recurrent Formulas Of The Generalized Fibonacci Sequences Of Fifth Order. International Journal of Mathematical Archive-4(6), 2013, 61-67.
64.	**Atanassov, K., On a new hierarchical operator over the generalized nets, Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol. 3, 2006, 29–34.**	
781	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
65.	**Atanassov K., On a second new generalization of the Fibonacci sequence. The Fibonacci Quarterly Vol. 24 (1986), No. 4, 362-365.**	
782	1	Godase. A. D. Fundamental Properties Of Multiplicative Coupled Fibonacci Sequences Of Fourth Order Under Two Specific Schemes. International Journal of Mathematical Archive, Vol 4, No 6 (2013), 61-67.
783	2	Harne, S., B. Singh, G. K. Chhabra, M. S. Teeth. Generalization of Fibonacci Sequence in Case of Four Sequences. Int. J. Contemp. Math. Sciences, Vol. 8, 2013, no. 9, 411 - 416
66.	**Atanassov, K. On Generalized Nets Theory. Prof. M. Drinov Academic Publ. House, Sofia, 2007.**	
784	1	Andonov, V. On some properties of the operations and relations over generalized nets. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 89-96.
785	2	Andonov, V. The transfer of tokens in generalized nets with tokens duration of life. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume II: Applications. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 1-9.
786	3	Erbakanov, L. S. Sotirov. Modeling the work of the motion tracking using MEMS accelerometer. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 193-200.

787	4	Georgieva, V. Generalized Net Model of the Process of Fresh Water Treatment. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 163-172
788	5	Gocheva, P., S. Sotirov, V. Gochev. Implementation of Generalized Nets Models of Feedforward Neural Networks. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 125-135.
789	6	Kosev, K., V. Ivanov, A. Ananiev, P. Denev, O. Roeva. Generalized net model of interval mapping QTL analysis. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 136-142.
790	7	Koycheva, E. Entwurfsbegleitende Leistungsanalyse mit UML, MARTE und Generalisierten Netzen, Oldenbourg Velag, Munchen, 2013.
791	8	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
792	9	Mihailov, I. Generalized net model for describing some banking activities. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume II: Applications. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 111-118.
793	10	Mihailov, I. S. Sotirov, M. Krawczak. Generalized net model of the process obtaining credit risk assessment with neural network. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 107-117.
794	11	Panayotov, H. A generalized net model of transaction workflow in GSM based station for e-commerce. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 152-162.
795	12	Pencheva, T., O. Roeva, V. Atanassova, M. Angelova. Generalized Net Model of the lac Operon. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 183-192.
796	13	Surchev, S., S. Sotirov. Modelling the process of color recognition using multilayer neural network. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 143-151.
797	14	Todorova, L. P. Vassilev, V. Ignatova. A Generalized net model for assessment of the degree of disability in patients with multiple sclerosis based on the abnormalities of visual evoked potentials. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 173-182.
798	15	Todorova, M. Correctness of the formal generalized net project of the connections between procedural program functions. Proceedings of the Jangjeon Mathematical Society. Vol. 16 (2013), No. 3, pp. 353-357. ISSN 1598-7264, ISBN 89-87809-15-3
67.	**Atanassov, K. On intuitionistic fuzzy implication $\rightarrow^{\varepsilon}$ and intuitionistic fuzzy negation $\neg^{\varepsilon}$. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol. 6, 2008, 6-19.**	
799	1	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
68.	**Atanassov, K. On intuitionistic fuzzy implication $\rightarrow^{\varepsilon,\eta}$ and intuitionistic fuzzy negation $\neg^{\varepsilon,\eta}$. Developments in Fuzzy Sets, Intuitionistic Fuzzy Sets and Generalized Nets and Related Topics, Vol. 1: Foundations, 2008, 1-10.**	
800	1	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
69.	**Atanassov, K. On intuitionistic fuzzy negations. In Computational Intelligence, Theory and Applications Vol. 38, 2006, pp. 159-167. Springer Berlin Heidelberg.**	
801	1	Jia, X., Song, L., Li, W., & Hu, H. The hierarchical structure analysis of intuitionistic fuzzy tolerance relations. International Journal of Granular Computing, Rough Sets and Intelligent Systems, 3(2), 2013, 117-129.
802	2	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
803	3	Tripathy, B. K., Satapathy, M. K., & Choudhury, P. K. (2013). Intuitionistic Fuzzy Lattices and Intuitionistic Fuzzy Boolean Algebras. International Journal of Engineering and Technology, Vol 5 No 3 Jun-Jul 2013, 2352-2361.
70.	**Atanassov, K., On Intuitionistic Fuzzy Sets Theory, Springer, Berlin, 2012.**	
804	1	Akram, M., Shahzad, S., Butt, A., & Khaliq, A. (2013). Intuitionistic Fuzzy Logic Control for Heater Fans. Mathematics in Computer Science, September 2013, Volume 7, Issue 3, pp 367-378.
805	2	Anzilli, L. G. Facchinetti, G. Mastroleo. Evaluation and Ranking of Intuitionistic Fuzzy Quantities. Fuzzy Logic and Applications. Lecture Notes in Computer Science Volume 8256, 2013, pp 139-149.

806	3	Biswas, R. Decoding the 'Progress' of Decision Making Process in the Human/Animal Cognition Systems while Evaluating the Membership Value μ(x). Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 21-53.
807	4	Bujnowski, M. P. Zastosowanie intuicjonistycznych zbiorów rozmytych do konstrukcji drzew decyzyjnych w zadaniach klasyfikacji. PhD thesis. Instytut Badań Systemowych Polskiej Akademii Nauk, Warszawa 2013.
808	5	Chen, L, C Tu. Dual bipolar measures of Atanassov's intuitionistic fuzzy sets. IEEE Transactions on Fuzzy Systems. 2013, Issue: 99, pp. 1
809	6	Dias, SB, JA Diniz. FuzzyQoI model: A fuzzy logic-based modelling of users' quality of interaction with a learning management system under blended learning. Computers & Education, Volume 69, November 2013, Pages 38–59
810	7	Liao, H., Z Xu, M Xia. Multiplicative consistency of hesitant fuzzy preference relation and its application in group decision making. Journal of Information Technology & Decision Making, 2013, World Scientific. DOI: 10.1142/S0219622014500035
811	8	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013
812	9	Szmidt, E, J Kacprzyk. Geometric similarity measures for the intuitionistic fuzzy sets. 8th Conference of the European Society for Fuzzy Logic and Technology (EUSFLAT 2013), pp. 840-847.
813	10	Szmidt, E., Kacprzyk, J. ; Kukier, M. An extended numerical analysis of an intuitionistic fuzzy classifier for imbalanced classes. 2013 Joint IFSA World Congress and NAFIPS Annual Meeting (IFSA/NAFIPS), 24-28 June 2013, Edmonton, Canada, pp. 7-12.
814	11	Xu, Z. H. Liao. Intuitionistic Fuzzy Analytic Hierarchy Process, IEEE Transactions on Fuzzy Systems, Issue: 99, 2013, doi: 10.1109/TFUZZ.2013.2272585
815	12	Xu, D., Z Xu, S Liu, H Zhao, A spectral clustering algorithm based on intuitionistic fuzzy information. Knowledge-Based Systems, Volume 53, November 2013, Pages 20–26
816	13	Yager, R., Pythagorean Membership Grades in Multi-Criteria Decision Making.IEEE Transactions on Fuzzy Systems, 2013, Issue: 99, p. 1.
817	14	Yager, R.R. Pythagorean fuzzy subsets. 2013 Joint IFSA World Congress and NAFIPS Annual Meeting (IFSA/NAFIPS), 24-28 June 2013, Edmonton, Canada, pp. 57 - 61.
818	15	Yager, RR, AM Abbasov. Pythagorean membership grades, complex numbers, and decision making.International Journal of Intelligent Systems, Volume 28, Issue 5, pages 436–452, May 2013.
71.	**Atanassov K., On the concept "Generalized net", AMSE Review Vol. 1 (1984), No. 3, 39-48.**	
819	1	Koycheva, E. Entwurfsbegleitende Leistungsanalyse mit UML, MARTE und Generalisierten Netzen, Oldenbourg Velag, Munchen, 2013.
820	2	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
72.	**Atanassov K., On the geometric interpretations of the intuitionistic fuzzy logical objects. Part I. BUSEFAL, Vol. 60, 1994, 48-50.**	
821	1	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
73.	**Atanassov K., On the geometric interpretations of the intuitionistic fuzzy logical objects. Part II. BUSEFAL, Vol. 60, 1994, 51-54.**	
822	1	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
74.	**Atanassov K., On the geometric interpretations of the intuitionistic fuzzy logical objects. Part III. BUSEFAL, Vol. 60, 1994, 55-59.**	
823	1	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
75.	**Atanassov, K., On the intuitionistic fuzzy implications and negations. Part 1. In:- 35 Years of Fuzzy Set Theory - Celebratory Volume Dedicated to the Retirement of Etienne E. Kerre (C. Cornelis at al., Eds.), Springer, Berlin, 2010, 19-38.**	
824	1	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.

76.	**Atanassov, K. On the type of intuitionistic fuzzy modal operators, Notes on Intuitionistic Fuzzy Sets, 11(5) (2005), 24-28.**	
825	1	Cuvalcioglu, G. On The Diagram Of One Type Modal Operators On Intuitionistic Fuzzy Sets: Last Expanding With Z_{\alpha,\beta}^{\omega,\theta}. Iranian Journal of Fuzzy Systems Vol. 10, No. 1, (2013) pp. 89-106.
77.	**Atanassov K., Operators over interval valued intuitionistic fuzzy sets, Fuzzy Sets and Systems, Vol. 64, 1994, No. 2, 159-174.**	
826	1	Bahramloo, M., & Hoseini, M. (2013). A multiple criteria decision making for raking alternatives using preference relation matrix based on intuitionistic fuzzy sets. Decision Science Letters, Volume 2 Issue 4 pp. 281-286, 2013.
827	2	Beg, I., T. Rashid, (May, 2013). Multi-criteria trapezoidal valued intuitionistic fuzzy decision making with Choquet integral based TOPSIS. OPSEARCH, 1-32. doi: 10.1007/s12597-013-0134-5
828	3	Chen, L. H., & Tu, C. C. (2013). Dominance-Based Ranking Functions for Interval-Valued Intuitionistic Fuzzy Sets. IEEE Transactions on Cybernetics, 2013, Issue: 99, doi: 10.1109/TCYB.2013.2281837
829	4	Chen, T. Y. (2013). Data construction process and QUALIFLEX-based method for multiple-criteria group decision making with interval-valued intuitionistic fuzzy sets. International Journal of Information Technology & Decision Making, Volume 12, Issue 03, May 2013, 425-467.
830	5	Chen, T. Y. (2013). The extended linear assignment method for multiple criteria decision analysis based on interval-valued intuitionistic fuzzy sets. Applied Mathematical Modelling. (in press, available online since 26 October 2013) doi: http://dx.doi.org/10.1016/j.apm.2013.10.017
831	6	Gunduz, C., Bayramov, S. (2013). Some Results on Fuzzy Soft Topological Spaces. Mathematical Problems in Engineering, Volume 2013 (2013), Article ID 835308, 10 pages. http://dx.doi.org/10.1155/2013/835308
832	7	Guo, K. Amount of information and attitudinal based method for ranking Atanassov's intuitionistic fuzzy values. IEEE Transactions on Fuzzy Systems, Issue 99, 2013, doi: 10.1109/TFUZZ.2013.2249586
833	8	Guo, J. (2013). Hybrid Multiattribute Group Decision Making Based on Intuitionistic Fuzzy Information and GRA Method. ISRN Applied Mathematics, Volume 2013 (2013), Article ID 146026, 10 pages. http://dx.doi.org/10.1155/2013/146026
834	9	Hui, W. (2013, June). Some Operations on Interval-Valued Intuitionistic Fuzzy Sets. Proc. of 2013 Fifth IEEE International Conference on Computational and Information Sciences (ICCIS), Shiyang, 21-23 June 2013 (pp. 832-834).
835	10	Ismail, W. K. W., & Abdullah, L. (2013, April). A new cosine similarity measure for interval-valued intuitionistic fuzzy sets and their applications. In AIP Conference Proceedings (Vol. 1522, p. 292).
836	11	Khan, N., Khan, F. H., & Thakur, G. S. (2013). Weighted Fuzzy Soft Matrix Theory and its Decision Making. International Journal, Volume 2, No.10, October 2013, pp. 214-218.
837	12	Liu, P. (2013). Some geometric aggregation operators based on interval intuitionistic uncertain linguistic variables and their application to group decision making. Applied Mathematical Modelling, Volume 37, Issue 4, 15 February 2013, Pages 2430–2444.
838	13	Liu, P. (2013). Some Hamacher aggregation operators based on the interval-valued intuitionistic fuzzy numbers and their application to Group Decision Making. IEEE Transactions on Fuzzy Systems, Issue: 99, doi: 10.1109/TFUZZ.2013.2248736
839	14	Liu, P. Some generalized dependent aggregation operators with intuitionistic linguistic numbers and their application to group decision making (2013) Journal of Computer and System Sciences, 79 (1), pp. 131-143.
840	15	Liu, P., & Liu, Y. (2013). An Approach to Multiple Attribute Group Decision Making Based on Intuitionistic Trapezoidal Fuzzy Power Generalized Aggregation Operator. International Journal of Computational Intelligence Systems, Taylor and Francis, (ahead-of-print), 1-14. DOI: 10.1080/18756891.2013.862357
841	16	Liu, Y., Forrest, J., Liu, S.-F., Zhao, H.-H., Jian, L.-R. Dynamic multiple attribute grey incidence decision making mothed based on interval valued intuitionisitc fuzzy number (2013) Kongzhi yu Juece/Control and Decision, 28 (9), pp. 1303-1308+1321
842	17	Meng, F., Cheng, H., & Zhang, Q. (2013). Induced Atanassov's interval-valued intuitionistic fuzzy hybrid Choquet integral operators and their application in decision making. International Journal of Computational Intelligence Systems, Taylor and Francis (ahead-of-print), 1-19, doi: 10.1080/18756891.2013.865402

843	18	Meng, F., & Tang, J. (2013). Interval□Valued Intuitionistic Fuzzy Multiattribute Group Decision Making Based on Cross Entropy Measure and Choquet Integral. International Journal of Intelligent Systems, Volume 28, Issue 12, pages 1172–1195, December 2013.
844	19	Meng, F., Zhang, Q., Cheng, H. Approaches to multiple-criteria group decision making based on interval-valued intuitionistic fuzzy Choquet integral with respect to the generalized ?-Shapley index (2013) Knowledge-Based Systems, 37, pp. 237-249
845	20	Pal, N.R., Bustince, H., Pagola, M., Mukherjee, U.K., Goswami, D.P., Beliakov, G. Uncertainties with Atanassov's intuitionistic fuzzy sets: Fuzziness and lack of knowledge (2013) Information Sciences, 228, pp. 61-74
846	21	Pingping Chi, and Peide Liu, Several Similarity Measures of Neutrosophic Sets. J. Neutrosophic Sets and Systems, Vol. 1, 2013, 63-70.
847	22	Reiser, R. H., & Bedregal, B. (2013). Interval-valued intuitionistic fuzzy implications-construction, properties and representability. Information Sciences, Volume 248, 1 November 2013, Pages 68–88.
848	23	Sujit Das, Samarjit Kar. Intuitionistic Multi Fuzzy Soft Set and its Application in Decision Making. Pattern Recognition and Machine Intelligence. Lecture Notes in Computer Science Volume 8251, 2013, pp 587-592.
849	24	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
850	25	Wang, C., Qu, A. Entropy, similarity measure and distance measure of vague soft sets and their relations (2013) Information Sciences, 244, pp. 92-106
851	26	Wang, W., & Liu, X. (2013). An Extended LINMAP Method for Multi-Attribute Group Decision Making under Interval-Valued Intuitionistic Fuzzy Environment. Procedia Computer Science, Volume 17, 2013, Pages 490–497.
852	27	Wang, W., & Liu, X. Interval-valued intuitionistic fuzzy hybrid weighted averaging operator based on Einstein operation and its application to decision making. Journal of Intelligent and Fuzzy Systems. Volume 25, Number 2 / 2013, pp. 279-290.
853	28	Wang, W., & Liu, X. (2013). The multi-attribute decision making method based on interval-valued intuitionistic fuzzy Einstein hybrid weighted geometric operator. Computers & Mathematics with Applications, Volume 66, Issue 10, December 2013, Pages 1845–1856.
854	29	Wang, Y. C., Ao, Z. G., Gong, Y. X., Jiang, Y. Y., & Zhao, T. X. (2013). Based on Interval-Valued Intuitionistic Fuzzy Information of Joint Operations Commander and Staff Ability Assessment. Advanced Materials Research, (Volumes 756 - 759), 4694-4698, doi: 10.4028/www.scientific.net/AMR.756-759.4694
855	30	Wang, Y., Sun, J., & Chen, M. (2013). Interval-valued intuitionistic fuzzy rough sets based on coverings. Jisuanji Gongcheng yu Yingyong(Computer Engineering and Applications), 49(2).
856	31	Wei, G., Zhao, X., Lin, R. (2013). Some hesitant interval-valued fuzzy aggregation operators and their applications to multiple attribute decision making. Knowledge-Based Systems. Volume 46, July 2013, Pages 43–53
857	32	Wu, H. Some operations on interval-valued intuitionistic fuzzy sets (2013) Proceedings - 2013 International Conference on Computational and Information Sciences, ICCIS 2013, art. no. 6643139, pp. 832-834
858	33	Xu, Z., Zhang, X. Hesitant fuzzy multi-attribute decision making based on TOPSIS with incomplete weight information (2013) Knowledge-Based Systems, 52, pp. 53-64
859	34	Yang, W. (2013). New similarity measures for soft sets and their application. Fuzzy Information and Engineering, March 2013, Volume 5, Issue 1, pp 19-25.
860	35	Yaqoob, N. (2013). Interval Valued Intuitionistic Fuzzy Ideals of Regular LA-Semigroups. Thai Journal of Mathematics. Vol 11, No 3 (2013), pp. 683 - 695.
861	36	Yaqoob, N., Khan, M., Akram, M., & Khan, A. (2013). Interval Valued Intuitionistic $(\overline{\in}, \overline{\in})$-Fuzzy Ideals of Ternary Semigroups. Indian Journal of Science & Technology, Vol. 6 Issue 11, pp. 5418-5428.
862	37	Yue, Z., & Jia, Y. (2013). A method to aggregate crisp values into interval-valued intuitionistic fuzzy information for group decision making. Applied Soft Computing.Volume 13, Issue 5, May 2013, Pages 2304–2317.
863	38	Zhang, X., Jin, F., Liu, P. A grey relational projection method for multi-attribute decision making based on intuitionistic trapezoidal fuzzy number (2013) Applied Mathematical Modelling, 37 (5), pp. 3467-3477

864	39	Zhang, Y., Li, P., Wang, Y., Ma, P., & Su, X. (2013). Multiattribute Decision Making Based on Entropy under Interval-Valued Intuitionistic Fuzzy Environment. Mathematical Problems in Engineering, Volume 2013 (2013), Article ID 526871, 8 pages, http://dx.doi.org/10.1155/2013/526871
78.	**Atanassov K., Remark on a new direction for a generalization of the Fibonacci sequence, The Fibonacci Quarterly, Vol. 33 (1995), No. 3, 249-250.**	
865	1	Bhatnagar, S., Singh, B., & Sikhwal, O. (2013). Generalized Identities of Companion Fibonacci-Like Sequences. Global Journal of Mathematical Analysis, 1(3), 104-109.
79.	**Atanassov, K. Remarks on equalities between intuitionistic fuzzy sets. Notes on Intuitionistic Fuzzy Sets, Vol. 16, 2010, No. 3, 40-41.**	
866	1	Verma, R., B.D. Sharma. Some new results on intuitionistic fuzzy sets. Proceedings of the Jangjeon Mathematical Society. Vol. 16 (2013), No. 1, pp. 101-114.
80.	**Atanassov, K. Remarks on the conjunctions, disjunctions and implications of the intuitionistic fuzzy logic Int. J. of Uncertainty, Fuzziness and Knowledge-Based Systems Vol. 9, 2001, No. 1, 55-65.**	
867	1	Deschrijver, G. Implication Functions in Interval-Valued Fuzzy Set Theory. In: Advances in Fuzzy Implication Functions, Series "Studies in Fuzziness and Soft Computing", Vol. 300, Springer, 2013, 73-99.
81.	**Atanassov K., Remarks on the intuitionistic fuzzy sets - III, Fuzzy sets and Systems Vol. 75 (1995), No. 3, 401-402.**	
868	1	Ersoy, B. A., Onar, S., Hila, K., & Davvaz, B. (2013). Some Properties of Intuitionistic Fuzzy Soft Rings. Journal of Mathematics, Volume 2013 (2013), Article ID 650480, 8 pages. http://dx.doi.org/10.1155/2013/650480
869	2	Huang, M., K. W. Li. A novel approach to characterizing hesitations in intuitionistic fuzzy numbers, Journal of Systems Science and Systems Engineering, September 2013, Volume 22, Issue 3, pp 283-294.
870	3	Edward Samuel, A., Balamurugan, M. IFS with n-parameters in medical diagnosis (2013) International Journal of Pure and Applied Mathematics, 84 (3), pp. 185-192.
871	4	Wang, W., & Liu, X. (2013). Some Operations Over Atanassov's Intuitionistic Fuzzy Sets Based On Einstein T-Norm And T-Conorm. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 21(02), 263-276.
872	5	Wang, X. F., Wang, J. Q., & Yang, W. E. (2013). Group decision making approach based on interval–valued intuitionistic linguistic geometric aggregation operators. International Journal of Intelligent Information and Database Systems, 7(6), 516-534.
82.	**Atanassov K., Review and new results on intuitionistic fuzzy sets. Preprint IM-MFAIS-1-88, Sofia, 1988.**	
873	1	Broumi, S., F. Smarandache. Several Similarity Measures of Neutrosophic Sets. J. Neutrosophic Sets and Systems, Vol. 1, 2013, 54-62.
874	2	Jassim, T. H. Completely Normal and Weak Completely Normal in Intuitionistic Topological Spaces. International Journal of Scientific & Engineering Research, Volume 4, Issue 10, October-2013 438-442.
83.	**Atanassov, K. Some properties of the operators from one type of intuitionistic fuzzy modal operators. Advanced Studies on Contemporary Mathematics, Vol. 15, 2007, No. 1, 13-20.**	
875	1	Cuvalcioglu, G. On The Diagram Of One Type Modal Operators On Intuitionistic Fuzzy Sets: Last Expanding With Z_{\alpha,\beta}^{\omega,\theta}. Iranian Journal of Fuzzy Systems Vol. 10, No. 1, (2013) pp. 89-106.
84.	**Atanassov, K. The most general form of one type of intuitionistic fuzzy modal operators. Notes on Intuitionistic Fuzzy Sets, Vol. 12, 2006, No. 2, 36-38.**	
876	1	Cuvalcioglu, G. On The Diagram Of One Type Modal Operators On Intuitionistic Fuzzy Sets: Last Expanding With Z_{\alpha,\beta}^{\omega,\theta}. Iranian Journal of Fuzzy Systems Vol. 10, No. 1, (2013) pp. 89-106.

85.	**Atanassov, K. The most general form of one type of intuitionistic fuzzy modal operators. Part 2. Proceedings of the Twelfth International Conference on Intuitionistic Fuzzy Sets (J. Kacprzyk and K. Atanassov, Eds), Sofia, 17-18 May 2008, Vol. 1. In: Notes on Intuitionistic Fuzzy Sets, Vol. 14, 2008, No. 1, 27-32.**	
877	1	Cuvalcioglu, G. On The Diagram Of One Type Modal Operators On Intuitionistic Fuzzy Sets: Last Expanding With Z_{\alpha,\beta}^{\omega,\theta}. Iranian Journal of Fuzzy Systems Vol. 10, No. 1, (2013) pp. 89-106.
86.	**Atanassov, K. Theorem for equivalence of the two most general intuitionistic fuzzy modal operators. Notes on Intuitionistic Fuzzy Sets, Vol. 15, 2009, No. 1, 26-31.**	
878	1	Cuvalcioglu, G. On The Diagram Of One Type Modal Operators On Intuitionistic Fuzzy Sets: Last Expanding With Z_{\alpha,\beta}^{\omega,\theta}. Iranian Journal of Fuzzy Systems Vol. 10, No. 1, (2013) pp. 89-106.
87.	**Atanassov K., Two theorems for intuitionistic fuzzy sets Fuzzy Sets and Systems, Vol. 110 (2000), No. 2, 267-269.**	
879	1	Aggarwal, S., & Gupta, C. Bi-Level Multi-Objective Linear Programming under Intuitionistic Fuzzy Environment. International Journal of Pure & Applied Sciences & Technology, 2013, Vol. 17 Issue 2, 45-61.
880	2	Davarzani, H., & Khorheh, M. A. (2013). A novel application of intuitionistic fuzzy sets theory in medical science: Bacillus colonies recognition. Artificial Intelligence Research, 2(2), p1.
881	3	Garai, A. (2013). Weighted intuitionistic fuzzy Delphi method. Journal of Global Research in Computer Science, 4(7), 38-42.
882	4	Garai, A., Roy, T. K. (2013). Optimization under Generalized Intuitionistic Fuzzy Environment. International Journal of Computer Applications, Jul2013, Vol. 73 Issue 1-22, p. 20-23.
883	5	Garai, A., & Roy, T. K. (2013). Intuitionistic fuzzy optimization: Usage of hesitation index. International Journal Of Computers & Technology, 10(4), 1489-1495.
884	6	Guo, J. (2013). Hybrid Multiattribute Group Decision Making Based on Intuitionistic Fuzzy Information and GRA Method. ISRN Applied Mathematics, Volume 2013 (2013), Article ID 146026, 10 pages. http://dx.doi.org/10.1155/2013/146026
885	7	Lata, N. Evaluating Failure of a Refrigeration cycle using Triangular Intuitionstic Fuzzy Approach. Int. J. for Research in Applied Science and Engineering Technology. Vol. 1, 2013, Issue 4, 47-51..
886	8	Lin, R., Zhao, X., & Wei, G. (2013). Fuzzy number intuitionistic fuzzy prioritized operators and their application to multiple attribute decision making. Journal of Intelligent and Fuzzy Systems, 24(4), 879-888.
887	9	Mahapatra, G. S., T. K. Roy. Intuitionistic Fuzzy Number and Its Arithmetic Operation with Application on System Failure. Journal of Uncertain Systems, 7(2), 2013, 92-107.
888	10	Nan, J. X., & Li, D. F. (2013). Linear programming approach to matrix games with intuitionistic fuzzy goals. International Journal of Computational Intelligence Systems, 6(1), 186-197.
889	11	Shaw, A. K., & Roy, T. K. (2013). Trapezoidal intuitionistic fuzzy number with some arithmetic operations and its application on reliability evaluation. International Journal of Mathematics in Operational Research, 5(1), 55-73.
890	12	Wang, W., & Liu, X. (2013). SOME OPERATIONS OVER ATANASSOV'S INTUITIONISTIC FUZZY SETS BASED ON EINSTEIN T-NORM AND T-CONORM. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 21(02), 263-276.
891	13	Wang, J.-Q., Nie, R., Zhang, H.-Y., Chen, X.-H. New operators on triangular intuitionistic fuzzy numbers and their applications in system fault analysis (2013) Information Sciences, 251, pp. 79-95
892	14	Wang, J.-Q., Wang, D. D., yu Zhang, H., & Chen, X. H. (2013). Multi-criteria outranking approach with hesitant fuzzy sets. OR Spectrum, 1-19.
893	15	Wang, J.-Q., Zhang, H.-Y. Multicriteria decision-making approach based on atanassov's intuitionistic fuzzy sets with incomplete certain information on weights (2013) IEEE Transactions on Fuzzy Systems, 21 (3), art. no. 6249738, pp. 510-515
894	16	Wei, G., Zhao, X., Lin, R. Some hesitant interval-valued fuzzy aggregation operators and their applications to multiple attribute decision making (2013) Knowledge-Based Systems, 46, pp. 43-53
895	17	Wen, X., Luo, X., & Ouyang, J. A Novel Evaluation Model for Non-functional Requirements in Trustworthy Software. Journal of Information & Computational Science 10:11 (2013) 3561–3577.
896	18	Zhang, J. L., Qi, X. W., & Huang, H. B. (2013). A Hesitant Fuzzy Multiple Attribute Group Decision Making Approach Based on TOPSIS for Parts Supplier Selection. Applied Mechanics and Materials (Volumes 357 - 360), 2730-2737.

897	19	Zhang, J. L., & Wu, J. (2013). Research on the IAMM and IGMM Operators in Group Decision Making with Intuitionistic Preference Relations. Advanced Materials Research, (Volumes 753 - 755), 2806-2815.
898	20	Zhang, J. L., & Qi, X. W. (2013). Research on Multiple Attribute Decision Making under Hesitant Fuzzy Linguistic Environment with Application to Production Strategy Decision Making. Advanced Materials Research (Volumes 753 - 755) 2829-2836.
899	21	Zhang, X., Deng, Y., Chan, F. T., Xu, P., Mahadevan, S., & Hu, Y. (2013). IFSJSP: A novel methodology for the Job-Shop Scheduling Problem based on intuitionistic fuzzy sets. International Journal of Production Research, Volume 51, Issue 17, 2013, 1-20, DOI: 10.1080/00207543.2013.793425
88.	**Atanassov, K., H. Aladjov. Generalized Nets in Artificial Intelligence. Vol. 2: Generalized nets and Machine Learning. "Prof. M. Drinov" Academic Publishing House, Sofia, 2000.**	
900	1	Georgieva, V. Generalized Net Model of the Process of Fresh Water Treatment. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 163-172
901	2	Kosev, K., V. Ivanov, A. Ananiev, P. Denev, O. Roeva. Generalized net model of interval mapping QTL analysis. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 136-142.
902	3	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013
903	4	Orozova, D. Modeling of electronic learning environment with generalized nets. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume II: Applications. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 111-118.
904	5	Pencheva, T., O. Roeva, V. Atanassova, M. Angelova. Generalized Net Model of the lac Operon. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 183-192.
89.	**Atanassov K., H. Aladjov. Generalized Nets Model Of A New Type Of Expert Systems. Advanced Studies in Contemporary Mathematics, Vol. 3, No. 1, 2001, 43-58.**	
905	1	Hashemi H., J. Bazargan, S.M. Mousavi. A Compromise Ratio Method with an Application to Water Resources Management: An Intuitionistic Fuzzy Set. Water Resources Management, 27 (7), 2013, 2029-2051.
906	2	Vahdani B., S. M. Mousavi, R. Tavakkoli-Moghaddam, H. Hashemi. A New Design of the Elimination and Choice Translating Reality Method for Multi-Criteria Group Decision-Making in an Intuitionistic Fuzzy Environment. Applied Mathematical Modelling, 37(4), 2013, 1781-1799.
90.	**Atanassov K., Atanassova L., Sasselov D. A new perspective to the generalization of the Fibonacci sequence, The Fibonacci Quartarly Vol. 23 (1985), No. 1, 21-28.**	
907	1	Bhatnagar, S., Singh, B., & Sikhwal, O. (2013). Generalized Identities of Companion Fibonacci-Like Sequences. Global Journal of Mathematical Analysis, 1(3), 104-109.
908	2	Bhatnagar, S., Singh, B., & Sikhwal, O. (2013). Fibonacci-Like Sequence. International Journal of Advanced Mathematical Sciences, 1(3), 145-151.
909	3	Harne, S., B. Singh, G. K. Chhabra, M. S. Teeth. Generalization of Fibonacci Sequence in Case of Four Sequences. Int. J. Contemp. Math. Sciences, Vol. 8, 2013, no. 9, 411 - 416.
910	4	Godase, A. D. Recurrent Formulas Of The Generalized Fibonacci Sequences Of Fifth Order. International Journal of Mathematical Archive-4(6), 2013, 61-67.
911	5	Sahin, M. (2013). School of Mathematics and Statistics, Carleton University, Ottawa, Canada, INTEGERS, 13, 2.
91.	**Atanassov K., V. Atanassova, A. Shannon, J. Turner New Visual Perspectives on Fibonacci Numbers. World Scientific, New Jersey, 2002.**	
912	1	Godase. A. D. Fundamental Properties Of Multiplicative Coupled Fibonacci Sequences Of Fourth Order Under Two Specific Schemes. International Journal of Mathematical Archive, Vol 4, No 6 (2013), 61-67.
913	2	Kim, H. S., Neggers, J., & So, K. S. (2013). Generalized Fibonacci sequences in groupoids. Advances in Difference Equations, 2013(1), 1-10.
914	3	Sroysang, B. (2013). On Fibonacci Functions with Period k. Discrete Dynamics in Nature and Society, Vol. 2013, Article ID 418123, 4 pages. http://dx.doi.org/10.1155/2013/418123

92.	**Atanassov K., Burillo P., Bustince H., On the intuitionistic fuzzy relations, Notes on Intuitionistic Fuzzy Sets, Vol. 1, 1995, No. 2, 87-92.**	
915	1	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
93.	**Atanassov K., Christov R., New conservative extensions of the generalized nets. Advances in Modelling & Analysis, AMSE Press, Vol. 14, No. 2, 1993, 27-34.**	
916	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
94.	**Atanassov, K. D. Dimitrov. Intuitionistic fuzzy implications and axioms for implications. Notes on Intuitionistic Fuzzy Sets, Vol. 16, 2010, No. 1, 10-20.**	
917	1	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
95.	**Atanassov, K. D. Dimitrov. On the negations over intuitionistic fuzzy sets. Part 1. Annual of the "Informatics" Section of the Union of Scientists in Bulgaria, Vol. 1, 2008, 49-58.**	
918	1	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.
96.	**Atanassov, K., G. Gargov. Elements of intuitionistic fuzzy logic. I. Fuzzy sets and Systems Vol. 95, 1998, No. 1, 39-52.**	
919	1	Akram, M., Shahzad, S., Butt, A., & Khaliq, A. (2013). Intuitionistic Fuzzy Logic Control for Heater Fans. Mathematics in Computer Science, September 2013, Volume 7, Issue 3, pp 367-378.
920	2	Eslami, E., Woo, P.-Y. More on intuitionistic fuzzy residuated lattices (2013) Journal of Multiple-Valued Logic and Soft Computing, 20 (3-4), pp. 335-352
921	3	Mahapatra, G. S., T. K. Roy. Intuitionistic Fuzzy Number and Its Arithmetic Operation with Application on System Failure. Journal of Uncertain Systems, 7(2), 2013, 92-107.
922	4	Reiser, R. H., & Bedregal, B. (2013). Interval-valued intuitionistic fuzzy implications-construction, properties and representability. Information Sciences, Volume 248, 1 November 2013, Pages 68–88.
923	5	Wang, P., Meng, P., Zhai, J. Y., & Zhu, Z. Q. (2013). A hybrid method using experiment design and grey relational analysis for multiple criteria decision making problems. Knowledge-Based Systems, Volume 53, November 2013, Pages 100–107
924	6	Zou, L., Liu, X., Pei, Z., Huang, D. Implication operators on the set of ?-irreducible element in the linguistic truth-valued intuitionistic fuzzy lattice (2013) International Journal of Machine Learning and Cybernetics, 4 (4), pp. 365-372
97.	**Atanassov K., Gargov G. Interval valued intuitionistic fuzzy sets, Fuzzy Sets and Systems, Vol. 31, 1989, No. 3, 343-349.**	
925	1	Ansari, A.Q., Biswas, R., Aggarwal, S. Extension to fuzzy logic representation: Moving towards neutrosophic logic - A new laboratory rat (2013) IEEE International Conference on Fuzzy Systems, art. no. 6622412
926	2	Bahramloo, M., & Hoseini, M. (2013). A multiple criteria decision making for raking alternatives using preference relation matrix based on intuitionistic fuzzy sets. Decision Science Letters, Volume 2 Issue 4 pp. 281-286, 2013.
927	3	Bai, Z.-Y. Distance similarity measures for interval-valued hesitant fuzzy sets and their application in multicriteria decision making (2013) Journal of Decision Systems, 22 (3), pp. 190-201
928	4	Bai, Z.-Y., Luo, D. Comprehensive assessment method of soil and water conservation of forest ecosystems in China using correlation coefficient between interval-valued fuzzy sets (2013) Journal of Applied Sciences, 13 (16), pp. 3345-3349.
929	5	Bedregal, B., G. Beliakov, H. Bustince, J. Fernandez, A. Pradera, R. Reiser. (S,N)-Implications on Bounded Lattices, In: Advances in Fuzzy Implication Functions, Series "Studies in Fuzziness and Soft Computing", Vol. 300, Springer, 2013, 101-124.
930	6	Beg, I., T. Rashid, (May, 2013). Multi-criteria trapezoidal valued intuitionistic fuzzy decision making with Choquet integral based TOPSIS. OPSEARCH, 1-32. doi: 10.1007/s12597-013-0134-5
931	7	Beliakov, G., James, S. On extending generalized Bonferroni means to Atanassov orthopairs in decision making contexts (2013) Fuzzy Sets and Systems, 211, pp. 84-98
932	8	Bustince, H., M. Galar, B. Bedregal, A. Kolesarova, R. Mesiar. A new approachto Interval valued Choquet integrals and the problem of ordering in interval-valued fuzzy set applications. IEEE Transactions on Fuzzy Systems, Vol. 21, 2013, No. 6, 1150-1162.

933	9	Callejas Bedrega, B., L. Visintin, R.H.S. Reiser. Index, expressions and properties of interval-valued intuitionistic fuzzy implications. Trends in Applied and Computational Mathematics, Vol 14, No 2 (2013), 193-208.
934	10	Chai, J., Liu, J.N.K., Xu, Z. A rule-based group decision model for warehouse evaluation under interval-valued Intuitionistic fuzzy environments (2013) Expert Systems with Applications, 40 (6), pp. 1959-1970.
935	11	Chakeri, A., Sheikholeslam, F. Fuzzy nash equilibriums in crisp and fuzzy games (2013) IEEE Transactions on Fuzzy Systems, 21 (1), art. no. 6213106, pp. 171-176
936	12	Chakrabortty, S., Pal, M., Nayak, P.K. Intuitionistic fuzzy optimization technique for Pareto optimal solution of manufacturing inventory models with shortages (2013) European Journal of Operational Research, 228 (2), pp. 381-387
937	13	Chen, N., Xu, Z., Xia, M. Correlation coefficients of hesitant fuzzy sets and their applications to clustering analysis (2013) Applied Mathematical Modelling, 37 (4), pp. 2197-2211.
938	14	Chen, N., Xu, Z., Xia, M. Interval-valued hesitant preference relations and their applications to group decision making (2013) Knowledge-Based Systems, 37, pp. 528-540.
939	15	Chen, S.-M., Li, T.-S. Evaluating students' answerscripts based on interval-valued intuitionistic fuzzy sets (2013) Information Sciences, 235, pp. 308-322.
940	16	Chen, T.-Y. An interval-valued intuitionistic fuzzy LINMAP method with inclusion comparison possibilities and hybrid averaging operations for multiple criteria group decision making (2013) Knowledge-Based Systems, 45, pp. 134-146.
941	17	Chen, T.-Y. Data construction process and qualiflex-based method for multiple-criteria group decision making with interval-valued intuitionistic fuzzy sets (2013) International Journal of Information Technology and Decision Making, 12 (3), pp. 425-467.
942	18	Chen, X., Yang, L., Wang, P., Yue, W. A fuzzy multicriteria group decision-making method with new entropy of interval-valued intuitionistic fuzzy sets (2013) Journal of Applied Mathematics, 2013, art. no. 827268, .
943	19	Chen, X., Yang, L., Wang, P., Yue, W. An effective interval-valued intuitionistic fuzzy entropy to evaluate entrepreneurship orientation of online P2P lending platforms (2013) Advances in Mathematical Physics, art. no. 467215, .
944	20	Chen, X.-H., Dai, Z.-J., Liu, X. Approach to interval-valued intuitionistic fuzzy decision making based on entropy and correlation coefficient (2013) Xi Tong Gong Cheng Yu Dian Zi Ji Shu/Systems Engineering and Electronics, 35 (4), pp. 791-795.
945	21	Choubey, A., & Ravi, K. M. (2013). Minimization of Deterministic Finite Automata with Vague (Final) States and Intuitionistic Fuzzy (Final) States. Iranian Journal of Fuzzy Systems, Vol. 10, No. 1, (2013) pp. 75-88
946	22	Dymova, L., Sevastjanov, P., Tikhonenko, A. Two-criteria method for comparing real-valued and interval-valued intuitionistic fuzzy values (2013) Knowledge-Based Systems, 45, pp. 166-173
947	23	Farhadinia, B. A theoretical development on the entropy of interval-valued fuzzy sets based on the intuitionistic distance and its relationship with similarity measure (2013) Knowledge-Based Systems, 39, pp. 79-84.
948	24	Gong, Z., Y. Lin, T. Yao. Uncertain Fuzzy Preference Relations and Their Applications. "Studies in Fuzziness and Soft Computing" Series, Vol. 281, Springer, 2013.
949	25	Gong, Z., & Zhang, X. Variable precision intuitionistic fuzzy rough sets model and its application. International Journal of Machine Learning and Cybernetics, April 2013, 1-18. doi: 10.1007/s13042-013-0162-8
950	26	Guo, J. (2013). Hybrid Multiattribute Group Decision Making Based on Intuitionistic Fuzzy Information and GRA Method. ISRN Applied Mathematics, Volume 2013 (2013), Article ID 146026, 10 pages. http://dx.doi.org/10.1155/2013/146026
951	27	Hong, Z., Wu, M. An approach to tcm syndrome differentiation based on interval-valued intuitionistic fuzzy sets (2013) Advances in Intelligent Systems and Computing, 191 AISC, pp. 77-81.
952	28	Huang, B., Wei, D.-K., Li, H.-X., Zhuang, Y.-L. Using a rough set model to extract rules in dominance-based interval-valued intuitionistic fuzzy information systems (2013) Information Sciences, 221, pp. 215-229.
953	29	Huang, B., Zhuang, Y.-L., Li, H.-X. Information granulation and uncertainty measures in interval-valued intuitionistic fuzzy information systems (2013) European Journal of Operational Research, 231 (1), pp. 162-170.

954	30	Intepe, G., Bozdag, E., Koc, T. The selection of technology forecasting method using a multi-criteria interval-valued intuitionistic fuzzy group decision making approach (2013) Computers and Industrial Engineering, 65 (2), pp. 277-285.
955	31	Ismail, W. K. W., & Abdullah, L. (2013, April). A new cosine similarity measure for interval-valued intuitionistic fuzzy sets and their applications. In AIP Conference Proceedings (Vol. 1522, p. 292).
956	32	Jiang, Y., Tang, Y., Liu, H., Chen, Z. Entropy on intuitionistic fuzzy soft sets and on interval-valued fuzzy soft sets (2013) Information Sciences, 240, pp. 95-114
957	33	Jiang, Z., Yu, L. A multiple attribute interval-valued intuitionistic fuzzy group decision making method for emergency alternative selection (2013) Journal of Computational Information Systems, 9 (12), pp. 4911-4919.
958	34	Kosareva, N., Krylovas, A. Comparison of accuracy in ranking alternatives performing generalized fuzzy average functions (2013) Technological and Economic Development of Economy, 19 (1), pp. 162-187
959	35	Kuang, Q. Grey relational analysis model for comprehensive evaluation on risk early-warning for enterprise's investment project (2013) Advanced Materials Research, 748, pp. 1267-1272.
960	36	Lai, Y., Xiong, Y., Liu, Y. Intuitionistic fuzzy group decision making algorithm for rule priority ranking (2013) Information and Control, 42 (3), pp. 314-319
961	37	Lata, N. Evaluating Failure of a Refrigeration cycle using Triangular Intuitionstic Fuzzy Approach. Int. J. for Research in Applied Science and Engineering Technology. Vol. 1, 2013, Issue 4, 47-51.
962	38	Lee, L.-W., Chen, S.-M. Fuzzy decision making based on hesitant fuzzy linguistic term sets (2013) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 7802 LNAI (PART 1), pp. 21-30.
963	39	Li, H., Yang, D., Fu, Y., Huang, H., Fang, H. A microstructure evolution visualization method based on neutrosophic set theory and cellular automaton technique (2013) ACM International Conference Proceeding Series, pp. 27-33.
964	40	Lin, R., Zhao, X., Wei, G. Fuzzy number intuitionistic fuzzy prioritized operators and their application to multiple attribute decision making (2013) Journal of Intelligent and Fuzzy Systems, 24 (4), pp. 879-888.
965	41	Liu, D., Sun, M. Similarity measures induced by some transformation methods based on entropy measures (2013) ICIC Express Letters, 7 (9), pp. 2531-2537.
966	42	Liu, P. Some generalized dependent aggregation operators with intuitionistic linguistic numbers and their application to group decision making (2013) Journal of Computer and System Sciences, 79 (1), pp. 131-143.
967	43	Liu, P. Some geometric aggregation operators based on interval intuitionistic uncertain linguistic variables and their application to group decision making (2013) Applied Mathematical Modelling, 37 (4), pp. 2430-2444.
968	44	Liu, S., Yu, F., Xu, W., Zhang, W. New approach to MCDM under interval-valued intuitionistic fuzzy environment (2013) International Journal of Machine Learning and Cybernetics, 4 (6), pp. 671-678.
969	45	Liu, Y., Forrest, J., Liu, S.-F., Zhao, H.-H., Jian, L.-R. Dynamic multiple attribute grey incidence decision making mothed based on interval valued intuitionisitc fuzzy number (2013) Kongzhi yu Juece/Control and Decision, 28 (9), pp. 1303-1308+1321.
970	46	Mahapatra, G.S., Roy, T.K. Intuitionistic fuzzy number and its arithmetic operation with application on system failure (2013) Journal of Uncertain Systems, 7 (2), pp. 92-107.
971	47	Meng, F., Tan, C., Zhang, Q. The induced generalized interval-valued intuitionistic fuzzy hybrid Shapley averaging operator and its application in decision making (2013) Knowledge-Based Systems, 42, pp. 9-19.
972	48	Meng, F., Tang, J. Interval-valued intuitionistic fuzzy multiattribute group decision making based on cross entropy measure and Choquet integral (2013) International Journal of Intelligent Systems, 28 (12), pp. 1172-1195.
973	49	Meng, F., Zhang, Q., Cheng, H. Approaches to multiple-criteria group decision making based on interval-valued intuitionistic fuzzy Choquet integral with respect to the generalized ?-Shapley index (2013) Knowledge-Based Systems, 37, pp. 237-249.
974	50	Mirjani, M., Wahab, M.I.M., Li, K.W. A multicriteria supplier selection framework with interval - Valued intuitionistic fuzzy assessment (2013) 2013 10th International Conference on Service Systems and Service Management - Proceedings of ICSSSM 2013, art. no. 6602606, pp. 731-736.
975	51	Park, J.H., Cho, H.J., Kwun, Y.C. Extension of the VIKOR method to dynamic intuitionistic fuzzy multiple attribute decision making (2013) Computers and Mathematics with Applications, 65 (4), pp. 731-744.

976	52	Pei, Z. Rational decision making models with incomplete weight information for production line assessment (2013) Information Sciences, 222, pp. 696-716.
977	53	Pekala, B., Some connections between interval-valued fuzzy connections. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume I: Foundations. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 113-127.
978	54	Pingping Chi, and Peide Liu, Several Similarity Measures of Neutrosophic Sets. J. Neutrosophic Sets and Systems, Vol. 1, 2013, 63-70.
979	55	Qi, X.-W., Liang, C.-Y., Huang, Y.-Q., Ding, Y. Multi-attribute group decision making method based on hybrid evaluation matrix (2013) Xitong Gongcheng Lilun yu Shijian/System Engineering Theory and Practice, 33 (2), pp. 473-481
980	56	Qi, X.-W., Liang, C.-Y., Zhang, J. Some generalized dependent aggregation operators with interval-valued intuitionistic fuzzy information and their application to exploitation investment evaluation (2013) Journal of Applied Mathematics, 2013, art. no. 705159
981	57	Razavi Hajiagha, S.H., Hashemi, S.S., Zavadskas, E.K. A complex proportional assessment method for group decision making in an interval-valued intuitionistic fuzzy environment (2013) Technological and Economic Development of Economy, 19 (1), pp. 22-37.
982	58	Reiser, R.H.S., Bedregal, B. Interval-valued intuitionistic fuzzy implications - Construction, properties and representability (2013) Information Sciences, 248, pp. 68-88.
983	59	Shaw, A.K., Roy, T.K. Trapezoidal Intuitionistic Fuzzy Number with some arithmetic operations and its application on reliability evaluation (2013) International Journal of Mathematics in Operational Research, 5 (1), pp. 55-73
984	60	Shi, Y.-M., He, J.-M. The interval-valued intuitionistic fuzzy optimized weighted bonferroni means and their application (2013) Journal of Applied Mathematics, 2013, art. no. 981762
985	61	Stachowiak, A., Dyczkowski, K. A similarity measure with uncertainty for incompletely known fuzzy sets (2013) Proceedings of the 2013 Joint IFSA World Congress and NAFIPS Annual Meeting, IFSA/NAFIPS 2013, art. no. 6608432, pp. 390-394
986	62	Su, W., Yang, Y., Zhang, C., Zeng, S. Intuitionistic fuzzy decision-making with similarity measures and OWA operator (2013) International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 21 (2), pp. 245-262
987	63	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013
988	64	Tao, Z., Chen, H., Zou, W., Zhou, L., Liu, J. A generalized multi-attribute group decision making with intuitionistic fuzzy set (2013) Advances in Intelligent Systems and Computing, 212, pp. 63-71.
989	65	Wan Ismail, W.K., Abdullah, L. A new cosine similarity measure for interval-valued intuitionistic fuzzy sets and their applications (2013) AIP Conference Proceedings, 1522, pp. 292-298.
990	66	Wan, S.-P. Multi-attribute decision making method based on possibility variance coefficient of triangular intuitionistic fuzzy numbers (2013) International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 21 (2), pp. 223-243.
991	67	Wan, S.-P. Power average operators of trapezoidal intuitionistic fuzzy numbers and application to multi-attribute group decision making (2013) Applied Mathematical Modelling, 37 (6), pp. 4112-4126.
992	68	Wan, S.-P., Li, D.-F. Possibility mean and variance based method for multi-attribute decision making with triangular intuitionistic fuzzy numbers (2013) Journal of Intelligent and Fuzzy Systems, 24 (4), pp. 743-754.
993	69	Wan, S.-P., Li, D.-F., Rui, Z.-F. Possibility mean, variance and covariance of triangular intuitionistic fuzzy numbers (2013) Journal of Intelligent and Fuzzy Systems, 24 (4), pp. 847-858.
994	70	Wang, G., Xu, C., Yu, H. Expression and processing of uncertain information (2013) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 8171 LNAI, pp. 53-65.
995	71	Wang, J.-Q., Li, K.-J. Multi-criteria decision-making method based on intuitionistic normal fuzzy aggregation operators (2013) Xitong Gongcheng Lilun yu Shijian/System Engineering Theory and Practice, 33 (6), pp. 1501-1508
996	72	Wang, J.-Q., Li, K.-J., Zhang, H.-Y., Chen, X.-H. A score function based on relative entropy and its application in intuitionistic normal fuzzy multiple criteria decision making (2013) Journal of Intelligent and Fuzzy Systems, 25 (3), pp. 567-576
997	73	Wang, J. Q., Wang, D. D., yu Zhang, H., & Chen, X. H. (2013). Multi-criteria outranking approach with hesitant fuzzy sets. OR Spectrum, 1-19.

998	74	Wang, L., Ni, M., Zhu, L. Correlation measures of dual hesitant fuzzy sets (2013) Journal of Applied Mathematics, 2013, art. no. 593739
999	75	Wang, L.-L., Li, D.-F., Zhang, S.-S. Mathematical programming methodology for multiattribute decision making using interval-valued intuitionistic fuzzy sets (2013) Journal of Intelligent and Fuzzy Systems, 24 (4), pp. 755-763
1000	76	Wang, W., Liu, X. Interval-valued intuitionistic fuzzy hybrid weighted averaging operator based on Einstein operation and its application to decision making (2013) Journal of Intelligent and Fuzzy Systems, 25 (2), pp. 279-290
1001	77	Wang, W., Liu, X. The multi-attribute decision making method based on interval-valued intuitionistic fuzzy Einstein hybrid weighted geometric operator (2013) Computers and Mathematics with Applications, 66 (10), pp. 1845-1856
1002	78	Wang, X.-F., Wang, J.-Q., Yang, W.-E. Group decision making approach based on interval-valued intuitionistic linguistic geometric aggregation operators (2013) International Journal of Intelligent Information and Database Systems, 7 (6), pp. 516-534
1003	79	Wei, G., Zhao, X., Lin, R. Some hesitant interval-valued fuzzy aggregation operators and their applications to multiple attribute decision making (2013) Knowledge-Based Systems, 46, pp. 43-53
1004	80	Wibowo, S., Deng, H. A fuzzy multicriteria approach for evaluating the sustainability performance of semiconductor companies (2013) Proceedings of the 2013 IEEE 8th Conference on Industrial Electronics and Applications, ICIEA 2013, art. no. 6566380, pp. 278-283
1005	81	Wu, H. Some operations on interval-valued intuitionistic fuzzy sets (2013) Proceedings - 2013 International Conference on Computational and Information Sciences, ICCIS 2013, art. no. 6643139, pp. 832-834.
1006	82	Wu, J., Huang, H.-B., Cao, Q.-W. Research on AHP with interval-valued intuitionistic fuzzy sets and its application in multi-criteria decision making problems (2013) Applied Mathematical Modelling, 37 (24), pp. 9898-9906
1007	83	Wu, J., Liu, Y. An approach for multiple attribute group decision making problems with interval-valued intuitionistic trapezoidal fuzzy numbers (2013) Computers and Industrial Engineering, 66 (2), pp. 311-324
1008	84	Xia, M., Xu, Z., Zhu, B. Geometric Bonferroni means with their application in multi-criteria decision making (2013) Knowledge-Based Systems, 40, pp. 88-100
1009	85	Xia, Y. On extension of decision making approaches under a complex environment (2013) WIT Transactions on Engineering Sciences, 80, pp. 35-42
1010	86	Xu, W.-H., Liu, S.-H., Yu, F.-S. Knowledge reduction in lattice-valued information systems with interval-valued intuitionistic fuzzy decision (2013) International Journal on Artificial Intelligence Tools, 22 (1), art. no. 1250030
1011	87	Yaqoob, N. (2013). Interval Valued Intuitionistic Fuzzy Ideals of Regular LA-Semigroups. Thai Journal of Mathematics. Vol 11, No 3 (2013), pp. 683 - 695.
1012	88	Yaqoob, N., Khan, M., Akram, M., Khan, A. Interval valued intuitionistic (s?, t?)-fuzzy ideals of ternary semigroups (2013) Indian Journal of Science and Technology, 6 (11), pp. 5418-5428
1013	89	Ye, J. A linear programming method based on an improved score function for interval-valued intuitionistic fuzzy multicriteria decision making (2013) Engineering Economist, 58 (3), pp. 179-188.
1014	90	Ye, J. Interval-valued intuitionistic fuzzy cosine similarity measures for multiple attribute decision-making (2013) International Journal of General Systems, 42 (8), pp. 883-891
1015	91	Ye, J. Multicriteria decision-making method using the correlation coefficient under single-valued neutrosophic environment (2013) International Journal of General Systems, 42 (4), pp. 386-394
1016	92	Ye, J. (2013). Multiple attribute group decision-making methods with completely unknown weights in intuitionistic fuzzy setting and interval-valued intuitionistic fuzzy setting. Group Decision and Negotiation, March 2013, Volume 22, Issue 2, pp 173-188.
1017	93	Ye, J. Multiple attribute group decision-making methods with unknown weights in intuitionistic fuzzy setting and interval-valued intuitionistic fuzzy setting (2013) International Journal of General Systems, 42 (5), pp. 489-502.
1018	94	Yu, D. Decision making based on generalized geometric operator under interval-valued intuitionistic fuzzy environment (2013) Journal of Intelligent and Fuzzy Systems, 25 (2), pp. 471-480
1019	95	Yue, Z., Jia, Y. A method to aggregate crisp values into interval-valued intuitionistic fuzzy information for group decision making (2013) Applied Soft Computing Journal, 13 (5), pp. 2304-2317

1020	96	Yue, Z., Jia, Y. An application of soft computing technique in group decision making under interval-valued intuitionistic fuzzy environment (2013) Applied Soft Computing Journal, 13 (5), pp. 2490-2503
1021	97	Zeng, S. (2013). Some intuitionistic fuzzy weighted distance measures and their application to group decision making. Group Decision and Negotiation, March 2013, Volume 22, Issue 2, pp 281-298
1022	98	Zeng, S., Baležentis, T., Chen, J., & Luo, G. (2013). A Projection Method for Multiple Attribute Group Decision Making with Intuitionistic Fuzzy Information. Informatica, 2013, Vol. 24, No. 3, 485–503.
1023	99	Zeng, S., Balezentis, A., Su, W. The multi-criteria hesitant fuzzy group decision making with MULTIMOORA method (2013) Economic Computation and Economic Cybernetics Studies and Research, 47 (3), pp. 171-184
1024	100	Zhang, H. Entropy for intuitionistic fuzzy sets based on distance and intuitionistic index (2013) International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 21 (1), pp. 139-155.
1025	101	Zhang, H., Yu, L. New distance measures between intuitionistic fuzzy sets and interval-valued fuzzy sets (2013) Information Sciences, 245, pp. 181-196.
1026	102	Zhang, Q., Xiao, Y., Wang, G. A new method for measuring fuzziness of vague set (or intuitionistic fuzzy set) (2013) Journal of Intelligent and Fuzzy Systems, 25 (2), pp. 505-515
1027	103	Zhang, X., Jin, F., Liu, P. A grey relational projection method for multi-attribute decision making based on intuitionistic trapezoidal fuzzy number (2013) Applied Mathematical Modelling, 37 (5), pp. 3467-3477
1028	104	Zhang, Y., Li, P., Wang, Y., Ma, P., & Su, X. (2013). Multiattribute Decision Making Based on Entropy under Interval-Valued Intuitionistic Fuzzy Environment. Mathematical Problems in Engineering, Volume 2013 (2013), Article ID 526871, 8 pages, http://dx.doi.org/10.1155/2013/526871
1029	105	Zhang, Y., Wang, Y., Wang, J. Hesitant fuzzy linguistic multiple attribute decision making (2013) Proceedings of the 16th International Conference on Information Fusion, FUSION 2013, art. no. 6641165, pp. 1421-1426
1030	106	Zhang, Z. Hesitant fuzzy power aggregation operators and their application to multiple attribute group decision making (2013) Information Sciences, 234, pp. 150-181
1031	107	Zhang, Z. Interval-valued intuitionistic hesitant fuzzy aggregation operators and their application in group decision-making (2013) Journal of Applied Mathematics, 2013, art. no. 670285.
1032	108	Zhang, Z., Chen, J., Hu, Y., Yang, J., Ye, Y., Chen, J. A dynamic fuzzy group decision making method for supplier selection (2013) Journal of Applied Sciences, 13 (14), pp. 2788-2794
1033	109	Zhang, Z., Hu, Y., Ke, X. A dynamic fuzzy sets method and its application to pattern recognition (2013) Applied Mechanics and Materials, 263-266 (PART 1), pp. 2602-2605
1034	110	Zhang, Z., Wang, M., Hu, Y., Yang, J., Ye, Y., Li, Y. A dynamic interval-valued intuitionistic fuzzy sets applied to pattern recognition (2013) Mathematical Problems in Engineering, 2013, art. no. 408012
1035	111	Zhao, Q. The study on rotating machinery early fault diagnosis based on principal component analysis and fuzzy c-means algorithm (2013) Journal of Software, 8 (3), pp. 709-715
1036	112	Zhao, T., Xiao, J. Type-2 fuzzy rough sets (2013) Kongzhi yu Juece/Control and Decision, 28 (3), pp. 385-390
1037	113	Zhao, X., Huang, K., Li, G. Manufacturing vendor selection based on cross-entropy measure with fuzzy VIKOR method (2013) IFAC Proceedings Volumes (IFAC-PapersOnline), pp. 1973-1978
1038	114	Zhao, X., Tang, S., Yang, S., Huang, K. Extended VIKOR method based on cross-entropy for interval-valued intuitionistic fuzzy multiple criteria group decision making (2013) Journal of Intelligent and Fuzzy Systems, 25 (4), pp. 1053-1066
1039	115	Zhiling Hong, Meihong Wu. An Approach to TCM Syndrome Differentiation Based on Interval-Valued Intuitionistic Fuzzy Sets. Proceedings of the 2012 International Conference of Modern Computer Science and Applications. Advances in Intelligent Systems and Computing Volume 191, 2013, pp 77-81
98.	**Atanassov KT, Gargov GK. Intuitionistic Fuzzy-Logic. Comptes rendus de l'Academie Bulgare des Sciences Vol. 43, 1990, Issue: 3, 9-12.**	
1040	1	Zhang H., Yu L. New distance measures between intuitionistic fuzzy sets and interval-valued fuzzy sets. INFORMATION SCIENCES, Vol. 245, 2013 , 181-196
1041	2	Baccour L. , Alimi A. M., John R. I. Similarity measures for intuitionistic fuzzy sets: State of the art. JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, Volume 24, 2013, Issue: 1, 37-49

1042	3	Kumar M.; Prasad Yadav S. Prasad; Kumar S. Fuzzy system reliability evaluation using time-dependent intuitionistic fuzzy sets. INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE Volume: 44 , 2013, Issue: 1 pp 50-66
99.	**Atanassov K., Georgiev Ch., Intuitionistic fuzzy Prolog, Fuzzy sets and Systems Vol. 53 (1993), No. 1, 121-128.**	
1043	1	Hwang, C.-M., Yang, M.-S. New construction for similarity measures between intuitionistic fuzzy sets based on lower, upper and middle fuzzy sets (2013) International Journal of Fuzzy Systems, 15 (3), pp. 371-378
1044	2	Kumar, M., Prasad Yadav, S., & Kumar, S. (2013). Fuzzy system reliability evaluation using time-dependent intuitionistic fuzzy set. International Journal of Systems Science, Volume 44, Issue 1, 2013, 50-66.
1045	3	Luo, D., & Xiao, J. (2013, July). Distance and Similarity between Intuitionistic Fuzzy Sets. 2013 IEEE International Conference on Mechanical and Automation Engineering (MAEE), 21-23 July 2013, Jiujang, pp. 157-160.
1046	4	Qi, X.-W., Liang, C.-Y., Huang, Y.-Q., Ding, Y. Multi-attribute group decision making method based on hybrid evaluation matrix (2013) Xitong Gongcheng Lilun yu Shijian/System Engineering Theory and Practice, 33 (2), pp. 473-481
1047	5	Samuel, E., A., Balamurugan, M. IFS with n-parameters in medical diagnosis (2013) International Journal of Pure and Applied Mathematics, 84 (3), pp. 185-192.
1048	6	Torkian, F., Arefi, M., & Akbari, M. G. (2013). Multivariate Least Squares Regression using Interval-Valued Fuzzy Data and based on Extended Yao-Wu Signed Distance. International Journal of Computational Intelligence Systems, (ahead-of-print), 1-14. DOI: 10.1080/18756891.2013.859867
1049	7	Vahdani, B., S. Meysam Mousavi, R. Tavakkoli-Moghaddam, H. Hashemi, A new design of the elimination and choice translating reality method for multi-criteria group decision-making in an intuitionistic fuzzy environment. Applied Mathematical Modelling, Volume 37, Issue 4, 15 February 2013, Pages 1781–1799.
1050	8	Wang, L. L., Li, D. F., & Zhang, S. S. (2013). Mathematical programming methodology for multiattribute decision making using interval-valued intuitionistic fuzzy sets. Journal of Intelligent and Fuzzy Systems, Volume 24, Number 4 / 2013 755-763.
1051	9	Wang, J. Q., Nie, R. R., Zhang, H. Y., & Chen, X. H. (2013). Intuitionistic fuzzy multi-criteria decision-making method based on evidential reasoning. Applied Soft Computing, Volume 13, Issue 4, April 2013, Pages 1823–1831.
1052	10	Zhang, H., Yu, L. New distance measures between intuitionistic fuzzy sets and interval-valued fuzzy sets (2013) Information Sciences, 245, pp. 181-196
1053	11	Zhang, Y., Li, P., Wang, Y., Ma, P., & Su, X. (2013). Multiattribute Decision Making Based on Entropy under Interval-Valued Intuitionistic Fuzzy Environment. Mathematical Problems in Engineering, Volume 2013 (2013), Article ID 526871, 8 pages, http://dx.doi.org/10.1155/2013/526871
100.	**Atanassov, K. G. Gluhchev, S. Hadjitodorov, S., J. Kacprzyk, A. Shannon, E. Szmidt, V. Vassilev. Generalized Nets Decision Making and Pattern Recognition. Warsaw School of Information Technology Press, Warsaw, 2006.**	
1054	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
101.	**Atanassov, K., M. Hadjiski. Generalised nets and intelligent systems. International Journal of General Systems, Volume 39, Issue 5, 2010, 457-470.**	
1055	1	Van der Wala, A. J. Self-organization and emergent behaviour: distributed decision making in sensor networks. International Journal of General Systems. Volume 42, Issue 1, 2013, 79-97, doi: 10.1080/03081079.2012.710439.
102.	**Atanassov K., J. Kacprzyk, E. Szmidt, L. Todorova On separability of intuitionistic fuzzy sets. Proc. of the 10-th Int. Fuzzy Systems Assoc. World Congress, Istanbul, June 30 - July 2, 2003, In:- Lecture Notes in Artificial Intelligence, Vol. 2715: Fuzzy Sets and Systems - IFSA 2003, Springer, Berlin, 2003, 285-292.**	
1056	1	Zhiling Hong, Meihong Wu. An Approach to TCM Syndrome Differentiation Based on Interval-Valued Intuitionistic Fuzzy Sets. Proceedings of the 2012 International Conference of Modern Computer Science and Applications. Advances in Intelligent Systems and Computing Volume 191, 2013, pp 77-81.

103.	**Atanassov, K., N. Nikolov. Intuitionistic fuzzy generalized nets: Definitions, properties, applications. Systematic Organization of Information in Fuzzy Systems, Amsterdam, Netherlands, 2003, 161-175.**	
1057	1	Koycheva, E. Entwurfsbegleitende Leistungsanalyse mit UML, MARTE und Generalisierten Netzen, Oldenbourg Velag, Munchen, 2013.
104.	**Atanassov, K., N. Nikolov, H. Aladjov. Remark on two operations over intuitionistic fuzzy sets. Int. J. of Uncertainty, Fuzziness and Knowledge-Based Systems Vol. 9, 2001, No. 1, 71-75.**	
1058	1	Vahdania, B., S. Meysam Mousavia, R. Tavakkoli-Moghaddama, H. Hashemib, A new design of the elimination and choice translating reality method for multi-criteria group decision-making in an intuitionistic fuzzy environment. Applied Mathematical Modelling, Volume 37, Issue 4, 15 February 2013, Pages 1781–1799.
1059	2	Hashemi, H., J. Bazargan, S. Meysam Mousavi. A Compromise Ratio Method with an Application to Water Resources Management: An Intuitionistic Fuzzy Set. Water Resources Management, May 2013, Volume 27, Issue 7, pp 2029-2051
1060	3	Cuvalcioglu, G. On The Diagram Of One Type Modal Operators On Intuitionistic Fuzzy Sets: Last Expanding With Z_{\alpha,\beta}^{\omega,\theta}. Iranian Journal of Fuzzy Systems Vol. 10, No. 1, (2013) pp. 89-106.
105.	**Atanassov, K., G. Pasi and R. Yager. Intuitionistic fuzzy interpretations of multi-criteria multi-person and multi-measurement tool decision making. International Journal of Systems Science, Vol. 36, 2005, No. 14, 859-868.**	
1061	1	Agarwal, M., Hanmandlu, M., & Biswas, K. K. (2013, July). Choquet integral vs. TOPSIS: An intuitionistic fuzzy approach. In: 2013 IEEE International Conference on Fuzzy Systems (FUZZ), 7-10 July 2013, Hyderabad (pp. 1-8).
1062	2	Ahmad, Y., S. Husain, I. Sayeed Asthanvi. Study on the Development of Decision Making Using Intuitionistic Fuzzy Set (IFS) and Interval Valued Intuitionistic Fuzzy Set (IVIFS). IOSR Journal of Engineering. Vol. 3, Issue 4 (April. 2013), pp. 34-42
1063	3	Bali, O., S. Gümüş, M. Dağdeviren. A group MADM method for personnel selection problem using Delphi technique based on intuitionistic fuzzy sets. Journal of Military and Information Science, Vol 1, No 1 (2013), 1-13.
1064	4	Bali, O., Kose, E., & Gumus, S. (2013). Green supplier selection based on IFS and GRA. Grey Systems: Theory and Application, Vol. 3 Iss: 2, pp.158 - 176. doi: http://dx.doi.org/10.1108/GS-04-2013-0007
1065	5	Guo, J. (2013). Hybrid Multiattribute Group Decision Making Based on Intuitionistic Fuzzy Information and GRA Method. ISRN Applied Mathematics, Volume 2013 (2013), Article ID 146026, 10 pages. http://dx.doi.org/10.1155/2013/146026
1066	6	Hung, K.-C., Lin, K.-P. Long-term business cycle forecasting through a potential intuitionistic fuzzy least-squares support vector regression approach (2013) Information Sciences, 224, pp. 37-48
1067	7	Krohling, R. A., Pacheco, A. G., & Siviero, A. L. (2013). IF-TODIM: An intuitionistic fuzzy TODIM to multi-criteria decision making. Knowledge-Based Systems, Volume 53, November 2013, Pages 142–146.
1068	8	Kukova, M. The inclusion-exclusion principle for L-states and IF-events (2013) Information Sciences, 224, pp. 165-169
1069	9	Li, B., He, W. Intuitionistic fuzzy PRI-AND and PRI-OR aggregation operators (2013) Information Fusion, 14 (4), pp. 450-459
1070	10	Liu, Y., Forrest, J., Liu, S.-F., Zhao, H.-H., Jian, L.-R. Dynamic multiple attribute grey incidence decision making mothed based on interval valued intuitionisitc fuzzy number (2013) Kongzhi yu Juece/Control and Decision, 28 (9), pp. 1303-1308+1321
1071	11	Meng, F., Zhang, Q., Cheng, H. Approaches to multiple-criteria group decision making based on interval-valued intuitionistic fuzzy Choquet integral with respect to the generalized ?-Shapley index (2013) Knowledge-Based Systems, 37, pp. 237-249
1072	12	Mordeson, J. N., Wierman, M. J., Clark, T. D., Pham, A., & Redmond, M. A. Linear Models in the Mathematics of Uncertainty. Springer, 2013, ISBN 9783642352232; 9783642352249.
1073	13	Park, J. H., Cho, H. J., & Kwun, Y. C. (2013). Extension of the VIKOR method to dynamic intuitionistic fuzzy multiple attribute decision making. Computers & Mathematics with Applications, Volume 65, Issue 4, February 2013, Pages 731–744.

1074	14	Peng, Z., & Chen, Q. (2013, January). A New Method for Ranking Canonical Intuitionistic Fuzzy Numbers. In: Proceedings of the International Conference on Information Engineering and Applications (IEA) 2012, Lecture Notes in Electrical Engineering, Springer, Volume 216, 2013, pp 609-616.
1075	15	Qi, X.-W., Liang, C.-Y., Huang, Y.-Q., Ding, Y. Multi-attribute group decision making method based on hybrid evaluation matrix (2013) Xitong Gongcheng Lilun yu Shijian/System Engineering Theory and Practice, 33 (2), pp. 473-481
1076	16	Thilagavathi, S. A study on intuitionistic fuzzy hypergraphs. PhD thesis, Vellalar College for Womean (Autonomous), Tamilnadu, India, June 2013.
1077	17	Vahdani, B., S. Meysam Mousavi, R. Tavakkoli-Moghaddam, H. Hashemi, A new design of the elimination and choice translating reality method for multi-criteria group decision-making in an intuitionistic fuzzy environment. Applied Mathematical Modelling, Volume 37, Issue 4, 15 February 2013, Pages 1781–1799.
1078	18	Wang, X.-F., Wang, J.-Q., Yang, W.-E. Group decision making approach based on interval-valued intuitionistic linguistic geometric aggregation operators (2013) International Journal of Intelligent Information and Database Systems, 7 (6), pp. 516-534
1079	19	Wu, J., Chen, F., Nie, C., Zhang, Q. Intuitionistic fuzzy-valued Choquet integral and its application in multicriteria decision making (2013) Information Sciences, 222, pp. 509-527
1080	20	Wu, J., & Cao, Q. W. (2013). Same families of geometric aggregation operators with intuitionistic trapezoidal fuzzy numbers. Applied Mathematical Modelling, Volume 37, Issues 1–2, January 2013, Pages 318–327.
1081	21	Xu, D., Z Xu, S Liu, H Zhao, A spectral clustering algorithm based on intuitionistic fuzzy information. Knowledge-Based Systems, Volume 53, November 2013, Pages 20–26
1082	22	Xu, C., Zhang, P., Li, B., Wu, D., Fan, H. Vague C-means clustering algorithm (2013) Pattern Recognition Letters, 34 (5), pp. 505-510
1083	23	Yen, P.C.P., Fan, K., Chao, H.C.J. A new method for similarity measures for pattern recognition (2013) Applied Mathematical Modelling, 37 (7), pp. 5335-5342
1084	24	Yue, Z., & Jia, Y. (2013). A method to aggregate crisp values into interval-valued intuitionistic fuzzy information for group decision making. Applied Soft Computing, Volume 13, Issue 5, May 2013, Pages 2304–2317.
1085	25	Zeng, S. (2013). Some intuitionistic fuzzy weighted distance measures and their application to group decision making. Group Decision and Negotiation, March 2013, Volume 22, Issue 2, pp 281-298
1086	26	Zeng, S., Baležentis, T., Chen, J., & Luo, G. (2013). A Projection Method for Multiple Attribute Group Decision Making with Intuitionistic Fuzzy Information. Informatica, 2013, Vol. 24, No. 3, 485–503.
1087	27	Zhang, H., Yu, L. New distance measures between intuitionistic fuzzy sets and interval-valued fuzzy sets (2013) Information Sciences, 245, pp. 181-196
1088	28	Zhao, X., Tang, S., Yang, S., Huang, K. Extended VIKOR method based on cross-entropy for interval-valued intuitionistic fuzzy multiple criteria group decision making (2013) Journal of Intelligent and Fuzzy Systems, 25 (4), pp. 1053-1066
1089	29	Zhao, H., Xu, Z., & Wang, Z. (2013). Intuitionistic Fuzzy Clustering Algorithm Based On Boole Matrix And Association Measure. International Journal of Information Technology & Decision Making, Volume 12, Issue 01, January 2013, 95-118.
106.	**Atanassov K., G. Pasi and R. Yager. Intuitionistic fuzzy interpretations of multi-person multi-criteria decision making. Proceedings of 2002 First International IEEE Symposium Intelligent Systems, Vol. 1, 115-119.**	
1090	1	Bajaj, P., Arora, V. A Novel Approach to Select an Appropriate Requirements Prioritization Technique. International Journal of Computer Applications . Sep2013, Vol. 77, p25-30.
1091	2	Bajaj, P., Arora, V. Multi-person decision-making for requirements prioritization using fuzzy AHP, Newsletter ACM SIGSOFT Software Engineering Notes, Volume 38 Issue 5, September 2013, pp. 1-6.
1092	3	Dymova, L., P. Sevastjanov, A. Tikhonenko. Two-criteria method for comparing real-valued and interval-valued intuitionistic fuzzy values. Knowledge-Based Systems, Volume 45, June 2013, Pages 166–173
1093	4	Zhang, J., Q. Wu. TOPSIS Based on vague sets. Mathematics in Practice and Theory, Vol. 36, 2006, No. 4, 79-83.
1094	5	Xu, Z. H. Liao. Intuitionistic Fuzzy Analytic Hierarchy Process, IEEE Transactions on Fuzzy Systems, Issue: 99, 2013, doi: 10.1109/TFUZZ.2013.2272585

107.	**Atanassov K., G. Pasi, R. Yager, V. Atanassova Intuitionistic fuzzy graph interpretations of multi-person multi-criteria decision making. Proc. of the Third Conf. of the European Society for Fuzzy Logic and Technology EUSFLAT' 2003, Zittau, 10-12 Sept. 2003, 177-182.**	
1095	1	Agarwal, M., Hanmandlu, M., Biswas, K.K., A probabilistic and decision attitude aggregation operator for intuitionistic fuzzy environment. International Journal of Intelligent Systems 28 (8), 2013, pp. 806-839 (2012 SJR = 1,317)
1096	2	Das, S., M. B. Kar, S. Kar. Group multi-criteria decision making using intuitionistic multi-fuzzy sets. Journal of Uncertainty Analysis and Applications 2013, 1:10. doi:10.1186/2195-5468-1-10.
1097	3	Dymova, L., P. Sevastjanov, A. Tikhonenko, Two-criteria method for comparing real-valued and interval-valued intuitionistic fuzzy values. Knowledge-Based Systems, Vol. 45, 2013, pp. 166-173
108.	**Atanassov, K. B. Riečan, On two operations over intuitionistic fuzzy sets. Journal of Applied Mathematics, Statistics and Informatics, Vol. 2, 2006, No. 2, 145-148.**	
1098	1	Michalikova, A., Some notes about boundaries on IF-sets. In: New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume I: Foundations. (K. T. Atanassov, W. Homenda, O. Hryniewicz, J. Kacprzyk, M. Krawczak, Z. Nahorski, E. Szmidt, S. Zadrozny, Eds.), IBS PAN – SRI PAS, Warsaw, 2013, 105-111.
109.	**Atanassov, K., S. Sotirov. Optimization of a neural network of self-organizing maps type with time-limits by a generalized net. Advanced Studies on Contemporary Mathematics, Vol. 13, 2006, No. 2, 213-220.**	
1099	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
110.	**Atanassov, K., S. Sotirov, A. Antonov. Generalized net model for parallel optimization of feed-forward neural network. Advanced Studies on Contemporary Mathematics, Vol. 15, 2007, No. 1, 109-119.**	
1100	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
111.	**Atanassov K., Stoeva S. Intuitionistic fuzzy sets, Polish Symp. on Interval & Fuzzy Mathematics, Poznan, Aug. 1983, Proc. 23-26.**	
1101	1	Jassim, T. H. Completely Normal and Weak Completely Normal in Intuitionistic Topological Spaces. International Journal of Scientific & Engineering Research, Volume 4, Issue 10, October-2013 438-442.
112.	**Atanassov, K., E. Szmidt, J. Kacprzyk. On some ways of determining membership and non-membership functions characterizing intuitionistic fuzzy sets. Notes on IFSs, Vol. 16, 2010, No. 4, 26-30.**	
1102	1	Guo, K. Amount of information and attitudinal based method for ranking Atanassov's intuitionistic fuzzy values. IEEE Transactions on Fuzzy Systems, Issue 99, 2013, doi: 10.1109/TFUZZ.2013.2249586
1103	2	C Martinovska, M Klekovska, I Nedelkovski. Methodologies for recognition of old Slavic Cyrillic characters, International Journal of Computational Intelligence Studies, Volume 2, Number 3–4/2013, 264-287
113.	**Atanassova E, Daskalov IK, Dotsinsky IA, Christov II, Atanassova A (1995) Non-Invasive Electrogastrography. Part 1: Correlation between the Gastric Electrical Activity in Dogs with Implanted and Cutaneous Electrodes, Archives of Physiology and Biochemistry, 103, 4, pp. 431-435**	
1104	1	Bradshaw LA, Kim J, Cheng L, Richards W (2013) Biomagnetic Signatures of Gastrointestinal Electrical Activity. Lecture notes in Computational Vision and Biomechanics, 10, pp. 141-1654
114.	**Atanassova, L. K. Atanassov. An example for a "genuine" intuitionistic fuzzy set. In: 3rd Symposium "Automation and Scientific Instrumentation", Part III, Varna, 1984, 58-60.**	
1105	1	Szmidt, E., Distances and Similarities in Intuitionistic Fuzzy Sets. Series "Studies in Fuzziness and Soft Computing" Vol. 307, Springer, 2013.

115.	**Atanassova, V. Design of training tests on generalized nets.In: Proc. of the 5th IEEE Int. Conf. on Intelligent Systems, 2010, London, UK. pp. 327-330.**	
1106	1	Todorova, M. Correctness of the formal generalized net project of the connections between procedural program functions. Proceedings of the Jangjeon Mathematical Society. Vol. 16 (2013), No. 3, pp. 353-357. ISSN 1598-7264, ISBN 89-87809-15-3
1107	2	Tashev, T., V. Monov. A computer modeling of the throughput of a crossbar switch by PI-patterns for uniform traffic with variable intensity. Proc. of the 14th International Conference on Computer Systems and Technologies CompSysTech '13, Pages 53-58. ISBN: 978-1-4503-2021-4 doi: 10.1145/2516775.2516790
116.	**Atanassova, V., Generalized Nets with Volumetric Tokens, Comptes rendus de l'Academie Bulgare des Sciences, Vol. 65, 2012, No. 11, pp. 1489–1498**	
1108	1	Antonov, A. Generalized net model for parallel optimization of hidden units in neural networks with radial basis functions. Comptes rendus de l'Academie Bulgare des Sciences, Vol. 66, 2013, No. 9, 1239–1246. ISSN. 1310-1331 (2012 IF = 0,211)
1109	2	Todorova, M. Using generalized nets for programme verification. Comptes Rendus de L'Academie Bulgare des Sciences, Vol. 66, 2013, No. 7, 961–968. ISSN. 1310-1331 (2012 IF = 0,211)
117.	**Atanassova, V. Strategies for decision making in the conditions of intuitionistic fuzziness, Advances in Soft Computing, Vol. 33, 2006, 263-269, ISBN: 3540228071, 978-354022807-3, doi: 10.1007/3-540-31182-3_23.**	
1110	1	Huang, M. K. W. Li. A novel approach to characterizing hesitations in intuitionistic fuzzy numbers. Journal of Systems Science and Systems Engineering, Vol. 22, 2013, Issue 3, 283-294. ISSN 1004-3756 (Print) 1861-9576 (Online) (2012 SJR = 0,463)
118.	**Atanassova, V. The Minimal Solution of a Problem In Generalized Nets, Proc. of 6-th International Conference IEEE Intelligence Systems'2012, 6-8 Sept., Sofia, Bulgaria, Vol. 2, 2012, 159–163.**	
1111	1	Todorova, M. Using generalized nets for programme verification. Comptes Rendus de L'Academie Bulgare des Sciences, Vol. 66, 2013, No. 7, 961–968. ISSN. 1310-1331 (2012 IF = 0,211)
119.	**Atanassova, V., S. Fidanova, I. Popchev, P. Chountas, Chapter 5: Generalized Nets, ACO Algorithms, and Genetic Algorithms, In: Monte Carlo Methods and Applications, Proceedings of the 8th IMACS Seminar on Monte Carlo Methods, August 29 - September 2, 2011, Borovets, Bulgaria (Sabelfeld, K., I. Dimov, Eds.), De Gruyter, 2013, pp. 39-46, eBook ISBN: 9783110293586.**	
1112	1	Antonov, A. Generalized net model for parallel optimization of hidden units in neural networks with radial basis functions. Comptes rendus de l'Academie Bulgare des Sciences, Vol. 66, 2013, No. 9, 1239–1246. ISSN. 1310-1331 (2012 IF = 0,211)
1113	2	Todorova, M. Correctness of the formal generalized net project of the connections between procedural program functions. Proceedings of the Jangjeon Mathematical Society. Vol. 16 (2013), No. 3, pp. 353-357. ISSN 1598-7264, ISBN 89-87809-15-3
120.	**Bakalova R., Ohba, H., Zhelev, Z., Ishikawa, M., Baba, Y., Quantum dots as photosensitizers? Nature Biotechnol., 22(11), 2004, 1360-1361, ISSN 1087-0156 (print)**	
1114	1	Bruno J.G., A review of therapeutic aptamer conjugates with emphasis on new approaches, Pharmaceuticals, 2013, 6(3), 340-357.
1115	2	Chen R., V.D. Ta, F. Xiao, Q. Zhang, H. Sun., Multicolor hybrid upconversion nanoparticles and their improved performance as luminescence temperature sensors due to energy transfer, Small, 2013, 9(7), 1052-1057.
1116	3	Huang X., J. Wang, H. Liu, T. Lan, J. Ren., Quantum dot-based FRET for sensitive determination of hydrogen peroxide and glucose using tyramide reaction, Talanta, 2013, 106, 79-84.
1117	4	Kotulska M., J. Kulbacka, J. Saczko, Advances in photodynamic therapy assisted by electroporation, Curr. Drug Metab., 2013, 14(3), 309-318.
1118	5	Nguyen K.C., W.G. Willmore, A.F. Tayabali, Cadmium telluride quantum dots cause oxidative stress leading to extrinsic and intrinsic apoptosis in hepatocellular carcinoma HepG2 cells, Toxicology, 2013, 306, 114-123.
1119	6	Nyokong T., E. Antunes, Influence of nanoparticle materials on the photophysical behavior of phthalocyanines, Corrdination Chem. Rev., 2013, March 26 [Epub ahead of print].

1120	7	Othman Z.A., M.M. Alam, M. Naushad, M.F. Khan, Inorganic nanoparticles and nanomaterials based on titanium (Ti): Applications in medicine, In: "Inorganic Nanomedicine: Synthesis, Characterization and Application" (Eds. A. Al-Ahmed, A.M. Isloor, and M.N. Shaikh), Materials Science Forum, vol. 574, 2013, pp. 21-87
1121	8	Pathakoti K., H.M. Hwang, H. Xu, Z.P. Aguilar, A. Wang, In vitro cytotoxicity of CdSe/ZnS quantum dots with different surface coatings to human keratinocytes HaCaT cells, J. Environ. Sci.-China, 2013, 25(1), 163-171.
1122	9	Sapsford K.E., W.R. Algar, L. Perti, K.B. Gemmill, B.J. Casey, E. Oh, M.H. Stewart, I. L. Medintz, Functionalizing nanoparticles with biological molecules: Developing chemistries that facilitate nanotechnology, Chem. Rev., 2013, 111(3), 1904-2074.
121.	**Bakalova R., Ohba, H., Zhelev, Z., Ishikawa, M., Shinohara, Y., Baba, Y., Cross-talk between Bcr-Abl tyrosine kinase, protein kinase C and telomerase - a potential reason for resistance to Glivec in chronic myelogenous leukemia, Biochemical Pharmacol., 2003, 66 (19), 1879-1884, ISSN: 0006-2952**	
1123	1	Hosseini-Asl S.S. – Chapter 2: Telomerase: Basic and Clinical Approaches, In: "Telomere Territory and Cancer" (Ed., P. Mehdipour), Springer, 2013, p. 29
122.	**Bakalova R., Ohba, H., Zhelev, Z., Nagase, T., Jose, R., Ishikawa, M., Baba, Y., Quantum dot anti-CD conjugates: Are they potential photosensitizers or potentiators of classical photosensitizing agents in photodynamic therapy of cancer? Nano Lett. 4(9), 2004,1567-1573, ISSN • 1530-6984 (print)**	
1124	1	Gao F., X. Wang, S, Wang, M. Liu, X. Liu, X. Ye, H. Li, Bromine-substituted p-nitrostilbene derivatives: synthesis, crystal structure studies, photoluminescence and the heavy atom effect on the singlet oxygen generation by two-photon absorption, Tetrahedron, 2013, 69(13), 2720-2732.
1125	2	Geszke-Moritz M., M. Moritz, Quantum dots as versatile probes in medical sciences: Synthesis, modification and properties, Mater. Sci. Eng. C, 2013, 33(3), 1008-1021.
1126	3	Kourtesi C., A.R. Ball, Y-Y. Huang, S.M. Jachak, D.M.A. Vera, P. Khondkar, S. Gibbons, M.R. Hamblin, G.P. Tegos,Microbial efflux systems and inhibitors: Approaches to drug discovery and the challenges of clinical implementation, Open Microbiol. J., 2013, 7, 34-52.
1127	4	Liu L., Q. Miao, G. Liang, Quantum dots as multifunctional materials for tumor imaging and therapy, Materials, 2013, 6, 483-499.
1128	5	Maldonado C.R., N. Gomez-Blanco, M. Jauregui-Osoro, V.G. Brunton, L. Yate, J.C. Mareque-Rivas, QD-filled micelles which combine SPECT and optical imaging with light-induced activation of a platinum(IV) produg for anticancer applications, Chem. Commun., 2013, 49(38), 3985-3987.
1129	6	Mandal S., M. Rahaman, S. Sadhu, S.K. Nayak, Patra, A., Fluorescence switching of quantum dots in quantum dot-porphyrin-cucurbit uril assemblies, J. Phys. Chem. C, 2013, 117(6), 3069-3077.
123.	**Bakalova R., Zhelev, Z., Aoki, I., Kano, I., Designing quantum dot probes, Nature Photonics, 1(9), 2007, 487-489, ISSN. 1749-4893**	
1130	1	Sapsford K.E., W.R. Algar, L. Berti, K.B. Gemmill, B.J. Casey, E. Oh, M.H. Stewart, I. L. Medintz, Functionalizing nanoparticles with biological molecules: Developing chemistries that facilitate nanotechnology, Chem. Rev., 2013, 113(3), 1904-2074
124.	**Bakalova R., Z. Zhelev, I. Aoki, K. Masamoto, M. Mileva, T. Obata, M. Higuchi, V. Gadjeva, Kanno, I., Multimodal silica-shelled quantum dots: Direct intracellular delivery, photosensitization, toxic and microcirculation effects, Bioconjugate Chemistry, 19(6), 2008, 1135-1142, ISSN. 1520-4812**	
1131	1	Sapsford K.E., W.R. Algar, L. Berti, K.B. Gemmill, B.J. Casey, E. Oh, M.H. Stewart, I. L. Medintz, Functionalizing nanoparticles with biological molecules: Developing chemistries that facilitate nanotechnology, Chem. Rev., 2013, 113(3), 1904-2074
125.	**Bakalova R., Zhelev, Z., Kokuryo, D., Spasov, L., Aoki, I., Saga, T., Chemical nature and structure of organic coating of quantum dots is crucial for their application in imaging diagnostics, Int. J. Nanomed., 6, 2011, 1719-1732,ISSN (printed): 1176-9114. ISSN (electronic): 1178-2013**	
1132	1	Jain K.K. – Chapter 17: Role of Biotechnology in Neurosurgery, In: "Applications of Biotechnology in Neurology", DOI: 10.1007/978-1-62703-8_17, Springer, 2013.
1133	2	Shukur A., S.B. Rizvi, D. D. Whitehead, A. Seifalian, M. Azzawi, Altered sensitivity to nitric oxide donors, induced by intravascular infusion of quantum dots, in murine mesenteric alreties, Nanomedicine: Nanotechnol. Biol. Med., 2013, 9(4), 532-539.

1134	3	Ye C., Y.Q. Wang, C.G. Li, J. Yu, Y.Z. Hu, Preparation of liposomes loaded with quantum dots, fluorescence resonance energy transfer studies, and near-infrared in vivo imaging of mouse tissue, Microchimica Acta, 2013, 180(1-2), 117-125.
126.	**Bakalova R., Zhelev, Z., Kubo, T., Mileva, M., Ohba, O., Dual-labelled telome-sensing probes for quantification of telomerase activity assay, J. Biochem. Biophys. Meth., 70(3), 2007, 503-506, ISSN: 0165-022X**	
1135	1	Kim K.W., Y. Shin, A.P. Perera, Q. Liu, J.S. Kee, K. Han, Y-J. Yoon, M.K. Park., Label-free, PCR-free chip-based detection of telomerase activity in bladder cancer cells, Biosensors and Bioelectronics, 2013, 45, 152-157.
127.	**Bakalova R., Zhelev, Z., Ohba, H., Baba, Y., Quantum dot-conjugated hybridization probes for preliminary screening of siRNA sequences, J. Am. Chem. Soc., 127(32), 2005, 11328-11335, ISSN 0002-7863**	
1136	1	Krejcova L., D. Hynek, P. Kopel, V. Adam, J. Hubalek, L. Trnkova, R. Kizek., Paramagnetic particles isolation of influenza oligonucleotide labeled with CdS QDs, Chromatographia, 2013, 76(7-8), 355-362.
1137	2	Krejcova L., D. Hynek, P. Kopel, M.A.M. Rodrigo, K. Tmejova, L. Trnkova, V. Adam, J. Hubalek, R. Kizek, Quantum dots for electrochemical labeling of neuraminidase genes of H5N1, H1N1 and H3N2 influenza, Int. J. Electrochem. Sci., 2013, 8, 4457-4471.
1138	3	Seker U.O.S., H.V. Demir., Biomedical and biochemical tools for Forster resonance energy transfer enabled by colloidal quantum dot nanocrystals for life sciences, UV-VIS and Photoluminescence Spectroscopy for Nanomaterials Characterization, Springer, 2013, pp. 531-560.
128.	**Bazhyna A, Christov II, Gotchev A, Daskalov IK, Egiazarian K (2003) Powerline Interference Suppression in High-Resolution ECG, Computers in Cardiology, 30, pp. 561-564.**	
1139	1	Galeotti L, Johannesen L, Vicente J (2013) Measurement of noise in ECG signals to improve automatic delineation. Computing in Cardiology, 40, pp. 511-514, ISSN: 2325-8861
1140	2	Razzaq Nauman, Butt Maryam, Salman Muhammad, Ali, Rahat (2013) Self tuned SSRLS filter for online tracking and removal of power line interference from electrocardiogram. Int. Conf. on Modelling, Identification & Control, 31 Aug – 2 Sept, Cairo Egypt, pp. 339-343
1141	3	Razzaq Nauman, Butt Maryam, Salman Muhammad, Ali, Rahat (2013) An intelligent adaptive filter for fast tracking and elimination of power line interference from ECG signal. IEEE Int. Symp. on Computer-Based Medical Systems, 20-22 June, Porto, Portugal, pp. 251-256
1142	4	Schonle P, Schulthess F, Fateh S, Ulrich R, Huang F, Burger T, Huang Q (2013) A DC-connectable multi-channel biomedical data acquisition ASIC with mains frequency cancellation. European Solid State Device Research & Cirquits Conference, 16-20 September, Bucharest, Romania, pp. 149-152.
1143	5	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигнали. Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр.
129.	**Bazhyna A, Gotchev A, Christov II, Daskalov IK, Egiazarian K (2004) Beat-to-beat noise removal in noninvasive His-bundle electrocardiogram, Med. & Biol. Eng. & Comp, 42, 5, pp. 712-720**	
1144	1	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигнали. Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр.
130.	**Benigni R., Bossa C., Netzeva T., Rodomonte A., Tsakovska I., Mechanistic QSAR of aromatic amines: New models for discriminating between homocyclic mutagens and nonmutagens, and validation of models for carcinogens. Environmental and Molecular Mutagenesis, 48 (9), 2007, pp. 754-771.**	
1145	1	Athersuch TJ, Wilson ID, Keun HC, Lindon JC. Development of quantitative structure-metabolism (QSMR) relationships for substituted anilines based on computational chemistry. Xenobiotica. 2013 Sep;43(9):792-802.
1146	2	Bakhtyari NG, Raitano G, Benfenati E, Martin T, Young D. Comparison of in silico models for prediction of mutagenicity.J Environ Sci Health C Environ Carcinog Ecotoxicol Rev. 2013;31(1):45-66.

1147	3	Putz MV, Dudaş NA. Determining chemical reactivity driving biological activity from SMILES transformations: the bonding mechanism of anti-HIV pyrimidines. Molecules. 2013 Jul 30;18(8):9061-116.
1148	4	Tambunan, U.S.F., Pratomo, H., Parikesit, Modification of kampmann a5 as potential fusion inhibitor of dengue virus using molecular docking and molecular dynamics approach. Journal of Medical Sciences (Faisalabad) Volume 13, Issue 8, 2013, Pages 621-634
131.	**Bogdanova S., I. Pajeva, P. Nikolova, I. Tsakovska, B. Müller. Interactions of poly(vinylpyrrolidone) with ibuprofen and naproxen: experimental and modeling studies, Pharmaceut. Res., 22 (5), 2005, 806-815.**	
1149	1	Crupi, V; Fontana, A; Giarola, M; Guella, G; Majolino, D; Mancini, I; Mariotto, G; Paciaroni, A; Rossi, B; Venuti, V. Cyclodextrin-Complexation Effects on the Low-Frequency Vibrational Dynamics of Ibuprofen by Combined Inelastic Light and Neutron Scattering Experiments. JOURNAL OF PHYSICAL CHEMISTRY B, 117 (14):3917-3926; 10.1021/jp400509r APR 11 2013
1150	2	Crupi, V; Guella, G; Longeville, S; Majolino, D; Mancini, I; Paciaroni, A; Rossi, B; Venuti, V. Influence of Chirality on Vibrational and Relaxational Properties of (S)- and (R,S)-Ibuprofen/methyl-β-cyclodextrin Inclusion Complexes: An INS and QENS Study. JOURNAL OF PHYSICAL CHEMISTRY B, 117 (39):11466-11472; 10.1021/jp403099a OCT 3 2013.
1151	3	Mallick, S; Pradhan, SK. Characterization of Particle Packing and Drug Release Studies After Solvent Evaporation of Ibuprofen, Avicel, and Aerosil. PARTICULATE SCIENCE AND TECHNOLOGY, 31 (3):301-308; 10.1080/02726351.2012.732678 MAY 1 2013
1152	4	Maver, U; Bele, M; Jamnik, J; Gaberscek, M; Planinsek, O. A fast and simple method for preparation of calcium carbonate-drug composites for fast drug release. MATERIALS RESEARCH BULLETIN, 48 (1):137-145; JAN 2013
1153	5	Oftadeh, M, NM Mahani. Polymer drug interactions in hiadiazolylthioacetamide derivatives–linear dendritic copolymer nanoparticles: ONIOM approach. Journal of Pharmaceutical Investigation, 43, 323-331, May 2013
1154	6	Paroha S., R. Dhar Dubey, S. Mallick. Physicochemical interaction of naproxen with aluminium hydroxide and its effect on dissolution. FARMACIA, 2013, Vol. 61, 1, 103-115
132.	**Bortolan G, Bressan M, Christov I (2009) Review on the diagnostic potentials of the T-loop morphology in VCG. Bioautomation, 13, (4), pp. 55-71**	
1155	1	Valentinuzzi ME, Arini PD, Laciar E, Bonomini MP, Correa RO (2013) Cardiac risk assessment: When and who?. IEEE Pulse, 4, (4), pp. 38-48
133.	**Bortolan G, Christov II (2008) Principal component analysis for the detection and assessment of T-wave alternans. Computers in Cardiology, 35, pp. 521-524**	
1156	1	Naseri H, Pourkhajeh H, Homaeinezhad MR (2013) A unified procedure for detecting, quantifying, and validating electrocardiogram T-wave alternans. Medical & Biological Engineering & Computing, 51, (9), pp. 1031-1042
134.	**Bortolan G, Christov I (2012) T-wave alternans detection by a combined method of principal component analysis and T-wave amplitude. Physiological Measurement, 33, pp. 333-343.**	
1157	1	Naseri H, Pourkhajeh H, Homaeinezhad MR (2013) A unified procedure for detecting, quantifying, and validating electrocardiogram T-wave alternans. Medical & Biological Engineering & Computing, 51, (9), pp. 1031-1042
135.	**Bortolan G, Jekova I, Christov I (2005) Comparison of four methods for premature ventricular contractions and normal beats clustering. IEEE Computers in Cardiology, 32, pp. 921-924**	
1158	1	Augustyniak P, Czopek K (2013) Wykorzystanie sieci neuronowych do przetwarzania sygnałów bioelektrycznych na przykładzie EKG. Chapter 4, pp. 101-146. In: Neural Networks in Biomedical Engineering, Vol. 9, eds: Tadeusiewicz R, Korbicz J, Rutkowski L, Duch W
1159	2	Baali H, Akmeliawati R, Salami MJE (2013) Regularized least squares applied to heartbeat classification using transform-based and RR intervals features. Int. Conf. on Bioinformatics Models, Methods and Algorithms, 11-14 February, Barcelona, Spain, pp. 164-170.
1160	3	Bashir MEA, Shon HS, Lee DG, Kim H, Ryu KH (2013) Real-time automated cardiac health monitoring by combination of active learning and adaptive feature selection. KSII Transactions on Internet and Information Systems 7, (1), pp. 99-118, ISSN: 1976-7277

1161	4	Rockstroh, Christian (2013) Novel algorithms and rating methods for high-performance ECG classification. Dr of Sci thesis, Friedrich Alexander Universität, Erlangen Nürnberg, 232 pages, http://opus4.kobv.de/opus4-fau/files/4031/ChristianRockstrohDissertation.pdf
136.	**Boucher F., Taneva S.G., Elouatik S., Dery M., Messaoudi S., Harvey-Girard E., Beaudoin N., Reversible inhibition of proton release activity and the anesthetic-induced acid-base equilibrium between the 480 and 570 nm forms of bacteriorhodopsin, Biophysical Journal, 70(2 I), 1996, 948-961.**	
1162	1	Lee Y., Yang I., Lee J.E., Hwang S., Lee J.W., Um S.-S., Nguyen T.L., Yoo P.J., Woo H.Y., Park J., Kim S.K., Enhanced photocurrent generation by förster resonance energy transfer between phospholipid-assembled conjugated oligoelectrolytes and nile red, Journal of Physical Chemistry C, 117(7), 2013, 3298-3307.
1163	2	Wagner N.L., Greco J.A., Ranaghan M.J., Birge R.R., Directed evolution of bacteriorhodopsin for applications in bioelectronics, Journal of the Royal Society Interface, 10(84), 2013, art. no. 20130197.
137.	**Boyanov B., S. Hadjitodorov. Acoustic analysis of pathological voices. A voice analysis system for the screening of laryngeal diseases. IEEE Engineering in Medicine and Biology Magazine, vol.16, No 4, 1997, pp.74-82.**	
1164	1	Hariharan, M., K. Polat, S. Yaacob. A new feature constituting approach to detection of vocal fold pathology, International Journal of Systems Science, 2013, DOI:10.1080/00207721.2013.794905
1165	2	Rubén Fraile , Juan Ignacio Godino-Llorente, Nicolás Sáenz-Lechón,Víctor Osma-Ruiz, Juana María Gutiérrez-Arriola. Characterization of Dysphonic Voices by Means of a Filterbank-Based Spectral Analysis: Sustained Vowels and Running Speech, Journal of Voice, 27 (1), 2013, pp. 11 – 23, Available online 9 November 2012, http://dx.doi.org/10.1016/j.jvoice.2012.07.004
1166	3	Salhi, L., Cherif, A. Selection of pertinent acoustic features for detection of pathological voices, Proc. 5th International Conference on Modeling, Simulation and Applied Optimization (ICMSAO), 2013, 28-30 April 2013, Hammamet, pp.1 - 6 , ISBN: 978-1-4673-5812-5 ,INSPEC Accession Number:13641200 ,DOI : 10.1109/ICMSAO.2013.6552723
1167	4	Salhi, L., A. Cherif. Robustness of Auditory Teager Energy Cepstrum Coefficients for Classification of Pathological and Normal Voices in Noisy Environments, The Scientific World Journal, 2013, art. no. 435729.
1168	5	Zhou Q., X. Zhang, J. Gu, . Zhao, J. Zhu, Zh. Tao. Using Degree of Difference of Multi-Parameter for Vocal Cord Disease Voice Recognition, Chinese Journal of Electron Devices, 2013, 36(3), TN912.34
138.	**Boyanov, B. T. Ivanov, S. Hadjitodorov, G. Chollet, "Robust hybrid pitch detector". Electronics letters, Vol. 29, No. 22, 1993, pp. 1924-1926**	
1169	1	Costa WCA, Costa SLNC, Assis FM, Aguiar Neto BG. Classificação de sinais de vozes saudáveis e patológicas por meio da combinação entre medidas da análise dinâmica não linear e codificação preditiva linear , (Rev. Bras. Eng. Biom., v. 29, n. 1, p. 1-12, mar. 2013), Braz. J. Biom. Eng., 29(1), 1-12, Mar. 2013, http://dx.doi.org/10.4322/rbeb.2013.010
1170	2	Costa, W.C.A., Costa, S.L.N.C., de Assis, F.M., Neto, B.G.A. Healthy and pathological voice assessment by means of nonlinear dynamic analysis measures and linear predictive coding, Revista Brasileira de Engenharia Biomedica, 29 (1), 2013, 3 - 14. http://dx.doi.org/10.4322/rbeb.2013.010
1171	3	Hariharan, M., K. Polat, S. Yaacob. A new feature constituting approach to detection of vocal fold pathology, International Journal of Systems Science, 2013, DOI:10.1080/00207721.2013.794905
1172	4	Hariharan, M., K. Polat, R. Sindhu, S. Yaacob. A Hybrid Expert System Approach for Telemonitoring of Vocal Fold Pathology, Applied Soft Computing , 13 (10), pp. 4148 - 4161 . http://dx.doi.org/10.1016/j.asoc.2013.06.004
1173	5	de Moraes Lima Marinus, Joao Vilian; de Araujo, Joseana Macedo Fechine Regis; Gomes, Herman Martins; Costa, Silvana Cunha. On the use of cepstral coefficients, multilayer perceptron networks and Gaussian mixture models for Vocal Fold Edema Diagnosis, Proc.Biosignals and Biorobotics Conference (BRC), 2013 ISSNIP, Rio de Janerio, Brazil, pp.313-318, ISSN: 2326-7771,Print ISBN: 978-1-4673-3024-4, DOI : 10.1109/BRC.2013.6487543

139.	**Çakırlar H., N.Çiçek, I. Fedina, K. Georgieva, A.Doğru, M. Velitchkova (2008) NaCl Induced Cross-Acclimation to UV-B Radiation in Four Barley (Hordeum vulgare L.) Cultivars. Acta Physiol. Plant. 30, 561-567. ISSN 0137-5881**	
1174	1	Rong Hui, Xinrong Li, Cuiyun Chen, Xin Zhao, Rongliang Jia, Lichao Liu, Yongping Wei. Responses of photosynthetic properties and chloroplast ultrastructure of Bryum argenteum from a desert biological soil crust to elevated ultraviolet-B radiation. Physiol. Plant. 147, 2013, 489-501. DOI: 10.1111/j.1399-3054.2012.01679.x
1175	2	Pirie A., Parsons D., Renggli J., Narkowicz C., Jacobson G.A., Shabala S. Modulation of flavonoid and tannin production of Carpobrotus rossii by environmental conditions. Environm. Exp. Bot. 87, 2013, 19-31. doi.org/10.1016/j.envexpbot.2012.10.001
1176	3	Koga R., Meng Tianxiao, Nakamura E., Miura C., Irino N., Yahara S., Kondo R. Model Examination for the Effect of Treading Stress on Young Green Barley (Hordeum vulgare). American Journal of Plant Sciences, 4, 2013, 174-181 doi:10.4236/ajps.2013.41023.
140.	**Cerbai F., Lana D., Nosi D, Petkova-Kirova P., Zecchi S., Brothers H.M., Wenk G.L., Giovannini M.G., The neuron-astrocyte-microglia triad in normal brain ageing and in a model of neuroinflammation in the rat hippocampus, PLoS One. 2012;7(9):e45250. doi: 10.1371**	
1177	1	Astiz M., Diz-Chaves Y., Garcia-Segura L.M., Sub-chronic exposure to the insecticide dimethoate induces a proinflammatory status and enhances the neuroinflammatory response to bacterial lypopolysaccharide in the hippocampus and striatum of male mice, Toxicology and Applied Pharmacology, 272 (2), 2013, 263-271, ISSN: 0041-008X
1178	2	Daulatzai M.A., Neurotoxic saboteurs: Straws that break the Hippo's (Hippocampus) back drive cognitive impairment and Alzheimer's disease, Neurotoxicity Research, 24 (3), 2013, 407-459. ISSN: 1029-8428 (print version), ISSN: 1476-3524 (electronic version)
1179	3	Hinojosa A.E., Caso J.R., García-Bueno B., Leza J.C., Madrigal J.L.M., Dual effects of noradrenaline on astroglial production of chemokines and pro-inflammatory mediators Journal of Neuroinflammation, 10, art. no. 81, 2013, ISSN: 1742-2094
1180	4	Suman S., Rodriguez O.C., Winters T.A., Fornace A.J., Albanese C., Datta K., Therapeutic and space radiation exposure of mouse brain causes impaired dna repair response and premature senescence by chronic oxidant production, Aging, 5 (8), 2013, 607-622. Online ISSN: 1945-4589
141.	**Chakarov V, J.R. Naranjo, J. Schulte-Mönting,W. Omlor,F. Huethe,R. Kristeva. Beta-Range EEG-EMG Coherence with Isometric Compensation for Increasing Modulated Low-Level Forces. J Neurophysiol., 102: 2, 2009, 1115-1120**	
1181	1	Bazanova O.M., D. Vernon. Interpreting EEG Alpha Activity. Neuroscience & Biobehavioral Reviews. Available online 20 May 2013. doi: 10.1016/j.neubiorev.2013.05.007.
1182	2	Chen S., J. Entakli, M. Bonnard, E. Berton, J.B. De Graaf. Functional Corticospinal Projections from Human Supplementary Motor Area Revealed by Corticomuscular Coherence during Precise Grip Force Control. PLOS ONE, 8 (3) DOI: 10.1371/journal.pone.0060291
1183	3	Cremoux S., J. Tallet, E. Berton, F. Dal Maso, D. Amarantini. Does the Force Level Modulate the Cortical Activity during Isometric Contractions after a Cervical Spinal Cord Injury? Clinical Neurophysiology, 124 (5) , 2013, 1005-1012.
1184	4	Heitmann S. A. Principles of Encoding Motor Commands in Travelling Waves of Neural Oscillations. A thesis submitted in fulfilment of the requirements for the degree of Doctor of Philosophy in Psychiatry at the University of New South Wales, June 24, 2013, THE UNIVERSITY OF NEW SOUTH WALES SCHOOL OF PSYCHIATRY.
1185	5	Hori S., J. Matsumoto, E. Hori, N. Kuwayama, T. Ono, S. Kuroda, H. Nishijo. Alpha- and Theta-Range Cortical Synchronization and Corticomuscular Coherence During Joystick Manipulation in a Virtual Navigation Task. Brain Topography, 26 (4) , 2013, 591-605.
1186	6	Kamp D., V. Krause, M. Butz, A. Schnitzler, B. Pollok. Changes of Cortico-Muscular Coherence: An Early Marker of Healthy Aging?, Age, 35 (1), 2013, 49-58.
1187	7	Ng T.H.B., P.F. Sowman, J. Brock, B.W. Johnson. Neuromagnetic Imaging Reveals Timing of Volitional and Anticipatory Motor Control in Bimanual Load Lifting. Behavioural Brain Research, 247 (15), 2013, 182–192.
1188	8	Notturno F., L. Marzetti, V. Pizzella, A. Uncini, F. Zappasodi. Local and Remote Effects of Transcranial Direct Current Stimulation on the Electrical Activity of the Motor Cortical Network. Human Brain Mapping, 2013, doi: 10.1002/hbm.22322.
1189	9	Ping X., M. Peipei, C. Xiaoling, L. Xiaoli, S. Yuping. Information Transfer Index-A Promising Measure of the Corticomusclar Interaction. Engineering, 2013, 5, 57-61.

1190	10	Plattner K., M. Lambert, N. Tam , R. Lamberts, J. Baumeister. Changes in Cortical Beta Activity Related to a Biceps Brachii Movement Task while Experiencing Exercise Induced Muscle Damage. Physiology and Behavior, Available online 25 September 2013 (in press).
1191	11	Sui J.F., C.Young, L.H. Ji. Effects of Non-Rhythmical Paroxysmal Stimulation on EEG-EMG Coherence during Still Standing in Humans. Advanced Materials Research, 749, 2013, 418-422.
1192	12	Wach C., V. Krause, V. Moliadze, W. Paulus, B. Pollok. The Effect of 10 Hz Transcranial Alternating Current Stimulation (Tacs) on Corticomuscular Coherence. Front Hum Neurosci., 7, 2013; 502- 511.
1193	13	Wu X., W. Li, S. Shen, X. Zheng, Y. Zhang, W. Hou. Corticomuscular Coherence Modulation with the Pattern of Finger Force Coordination. Neural Systems and Rehabilitation Engineering, IEEE Transactions, 21 (5), 2013, 812-819.
142.	**Chakarov V.E., A.G. Shannon,J.G. Sorsich, K.T. Atanassov. Generalized Net Model of the Endocrine System. Comptes Rendus de L'Academie Bulgare des Sciences, 61 (6), 2008, 705-711.**	
1194	1	Todorova L., P.Vassilev, M. Matveev, V. Krasteva, I. Jekova, S. Hadjitodorov, G. Georgiev, S. Milanov. Generalized Net Model of a Protocol for Weaning from Mechanical Ventilation. Comptes Rendus de L'Academie Bulgare des Sciences, 66 (10), 2013, 1385-1392
143.	**Christov II (2000) Dynamic powerline interference subtraction from biosignals, Jour. of Med. Eng. & Tech., 24, 4, pp. 169-172**	
1195	1	Mihov J (2013) Complex filters for the subtraction procedure for power–line interference removal from ECG. Int. J. of Reasoning-based Intelligent Systems, 5, pp. 146-153.
1196	2	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигнали. Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр.
144.	**Christov II (2004) Real time electrocardiogram QRS detection using combined adaptive threshold, Biomedical Engineering Online, 3, 28, http://www. biomedical-engineering-online.com/content/3/1/28**	
1197	1	Ahmad Khoureich (2013) Méthodes à faible complexité algorithmique pour l'analyse d'ECG. PhD thesis, Institut de Recherche Mathématique de Rennes, Université de Rennes 1, 89 pages, http://tel.archives-ouvertes.fr/docs/00/81/64/45/PDF/KA_Ahmad_Khoureich.pdf
1198	2	Ben-Simon E, Podlipsky I, Okon-Singer H, Gruberger M, Cvetkovic D, Intrator N, Hendler T (2013) The dark side of the alpha rhythm: fMRI evidence for induced alpha modulation during complete darkness. Eur. J. of Neuroscience, 37, (5), pp. 795-803, ISSN: 0953-816X
1199	3	Canento F, Lourenço A, Silva H, Fred A (2013) On real time ECG segmentation algorithms for biometric applications. Int.Conf. on Bio-inspired Systems and Signal Processing, 11-14 February, Barcelona, Spain, pp. 228-235.
1200	4	Dohare RK, Kumar V, Kumar R (2013) An efficient new method for the detection of QRS in electrocardiogram. Computers & Electrical Engineering, 14 pages, http://www.sciencedirect. com/science/article/pii/S0045790613002863
1201	5	Elgendi M, Eskofier B, Dokos S, Abbott D (2013) Revisiting QRS detection methodologies for portable, wearable, battery-operated, and wireless ECG systems. Digital Signal Processing, 36 pages, http://www.rxiv.org/pdf/1301.0058v2.pdf
1202	6	Garcia NM, Tavares P, Miguel R, Trindade I, Lucas J, Pereira M, (2013) Resilient heart-beat detection algorithm for signals captured by smart textiles. 5 pages, http://www.researchgate.net/publication/258221058_Resilient_heart-beat_detection_algorithm_for_signals_captured_by_smart_textiles/file/9c96052763de62aa71.pdf
1203	7	Georgieva-Tsaneva G (2013) QRS detection algorithm for long term Holter records. Conf. on Computer Systems and Technologies, 28-29 June, Ruse, 112-119
1204	8	Gruberger M, Maron-Katz A, Sharon H,Hendler T,Ben-Simon E (2013) The wandering mood: psychological and neural determinants of rest-related negative affect. Frontiers in Psychology, 4, 916, 10 pages, DOI : 10.3389/fpsyg.2013.00961
1205	9	Gutierrez Rivas Raquel, Dominguez Juan Jesus Garcia, Marnane William P, Twomey Niall, Temko Andrey (2013) Real-time allergy detection. IEEE Symposium on Intelligent Signal Processing, pp. 21-26

1206	10	Hadj Slimane (2013) Analyse et synthese de methodes de detection du complexe QRS du signal electrocardiogramme. PhD thesis, Universite Abou-Bakr Belkaid-Tlemcen, Algerie 112 pages, http://dspace.univ-tlemcen.dz/bitstream/112/3030/1/fin.pdf
1207	11	Kuzilek, Jakub (2013) Independent Component Analysis: Applications in ECG signal processing. PhD thesis, Faculty of Electrical Engineering, Czech Technical University in Prague, 115 pages.
1208	12	Kuzilek J, Lhotska L (2013) Advanced signal processing techniques for fetal ECG analysis. Computing in Cardiology, 40, pp. 65-68, ISSN: 0967-3334
1209	13	Kuzilek J, Lhotska L (2013) Beat detection enhancing AdaBoost. Int.Conf. on Bio-inspired Systems and Signal Processing, 11-14 February, Barcelona, Spain, pp. 280-283.
1210	14	Kuzilek J, Lhotska L (2013) Electrocardiogram beat detection enhancement using Independent Component Analysis. Medical Engineering and Physics, 35, (6), pp. 704-711.
1211	15	Liu NT, BatchinskyAI, Cancio LC, Salinas J (2013) The impact of noise on the reliability of heart-rate variability and complexity analysis in trauma patients. Computers in Biology and medicine, 43, (11), pp. 1955-1964.
1212	16	Liu NT, BatchinskyAI, Cancio LC, Baker WL, Salinas J (2013) Development and validation of a novel fusion algorithm for continuous, accurate, and automated R-wave detection and calculation of signal-derived metrics. J. of Critical Care,28, (5), pp. e9-e18
1213	17	Liu NT, Cancio LC, Salinas J, Batchinsky AI (2013) Reliable real-time calculation of heart-rate complexity in critically ill patients using multiple noisy waveform sources. J. of Clinical Monitoring and Computing, 27,
1214	18	Marchal-Crespo L, Zimmermann R., Lambercy O, Edelmann J, Fluet M-C, Wolf M, Gassert R., Riener R. (2013) Motor execution detection based on autonomic nervous system responses. *Physiological Measurement*, 34, (1), pp. 35 – 51, ISSN 0967-3334.
1215	19	Muthuraman M, Galka A, Hong VN, Heute U (2013) Cortico-muscular coherence on artifact corrected EEG-EMG data recorded with a MRI scanner. IEEE Int. Conf. of Engineering in Medicine and Biology Society (EMBC), 3-7 July, Osaka, Japan, pp. 4811-4814.
1216	20	Saini I, Singh D, Khosla A (2013) QRS detection using K-Nearest Neighbor algorithm (KNN) and evaluation on standard ECG databases. Journal of Advanced Research, 4, (4), pp. 331-344, ISSN: 2090-1232.
1217	21	Silva H, Lourenço A, Canento F, Fred A, Raposo N (2013) ECG biometrics: Principles and applications. Int.Conf. on Bio-inspired Systems and Signal Processing, 11-14 February,Barcelona, Spain, pp. 215-220
1218	22	Thomas De Cooman (2013) Aanvalsdetectie op basis van veranderingen in het ECG in patiënten met epilepsie. MS thesis, Faculteit Ingenieurswetenschappen en Architectuur. MS thesis, Universiteit Gent, 81 pages, http://lib.ugent.be/fulltxt/RUG01/002/033/171/RUG01-002033171_2013_0001_AC.pdf
1219	23	Vit Dolezal (2013) Ballistocardiogram artifact removal from EEG signal. Brno University of Technology, MS thesis, 72 pages, https://dspace.vutbr.cz/xmlui/bitstream/handle/11012/7679/zaverecna_prace_dolezal.pdf?sequence=2
1220	24	Wieser M, Gisler S, Sarabadani A, Ruest RM, Buetler L, Vallery H, Klamroth-Marganska V, Hund-Georgiadis M, Felder M, Schoenberger JL, Gutknecht C, Riener R (2013) Cardiovascular control and stabilization via inclination and mobilization during bed rest. Medical & Biological Engineering & Computing. DOI: 10.1007/s11517-013-1119-5
1221	25	Zimmermann R, Marchal-Crespo L, Edelmann J, Lambercy O, Fluet MC, Riener R, Wolf M, Gassert R (2013) Detection of motor execution using a hybrid fNIRS-biosignal BCI: a feasibility study. Journal of NeuroEngineering and Rehabilitation,10, 4, 28 pages, http://www.jneuroengrehab.com/content/10/1/4/abstract, ISSN 1743-0003
145.	**Christov I (2006) Power-line interference elimination from ECG: dynamic evaluation of the linearity criterion. Electrotechnika & Electronica E+E, 7-8, pp. 34-39.**	
1222	1	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигналилл Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр

146.	**Christov I, Bortolan G (2004) Ranking of pattern recognition parameters for premature ventricular contractions classification by neural networks, Physiological measurement, 25, pp. 1281-1290**	
1223	1	Bashir MEA, Shon HS, Lee DG, Kim H, Ryu KH (2013) Real-time automated cardiac health monitoring by combination of active learning and adaptive feature selection. KSII Transactions on Internet and Information Systems 7, (1), pp. 99-118, ISSN: 1976-7277
1224	2	Javadi M (2013) Combining neural networks and ANFIS classifiers for supervised examining of electrocardiogram beats. Journal of Medical Engineering & Technology, 37, (8), pp. 484-497
1225	3	Rockstroh, Christian (2013) Novel algorithms and rating methods for high-performance ECG classification. Dr of Sci thesis, Friedrich Alexander Universität, Erlangen Nürnberg, 232 pages, http://opus4.kobv.de/opus4-fau/files/4031/ChristianRockstrohDissertation.pdf
1226	4	Sansone M, Fusco R, Pepino A, Sansone C (2013) Electrocardiogram pattern recognition and analysis based on artificial neural networks and support vector machines: A review. Journal of Healthcare Engineering, 4, (4), pp. 465-504.
147.	**Christov I, Bortolan G, Daskalov I (2001) Automatic detection of atrial fibrillation and flutter by wave rectification method, Jour. of Med. Eng. & Tech., 25, 5, pp. 217-221**	
1227	1	Lee J, McManus DD, Bourrell P, Sörnmo L, Chon KH (2013) Atrial flutter and atrial tachycardia detection using Bayesian approach with high resolution time–frequency spectrum from ECG recordings. Biomedical Signal Processing and Control, 8, (6), pp. 992-999.
148.	**Christov I, Bortolan G, Daskalov I (2001) Sequential analysis for automatic detection of atrial fibrillation and flutter, IEEE Computers in Cardiology, 28, pp. 293-296.**	
1228	1	Maji U, Mitra M, Pal S (2013) Automatic detection of atrial fibrillation using empirical mode decomposition and statistical approach. Procedia Technology, 10, pp. 45–52
149.	**Christov I, Bortolan G, Simova I, Katova T (2010) T wave and QRS complex alternans during standard diagnostic stress ECG test. Computing in Cardiology, 37, pp. 1039-1042, ISSN 0276-6574**	
1229	1	Kaveh A, Chung W (2013) Classification of hydration status using electrocardiogram and machine learning. Int. Symp. on Computational Models for Life Sciences, 27-19 November, Sydney, Australia, pp. 240-249
150.	**Christov I, Bortolan G, Simova I, Katova T (2012) T wave and QRS complex alternans during stress ECG testing according to the presence or absence of diabetes mellitus. Journal of Endocrinology and Metabolism, 2, (1), pp. 32-38.**	
1230	1	Naseri H, Pourkhajeh H, Homaeinezhad MR (2013) A unified procedure for detecting, quantifying, and validating electrocardiogram T-wave alternans. Medical & Biological Engineering & Computing, 51, (9), pp. 1031-1042
151.	**Christov II, Daskalov IK (1999) Filtering of electromyogram artifacts from the electrocardiogram, Med. Eng. & Phys., 21, 10, pp. 731-736**	
1231	1	Adeyemo ZK, Olayanju SA (2013) Electrocardiogram signals error correction using empirical mode decomposition based technique. Int. J. of Applied Science and Technology, 3, (20), pp.44-54, ISSN: 2221-0997.
1232	2	Ahmad I, Ansari F, Dey UK (2013) Power line noise reduction in ECG by Butterworth notch filters: A comparative study. Int. J. of Electronics, Communication & Instrumentation Engineering Research and Development, 3, (3), pp. 65-74.
1233	3	Bagheri F, Ghafarnia N, Bahrami F (2013) Electrocardiogram (ECG) signal modeling and noise reduction using hopfield neural networks. Engineering, Technology & Applied Science Research, 3, (1), pp. 345-348, ISSN: 1792-8036
1234	4	Joy J, Manimegalai P (2013) Wavelet based EMG artifact removal from ECG signal. Journal of Engineering Computers & Applied Sciences, 2, (8), pp. 55-58.
1235	5	Mihov J (2013) Complex filters for the subtraction procedure for power–line interference removal from ECG. Int. J. of Reasoning-based Intelligent Systems, 5, pp. 146-153.
1236	6	Turajlic E (2013) A fully automatic method for accurate parametrization and reconstruction of ECG waveforms. Biomedical Engineering Conf. 13-15 February, Innsbruck, Austria, CD-version, DOI: 10.2316/P.2013.791-056

1237	7	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигнали. Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр.
152.	**Christov, II, Dotsinsky, IA (1987) Digital elimination of 50 Hz interference from ECG signals, 7-th Hungarian Conference of Biomedical Engineering, Esztergom, September, pp. 85-87.**	
1238	1	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигналилл Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр
153.	**Christov II, Dotsinsky IA (1988) New approach to the digital elimination of 50 Hz interference from the electrocardiogram, Med. & Biol. Eng. & Comp., 26, pp. 431-434**	
1239	1	Dobrev DP, Neycheva TD (2013) Analog approach for common mode impedance balance in two-electrode biosignal amplifiers. Annual Journal of Electronics, 7, pp. 68-71, ISSN: 1314-0078
1240	2	Dobrev DP, Neycheva TD (2013) Digital lock-in technique for input impedance balance in two-electrode biosignal amplifiers. Annual Journal of Electronics, 7, pp. 64-67, ISSN: 1314-0078
1241	3	Krishnan J, Khambete ND, Rajan A, Benjamin B (2013) Ultra low power electrophysiological monitoring system based on android platform. Int. J. of Scientific & Engineering Research, 4, (12), pp. 856-860, ISSN 2229-5518
1242	4	Mihov J (2013) Complex filters for the subtraction procedure for power–line interference removal from ECG. Int. J. of Reasoning-based Intelligent Systems, 5, pp. 146-153.
1243	5	Piskorowski J (2013) Time-efficient removal of power-line noise from EMG signals using IIR notch filters with non-zero initial conditions. Biocybernetics and Biomedical Engineering, 33, (3), pp. 171-178.
1244	6	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигнали. Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр.
154.	**Christov II, Dotsinsky IA, Daskalov IK (1992) High-pass filtering of ECG signals using QRS elimination, Med. & Biol. Eng. & Comp., 30, pp. 253-256**	
1245	1	Elgendi M, Eskofier B, Dokos S, Abbott D (2013) Revisiting QRS detection methodologies for portable, wearable, battery-operated, and wireless ECG systems. Digital Signal Processing, 36 pages, http://www.rxiv.org/pdf/1301.0058v2.pdf
1246	2	Elgendi M (2013) On QRS detection methodologies: a revisit for mobile phone applications, wireless ECG monitoring and large ECG databases analysis, Digital Signal Processing, 26 pages, http://vixra.org/pdf/1301.0058v1.pdf
1247	3	Verma R, Mehrotra R, Bhateja V (2013) A new morphological filtering algorithm for pre-processing of electrocardiographic signals. Lecture Notes in Electrical Engineering, 221, pp. 193-201, ISSN: 1876-1100
1248	4	Verma R, Mehrotra R, Bhateja V (2013) An improved algorithm for noise suppression and baseline correction of ECG signals Advances in Intelligent Systems and Computing, 199, pp. 733-739, ISSN: 2194-5357
1249	5	Verma R, Mehrotra R, Bhateja V (2013) An integration of improved median and morphological filtering techniques for electrocardiogram signal processing. Advance Computing Conference, 22-23 February, Ghaziabad, India, pp. 1223-1228.
1250	6	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигнали. Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр.
155.	**Christov I, Dotsinsky I, Simova I, Prokopova R, Trendafilova E, Naydenov S (2006) Dataset of manually measured QT intervals in the electrocardiogram, Biomedical Engineering Online, 5, (31), pp. 1-8, http://www.biomedical-engineering-online.com/content/5/1/31**	
1251	1	Oster J, Geist M, Pietquin O, Clifford GD (2013) Filtering of pathological ventricular rhythms during MRI scanning. Int. J. of Bioelectromagnetism, 15, (1), pp. 54-59, ISSN: 1456-7857
1252	2	Sandhya G, Venkatarao E, Sushil D, Abhay M (2013) A study of the QT interval of healthy individuals and its determinants in the Indian setting. Indian Journal of Public Health Research & Development, 4, (4), pp. 249-253.

1253	3	Zhu T, Johnson AEW, Behar J, Clifford GD (2013 in press) Crowd-sourced annotation of ECG signals using contextual information. Annals of Biomedical Engineering, http://link.springer.com/article/10.1007/s10439-013-0964-6
1254	4	Zhu T, Johnson AEW, Behar J, Clifford GD (2013) Bayesian voting of multiple annotators for improved QT interval estimation. Computing in Cardiology, 40, pp. 659-662, ISSN: 2325-8861
156.	**Christov I, Gómez-Herrero G, Krasteva V, Jekova I, Gotchev A, Egiazarian K (2006) Comparative study of morphological and time-frequency ECG descriptors for heartbeat classification, Medical Engineering & Physics, 28, (9), pp. 876-887**	
1255	1	Ali MSAM, Shaari NF, Julai N, Jahidin AH, Amiruddin AI, Noor MZH, Saaid MF (2013) Robust arrhythmia classifier using hybrid multilayered perceptron network. IEEE Int. Colloquium on Signal Processing and its Applications, 8-10 March, Kuala Lumpur, Malaysia, pp. 304-309
1256	2	Amiruddin AI, Ali MSAM, Saaid MF, Jahidin AH, Noor MZH, (2013) Feature reduction and arrhythmia classification via hybrid multilayered perceptron network. IEEE Int. Conf. on System Engineering and Technology, 19-20 August, Shah Alam, Malaysia, pp 290-294
1257	3	Benali Radhwane (2013) Analyse du signal ECG par réseau adaptif d'ondelettes en vue de la reconnaissance de pathologies cardiaques. PhD thesis, Faculte de Technologie, Université Abou Bekr Belkaid, 140 pages, http://dspace.univ-tlemcen.dz/bitstream/112/2289/1/BENALI-Radhwane.pdf
1258	4	Christian Rockstroh (2013) Novel algorithms and rating methods for high-performance ECG classification. Dr of Sci thesis, Friedrich Alexander Universität, Erlangen Nürnberg, 232 pages, http://opus4.kobv.de/opus4-fau/files/4031/ChristianRockstrohDissertation.pdf
1259	5	Das MK, Ari S (2013) ECG arrhythmia recognition using artificial neural network with S-transform based effective features. IEEE India Conf., 13-15 December, Bombay, 6 pages, http://dspace.nitrkl.ac.in:8080/dspace/bitstream/2080/2034/1/indicon_2013.pdf
1260	6	Feigler Igor (2013) Time frequency analysis of ECG signals. BSC Thesis, Faculty of Science, Masaryk University, Institute of Biostatistics and Analyses MU, Research Centre for Toxic Compounds in the Environment, Brno, Czech Republic, 65 pages, http://is.muni.cz/th/372231/prif_b/bsc_thesis.pdf
1261	7	Ghasemzadeh H, Ostadabbas S, Guenterberg E, Pantelopoulos A (2013) Wireless medical-embedded systems: A review of signal-processing techniques for classification. IEEE Sensors Journal, 13, (2), pp. 423 – 437, ISSN: 1530-437X
1262	8	Hoseini Sabzevari, Majid Moavenian (2013 in press) QRS complex detection based on simple robust 2-D pictorial-geometrical feature. Journal of Medical Engineering & Technology, 7 pages, DOI: 10.3109/03091902.2013.845699
1263	9	Javadi M (2013) Combining neural networks and ANFIS classifiers for supervised examining of electrocardiogram beats. Journal of Medical Engineering & Technology, 37, (8), pp. 484-497.
1264	10	Kumar RG (2013) Performance analysis of soft computing techniques for classifying cardiac arrhythmia, Indian J. of Computer Science and Engineering, 4, (6), pp. 459-465, ISSN: 0976-5166, http://www.ijcse.com/docs/INDJCSE13-04-06-055.pdf
1265	11	Lee Seung Hwan, Ko Hyun-Chul, Yoon Young-Ro (2013) Classification of Ventricular arrhythmia using a support vector machine based on morphological features. IEEE Int. Conf. of Engineering in Medicine and Biology Society (EMBC), 3-7 July, Osaka, Japan, pp. 5785-5788.
1266	12	Orhan U (2013) Detection of arrhythmia from ECG signals by a robust approach to outliers. Przeglad Elektrotechniczny, 89, (7), pp. 81-85
1267	13	Pachauri A, Bhuyan m (2013) Modeling of ECG using ABP and CVP signals: A system identification based approach. Int. J. of Engineering Science and Innovative Technology, 2, (6), pp. 321-330.
1268	14	Pan Shing-Tai, Wu Yi-Heng, Kung Yi-Lan, Chen Hung-Chin (2013) Heartbeat recognition from ECG signals using hidden Markov model with adaptive features. 14th ACIS Int. Conf. on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing, 1-3 July, Honolulu, USA, pp. 586-591
1269	15	Rabhi E, Lachiri Z (2013) Biometric personal identification system using the ECG signal. Computing in Cardiology, 40, pp. 507-510, ISSN: 2325-8861
1270	16	Rabhi E, Lachiri Z (2013) SVM based on personal identification system using electrocardiograms. Int. Conf. on Control, Engineering & Information Technology, 1, 5 pages, http://ipco-co.com/presented%20papers/167.pdf
1271	17	Sambhu D, Umesh AC (2013) Automatic classification of ECG signals with features extracted using wavelet transform and support vector machines, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, 2,(1), pp.235-241, ISSN:2320–3765

1272	18	Sansone M, Fusco R, Pepino A, Sansone C (2013) Electrocardiogram pattern recognition and analysis based on artificial neural networks and support vector machines: A review. Journal of Healthcare Engineering, 4, (4), pp. 465-504.
1273	19	Zhang Z, Dong J, Luo X, Choi KS, Wu X (2013) Heartbeat classification using disease-specific feature selection. Computers in Biology and Medicine, 2013 http://www.sciencedirect.com/science/article/pii/S001048251300348X
1274	20	Zidelmal Z, Amirou A.,Ould-Abdeslam D, Merckle J (2013) ECG beat classification using a cost sensitive classifier. Computer Methods and Programs in Biomedicine, 8 pages, 111, (3), pp. 570-577.
157.	**Christov II, Iliev GL (2005) Public access defibrillation: Suppression of 16.7 Hz interference generated by the power supply of the railway systems, Biomedical Engineering Online, 4, 16, http://www.biomedical-engineering-online.com/content/4/1/16**	
1275	1	David Royo Baquedano (2013) Suppression of narrowband interference generated by the power supply of the railway systems in public defibrillators devices. MS Thesis, Departmant of Telecommunication, TechnivalUniversity-Sofia, 69 pages
1276	2	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигнали. Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр.
158.	**Christov I, Jekova I, Bortolan G (2005) Premature ventricular contraction classification by the Kth nearest neighbours rule, Physiological measurement, 26, pp. 123-130**	
1277	1	Akram MU (2013) Cardiac arrhythmia recognition using pruned local SVM, report, 43 pages, http://usmanakram232.github.io/assets/reports/mllocalsvm.pdf
1278	2	Javadi M (2013) Combining neural networks and ANFIS classifiers for supervised examining of electrocardiogram beats. Journal of Medical Engineering & Technology, 37, (8), pp. 484-497.
1279	3	Orhan U (2013) Real-time CHF detection from ECG signals using a novel discretization method. Computers in Biology and Medicine, 43, (10), pp. 1556-1562.
1280	4	Sambhu D, Umesh AC (2013) Automatic classification of ECG signals with features extracted using wavelet transform and support vector machines, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, 2,(1), pp.235-241, ISSN:2320–3765
1281	5	Sayari E, Yaghoobi M (2013) A model presented for classification ECG signals base on Case-Based Reasoning. Journal of Soft Computing and Application, 9 pages, http://ispacs.com/journals/jsca/inpress/jsca-00020.pdf
1282	6	Sheng Hu (2013) Body sensor network for in-home personal healthcare. PhD thesis, Michigan Technological University, 161 pages, http://digitalcommons.mtu.edu/etds/63
159.	**Christov II, Simova II (2006) Fully automated method for QT interval measurement in ECG, IEEE Computers in Cardiology, 33, pp. 321-324.**	
1283	1	Bachler M, Mayer C, Hametner B, Wassertheurer S, Holzinger A (2013) Online and offline determination of QT and PR interval and QRS duration in electrocardiography. Lecture Notes in Computer Science, vol 7719, 2013, pp 1-15.
1284	2	Tomas Vana (2013) QT interval measurement. Bachelor's thesis, Brno University of Technology, 58 pages, https://dspace.vutbr.cz/xmlui/bitstream/handle/11012/21810/tomas_vana_BP.pdf?sequence=1
160.	**Christov I, Simova I (2007) Q-onset and T-end delineation: Assessment of the performance of an automated method with the use of a reference database, Physiological Measurement, 28, (2), pp. 213-221**	
1285	1	Madeiro JPV, Nicolson WB, Cortez PC, Marques JAL, Seisdedos CRV, Elangovan N, Andre Ng G, Schlindwein FS (2013) New approach for T-wave peak detection and T-wave end location in 12-lead paced ECG signals based on a mathematical model.Medical Engineering and Physics, 35, (8), pp. 1105-1115, ISSN: 1350-4533
161.	**Christov I, Simova I, Abächerli R (2013) Cancellation of the maternal and extraction of the fetal ECG in noninvasive recordings. Computing in Cardiology, 40**	
1286	1	Silva I, Behar J, Sameni R, Zhu T, Oster J, Clifford GD, Moody GB (2013) Noninvasive fetal ECG: the PhysioNet/Computing in Cardiology Challenge 2013, Computing in Cardiology, 40, pp. 149-152

162.	**Christova L.G., Alexandrov A.S., Ishpekova B.A., Kosarov D.S., Comparative analyse of single motor unit pattern in healthy subjects and patients with neuromuscular disorders, Acta Physiol Pharmacol Bulg. 26, 2001, 59-62.**	
1287	1	Stephanova D., Kolev B., Computational Neuroscience: Simulated Demyelinating Neuropathies and Neuronopathies. CRC Press, 2013, ISBN: 1466578327, 9781466578326
163.	**Christova P., Kossev A., Electromyogr. clin. Neurophysiol., 40, 2000, 331-338, ISSN: 0924980X**	
1288	1	Sekiguchi H., Nakazawa K., Hortobágyi T., J. Phys. Fitness Sports Med., 2(2), 2013, 191-201, ISSN: 2186-8131
164.	**Christova P., Kossev A., J. Electromyogr. Kinesiol., 11, 2001, 189-196, ISSN: 10506411**	
1289	1	Contessa P., De Luca C., J. Neurophysiol., 109(6), 2013, 1548-1570. 1106, Print ISSN: 0022-3077; Online ISSN: 1522-1598
165.	**Christova P., Kossev A., Eur. J. Appl. Physiol., 77, 1998, 379-387, ISSN: 14396319**	
1290	1	Pascoe M.A., Gould J.R., Enoka R.M., J. Neurophysiol., 109(4), 2013, 1055–1064. (Print ISSN: 0022-3077; Online ISSN: 1522-1598)
166.	**Christova P., Kossev A., Radicheva N., J. Electromyogr. Kinesiol., 8, 1998, 287-294,** ISSN: **10506411**	
1291	1	Niespodziński B., Bykowski H., Łukowicz M., Mieszkowski J., Skopowska A., Szulc A., In: State, prospects and development of rescue, physical culture and sports in the XXI century (Zukow W, Skaliy A, Napierala M, eds.), Printing House University of Economy, Bydgoszcz, Poland, 2013, ISBN: 978-83-61036-86-9
167.	**Christova M.I., Pondev N.G., Christova L.G., Wolf W., Dengler R., Kossev A.R. J. Electromyogr. Kinesiol., 16, 2006, 477-484, ISSN: 10506411**	
1292	1	Rantalainen T., Weier A., Leung M., Brandner C., Spittle M., Kidgell D., Frontiers in Human Neuroscience, Issue FEB, Vol.7, Art. 68, 20 February 2013, ISSN: 1662-5161
168.	**Cseh Z., Rajagopal S., Tsonev T., Busheva M., Papp E., Garab G., Thermooptic effect in chloroplast thylakoid membranes. Thermal and light stability of pigment arrays with different levels of structural complexity, Biochemistry, 39(49), 2000, 15250-15257**	
1293	1	Janik E., Bednarska J., Zubik M., Puzio M., Luchowski R., Grudzinski W., Mazur R., Garstka M., Maksymiec W., Kulik A., Dietler G., Gruszeckia W.I., Molecular architecture of plant thylakoids under physiological and light stress conditions: A study of lipid-light-harvesting complex II model membranes, Plant Cell, 25(6), 2013, 2155-2170.
1294	2	Kochubey S.M., Shevchenko V.V., Kazantsev T.A., Changes of the antenna of photosystem i induced by short-term heating, Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 7(1), 2013, 67-77.
1295	3	Nellaepalli S., Kodru S., Malavath T., Subramanyam R., Change in fast Chl a fluorescence transients, 2 dimensional protein profile and pigment protein interactions during state transitions in Arabidopsis thaliana, Journal of Photochemistry and Photobiology B: Biology, 128, 2013, 27-34.
1296	4	Pilát Z., Ježek J., Šerý M., Trtílek M., Nedbal L., Zemánek P., Optical trapping of microalgae at 735-1064 nm: Photodamage assessment, Journal of Photochemistry and Photobiology B: Biology, 121, 2013, 27-31.
169.	**Cseh Z., Vianelli A., Rajagopal S., Krumova S., Kovács L., Papp E., Barzda V., Jennings R., Garab, G., Thermooptically induced reorganizations in the main light harvesting antenna of plants. I. Non-Arrhenius type of temperature dependence and linear light-intensity dependencies, Photosynth. Res., 86, 2005, 263–273.**	
1297	1	Janik E., Bednarska J., Zubik M., Puzio M., Luchowski R., Grudzinski W., Mazur R., Garstka M., Maksymiec W., Kulik A., Dietler G., Gruszeckia W.I., Molecular architecture of plant thylakoids under physiological and light stress conditions: A study of lipid-light-harvesting complex II model membranes, Plant Cell, 25(6), 2013, 2155-2170

170.	**Dankov K., Busheva M., Stefanov D., Apostolova E.L., Relationship between the degree of carotenoid depletion and function of the photosynthetic apparatus, Journal of Photochemistry and Photobiology B: Biology, 96(1), 2009, 49-56**	
1298	1	Delmail D., Labrousse P., Hourdin P., Larcher L., Moesch C., Botineau M., Micropropagation of Myriophyllum Alterniflorum (Haloragaceae) for Stream Rehabilitation: First In Vitro Culture and Reintroduction Assays of a Heavy-Metal Hyperaccumulator Immersed Macrophyte, International Journal of Phytoremediation, 15(7), 2013, 647-662.
1299	2	Deng C., Zhang D., Pan X., Chang F., Wang S., Toxic effects of mercury on PSI and PSII activities, membrane potential and transthylakoid proton gradient in Microsorium pteropus, Journal of Photochemistry and Photobiology B: Biology, 127, 2013, 1-7
1300	3	Khaled TAÏBI, Fadhila TAÏBI, Moulay BELKHODJA, Plants growth, water relations and photosynthesis of two bean genotypes Phaseolus vulgaris L. treated with NaCl and fluridone, Afr. J. Biotechnol. 12 (24), 2013, 3811-3821. ISSN 1684-5315
1301	4	Poonpaiboonpipat T., Pangnakorn U., Suvunnamek U., Teerarak M., Charoenying P., Laosinwattana C., Phytotoxic effects of essential oil from Cymbopogon citratus and its physiological mechanisms on barnyardgrass (Echinochloa crus-galli), Industrial Crops and Products, 41(1), 2013, 403-407.
171.	**Daskalov IK, Christov II (1997) Improvement of resolution in measurement of electrocardiogram RR intervals by interpolation, Med. Eng. & Phys., 19, 4, pp. 375-379.**	
1302	1	Sidek KA, Khalil I (2013) Enhancement of low sampling frequency recordings for ECG biometric matching using interpolation. Computer Methods and Programs in Biomedicine, 109, (1), pp. 13-25, ISSN: 0169-2607
1303	2	Stewart GM, Kavanagh JJ, Koerbin G, Simmonds MG, Sabapathy S (2013) Cardiac electrical conduction, autonomic activity and biomarker release during recovery from prolonged strenuous exercise in trained male cyclists. European Journal of Applied Physiology, DOI: 10.1007/s00421-013-2742-4
172.	**Damianova R., Stefanova N., Cukierman E., Momchilova A., Pankov R., Three-dimensional matrix induces sustained activation of ERK1/2 via Src/Ras/Raf signaling pathway Cell Biology International, 2, 2008, 229-234**	
1304	1	Deluzio,B., Tierney B, Dawit G. Seifu A., "3D scaffolds in tissue engineering and regenerative medicine: beyond structural templates?." Pharmaceutical Bioprocessing 1,3 2013, 267-281
1305	2	Dumont, N., Liu, B., Defilippis, R.A., Chang, H., Rabban, J.T., Karnezis, A.N., Tjoe, J.A., Marx, J., Parvin, B., Tlsty, T.D., Breast fibroblasts modulate early dissemination, tumorigenesis, and metastasis through alteration of extracellular matrix characteristics Neoplasia (United States), 15 , 2013, 249-262
1306	3	He, F., Pei, M., Extracellular matrix enhances differentiation of adipose stem cells from infrapatellar fat pad toward chondrogenesis Journal of Tissue Engineering and Regenerative Medicine, 7 (1), 2013, 73-84
1307	4	He, H., Liu, X., Peng, L., Gao, Z., Ye, Y., Su, Y., Zhao, Q., Wang, K., Gong, Y., He, F., Promotion of hepatic differentiation of bone marrow mesenchymal stem cells on decellularized cell-deposited extracellular matrix BioMed Research International, 2013, art. no. 406871
1308	5	Ribeiro, A., Balasubramanian, S., Hughes, D., Vargo, S., Powell, E.M., Leach, J.B., β1-Integrin cytoskeletal signaling regulates sensory neuron response to matrix dimensionality Neuroscience, 248, 2013, 67-78
173.	**Daskalov, IK, Christov, II (1999) Automatic detection of the electrocardiogram T-wave end, Med. & Biol. Eng. & Comp. 37, pp. 348-353**	
1309	1	Agostinelli A, Giuliani C, Burattini L (2013) Use of the dominant T wave to enhance reliability of T-wave offset identification. Journal of Electrocardiology, http://www.sciencedirect.com/science/article/pii/S0022073613004366
1310	2	Giuliani C, Agostinelli A, Burattini L (2013) Use of dominant T-wave to reduce T-wave offset location uncertainty. Computing in Cardiology, 40, pp. 771-774, ISSN: 2325-8861
1311	3	Hanzelka,Adam (2013) Delineation of experimental ECG data.. Brno University of Technology, MS thesis, 60 pages, https://dspace.vutbr.cz/xmlui/bitstream/handle/11012/21842/Adam_Hanzelka_DP.pdf?sequence=2

174.	**Daskalov, IK, Christov, II (1999) Electrocardiogram signal preprocessing for automatic detection of QRS boundaries, Med. Eng. & Phys., 21, 1, pp. 37-44**	
1312	1	Adam Hanzelka (2013) Delineation of experimental ECG data.. Brno University of Technology, MS thesis, 60 pages, https://dspace.vutbr.cz/xmlui/bitstream/handle/11012/21842/Adam_Hanzelka_DP.pdf?sequence=2
1313	2	Augustyniak P, Czopek K (2013) Wykorzystanie sieci neuronowych do przetwarzania sygnałów bioelektrycznych na przykładzie EKG. Chapter 4, pp. 101-146. In: Neural Networks in Biomedical Engineering, Vol. 9, eds: Tadeusiewicz R, Korbicz J, Rutkowski L, Duch W
1314	3	Benali Radhwane (2013) Analyse du signal ECG par réseau adaptif d'ondelettes en vue de la reconnaissance de pathologies cardiaques.PhD thesis, Faculte de Technologie, Université Abou Bekr Belkaid, 140 pages, http://dspace.univ-tlemcen.dz/bitstream/112/2289/1/BENALI-Radhwane.pdf
1315	4	Gao S, Wang G, Wang H, Zhao L, Zhao Y (2013) Improved fast filtering algorithm with low distortion for dynamic electrocardiogram. Int. Conf. on Advanced Computational Intelligence, pp. 1177-1179, ISBN: 978-146731743-6
1316	5	Jekova I, Krasteva V, Abacherli R (2013) Detection of electrode interchange in precordial and orthogonal ECG leads. Computing in Cardiology, 40, pp. 519-522, ISSN: 2325-8861
1317	6	Payal Patial, Sonali (2013) Review of heart rate variability analysis and its measurement. Int. J. of Engineering Research & Technology, 2, (2), pp. 1-6, ISSN: 2278-0181
1318	7	Xiao Hu, Jingjing Liu, Jiaqing Wang, Zhong Xiao (2013) Detection of onset and offset of QRS complex based a modified triangle morphology. Lecture Notes in Electrical Engineering, 269, pp. 2893-2901
175.	**Daskalov IK, Dotsinsky IA, Christov II (1998) Developments in ECG acquisition, preprocessing, parameter measurement and recording. IEEE Eng. in Med. & Biol., 17, 2, pp. 50-58**	
1319	1	Coutinho DP, Silva H, Gamboa H, Fred A, Figueiredo M (2013) Novel fiducial and non-fiducial approaches to electrocardiogram-based biometric systems. IET Biometrics, 2, (2), pp. 64-75, ISSN: 2047-4946.
1320	2	Dobrev DP, Neycheva TD (2013) Analog approach for common mode impedance balance in two-electrode biosignal amplifiers. Annual Journal of Electronics, 7, pp. 68-71, ISSN: 1314-0078
1321	3	Dobrev DP, Neycheva TD (2013) Digital lock-in technique for input impedance balance in two-electrode biosignal amplifiers. Annual Journal of Electronics, 7, pp. 64-67, ISSN: 1314-0078
1322	4	Fan Cheng-Hsiang, Hsu Yu, Yu Sung-Nien, Lin Jou-Wei (2013) Detection of myocardial ischemia episode using morphological features. IEEE Int. Conf. of Engineering in Medicine and Biology Society (EMBC), 3-7 July, Osaka, Japan, pp. 7334-7337
1323	5	Gargiulo GD, McEwan AL, Bifulco P, Cesarelli M, Jin C, Tapson J, Thiagalingam A, van Schaik A (2013) Towards true unipolar ECG recording without the Wilson central terminal (preliminary results). Physiological Measurement, 34, (9), pp. 991-1012.
1324	6	Hanzelka Adam (2013) Delineation of experimental ECG data.. Brno University of Technology, MS thesis, 60 pages, https://dspace.vutbr.cz/xmlui/bitstream/handle/11012/21842/Adam_Hanzelka_DP.pdf?sequence=2
1325	7	Janušauskas A, Marozas V, Lukoševičius A (2013) Ensemble empirical mode decomposition based feature enhancement of cardio signals. Medical Engineering and Physics , 35, (8), pp. 1059-1069, ISSN: 1350-4533
1326	8	Krishnan J, Khambete ND, Rajan A, Benjamin B (2013) Ultra low power electrophysiological monitoring system based on android platform. Int. J. of Scientific & Engineering Research, 4, (12), pp. 856-860, ISSN 2229-5518
1327	9	Murugan S (2013) Study of soft computing techniques for ischemia detection in ECGs. PhD thesis, Anna University, Chennai, India, 136 pages, http://shodhganga.inflibnet.ac.in/handle/10603/10149.
1328	10	Sabherwal P (2013) Wavelet transform as method for ECG signal analysis. Int. J. of Emerging Science and Engineering, 2, (1), pp.13-17, ISSN: 2319–6378.
1329	11	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигнали. Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр.

176.	**Denchev S, Simova I, Matveev M. Evaluation of the SCHILLER BR-102 plus noninvasive ambulatory blood pressure monitor according to the International Protocol introduced by the Working Group on Blood Pressure Monitoring of the European Society of Hypertension. Blood Pressure Monitoring 2007;12(5):329-333**	
1330	1	Antonova ML (2013) Noninvasive determination of arterial elasticity and blood pressure. Part II: Elastogram and blood pressure determination Blood Pressure Monitoring, 18, (1), pp. 41-49
1331	2	Antonova ML (2013) Recent patents on accuracy of blood pressure measurement. Recent Patents on Biomedical Engineering, 6, (1), pp. 58-73.
1332	3	Conen D, Schön T, Aeschbacher S, Paré G, Frehner W, Risch M, Risch L (2013) Genetic and phenotypic determinants of blood pressure and other cardiovascular risk factors: Methodology of a prospective, population-based cohort study. Swiss Medical Weekly, 143, art. no. w13728.
1333	4	Hodgkinson JA, Sheppard JP, Heneghan C, Martin U, Mant J, Roberts N, McManus R.J (2013) Accuracy of ambulatory blood pressure monitors: A systematic review of validation studies. J. of Hypertension, 31, (2), pp. 239-250
177.	**Der A., Kelemen L., Fabian L., Taneva S.G., Fodor E., Pali T., Cupane A., Cacace M.G., Ramsden J.J., Interfacial water structure controls protein conformation, Journal of Physical Chemistry B, 111(19), 2007, 5344-5350**	
1334	1	Mhuka V., Dube S., Nindi M.M., Torto N., Fabrication and structural characterization of electrospun nanofibres from Gonometa Postica and Gonometa Rufobrunnae regenerated silk fibroin, Macromolecular Research, 21(9), 2013, 995-1003
178.	**Didon JP, Dotsinsky I, Jekova I, Krasteva V. Detection of Shockable and Non-Shockable Rhythms in Presence of CPR Artifacts by Time-Frequency ECG Analysis. Computers in Cardiology 2009;36:817-820.**	
1335	1	Dong Yang, Xiang Li (2013) Reliable Detection of Malignant Ventricular Arrhythmias Based on Complex Network Theory. Intelligent Science and Intelligent Data Engineering. Lecture Notes in Computer Science, 7751, pp. 196-205
179.	**Didon JP, Fontaine G, White R, Jekova I, Schmid JJ, Cansell A. Clinical Experience with a Low Energy Pulsed Biphasic Waveform in Out-of-Hospital Cardiac Arrest. Resuscitation 2008;76(3):350-353.**	
1336	1	Dotsinsky I, Mudrov T, Krasteva V, Kostov J (2013) Is there an optimal shape of the defibrillation shock: Constant current vs. pulsed biphasic waveforms? International Journal Bioautomation , 17(1), pp. 45-56 .
180.	**Didon JP, Krasteva V, Ménétré S, Stoyanov T, Jekova I. Shock advisory system with minimal delay triggering after end of chest compressions: Accuracy and gained hands-off time. Resuscitation 2011;82S:S8-S15**	
1337	1	Ruiz J, Ayala U, Ruiz de Gauna S, Irusta U, González-Otero D, Alonso E, Kramer-Johansen J, Eftestøl T (2013) Feasibility of automated rhythm assessment in chest compression pauses during cardiopulmonary resuscitation. Resuscitation, 84(9), pp. 1223-1228
181.	**Dimitrov A.G. (2000) The Effect of a Near-Membrane Volume on Generation of Action Potentials in Myelinated Nerve Fibers. NEUROPHYSIOLOGY+ 32 (3), 2000,: 228-228.**	
1338	1	Stephanova D.I., B.D. Kolev. Computational Neuroscience: Simulated Demyelinating Neuropathies and Neuronopathies. CRC Press, 2013, ISBN-13: 978-1466578326, 148 pages.
182.	**Dimitrov A.G. (2005) Internodal Sodium Channels Ensure Active Processes Under Myelin Manifesting in Depolarizing Afterpotentials. Journal of Theoretical Biology, 235(4), 2005, 451-562.**	
1339	1	Stephanova D.I., B.D. Kolev. Computational Neuroscience: Simulated Demyelinating Neuropathies and Neuronopathies. CRC Press, 2013, ISBN-13: 978-1466578326, 148 pages.
183.	**Dimitrov A.G. (2009) A Possible Mechanism of Repetitive Firing of Myelinated Axon. Pflugers Arch - Eur J Physiol, 458(3), 2009,547-561.**	
1340	1	Stephanova D.I., B.D. Kolev. Computational Neuroscience: Simulated Demyelinating Neuropathies and Neuronopathies. CRC Press, 2013, ISBN-13: 978-1466578326, 148 pages.

184.	**Dimitrov V.G., T.I. Arabadzhiev, N.A. Dimitrova, G.V. Dimitrov. The Spectral Changes in EMG during a Second Bout Eccentric Contraction Could Be Due to Adaptation in Muscle Fibres Themselves: A Simulation Study. European Journal of Applied Physiology, 112(4), 2012, 1399-1409.**	
1341	1	Peñailillo L., A. Blazevich, H. Numazawa, K. Nosaka. Metabolic and Muscle Damage Profiles of Concentric versus Repeated Eccentric Cycling. Med Sci Sports Exerc., 45(9), 2013, 1773-1781.
185.	**Dimitrov G.V., T.I. Arabadzhiev, J.-Y. Hogrel, N.A. Dimitrova. Simulation Analysis of Interference EMG During Fatiguing Voluntary Contractions. Part II: Changes in Amplitude and Spectral Characteristics. J Electromyogr Kinesiol, 2008, 18, 35-43**	
1342	1	Li X., H. Shin, P. Zhou, X. Niu, J. Liu, W.Z. Rymer. Power Spectral Analysis of Surface Electromyography (EMG) at Matched Contraction Levels of the First Dorsal Interosseous Muscle in Stroke Survivors. Clin Neurophysiol, 2013, DOI: http://dx.doi.org/10.1016/j.clinph.2013.09.044.
186.	**Dimitrov G.V., T.I. Arabadzhiev., K.N. Mileva, J.L. Bowtell, N. Crichton, N.A. Dimitrova. Muscle Fatigue During Dynamic Contractions Assessed by New Spectral Indices. Med Sci Sports Exerc, 38(11), 2006, 1971-1979.**	
1343	1	Carregaro R.L., R.R. Cunha, C.G. Oliveira, L.E. Brown, M. Bottaro. Muscle Fatigue and Metabolic Responses Following Three Different Antagonist Pre-Load Resistance Exercises. J Electromyogr Kinesiol, 23(5), 2013,1090-1096.
1344	2	Chang K-M., S-H. Liu, J-J. Wang, D-C. Cheng. Exercise Muscle Fatigue Detection System Implementation via Wireless Surface Electromyography and Empirical Mode Decomposition, 35th Annual International Conference of the IEEE, 3-7 July 2013 Osaka, Japan, Engineering in Medicine and Biology Society (EMBC), 2013, 1001-1004.
1345	3	Estrada L., A. Torres, J. Garcia-Casado, G. Prats-Boluda, R. Jane. Characterization Of Laplacian Surface Electromyographic Signals During Isometric Contraction In Biceps Brachii, 35th Annual International Conference of the IEEE, 3-7 July 2013 Osaka, Japan, Engineering in Medicine and Biology Society (EMBC), 2013, 535-538.
1346	4	Figueiredo P., D.Pendergast, J.P. Vilas-Boas, R. Fernandes. Interplay of Biomechanical, Energetic, Coordinative, and Muscular Factors in a 200 M Front Crawl Swim. BioMed Research International, Article ID 897232, 12 pages, DOI: http://dx.doi.org/10.1155/2013/897232, 2013 (in press).
1347	5	Figueiredo P., A. Rouard, J.P. Vilas-Boas, R.J. Fernandes. Upper- and Lower-Limb Muscular Fatigue During the 200-M Front Crawl. Applied Physiology, Nutrition and Metabolism, 2013, 38 (7), 716-724.
1348	6	Gonzalez I. M. , E.L. Cadore, M. Izquierdo. Muscle Conduction Velocity, Semg Ariables, and Echo Intensity During Concentric and Eccentric Fatigue. Muscle & Nerve, 2013 (in press), DOI: 10.1002/mus.23926.
1349	7	Grover L., A.Arcelus, R.Wang, R. Huq, K.Zabjek, D.Hebert, A.Mihailidis. Investigation Of EMG Fatigue Patterns While Using An Upper Limb Rehabilitation Robotic Device, Proceedings of the RESNA 2013 Annual Conference, Hyatt Regency Bellevue, Bellevue, WA, USA, June 20 - 24, 2013.
1350	8	Horton L.M., M.A. Nussbaum, M.J. Agnew. Effects of Rotation Frequency and Starting Task on Localized Muscle Fatigue and Performance During Simulated Assembly Work. IIE Transactions on Occupational Ergonomics and Human Factors, 2013, 1(3), 176-189.
1351	9	Kim J., S.Kim, S.Park, S.Ahn, Y.Lee, Y.Kim. Bandwidth Optimization of the Fatigue Index to Estimate Muscle Fatigue During Dynamic Contractions. International Journal of Precision Engineering and Manufacturing, 14(7), 2013, 1185-1191.
1352	10	Marinho D.A., T.M. Barbosa., H.P. Neiva. Swimming, Running, Cycling and Triathlon. Routledge Handbook of Sports Performance Analysis, edited by McGarry T, O'Donoghue P, Sampaio J, 2013, 436-463.
1353	11	Rogers D.R., D.T. MacIsaac. A Comparison of EMG-Based Muscle Fatigue Assessments During Dynamic Contractions, J. Electromyogr. Kinesiol., 23(5), 2013,1004-1011.
1354	12	Venugopal G., M. Navaneethakrishna, S. Ramakrishnan. Extraction and Analysis of Multiple Time Window Features Associated with Muscle Fatigue Conditions Using sEMG signals. Expert Systems with Applications (2013), doi: http://dx.doi.org/10.1016/j.eswa.2013.11.009.
187.	**Dimitrov A.G., N.A. Dimitrova. A Possible Link of Oxaliplatin-Induced Neuropathy with Potassium Channel Deficit. Muscle and Nerve, 45(3), 2012, 403-411.**	
1355	1	Diezi M., T. Buclin, T. Kuntzer. Toxic and Drug-Induced Peripheral Neuropathies: Updates on Causes, Mechanisms and Management. Curr Opin Neurol. 26(5), 2013, 481-488

1356	2	Ferrier J., V.Pereira, J.Busserolles, N.Authier, D.Balayssac. Emerging Trends In Understanding Chemotherapy-Induced Peripheral Neuropathy. Curr Pain Headache Rep. 2013 Oct;17(10):364.
1357	3	Kagiava A., E.K. Kosmidis, G.Theophilidis. Oxaliplatin-induced Hyperexcitation of Rat Sciatic Nerve Fibers: An Intra-axonal Study. Anticancer Agents Med Chem., 13(2), 2013, 373-379
1358	4	Sereno M., G. Gutiérrez-Gutiérrez, C. Gómez-Raposo, M. López-Gómez, M. Merino-Salvador, F.Z. Tébar, C. Rodriguez-Antona, E. Casado. Oxaliplatin Induced-Neuropathy in Digestive Tumors. Crit Rev Oncol Hematol., 2013 Aug 28. pii: S1040-8428(13)00186-8. [Epub ahead of print]
1359	5	Zedan A.H., T.F. Hansen, Å.F. Svenningsen, O.J. Vilholm. Oxaliplatin-Induced Neuropathy in Colorectal Cancer: Many Questions with Few Answers. Clinical Colorectal Cancer, Available online 13 November 2013, http://dx.doi.org/10.1016/j.clcc.2013.11.004. (http://www.sciencedirect.com/science/article/pii/S1533002813001187)
188.	**Dimitrova D.Z., Mihov D.N., Wang R., Hristov K.L., Rizov L.I., Bolton T.B., Duridanova D.B., Contractile effect of ghrelin on isolated guinea-pig renal arteries, Vascular Pharmacology, 47 (1) , 2007, 31-40, ISSN: 15371891**	
1360	1	Mostafa A.F., Samir S.M., What is the effect of ghrelin on rat uterine contractility in vitro? Journal of Basic and Clinical Physiology and Pharmacology, 24(2), 2013, 37-142, ISSN: 07926855
1361	2	Shi L.,Bian X.,Qu Z.,Ma Z.,Zhou Y.,Wang K.W., Jiang H., Xie J., Peptide hormone ghrelin enhances neuronal excitability by inhibition of Kv7/KCNQ channels, Nature CommunicationsVolume 4, 2013, Article number1435, ISSN: 20411723
189.	**Dimitrova N.A., T.I. Arabadzhiev, J.-Y. Hogrel, G.V. Dimitrov. Fatigue Analysis of Interference EMG Signals Obtained from Biceps Brachii During Isometric Voluntary Contraction at Various Force Levels. J Electromyogr Kinesiol, 2009, 19, 252-258.**	
1362	1	Ahamed N.U., K. Sundaraj, B. Ahmad, M. Rahman, A. Islam, A. Ali. Surface Electromyography Assessment Of The Biceps Brachii Muscle Between The Endplate Region And Distal Tendon Insertion: Comparison In Terms Of Gender, Dominant Arm And Contraction. Journal of Physical Therapy Science, 2013, 25 (1), 3-6.
1363	2	Grover L., A. Arcelus, R. Wang, R. Huq, K. Zabjek, D. Hebert, A. Mihailidis. Investigation of EMG Fatigue Patterns while Using an Upper Limb Rehabilitation Robotic Device. Proceedings of the RESNA 2013 Annual Conference, Hyatt Regency Bellevue, Bellevue, WA, USA, June 20 - 24, 2013.
1364	3	Lovecchio N., C. Maiorano, F. Naddeo, C. Sforza. Biceps Brachii Muscle Fatigue During Isometric Contraction: Is Antagonist Muscle Fatigue a Key Factor?, The Open Sports Medicine Journal, 2013, 7, 1-8.
1365	4	Nakamura K., A. Hara, S. Nakata, H. Hyakutake, I. Takahashi. Relationship between the Stability of Muscle Activity in the Masseter Muscle and Craniofacial Morphology. Orthod Waves, 2013, 72 (2), 55-62.
1366	5	Rogers D.R., D.T. MacIsaac. A Comparison of EMG-Based Muscle Fatigue Assessments during Dynamic Contractions. J. Electromyogr. Kinesiol., 23(5), 2013, 1004-1011.
190.	**Dimitrova N.A., A.G. Dimitrov, G.V.Dimitrov. Calculation of Extracellular Potentials Produced by an Inclined Muscle Fiber at a Rectangular Plate Electrode. Med. Eng. & Phys., 21, 1999, 583 - 588.**	
1367	1	Mesin L. Volume Conductor Models In Surface Electromyography: Computational Techniques. Comput Biol Med., 1;43(7), 2013, 942-952.
1368	2	Rodriguez-Falces J., N. Place. Effects of Muscle Fibre Shortening on the Characteristics of Surface Motor Unit Potentials. Med Biol Eng Comput., 2013 Oct 30. [Epub ahead of print]
1369	3	von Tscharner V., C. Maurer, F. Ruf, B.M. Nigg. Comparison of Electromyographic Signals from Monopolar Current And Potential Amplifiers Derived From A Penniform Muscle, The Gastrocnemius Medialis. J Electromyogr Kinesiol., 23(5), 2013,1044-1051
191.	**Dimitrova N.A., J.-Y. Hogrel, T.I. Arabadzhiev, G.V. Dimitrov. Estimate of M-Wave Changes in Human Biceps Brachii During Continuous Stimulation. J Electromyogr Kinesiol, 1,: 2005, 341-348.**	
1370	1	Yochum M., T.Bakir, R.Lepers, S. Binczak. A Real Time Electromyostimulator Linked with EMG Analysis Device, IRBM, 34 (1), 2013, 43-47.

192.	**Dincheva E., Atanassov K., Operator aspect of the theory of generalized nets. II. AMSE Review, Vol. 12, No. 4, 1990, 59-64.**	
1371	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
193.	**Djondjorov P., Vassilev V. and Mladenov I., Analytic Description and Explicit Parametri- sation of the Equilibrium Shapes of Elastic Rings and Tubes Under Uniform Hydrostatic Pressure, I.J.Mech. Sci. 53 (2011) 355–364**	
1372	1	Banerjee S. and Giomi L., Polymorphism and bistability in adherent cells, Soft Matter 9 (2013) 5251-5260.
1373	2	Giomi L., Softly constrained films, Soft Matter 9 (2013) 19pp. doi: 10.1039/c3sm50484k
194.	**Dobrev D, Dobreva (Neycheva) T, Mudrov N (2008) Bootstrapped two-electrode biosignal amplifier, Medical and Biological Engineering and Computing, 46, (6), pp. 613-619**	
1374	1	Barone U, Merletti R (2013) Design of a portable, intrinsically safe multi-channel acquisition system for high resolution, real time processing HD-sEMG. IEEE Transactions on Biomedical Engineering, 60, (8), pp. 2242-2252.
1375	2	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигнали. Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр.
195.	**Dobrev D, Dobreva (Neycheva) T, Mudrov N (2008) Digital lock-in techniques for adaptive power-line interference extraction, Physiological Measurement 29 pp.803-816**	
1376	1	Li G, Zhang S, Zhou M, Li Y, Lin L (2013) A method to remove odd harmonic interferences in square wave reference digital lock-in amplifier. Review of Scientific Instruments, 84, (2), http://scitation.aip.org/content/aip/journal/rsi/84/2/10.1063/1.4792596
1377	2	Rastogi N, Mehra R (2013) Analysis of Savitzky-Golay filter for baseline wander cancellation in ECG using wavelets. Int. J. of Engineering Sciences & Emerging Technologies, 6, (1), pp. 15-23
1378	3	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигнали. Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр.
196.	**Dobrev D, Neycheva T, Mudrov N (2005) Simple two-electrode biosignal amplifier. Medical & Biological Engineering & Computing 43, pp. 725–730**	
1379	1	Kim, SJ, Lee S., Jeong JH, Park SY, Kim SM (2013). The design of multi-parameter bio-signal sensor for applying a smartphone m-health service. Applied Mechanics and Materials, 479, pp. 713-718
1380	2	Lee S, Park SY, Kim SJ, Joeng JH, Kim SM (2013) A study on a bio-signal biometric algorithm on the ubiquitous environments. Lecture Notes in Electrical Engineering, 280, pp 691-697
1381	3	Vargas Luna JL, Mayr W, Cortes JA (2013) Extracción de actividad respiratoria por medio del análisis del ECG como señal de amplitud modulada, 4 pages, http://www.researchgate.net/publication/258052474
1382	4	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигнали. Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр.
197.	**Dobrikova A.G., Domonkos I., Sözer Ö., Laczkó-Dobos H., Kis M., Párduc Á., Gombos Z., Apostolova E.L., Effect of partial or complete elimination of light-harvesting complexes on the surface electric properties and the functions of cyanobacterial photosynthetic membranes, Physiol. Plantarum, 147 (2), 2013, 248-260, ISSN 0031-9317.**	
1383	1	Velitchkova M., Doltchinkova V., Lazarova D., Mihailova G., Doncheva S., Georgieva K. Effect of high temperature on dehydration-induced alterations in photosynthetic characteristics of the resurrection plant Haberlea rhodopensis, Photosynthetica, 51 (4), 2013,630-640. ISSN 0300-3604.

198.	**Dobrikova A., Petkanchin I., Taneva S.G., Temperature-induced changes in the surface electric properties of thylakoids and photosystem II membrane fragments, Colloids and Surfaces A: Physicochemical and Engineering Aspects, 209(2-3), 2002, 185-192**	
1384	1	Ashraf M., Harris P.J.C., Photosynthesis under stressful environments: An overview, Photosynthetica, 51(2), 2013, 163-190.
199.	**Dobrikova A.G., Varkonyi Z., Krumova S.B., Kovacs L., Kostov G.K., Todinova S.J., Busheva M.C., Taneva S.G., Garab G., Structural rearrangements in chloroplast thylakoid membranes revealed by differential scanning calorimetry and circular dichroism spectroscopy. Thermo-optic effect, Biochemistry, 42(38), 2003, 11272-11280**	
1385	1	Janik E., Bednarska J., Zubik M., Puzio M., Luchowski R., Grudzinski W., Mazur R., Garstka M., Maksymiec W., Kulik A., Dietler G., Gruszeckia W.I., Molecular architecture of plant thylakoids under physiological and light stress conditions: A study of lipid-light-harvesting complex II model membranes, Plant Cell, 25(6), 2013, 2155-2170.
1386	2	Tovuu A., Zulfugarov I.S., Lee C.-H., Correlations between the temperature dependence of chlorophyll fluorescence and the fluidity of thylakoid membranes, Physiologia Plantarum, 147(4), 2013, 409-416
200.	**Doncheva Sn., Poschenrieder C., Stoyanova Zl., Georgieva K., Velichkova M., Barceló J., Silicon amelioration of manganese toxicity in Mn-sensitive and Mn-tolerant maize varieties, Environm. Exp. Bot., 65, 2009, 189-197. ISSN 0098-8472**	
1387	1	Baldisserotto C., Ferroni L., Pantaleoni L., Pancaldi S., Comparison of photosynthesis recovery dynamics in floating leaves of Trapa natans after inhibition by manganese or molybdenum: Effects on Photosystem II. Plant Physiology and Biochemistry. 70, 2013, 387 - 395 10.1016/j.bbr.2011.03.031.
1388	2	Chen Fugui, Sheng Zhang, Guoping Zhu, Korpelainen H. and Chunyang Li, Populus cathayana males are less affected than females by excess manganese: comparative proteomic and physiological analyses. Proteomics, 3, (16), 2013, 2424 – 2437, DOI: 10.1002/pmic.201200365
1389	3	Cogliati E.E., Gilardi G., Garibaldi A., Gullino M.L., Effects of increased conductivity of the nutrient solutions and of the addition of potassium silicate against Alternaria japonica on rocket (Eruca vesicaria) in soilless cultivation. Journal of Plant Pathology, 95 (1), 2013, 25 – 31
1390	4	Jia-Wen WU, Yu SHI, Yong-Xing ZHU, Yi-Chao WANG, Hai-Jun GONG () Mechanisms of Enhanced Heavy Metal Tolerance in Plants by Silicon: A Review. Pedosphere, 23 (6), 2013, 815–825.
1391	5	Millaleo R., Reyes-Díaz M., Alberdi M., Ivanov A. G., Krol M. and Hüner N. P. A., Excess manganese differentially inhibits photosystem i versus II in Arabidopsis thaliana. J. Exp. Bot. 64 (1), 2013, 343-354. doi: 10.1093/jxb/ers339.
1392	6	Ribera A. E., Reyes-Díaz M. M., Alberdi M. R., Alvarez-Cortez D. A., Rengel Z. and de la Luz Mora M., Photosynthetic impairment caused by manganese toxicity and associated antioxidative responses in perennial ryegrass. Crop and Pasture Science 64(7), 2013, 696-707, http://dx.doi.org/10.1071/CP13161.
1393	7	Shafaqat A., Ahsan F. M., Tahira Y., Sabir H., Saleem A. M., Farhat A., Aslam B. S., Zhang Guoping, The influence of silicon on barley growth, photosynthesis and ultra-structure under chromium stress, Ecotoxicology and Environmental Safety, 89, 2013, 66-72. DOI: 10.1016/j.ecoenv.2012.11.015
1394	8	Zambrosi F. C. B. , Mesquita G. L., Ossamu F. A., Tanaka J. A.- Q., Mattos D. Jr., Phosphorus availability and rootstock affect copper-induced damage to the root ultra-structure of Citrus, Environmental and Experimental Botany, 95, 2013, 25 – 33. http://dx.doi.org/10.1016/j.envexpbot.2013.07.004
201.	**Dotsinsky, IA, Christov, II (1998) Mains interference subtraction from ECG in case of accompanying tremor, ed. Technical University – Sofia, Seventh International Conference Electronics 98, Sozopol, 23-25 September, pp. 16-20.**	
1395	1	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигналилл Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр

202.	**Dotsinsky I, Christov I (2002) Power-line interference subtraction from the electrocardiogram in the presence of electromyogram artifacts, Electrotechnika & Electronica E+E, 1-2, pp. 18-21**	
1396	1	Mihov J (2013) Complex filters for the subtraction procedure for power–line interference removal from ECG. Int. J. of Reasoning-based Intelligent Systems, 5, pp. 146-153.
1397	2	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигналилл Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр
203.	**Dotsinsky I, Stoyanov T (2002) Cancellation of the power-line interference: effect of amplitude and frequency variations on the residual contamination of the ECG signal, 11-th Conference with International Participation "ELECTRONICS - ET'2002", Sozopol, 65-70.**	
1398	1	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигналилл Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр
204.	**Dotsinsky I, Stoyanov T (2004) Optimisation of bi-directional digital filtering for drift suppression in electrocardiogram signals, Journal of Medical Engineering & Technology, 28, (4), pp. 178-180**	
1399	1	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигналилл Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр
205.	**Dotsinsky I, Stoyanov T (2004) Ventricular beat detection in single channel electrocardiograms, BioMedical Engineering OnLine, 3/1/3, http://www.biomedical-engineering-online.com/content/3/1/3.**	
1400	1	De Cooman, Thomas (2013) Aanvalsdetectie op basis van veranderingen in het ECG in patiënten met epilepsie. MS thesis, Faculteit Ingenieurswetenschappen en Architectuur. MS thesis, Universiteit Gent, 81 pages, http://lib.ugent.be/fulltxt/RUG01/002/033/171/RUG01-002033171_2013_0001_AC.pdf
1401	2	Georgieva-Tsaneva G (2013) QRS detection algorithm for long term Holter records, Conf. on Computer Systems and Technologies, 28-29 June, Ruse, pp. 112-119.
1402	3	Ittatirut S, Lek-uthai A, Teeramongkonrasmee A (2013) Detection of Premature Ventricular Contraction for real-time applications. Int. Conf. on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, 15-17 May, Krabi, Thailand, pp. 1-5
1403	4	Tanev S (2013) Ventricular beat detection and classification in long term ECG recordings, International Journal BIOautomation, 16(4), pp. 273-290
1404	5	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигналилл Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр
206.	**Dotsinsky I, Stoyanov T (2005) Power-line interference cancellation in ECG signals, Biomedical Instrumentation & Technology, March/April, 39, (2), pp. 155-162**	
1405	1	Ahmad I, Ansari F, Dey UK (2013) A study of power line interference cancellation using IIR, aaptive and wavelet filtering in ECG', Int J Electronics Signals and Systems, 3 (2), pp. 53-55.
1406	2	Bansal D (2013) Computer based model to filter real time acquired human carotid pulse, Int. J. of Signal Processing, 7, (1), pp. 42-51
1407	3	Bansal D (2013) Design of 50 Hz notch filter circuits for better detection of online ECG, Int. J. of Biomedical Engineering and Technology, 13, (1), pp. 30-48
1408	4	Pandey H, Tiwari R (2013) An innovative approach to the reduction of noise in ECG signal through Chebyshev type 2 digital filter. Int. J. for Advance Research in Engineering and Technology, pp. 10-13
1409	5	Zhou X, Zhang Y (2013) A hybrid approach to the simultaneous eliminating of power-line interference and associated ringing artifacts in electrocardiograms BioMedical Engineering Online, 12, (1), art. no. 42.
1410	6	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигнали. Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр.

207.	**Dotsinsky I, Stoyanov T (2008) Power-line interference removal from ECG in case of power-line frequency variations, Bioautomation, 10, pp. 88-96**	
1411	1	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигнали. Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр.
208.	**Elek J.M., Kossev A., Dengler R., Schubert M., Wohlfahrt K., Wolf W., Neuromusc.Disord., 2: 1992, 261-267,** ISSN: **09608966**	
1412	1	Contessa P., De Luca C., J. Neurophysiol., 109(6), 2013, 1548-1570, Print ISSN: 0022-3077; Online ISSN: 1522-1598
209.	**Enoka R.M., Robinson G.A., Kossev A.R., J. Neurophysiol., 62, 1989, 1344-1359, ISSN: 00223077**	
1413	1	Doix A-C, (2013) Neuromuscular activation strategies of voluntary and electrically elicited muscle fatigue. Underlying mechanisms and clinical implications. Norwegian University of Science and Tehnology –Trondheim & Université Nice- Sophia Antipolis (Thesis)
1414	2	Naharudin M.N., Yusof A., PLoS ONE, 8(10), 2013, e77290. doi:10.1371/journal.pone.0077290. (eISSN-1932-6203)
210.	**Ewis A., Zhelev, Z., Bakalova, R., Fukuoka, S., Shinohara, Y., Ishikawa, M., Baba, Y., A hystory of microarray in biomedicine (a review), Expert Review of Molecular Diagnosis, 2005, 5(3), 315-328, ISSN 1473-7159)**	
1415	1	D'Aagati V.D., M. Mengel, The rise of renal pathology in nephrology: structure illuminates fuction, Am. J. Kidney Dis., 2013, February 12 [Epub ahead of print].
211.	**Falces J., Arregi I., Konarev P.V., Urbaneja M.A., Svergun D.I., Taneva S.G., Banuelos S., Recognition of nucleoplasmin by its nuclear transport receptor importin α/β: Insights into a complete import complex, Biochemistry, 49(45), 2010, 9756-9769**	
1416	1	Kim J., Izadyar A., Nioradze N., Amemiya S., Nanoscale mechanism of molecular transport through the nuclear pore complex as studied by scanning electrochemical microscopy, Journal of the American Chemical Society, 135(6), 2013, 2321-2329
212.	**Faucheux N., Tzoneva R., Nagel M.-D., Groth T., The dependence of fibrillar adhesions in human fibroblasts on substratum chemistry, Biomaterials, 27(2), 2006, pp. 234-245, ISSN: 0142-9612.**	
1417	1	Lee J.-H., Kwon J.-S., Kim Y.-H., Choi E.-H., Kim K.-M., Kim K.-N., The effects of enhancing the surface energy of a polystyrene plate by air atmospheric pressure plasma jet on early attachment of fibroblast under moving incubation, Thin Solid Films 547, 2013, pp. 99-105.
1418	2	Lorion C., Faye C., Maret B., Trimaille T., Régnier T., Sommer P., Debret R., Biosynthetic support based on dendritic poly(L-lysine) improves human skin fibroblasts attachment, Journal of Biomaterials Science, Polymer Edition, Published online: 11 Oct 2013
1419	3	Müller C., Müller A., Pompe T., Dissipative interactions in cell-matrix adhesion, Soft Matter 9(27), 2013, pp. 6207-6216.
1420	4	Siontorou C. G., Batzias F. A., Investigating implantable glucose biosensors pitfalls: A fault tree analysis approach, WIT Transactions on Biomedicine and Health 17, 2013, pp. 97-108.
213.	**Fedina I., Georgieva K., Velitchkova M., Grigorova I., Effect of pretreatment of barley seedlings with different salts on the level of UV-B induced and UV-B absorbing compounds. Environm. Exp. Bot., 56, 2006, 225-230. ISSN 0098-8472**	
1421	1	Koga R., Meng Tianxiao, Nakamura E., Miura C., Irino N., Yahara S., Kondo R. Model Examination for the Effect of Treading Stress on Young Green Barley (Hordeum vulgare). American Journal of Plant Sciences, 4, 2013, 174-181 doi:10.4236/ajps.2013.41023
1422	2	Tian Feng, Zhao Jie, Cai Cai-hong, Wang Long-fei, Hao Wen-fang Response of UV - absorbing compounds and osmotic adjustment substances of three Lespedeza species to drought and enhanced UV - B radiation. ACTA AGRESTIA SINICA, 21 (3), 2013, 517-525
214.	**Fedina I., J. Hidema, M. Velitchkova, K. Georgieva, D. Nedeva (2010) UV-B induced stress responses in three rice cultivars, Biol. Plant. 54 (3): 571-574. ISSN 0006-3134.**	
1423	1	Hu Z., Li, H., Chen, S., Yang, Y. Chlorophyll content and photosystem II efficiency in soybean exposed to supplemental ultraviolet-B radiation Photosynthetica, 51, 2013, 151-157. DOI: 10.1007/s11099-013-0007-4.

1424	2	Yu G. H., W. Li, Z. Y. Yuan, H. Y. Cui, C. G. Lv, Z. P. Gao, B. Han, Y. Z.Gong, G. X. Chen. The effects of enhanced UV-B radiation on photosynthetic and biochemical activities in super-high-yield hybrid rice Liangyoupeijiu at the reproductive stage. Photosynthetica, 51, 2013, 33-44. DOI 10.1007/s11099-012-0081-z.
1425	3	Zhang, L., Li, X., Zheng, W., Fu, Z., Li, W., Ma, L., Li, K., Sun, L., Tian, J. (2013) Proteomics analysis of UV-irradiated Lonicera japonica Thunb. with bioactive metabolites enhancement. Proteomics, 13, Issue 23-24, December 2013, Pages 3508-3522.
215.	**Fedina I., D. Nedeva, K. Georgieva, M. Velitchkova (2009) Methyl jasmonate counteract UV-B stress in barley seedlings. J. Agron. Crop Sci. 195 (3), 204-212. ISSN 0931-2250.**	
1426	1	Bandurska H., Niedziela J., Chadzinikolau T. (2013) Separate and combined responses to water deficit and UV-B radiation. Plant Sci., 213, 2013, 98-105. http://dx.doi.org/10.1016/j.plantsci.2013.09.003
1427	2	Carvalho R. F. , Monteiro C. C., Caetano A. C., Dourado M. N., Gratão P. L., Haddad C. R. B., Peres L. E. P., Azevedo R. A. (2013) Leaf senescence in tomato mutants as affected by irradiance and phytohormones, Biologia Plantarum, Volume 57 (4), 2013, 749-757. DOI 10.1007/s10535-013-0333-1
216.	**Fedina IS, Popova AV, 1996, Photosynthesis, photorespiration and proline accumulation in water-stressed pea leaves, Photosynthetica, 32, (2), 213-220, ISSN – printed - 0300-3604, online -1573-9058.**	
1428	1	Rastgou B., Ebadi A., Vafaie A., Seyed Hamid Moghadam S.H., The effects of nitrogen fertilizer on nutrient uptake, physiological traits, and yield components of safflower (Carthamus tinctorius L.), International journal of Agronomy and Plant Production, 4 (3), 2013, 355-364.
217.	**Fernandez-Higuero J.A., Acebron S.P., Taneva S.G., Del Castillo U., Moro F., Muga A., Allosteric communication between the nucleotide binding domains of caseinolytic peptidase B, Journal of Biological Chemistry, 286(29), 2011, 25547-25555.**	
1429	1	Liu J., Mei Z., Li N., Qi Y., Xu Y., Shi Y., Wang F., Lei J., Gao N., Structural dynamics of the MecA-ClpC complex: A type II AAA+ protein unfolding machine, Journal of Biological Chemistry, 288(24), 2013, 17597-17608.
1430	2	Zeymer C., Werbeck N.D., Schlichting I., Reinstein J., The molecular mechanism of Hsp100 chaperone inhibition by the prion curing agent guanidinium chloride, Journal of Biological Chemistry, 288(10), 2013, 7065-7076.
218.	**Fidanova S., O. Roeva, Metaheuristic Techniques for Optimization of an E. coli Cultivation Model, Biotechnology and Biotechnological Equipment, 27(3), 2013, 3870-3876, ISSN: 1310-2818**	
1431	1	Pencheva T., M. Angelova, K. Atanassov. Genetic Algorithms Quality Assessment Implementing Intuitionistic Fuzzy Logic, Chapter 10 in Vasant P. (Ed.). Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications. IGI Global, Hershey, Pennsylvania (USA), 200-233, Release Date: August, 2013
219.	**Fratev F., S.O. Jonsdottir, E. Mihaylova, I. Pajeva. Molecular basis of inactive B-RAF(WT) and B-RAF(V600E) ligand inhibition, selectivity and conformational stability: an in silico study. Mol. Pharmaceutics, 6(1), 2009, 144-157.**	
1432	1	Reva, B. Revealing selection in cancer using the predicted functional impact of cancer mutations. Application to nomination of cancer drivers. BMC GENOMICS, 14 (3): S8 doi: 10.1186/1471-2164-14-S3-S8 MAY 28 2013
220.	**Fratev F., Osk Jonsdottir, S., Pajeva, I. Structural insight into the UNC-45-myosin complex. Proteins, 7, 2013, 1212-1221.**	
1433	1	LM Prabhu. Effect of mutations in DUNC-45 on its activity as a myosin chaperone, using Drosophila as a model. A Thesis. San Diego State University, 2013. PhD thesis
221.	**Gallasch E., Christova M., Krenn M., Kossev A.R., Rafolt D., Eur.J.Appl.Physiol., 105, 2009, 47-54,** ISSN: **14396319**	
1434	1	Bagce H.F., Saleh S., Adamovich S.V., Krakauer J.W., Tunik E., J. Neurophysiol.,109(4), 2013, 1097–1106, Print ISSN: 0022-3077; Online ISSN: 1522-1598
1435	2	Cormier J-M., Tremblay F., Laterality, 18(3), 2013, 365-383, ISSN: 1357-650X; eISSN: 1464-0678

1436	3	Crupi D., Cruciata G., Moisello C., Green P-A., Naro A., Ricciardi L., Perfetti B., Bove M., Avanzino L., Di Rocco A., Quartarone A., Ghilardi M.F., J. Motor Behavior, 45(2), 2013, 127-138, ISSN: 0022-2895
1437	4	Moisello C., Meziane H.B., Kelly S., Perfetti B., Kvint S., Voutsinas N., Blanco D., Quartarone A., Tononi G., Ghilardi M.F., PLoS ONE 8(6), 2013, e65882. doi:10.1371/journal.pone.0065882, eISSN-1932-6203
222.	**Gavrilova N.J., Setchenska M.S., Markovska T.T., Momchilova-Pankova A.B., Koumanov K.S. Effect of membrane phospholipid composition and fluidity on rat-liver plasma membrane tyrosine kinase-activity., Int. J. Biochem., 25, 1993,1309-1312**	
1438	1	El-Khayat Z., El-Matty A., Rasheed W., Hussein J., Raafat J.,- Physiology and regulation of tyrosine kinase, Int. J. Pharm. Pharm. Sci., 5, Suppl 2, 2013, 146-151
223.	**Gennari A., C. van den Berghe, Casati S, Castell J, Clemedson C, Coecke S, Colombo A, Curren R, Dal Negro G, Goldberg A, Gosmore C, Hartung T, Langezaal I, Lessigiarska I, Maas W, Mangelsdorf I, Parchment R, Prieto P, Sintes JR, Ryan M, Schmuck G, Stitzel K, Stokes W, Vericat JA, Gribaldo L. Strategies to replace in vivo acute systemic toxicity testing. ATLA-Alternatives To Laboratory Animals, 32, 2004, 437-459**	
1439	1	Kinsner-Ovaskainen, A.; Prieto, P.; Stanzel, S.; et al. Selection of test methods to be included in a testing strategy to predict acute oral toxicity: An approach based on statistical analysis of data collected in phase 1 of the ACuteTox project. TOXICOLOGY IN VITRO, 27(4), 1377-1394, 2013
224.	**Georgiev P., O. Roeva, T. Pencheva, E. Szmidt, Generalized Net Model of Wastewater Treatment Process in System "Biological Reservoir – Sedimentor", Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 2006, 3, 11-16.**	
1440	1	Georgieva V. Generalized Net Model of the Process of Fresh Water Treatment. Issues in IFS and GNs, Vol. 11, 2013, 55-64
225.	**Georgieva N., Bryaskova R., Tzoneva R., New Polyvinyl alcohol-based hybrid materials for biomedical application, Materials Letters, 88, 2012, pp. 19-22, ISSN: 2093-6788 (electronic version)**	
1441	1	Flores M., Foix D., Serra A., Ramis X., Sangermano M. A., Versatile Thiol-ene/Sol–Gel Two-Stage Curing Process Based on a Hyperbranched Polyester with Different Degrees of 10-Undecenoyl Modification, Macromolecular Materials and Engineering, Article first published online: 6 SEP 2013DOI: 10.1002/mame.201300264
1442	2	Gong G., Wang J., Nagasawa H., Kanezashi M., Yoshioka T., Tsuru T., Sol-gel spin coating process to fabricate a new type of uniform and thin organosilica coating on polysulfone film, Materials Letters, 109, 2013, pp. 130-133
1443	3	Surudžić R., Jovanović Ž., Bibić N., Nikolić B., Mišković-Stanković V., Electrochemical synthesis of silver nanoparticles in poly (vinyl alcohol) solution, Journal of the Serbian Chemical Society, 2013 OnLine-First Issue 00, Pages: 124-124, doi:10.2298/JSC131017124S
226.	**Georgieva O., M. Arndt, B. Hitzmann, Modelling of Escherichia coli fed-batch fermentation, In: International Symposium "Bioprocess Systems 2001 - BioPS'01", Sofia, Bulgaria, October 1-3, 2001, I.61-I.64.**	
1444	1	Kosev K. Application of Functional State Modelling Approach. LAP Lambert Academic Publishing AG & Co. KG, 2013, ISBN-13: 9783659407239
227.	**Georgieva O., I. Hristozov, T Pencheva, St. Tzonkov, B. Hitzmann. Mathematical modelling and variable structure control systems for fed-batch fermentation of Escherichia coli, Chemical and Biochemical Engineering Quarterly, 17(4), 2003, 293-299**	
1445	1	Димитров Д. Програмен аспект на теорията на обобщените мрежи – оптимизация на алгоритми за изпълнение, оператори за модификация на модели и приложения. Дисертационен труд, Софийски университет „Св. Климент Охридски", 2013.
228.	**Globisch C., I. Pajeva, M. Wiese. Identification of putative binding sites of P-glycoprotein based on its homoliogy model. ChemMedChem., 3(2), 2008, 280-295.**	
1446	1	Chang Shanyan, Liu Fufeng. Molecular Simulations of ATP-Binding Cassette Transporters. Progress in Chemistry, 25(07): 1208-1218, 2013.

1447	2	Hegedus, T; Gyimesi, G; Gaspar, ME; Szalay, KZ; Gangal, R; Csermely, P. Potential Application of Network Descriptions for Understanding Conformational Changes and Protonation States of ABC Transporters. CURRENT PHARMACEUTICAL DESIGN, 19 (23):4155-4172; JUL 2013.
1448	3	Jara GE, DMA Vera, AB Pierini.Binding of Modulators to Mouse and Human Multidrug Resistance P-glycoprotein. A Computational Study. JOURNAL OF MOLECULAR GRAPHICS AND MODELLING, 46, 2013, 10-21.
1449	4	Kapoor K., H.M. Sim, S.V. Ambudkar. Multidrug resistance in cancer: a tale of ABC drug transporters. In: Molecular Mechanisms of Tumor Cell Resistance to Chemotherapy, Resistance to Targeted Anti-Cancer Therapeutics 1 (B. Bonavida (ed.), Springer Science+Business Media New York, 2013, pp.1-34.
1450	5	Liu, M; Hou, TJ; Feng, ZW; Li, YY. The flexibility of P-glycoprotein for its poly-specific drug binding from molecular dynamics simulations. JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 31 (6):612-629; JUN 1 2013.
1451	6	Loo, TW; Bartlett, MC; Clarke, DM. Human P-glycoprotein Contains a Greasy Ball-and-Socket Joint at the Second Transmission Interface. JOURNAL OF BIOLOGICAL CHEMISTRY, 288 (28):20326-20333; 10.1074/jbc.M113.484550 JUL 12 2013.
1452	7	Loo, TW; Clarke, DM. A Salt Bridge in Intracellular Loop 2 Is Essential for Folding of Human P-Glycoprotein. BIOCHEMISTRY, 52 (19):3194-3196; 10.1021/bi4400425k MAY 14 2013.
1453	8	Loo TW, Clarke DM. Locking Intracellular Helices 2 and 3 Together Inactivates Human P-glycoprotein. J Biol Chem. 2013 Nov 26. doi: 10.1074/jbc.M113.527804 [Epub ahead of print]
1454	9	Szabon-Watola MI., S.V. Ulatowski, K.M. George, C. D. Hayes, S. A. Steiger, N. R. Natale, Fluorescent probes of the isoxazole–dihydropyridine scaffold: MDR-1 binding and homology model, Bioorganic & Medicinal Chemistry Letters, Available online 4 December 2013, http://dx.doi.org/10.1016/j.bmcl.2013.11.068.
1455	10	Xu, Y; Shen, Q; Liu, X; Lu, J; Li, S; Luo, C; Gong, L; Luo, X; Zheng, M; Jiang, H. Computational Models for Predicting Interactions with Membrane Transporters. CURRENT MEDICINAL CHEMISTRY, 20 (16):2118-2136; MAY 2013.
1456	11	Wen, PC; Verhalen, B; Wilkens, S; Mchaourab, HS; Tajkhorshid, E. On the Origin of Large Flexibility of P-glycoprotein in the Inward-facing State. JOURNAL OF BIOLOGICAL CHEMISTRY, 288 (26):19211-19220; 10.1074/jbc.M113.450114 JUN 28 2013.
229.	**Globisch C., I.K. Pajeva, M. Wiese. Structure-Activity Relationships of a Series of Tariquidar Analogs as Multidrug Resistance Modulators, Bioorg. Med. Chem., 14(5), 2006, 1588-1598.**	
1457	1	Devillers, J. Methods for building QSARs. Methods in Molecular Biology, 930, 2013, 3-27.
1458	2	Jara GE, DMA Vera, AB Pierini.Binding of Modulators to Mouse and Human Multidrug Resistance P-glycoprotein. A Computational Study. JOURNAL OF MOLECULAR GRAPHICS AND MODELLING, 46, 2013, 10-21.
1459	3	Liu, HM; Ma, ZG; Wu, BJ. Structure-activity relationships and in silico models of P-glycoprotein (ABCB1) inhibitors. XENOBIOTICA, 43 (11):1018-1026; 10.3109/00498254.2013.791003 NOV 2013
1460	4	Madhavan, T., Gadhe, C., Kothandan, G., Cho, S. Enhancement of P-gylcoprotein modulators of arylmethylamine-phenyl derivatives: an integrative modeling approach. MEDICINAL CHEMISTRY RESEARCH, 22 (5):2511-2523; 10.1007/s00044-012-0246-0 MAY 2013.
1461	5	Patel NR, BS Pattni, AH Abouzeid, VP Torchilin. Nanopreparations to overcome multidrug resistance in cancer, Advanced Drug Delivery Reviews, Available online 22 Aug 2013, volume 65, issue 13-14, year 2013, pp. 1748 – 1762.
1462	6	Y Tajima, H Nakagawa, A Tamura, O Kadioglu, K Satake, Y Mitani, H Murase, LO Regasini, V da Silva Bolzani, T Ishikawa, G Fricker, T Efferth. Nitensidine A, a guanidine alkaloid from Pterogyne nitens is a novel substrate for human ABC transporter ABCB1. PHYTOMEDICINE, Oct 2013. http://dx.doi.org/10.1016/j.phymed.2013.08.024.
1463	7	Zhang, SL; Wei, YX; Li, Q; Sun, HP; Peng, H; You, QD. Pharmacophore-Based Drug Design and Biological Evaluation of Novel ABCB1 Inhibitors. CHEMICAL BIOLOGY & DRUG DESIGN, 81 (3):349-358; 10.1111/cbdd.12081 MAR 2013.
1464	8	Zhu Lilan. A FREE-WILSON MODEL OF ANTIOXIDATIVE ACTIVITIES FOR FLAVONOIDS COMPOUNDS. Acta Nutrimenta Sinica, 34 (4):392-394,399; 2012.

230.	**Gotchev A, Christov I, Egiazarian K (2002) Denoising the electrocardiogram from electromyogram artifacts by combined transform-domain and dynamic approximation method, Int. Conf. Acoustics, Speech and Signal Processing, ICASSP2002, Orlando, USA, 13-17 May, pp. 3872-3875**	
1465	1	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигналилл Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр
231.	**Groth, Th., Altankov, G., Kostadinova, A., Krasteva, N., Albrecht, W., Paul., D., Altered vitronectin receptor (αv integrin) function in fibroblasts adhering on hydrophobic glass, J Biomed Mater Res. Mar 5;44(3), 1999, 341-351, ISSN: 1552-4981**	
1466	1	Müller, C., Müller, A., Pompe, T., Dissipative interactions in cell-matrix adhesion, Soft Matter 9 (27) , 2013, 6207-6216
1467	2	Song, W., Mano, J. F., Interactions between cells or proteins and surfaces exhibiting extreme wettabilities, Soft Matter, 9 (11), 2013, pp. 2985-2999
232.	**Groth, T.,Seifert, B. Malsch, G., Albrecht, W., Paul, D., Kostadinova A., Krasteva, N., Altankov, G., Interaction of Human Skin Fibroblasts with Moderate Wettable Polyacrylonitrile-Copolymer Membranes., Journal of Biomedical Materials Research, Vol. 61, 2002, 290-300, ISSN: 1552-4981**	
1468	1	Aytimur, A., Koçyiğit, S., Uslu, I., Synthesis and Characterization of Poly(vinyl alcohol)/Poly(vinyl pyrrolidone)-Iodine Nanofibers with Poloxamer 188 and Chitosan Polymer, Plastics Technology and Engineering 52 (7), 2013, 661-666
1469	2	Liu, X.,He, J., Zhang, S.,Wang, X.-M.,Liu, H.-Y., Cui, F.-Z. Adipose stem cells controlled by surface chemistry, Journal of Tissue Engineering and Regenerative Medicine7 (2), 2013, 112-117
233.	**Groth T., Zlatanov I., Altankov G., Adhesion of human peripheral lymphocytes on biomaterials preadsorbed with fibronectin and vitronectin, Journal of biomaterials science. Polymer edition, 6(8), 1994, 729-739.**	
1470	1	Rice J.J., Martino M.M., De Laporte L., Tortelli F., Briquez P.S., Hubbell J.A., Engineering the Regenerative Microenvironment with Biomaterials, Advanced Healthcare Materials, 2(1), 2013, 57-71.
1471	2	Wiklund S., Effects on immune cell viability, morphology and proliferation in a sub-microliter cell sampler system, Performed at the Department of Cell Physics, Royal Institute of Technology (KTH), MASTER THESIS, 2013, Linköpings University, Department of Physics, Chemistry and Biology.
234.	**Gydikov A., Kosarov D., Kossev A., Kostov K., Trayanova N., Radicheva N., Biomed. Biochim. Acta, 45, 1986, 63-68, ISSN: 0232766X**	
1472	1	Botter A., Gazzoni M., Merletti RIn: Introduction to Neural Engineering for Motor Rehabilitation. (Farina D, Jensen W, Akay M, eds.) IEEE Press, John Wiley & Sons Inc, Hobo0ken, New Jersey., 2013, ISBN: 1118628497, 9781118628492
1473	2	Pascoe M.A., Gould J.R., Enoka R.M., J. Neurophysiol.,109(4), 2013, 1055–1064, Print ISSN: 0022-3077; Online ISSN: 1522-1598
235.	**Hadjistoykov, P. and K. Atanassov, Remark on intuitionistic fuzzy cognitive maps, Notes on Intuitionistic Fuzzy Sets, Vol. 19, 2013, No. 1, 1–6.**	
1474	1	Biswas, R. Decoding the 'Progress' of Decision Making Process in the Human/Animal Cognition Systems while Evaluating the Membership Value μ(x). Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 21-53.
236.	**Hadjitodorov, S. An intuitionistic fuzzy sets application of the K-NN method. Notes of Intuitionistic Fuzzy Sets, vol 1, No 1, 1995, 66-69.**	
1475	1	Joaquín Derrac, Salvador García, Francisco Herrera. Fuzzy nearest neighbor algorithms: Taxonomy, experimental analysis and prospects, Information Sciences, Available online 13 November 2013, http://www.sciencedirect.com/science/article/pii/S0020025513007779

237.	**Hadjitodorov S., An intuitionistic fuzzy version of the nearest prototype classification method, based on a moving-pattern procedure. Int. J. General Systems, Vol. 30, 2001, No. 2, pp.155-165.**	
1476	1	Joaquín Derrac, Salvador García, Francisco Herrera. Fuzzy nearest neighbor algorithms: Taxonomy, experimental analysis and prospects, Information Sciences, Available online 13 November 2013, http://www.sciencedirect.com/science/article/pii/S0020025513007779
238.	**Hadjitodorov, S., B. Boyanov, N. Dalakchieva. A two-level classifier for text-independent speaker identification. Speech Communication, vol. 21(1997), pp.209-217.**	
1477	1	Świetlicka, I., Kuniszyk-Jóźkowiak, W., Smołka, E. Hierarchical ANN system for stuttering identification, Computer Speech and Language , 27 (1) , 2013, pp. 228 - 242 .
239.	**Hadjitodorov, S., B.Boyanov, B.Teston. Laryngeal pathology detection by means of class-specific neural maps. IEEE Trans.on Information Technology in Biomedicine, vol.4, No 1, 2000, pp. 68-73.**	
1478	1	Ali Akbari, Meisam Khalil Arjmandi. An efficient voice pathology classification scheme based on applying multi-layer linear discriminant analysis to wavelet packet-based features, Biomedical Signal Processing and Control, Available online 8 December 2013, http://www.sciencedirect.com/science/article/pii/S1746809413001572
1479	2	Roy, N., Barkmeier-Kraemer, J., Eadie, T., Sivasankar, M.P., Mehta, D., Paul, D., Hillman, R. Evidence-based clinical voice assessment: A systematic review, American Journal of Speech-Language Pathology, 22 (2), 2013, pp. 212 - 226 . DOI: 10.1044/1058-0360(2012/12-0014)
240.	**Hadjitodorov, S. and L.Kuncheva. Selecting Diversifying Heuristics for Cluster Ensembles, Lecture Notes in Computer Science, Book Multiple Classifier Systems, Springer, Volume 4472/2007, Proc. MCS'07, Prague, Czech Republic, 2007, pp.200-209**	
1480	1	Naldi, M. C. , A. C. P. L. F. Carvalho and R. J. G. B. Campello. Cluster ensemble selection based on relative validity indexes, Data Mining and Knowledge Discovery , 27 (2), 2013, pp. 259 - 289, DOI: 10.1007/s10618-012-0290-x
1481	2	Parimaladevi, R., C. Kavitha. Clustering for outlier detection in large dimensional dataset, International Journal of Computer Science and Management Research, Vol 2, Issue 2 ,February 2013, pp.1613-1620, ISSN 2278-733X
1482	3	Zimek, A., J. Vreeken, The blind men and the elephant: on meeting the problem of multiple truths in data from clustering and pattern mining perspectives, Machine Learning, March 2013, http://link.springer.com/article/10.1007/s10994-013-5334-y#
241.	**Hadjitodorov S., L. I. Kuncheva, L. P. Todorova. Moderate Diversity for Better Cluster Ensembles. Information Fusion Journal, 7, 2006, 264-275, ISSN: 1566-2535**	
1483	1	Connolly J.-F., E. Granger, R. Sabourin.. On the correlation between genotype and classifier diversity. Proceedings of the International Conference on Pattern Recognition, art. no. 6460320, 2013, 1068-1071.
1484	2	Duarte J. M. M., A. L. N. Fred, F.J.F. Duarte. Adaptive evidence accumulation clustering using the confidence of the objects' assignments. Lecture Notes in Computer Science, 7769, 2013, 70-87.
1485	3	Fodeh S. J., C. Brandt, T. B. Luong, A. Haddad, M. Schultz, T. Murphy, M. Krauthammer. Complementary ensemble clustering of biomedical data. Journal of Biomedical Informatics, 46(3), 2013, 436-443.
1486	4	Fred A. L. N., A. Lourenço, H. Aidos, S. R. Bulò, N. Rebagliati, M. A. T. Figueiredo, M. Pelillo. Learning Similarities from Examples under the Evidence Accumulation Clustering Paradigm. Similarity-Based Pattern Analysis and Recognition, Advances in Computer Vision and Pattern Recognition, Springer, 2013, 85-117.
1487	5	Gao C., W. Pedrycz, D. Miao. Rough subspace-based clustering ensemble for categorical data. Soft Computing 17 (9), 2013, 1643-1658.
1488	6	Iam-On N., T. Boongoen. Comparative study of matrix refinement approaches for ensemble clustering. Machine Learning, 2013, pp. 1-32.
1489	7	Liu B.-X, J.-H. Jia, K.-Z. Tang, X. Xu. Resampling-based Spectral Clustering Ensemble Selection, Science Technology and Engineering, 2013, 13(19), P391.6.
1490	8	Lourenço A., S. R. Bulò, A. Fred, M. Pelillo. Consensus clustering with robust evidence accumulation. Lecture Notes in Computer Science, 8081, 2013, 307-320

1491	9	Lu X., Y. Yang, H. Wang. Selective Clustering Ensemble Based on Covariance. Multiple Classifier Systems, Lecture Notes in Computer Science, 7872, 2013, 179-189.
1492	10	Naldi M. C., A. C. P. L. F. Carvalho, R. J. G. B. Campello. Cluster ensemble selection based on relative validity indexes. Data Mining and Knowledge Discovery, 27(2), 2013, 259-289, ISSN: 1384-5810.
1493	11	Parimaladevi R., C. Kavitha. Clustering For Outlier Detection in Large Dimensional Dataset. International Journal of Computer Science and Management Research, Vol. 2, Issue 2, 2013, 1613-1620, ISSN 2278-733X.
1494	12	Pividori M., G. Stegmayer, D. H. Milone. A Novel Method to Control the Diversity in Cluster Ensembles. Argentine Symposium on Artificial Intelligence (ASAI 2013) - 42º JAIIO, 121-132, 2013, http://fich.unl.edu.ar/sinc/publications/2013 /PSM13/ sinc_PSM13.pdf
1495	13	Wang X., D. Han, C. Han. Rough set based cluster ensemble selection Information Fusion (FUSION). 16th International Conference on, IEEE Conference Publications, 2013, 438 - 444.
1496	14	Zimek A., M. Gaudet, R. J. G. B Campello, J. Sander. Subsampling for Efficient and Effective Unsupervised Outlier Detection Ensembles, http://www.dbs.ifi.lmu.de /~zimek/publications/KDD2013/subsampling-outlier-ensemble.pdf
1497	15	Zimek A., J. Vreeken. The blind men and the elephant: on meeting the problem of multiple truths in data from clustering and pattern mining perspectives. Machine Learning, 2013, pp. 1-35.
242.	**Hadjitodorov S, Mitev P. A computer system for acoustic analysis of pathological voices and laryngeal diseases screening, Medical Engineering & Physics, 24 (6): 419-429 JUL 2002**	
1498	1	Ali Akbari, Meisam Khalil Arjmandi. An efficient voice pathology classification scheme based on applying multi-layer linear discriminant analysis to wavelet packet-based features, Biomedical Signal Processing and Control, Available online 8 December 2013, http://www.sciencedirect.com/science/article/pii/S1746809413001572
1499	2	Fang, C., Li, H., Ma, L., Zhang, X. Nonlinear dynamic analysis of pathological voices, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics),2013, 7996 LNAI, pp. 401 – 409.
1500	3	Ladan Baghai-Ravary and Steve W. Beet. Automatic Speech Signal Analysis for Clinical Diagnosis and Assessment of Speech Disorders ,Technology and Implementation, SpringerBriefs in Electrical and Computer Engineering, 2013, 21-37, DOI: 10.1007/978-1-4614-4574-6_4
1501	4	Vikram, C.M. ; Sri Jaya Chamarajendra College of Engineering, Mysore, India ; Umarani, K. Phoneme independent pathological voice detection using wavelet based MFCCs, GMM-SVM hybrid classifier, Proc. 2013 International Conference on Advances in Computing, Communications and Informatics (ICACCI), 22-25 Aug. 2013, Mysore, India, pp: 929 – 934, Print ISBN: 978-1-4799-2432-5 ,DOI: 10.1109/ICACCI.2013.6637301
1502	5	Vikram, C.M., Umarani, K. Text independent classification of normal and pathological voices using MFCCs and GMM-UBM, 2013 IEEE Conference on Information and Communication Technologies, ICT 2013, art. no. 6558286 , pp. 1215 - 1220 .
243.	**Hadjyisky L., Atanassov K., A generalized net, representing the elements of one neuron network set. AMSE Review, Vol. 14, No. 4, 1990, 55-59.**	
1503	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
244.	**Hadjyisky L., Atanassov K., Generalized net model of the intuitionistic fuzzy neural networks, Advances in Modelling & Analysis, AMSE Press, Vol. 23, 1995, No. 2, 59-64.**	
1504	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
245.	**Hadjyisky L., Atanassov K., Generalized nets representing the elements of neuron networks, in Applications of generalized nets, (K. Atanassov, Ed.), World Scientific Publ. Co., Singapore, 1993, 49-67.**	
1505		Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
246.	**Hadjyisky L., Atanassov K., Theorem for representation of the neuronal networks by generalized nets. AMSE Review, Vol. 12, No. 3, 1990, 47-54.**	
1506	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.

247.	**Hadzhilazova M., Mladenov I. and Oprea J., Unduloids and Their Geometry, Arch. Math 43 (2007) 417-429**	
1507	1	Kusumaatmaja H. and Wales D., Defect Motifs for Constant Mean Curvature Surfaces, Phys. Rev. Lett. 110 (2013) 165502.
1508	2	Vassilev V., Unduloid-Like Equilibrium Shapes of Single-Wall Carbon Nanotubes Under Pressure, Geometry, Integrability and Quantization 14, (2013) 244-252
248.	**Hadzhilazova M., Mladenov I. and Slawianowski J., On Kenmotsu Type Parameterization of Delaunay Surfaces, In: Proceedings of the Thirty Sixth Spring Conference of the Union of Bulgarian Mathematicians, UBM, Sofia 2007, pp 173-179**	
1509	1	Vassilev V. , Unduloid-Like Equilibrium Shapes of Single-Wall Carbon Nanotubes Under Pressure, Geometry, Integrability and Quantization 14 (2013) 244-252
249.	**Hepp-Reymond M.-C., V. Chakarov, J. Schulte-Mönting,F. Huethe, R. Kristeva Role of Proprioception and Vision in Handwriting. Brain Research Bulletin, 79 (6) , 2009, 365-370.**	
1510	1	Almeida P.H.T.Q.D., D.M.C.D. Cruz, L.A. Magna, I.S.V. Ferrigno. An Electromyographic Analysis of Two Handwriting Grasp Patterns. Journal of Electromyography and Kinesiology, 23 (4) , 2013, 838-843.
1511	2	Danna J., V. Paz-Villagrán, J.-L. Velay. Signal-To-Noise Velocity Peaks Difference: A New Method for Evaluating the Handwriting Movement Fluency in Children with Dysgraphia. Research in Developmental Disabilities, 34 (12) , 2013, 4375-4384.
1512	3	Ghali B., A.N. Thalanki, J. Chan, T. Chau. Variability of Grip Kinetics during Adult Signature Writing, PLoS ONE 8 (5) , art. no. e63216, 2013.
1513	4	Hellinckx T., H. Roeyers, H. Van Waelvelde. Predictors of Handwriting in Children with Autism Spectrum Disorder Research in Autism Spectrum Disorders, 7 (1), 2013, 176-186.
1514	5	Timberlake G.T., R.J. Bothwell, K. Moyer. Handwriting with a preferred retinal locus for AMD with scotomas. Optometry and Vision Science, 90 (5) , 2013, 455-465.
250.	**Herrero GG, Gotchev A, Christov I, Egiazarian K (2004) Heartbeat classification using independent component analysis and matching pursuits, ed. University of Jyväskylä, Advanced methods for processing bioelectrical signals, Jyväskylä, Finland, October 2004, pp. 1-13.**	
1515	1	Sambhu D, Umesh AC (2013) Automatic classification of ECG signals with features extracted using wavelet transform and support vector machines, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, 2,(1), pp.235-241, ISSN:2320–3765
251.	**Herrero GG, Gotchev A, Christov I, Egiazarian K (2005) Feature extraction for heartbeat classification using independent component analysis and matching pursuits, Int. Conf. Acoustics, Speech and Signal Processing, IEEE, ICASSP2005, Philadelphia, Pennsylvania, USA, 19-23 March, book 4, pp. 725-728**	
1516	1	Bashir MEA, Shon HS, Lee DG, Kim H, Ryu KH (2013) Real-time automated cardiac health monitoring by combination of active learning and adaptive feature selection. KSII Transactions on Internet and Information Systems 7, (1), pp. 99-118, ISSN: 1976-7277
1517	2	Sansone M, Fusco R, Pepino A, Sansone C (2013) Electrocardiogram pattern recognition and analysis based on artificial neural networks and support vector machines: A review. Journal of Healthcare Engineering, 4, (4), pp. 465-504.
252.	**Hincha D.K., Popova A.V., Cacela C., Effects of sugars on the stability and structure of lipid membranes during drying, in: Advances in Planar Lipid Bilayers and Liposomes, (Leitmanova Liu A.L., Ed), Vol. 3, Elsevier, 2006, pp. 189-217. ISBN – 978-0-12-370622-5**	
1518	1	Rajan R., Jain M., Matsumura K., Cryoprotective properties of completely synthetic polyampholytes via reversible addition-fragmentation chain transfer (RAFT) polymerization and the effects of hydrophobicity, Journal of Biomaterials Science, Polymer Edition, 24 (15), 2013, 1767-1780.
1519	2	Thakur P., Nayyar H., Facing the cold stress by plants in the changing environment: sensing, signalling, and defending mechanisms, in: Plant Acclimation to Environmental stress (Tuteja N and Gill SS, Eds), 2013, 29-70.

253.	**Hristova N.I., Tsoneva I., Neumann E., Sphingosine-mediated electroporative DNA transfer through lipid bilayers , FEBS Letters, 415 (1) ,1997), pp. 81-86, ISSN 0014-5793.**	
1520	1	Beebe, S.J., Bioelectrics in basic science and medicine: Impact of electric fields on cellular structures and functions , Journal of Nanomedicine and Nanotechnology 4, 2013
254.	**Hundertmark M., Popova A.V., Rausch S., Seckler R., Hincha D.K., Influence of drying on the secondary structure of intrinsically disordered and globular proteins, Biochemical and Biophysical Research Communications, 417, 2012, 122-128. ISSN – 0006-291X**	
1521	1	Bhardwaj R., Sharma I, Kanwar M., Sharma R., Handa N., Kaur H., Kapoor D., Poonam, LEA Proteins in Salt Stress Tolerance, in: Salt stress in Plants: Signalling, Omics and Adaptations, Ahmad P. et al. (eds), Springer Science and Business Media, New York, 2013, pp 79-112.
1522	2	Campos F., Cuevas-Velazquez C., Fares M.A., Reyes J.L., Covarrubias A.A., Group 1 LEA proteins, an ancestral plant protein group, are also present in other eukaryotes, and in the archeae and bacteria domains, Molecular Genetics and Genomics, 288 (10), 2013, 503-517.
1523	3	Du D., Zhang Q., Cheng T., Pan H., Yang W., Sun L., Genome-wide identification and analysis of late embryogenesis abundant (LEA) genes in Prunus mume, Molecular Biology Reports, 40 (2), 2013, 1937-1946.
1524	4	Marunde M.R., Samarajeewa D.A., Anderson J., Li S., Hand S.C., Menze M.A., Improved tolerance to salt and water stress in Drosophila melanogaster cells conferred by late embryogenesis abundant protein, Journal of Insect Physiology, 59 (4), 2013, 377-386.
1525	5	Matsumura K., Hayashi F., Nagashima T., Hyon S.H., Long-term cryopreservation of human mesenchymal stem cells using carboxylated poly-l-lysine without the addition of proteins or dimethyl sulfoxide, Journal of Biomaterials Science, Polymer Edition, 24 (12), 2013, 1484-1497.
255.	**Idakieva, K., Parvanova, K., Todinova, S., Differential scanning calorimetry of the irreversible denaturation of Rapana thomasiana (marine snail, Gastropod) hemocyanin, BBA - Proteins and Proteomics, 1748, 2005, 50-56. ISSN: 1570- 9639**	
1526	1	Carvalho, J.W.P.; Carvalho, F.A.O.; Santiago, P.S.; Tabak, M., Thermal denaturation and aggregation of hemoglobin of Glossoscolex paulistus in acid and neutral media, Int. J. Biol. Macromol, 54 2013, 109–118.
1527	2	Velkova L., Структура и функция на въглехидратните вериги на хемоцианин, изолиран от морски охлюв Rapana venosa, Doctoral Thesis, Inst. Organic Chemistry, BAS, 2013.
256.	**Iliev I, Krasteva V, Tabakov S. Real-time detection of pathological cardiac events in the electrocardiogram, Physiological Measurement, 2007; 28: 259-276.**	
1528	1	Molina–Picó A, Cuesta–Frau D, Miró–Martínez P, Oltra–Crespo A, Aboy M, (2013), Influence of QRS complex detection errors on entropy algorithms. Application to heart rate variability discrimination, Computer Methods and Programs in Biomedicine, ISSN: 0169-2607, 110(1), pp. 2-11, http://dx.doi.org/10.1016/j.cmpb.2012.10.014 .
257.	**Iliev I, Tabakov S, Krasteva V, Combined high-pass and power-line interference rejecter filter for ECG signal processing, Proc. 17-th Internat. Sci. Conf. "Electronics'2008", Sozopol, Sept.24-26, 2008, book 1, 49-54.**	
1529	1	Chi Kin Lao, U Kin Che, Wei Chen, Sio Hang Pun, Peng Un Mak, Feng Wan, Mang I Vai, (2013), Portable heart rate detector based on photoplethysmography with android programmable devices for Ubiquitous Health Monitoring System, Internat. J. of Advances in Telecommunications, Electrotechnics, Signals and Systems, Vol.2 (1), pp. 9-17, ISSN: 1805-5443, doi: 10.11601/ijates.v2i1.22, http://www.ijates.org/index.php/ijates/article/view/22
258.	**Ishpekova B.A., Christova L.G., Alexandrov A.S., Thomas P.K., The electrophysiologic profile of novel hereditary motor and sensory neuropathy – Lom, Journal of Neurology, Neurosurgery. and Psychiatry, 76(6), 2005, 875-878, ISSN 0022-3050.**	
1530	1	Kang J.H., Kim H.J., Lee E.R., Electrophysiological Evaluation of Chronic Inflammatory Demyelinating Polyneuropathy and Charcot-Marie-Tooth Type 1: Dispersion and Correlation Analysis, J. Phys. Ther. Sci. 25, 2013, 1265–1268, ISSN: 0915-5287

259.	**Ishpekova B., Milanov Iv., Christova L.G., Alexandrov A.S., Comparative analysis between Duchenne and Backer types muscular dystrophy, Electromyography and Clinical Neurophysiology. 39(5), 1999, 315-318**	
1531	1	Hanisch F., Kronenberger C., Zierz S., Kornhuber M., The Significance of Pathological Spontaneous Activity in Various Myopathies, Clinical Neurophysiology, 2013, ISSN: 1388-2457
260.	**Ivanov A.G., R.M.Morgan, G. R. Gray, M. Y Velitchkova, and N. P. A. Huner, (1998) Temperature/light dependent development of selective resistance to photoinhibition of Photosystem I, FEBS Lett., 430, 288-292. ISSN 0014-5793.**	
1532	1	Nath K., Poudyal R. S., Eom Joon-Seob, Park Yu Shin, Zulfugarov I. S., Mishra S. R., Tovuu A., Ryoo N., Yoon Ho-Sung, Nam Hong Gil, An Gynheung, Jeon Jong-Seong, Lee Choon-Hwan, Loss-of-function of OsSTN8 suppresses the photosystem (PS) II core protein phosphorylation and interferes with PSII repair mechanism in rice (Oryza sativa). The Plant Journal, 76 (4), 2013, 675-686, DOI: 10.1111/tpj.12331
1533	2	Ozakca D. U. Effect of Abiotic Stress on Photosystem I-Related Gene Transcription in Photosynthetic Organisms. In: Agricultural and Biological Sciences » "Photosynthesis", book edited by Zvy Dubinsky, ISBN 978-953-51-1161-0, Published: June 12, 2013. pp. 161-183.
1534	3	Sen K., Ghosh A. , Chakraborty M. , Maity S., Ghosh S., DasGupta M., Trans-thylakoid ΔpH dependent oscillation of FPSI/FPSII under continuous irradiance in isolated thylakoids. J. Bioenerg. Biomembr. 2013, DOI 10.1007/s10863-013-9533-9
1535	4	Šeršeň F. and Kráľová K. EPR Spectroscopy — A Valuable Tool to Study Photosynthesizing Organisms Exposed to Abiotic Stresses In: Agricultural and Biological Sciences » "Photosynthesis", book edited by Zvy Dubinsky, ISBN 978-953-51-1161-0, Published: June 12, 2013. pp.247-283.
1536	5	ZHANG Zi-Shan, LI Geng, GAO Hui-Yuan, LIU Peng, YANG Cheng, MENG Xiang-Long and MENG Qing-Wei Changes of Photochemistry Activity during Senescence of Leaves in Stay Green and Quick-Leaf-Senescence Inbred Lines of Maize. Acta Agronomica Sinica, 39(1), 2013, 93−100. DOI: 10.3724/SP.J.1006.2013.00093.
1537	6	Zhang Z.-S., Yang C., Gao, H.-Y. Chilling photoinhibition of photosystem I and its recovery after photoinhibition. Plant Physiology Journal, 49 (4), 2013, 301 - 308.
261.	**Ivanov A., M. Velitchkova (1990) Heat induced changes of the efficiency of P700 photooxidation in pea chloroplast membranes, J. Photochem. Photobiol. B, 4, 307 - 320. ISSN: 1011-1344**	
1538	1	Ducruet J. M. Pitfalls, artefacts and open questions in chlorophyll thermoluminescence of leaves or algal cells. Photosynth. Res., 2013, 115, 89-99. DOI 10.1007/s11120-013-9859-5.
262.	**Ivanov I.T., Todorova R., Zlatanov I., Spectrofluorometric and microcalorimetric study of the thermal poration relevant to the mechanism of thermohaemolysis, Int. J. Hyperthermia 15, 1999, 29–43.**	
1539	1	Lakshmanan S., Gupta G.K., Avci P., Chandran R., Sadasivam M., Jorge A.E., Hamblin M.R., Physical energy for drug delivery; poration, concentration and activation, Adv. Drug Deliv Rev., 2013 doi:pii: S0169-409X(13)00148-8. 10.1016/j.addr.2013.05.010 [Epub ahead of print].
263.	**Ivanova P.I., Dobrikova A.G., Taneva S.G., Apostolova E.L. Sensitivity of the photosynthetic apparatus to UV-A radiation: Role of light-harvesting complex II-photosystem II supercomplex organization, Radiation and Environmental Biophysics, 47(1), 2008, 169-177**	
1540	1	Giardi M.T., Rea G., Lambreva M.D., Antonacci A., Pastorelli S., Bertalan I., Johanningmeier U., Mattoo A.K., Mutations of Photosystem II D1 Protein That Empower Efficient Phenotypes of Chlamydomonas reinhardtii under Extreme Environment in Space, PLoS ONE, 8(5), 2013, art. no. e64352.
1541	2	Joshi P., Gartia S., Pradhan M.K., Panigrahi S., Nayak L., Biswal B., Acclimation of clusterbean cotyledon to UV-B radiation in the presence of UV-A: Partial restoration of photosynthetic energy balance and redox homeostasis, Acta Physiologiae Plantarum, 35(7), 2013, 2323-2328.
1542	3	Wolff S.A., Coelho L.H., Zabrodina M., Brinckmann E., Kittang A.-I., Plant mineral nutrition, gas exchange and photosynthesis in space: A review, Advances in Space Research, 51(3), 2013, 465-475.

264.	**Jekova I. Comparison of five algorithms for the detection of ventricular fibrillation from the surface ECG. Physiol. Meas. 2000;21:429-439**	
1543	1	Li Q, Rajagopalan C, Clifford G (2013 in press), Ventricular Fibrillation and Tachycardia Classification Using Machine Learning Method. Transactions on Biomedical Engineering
1544	2	Yang XL, Li ZW, Hu ZG, Song WD (2013) Shockable rhythms detection based on nonlinear dynamic parameter. Applied Mechanics and Materials, 373-375, pp. 667-672
265.	**Jekova I. Shock advisory tool: Detection of life-threatening cardiac arrhythmias and shock success prediction by means of a common parameter set. Biomedical Signal Processing & Control 2007;2:25-33**	
1545	1	Li Q, Rajagopalan C, Clifford G (2013 in press), Ventricular Fibrillation and Tachycardia Classification Using Machine Learning Method. Transactions on Biomedical Engineering.
1546	2	Mi He, Bihua Chen, Yushun Gong, Kaifa Wang, Yongqin Li (2013) Prediction of Defibrillation Outcome by Ventricular Fibrillation Waveform Analysis: A Clinical Review. J Clinic Experiment Cardiol, S10, http://dx.doi.org/10.4172/2155-9880.S10-009.
266.	**Jekova I, Bortolan G, Christov I (2004) Pattern Recognition and Optimal Parameter Selection in Premature Ventricular Contraction Classification IEEE Computers in Cardiology, 31, pp. 357-360.**	
1547	1	Rockstroh, Christian (2013) Novel algorithms and rating methods for high-performance ECG classification. Dr of Sci thesis, Friedrich Alexander Universität, Erlangen Nürnberg, 232 pages, http://opus4.kobv.de/opus4-fau/files/4031/ChristianRockstrohDissertation.pdf
267.	**Jekova I, Bortolan G, Christov I (2008) Assessment and comparison of different methods for heartbeat classification. Medical Engineering & Physics, 30, pp. 248-257**	
1548	1	Noack A, Poll R, Fischer W-J, Zaunseder S (2013) QRS pattern recognition using a simple clustering approach for continuous data. IEEE XXXIII Int.Conf. on Electronics and Nanotechnology, 16-19 April, Kiev, Ukraine, pp. 228-232, ISBN: 9781-4673-4669-6.
1549	2	Rockstroh, Christian (2013) Novel algorithms and rating methods for high-performance ECG classification. Dr of Sci thesis, Friedrich Alexander Universität, Erlangen Nürnberg, 232 pages, http://opus4.kobv.de/opus4-fau/files/4031/ChristianRockstrohDissertation.pdf
1550	3	Sansone M, Fusco R, Pepino A, Sansone C (2013) Electrocardiogram pattern recognition and analysis based on artificial neural networks and support vector machines: A review. Journal of Healthcare Engineering, 4, (4), pp. 465-504.
1551	4	Yun-Chi Yeh (2013) Fuzzy logic method for motor quality types on current waveforms. Measurement, 46, (5), pp. 1682-1691, ISSN: 0263-2241
268.	**Jekova I, Cansell A, Dotsinsky I. Noise sensitivity of three surface ECG fibrillation detection algorithms. Physiol. Meas. 2001;22:287-297**	
1552	1	Zhou S, Gu J (2013) Statistical classification of ventricular tachycardia and ventricular fibrillation based on histogram and average absolute deviation. Proc. of the IASTED International Conference on Biomedical Engineering, BioMed 2013, pp. 462-468
269.	**Jekova I, Dushanova J, Popivanov D. Method for ventricular fibrillation detection in the external electrocardiogram using nonlinear prediction. Physiol. Meas. 2002;23:337-345**	
1553	1	Deakin CD (2013) Á la carte defibrillation poised to enter the fixed price resuscitation menu. Resuscitation, 84(12), pp. 1639-1640
1554	2	Othman M, Safri N, Ghani I, Harun F, Ariffin I (2013) A new semantic mining approach for detecting ventricular tachycardia and ventricular fibrillation. Biomedical Signal Processing and Control, 8(2), pp. 222–227.
270.	**Jekova I, Krasteva V. Real time detection of ventricular fibrillation and tachycardia. Physiol. Meas. 2004;25:1167-1178**	
1555	1	Alonso-Atienza F, Morgado E, Fernandez-Martinez L, Garcia-Alberola A, Rojo-Alvarez J (2013 in press) Detection of Life-threatening Arrhythmias Using Feature Selection and Support Vector Machines. IEEE Transactions on Biomedical Engineering
1556	2	Li Q, Rajagopalan C, Clifford G (2013 in press), Ventricular Fibrillation and Tachycardia Classification Using Machine Learning Method. Transactions on Biomedical Engineering

271.	**Jekova I, Krasteva V. Subtraction of 16.7 Hz railroad net interference from the electrocardiogram: Application for automatic external defibrillators. Physiol. Meas. 2005;26:987-1003**	
1557	1	Piskorowski J (2013) Time-efficient removal of power-line noise from EMG signals using IIR notch filters with non-zero initial conditions. Biocybernetics and Biomedical Engineering, 33(3), pp.170-178.
1558	2	Михов Г (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигнали. Дисертация за "Доктор на науките", Техн. Унив. – София, 270 стр.
272.	**Jekova I, Krasteva V, Christov I, Abächerli R (2012) Threshold-based system for noise detection in multilead ECG recordings. Physiological Measurement, 33, pp. 1473-1477**	
1559	1	Linda Rattfält (2013) Smartware electrodes for ECG measurements - Design, evaluation and signal processing. PhD thesis, Linköping University, Sweden, 106 pages, http://www.diva-portal.org/smash/get/diva2:660168/FULLTEXT01.pdf
1560	2	Nizami S, Green JR, McGregor C (2013) Implementation of artifact detection in critical care: A methodological review. IEEE Reviews in Biomedical Engineering, 6, pp. 127-142, ISSN: 1937-3333
1561	3	Yu Chen, Yi Xin, Weituo Hao, Lingzhi Kang, Dongqin Cai (3013) ECG quality evaluation based on wavelet multi-scale entropy. J. of Theoretical and Applied Information Technology, 48, (1), pp. 254-259, ISSN: 1992-8645
273.	**Jekova I, Krasteva V, Dotsinsky I, Christov I, Abächerli R (2011) Recognition of diagnostically useful ECG recordings: Alert for corrupted or interchanged leads. Computing in Cardiology, 38, pp. 429-432**	
1562	1	Martínez-Pérez B, Torre-Díez I,López-Coronado M, Herreros-González J (2013) Mobile Apps in Cardiology: Review. J. of Medical Internet Research, 15, (7), 15 pages, http://mhealth.jmir.org/2013/2/e15/
1563	2	Palanivel Rajan S, Manimala K, Sri Nivethini C (2013) Certain explorations of ECG pre-processing and R-peak detection technique using wavelet analysis, Int. J. of Engineering Research & Technology, 2, (2), pp.1-7, ISSN: 2278-0181
274.	**Jekova I, Mitev P. Detection of ventricular fibrillation and tachycardia from the surface ECG by a set of parameters acquired from four methods. Physiol. Meas. 2002;23:629-634**	
1564	1	Li Q, Rajagopalan C, Clifford G (2013 in press), Ventricular Fibrillation and Tachycardia Classification Using Machine Learning Method. Transactions on Biomedical Engineering.
1565	2	Rosado-Muñoz A, Martínez-Martínez JM, Escandell-Montero P, Soria-Olivas E (2013) Visual data mining with self-organising maps for ventricular fibrillation analysis. Computer Methods and Programs in Biomedicine, 111(2), pp. 269-279.
275.	**Jekova I, Mougeolle F, Valance A. Defibrillation shock success estimation by a set of six parameters derived from the electrocardiogram. Physiol. Meas. 2004;25:1179-1188**	
1566	1	Firoozabadi R, Nakagawa M, Helfenbein ED, Babaeizadeh (2013) Predicting defibrillation success in sudden cardiac arrest patients. Journal of Electrocardiology, 46(6), pp. 473–479.
1567	2	Mi He, Bihua Chen, Yushun Gong, Kaifa Wang, Yongqin Li (2013) Prediction of Defibrillation Outcome by Ventricular Fibrillation Waveform Analysis: A Clinical Review. J Clinic Experiment Cardiol 2013, S10, http://dx.doi.org/10.4172/2155-9880.S10-009.
1568	3	Requena-Carrion J, Alonso-Atienza F, Everss E, Sanchez-Munoz JJ, Orti, M, Garcia-Alberola A, Rojo-Ãlvarez JL (2013) Analysis of the robustness of spectral indices during ventricular fibrillation. Biomedical Signal Processing and Control, 8(6),pp. 733 – 739.
1569	4	Requena-Carrión J, Beltrán-Molina FA, Marques AG (2013) Relating the spectrum of cardiac signals to the spatiotemporal dynamics of cardiac sources. Biomedical Signal Processing and Control, 8(6), pp. 935-944.
1570	5	Wu X, Bisera J, Tang W (2013) Signal integral for optimizing the timing of defibrillation. Resuscitation, 84(12), pp. 1704-1707.

276.	**Julien J.-P., Huarte N., Maeso R., Taneva S.G., Cunningham A., Nieva J.L., Pai E.F. Ablation of the complementarity-determining region H3 apex of the anti-HIV-1 broadly neutralizing antibody 2F5 abrogates neutralizing capacity without affecting core epitope binding, Journal of Virology, 84(9), 2010, 4136-4147.**	
1571	1	Lutje Hulsik D., Liu Y.-Y., Strokappe N.M., Battella S., El Khattabi M., McCoy L.E., Sabin C., Hinz A., Hock M., Macheboeuf P., Bonvin A.M.J.J., Langedijk J.P.M., Davis D., Forsman Quigley A., Aasa-Chapman M.M.I., Seaman M.S., Ramos A., Poignard P., Favier A., Simorre J.-P., Weiss R.A., Verrips C.T., Weissenhorn W., Rutten L., A gp41 MPER-specific Llama VHH Requires a Hydrophobic CDR3 for Neutralization but not for Antigen Recognition, PLoS Pathogens, 9(3), 2013, art. no. e1003202.
1572	2	Mascola J.R., Haynes B.F., HIV-1 Neutralizing Antibodies: Understanding Nature's Pathways, Immunological Reviews, 254(1), 2013, 225-244.
1573	3	Smith D.M., Simon J.K., Baker Jr., J.R., Applications of nanotechnology for immunology, Nature Reviews Immunology, 13(8), 2013, 592-605.
1574	4	Yi G., Lapelosa M., Bradley R., Mariano T.M., Dietz D.E., Hughes S., Wrin T., Petropoulos C., Gallicchio E., Levy R.M., Arnold E., Arnold G.F., Chimeric Rhinoviruses Displaying MPER Epitopes Elicit Anti-HIV Neutralizing Responses, PLoS ONE, 8(9), 2013, art. no. e72205.
277.	**Jose R., Z. Zhelev, R. Bakalova, Y. Baba, Ishikawa, M., White-light-emitting quantum dots synthesized at room temperature, Appl. Phys. Lett., 89, 2006, 013115-013117, ISSN 0003-6951 (print)**	
1575	1	Ren X.L., Q.Y. Li, Y.N. Xue, X.F. Zhai, M. Yu. – Solvothermal synthesis of well-dispersed ZnSe microspheres, J. Colloid Interface Sci., 2013, 389, 53-60.
278.	**Karunambigai, M.G., P. Rangasamy, K. Atanassov, N. Palaniappan. An intuitionistic fuzzy graph method for finding the shortest paths in networks. In:- Theoretical Advances and Applications Fuzzy Logic and Soft Computiong (O. Castill, et. al., Editors), Springer, Berlin, 2007, 3-10.**	
1576	1	SS Biswas, B Alam, MN Doja. Intuitionistic Fuzzy Real Time Multigraphs for Communication Networks: A Theoretical Model. AASRI Procedia, Volume 5, 2013, Pages 114–119
1577	2	Biswas, S.S., B. Alam and M.N. Doja, 2013. Real time multigraphs for communication networks: An intuitionistic fuzzy mathematical model. J. Comput. Sci., 2013, 9: 847-855.
1578	3	Biswas, S.S., B. Alam and M.N. Doja. An Algorithm for Extracting Intuitionistic Fuzzy Shortest Path in a Graph. Applied Computational Intelligence and Soft Computing. Volume 2013 (2013), Article ID 970197, 5 pages http://dx.doi.org/10.1155/2013/970197
279.	**Keranov, I., Vladkova, T., Minchev, M., Kostadinova, A., Altankov, G., Preparation, Charac-terisation and Cellular Interactions of Collagen Immobilized PDMS Surfaces, J. Appl. Polym. Sci., 110 (1), 2008, 321-330, ISSN: 1097-4628**	
1579	1	López-Santos, C., Fernández-Gutiérrez, M.,Yubero, F.,Vazquez-Lasa, B., Cotrino, J.,González-Elipe, A., Román, J.S. Effects of plasma surface treatments of diamond-like carbon and polymeric substrata on the cellular behavior of human fibroblasts, Journal of Biomaterials Applications 27 (6), 2013, 669-683
280.	**Kirchhof K., Hristova K., Krasteva N., Altankov G., Groth T., Multilayer coatings on biomaterials for control of MG-63 osteoblast adhesion and growth, Journal of Materials Science: Materials in Medicine, 20 (4), 2009, pp. 897-907, ISSN: 0957-4530**	
1580	1	Wang, H. G.,Yin, T. Y.,Ge, S. P., Zhang, Q.,Dong, Q. L.,Lei, D. X.,Sun, D. M.,Wang, G. X., Biofunctionalization of titanium surface with multilayer films modified by heparin-VEGF-fibronectin complex to improve endothelial cell proliferation and blood compatibility, Journal of Biomedical Materials Research - Part A101 A (2) , pp. 413-420
281.	**Kirilov G., Tomova A., Dakovska L., Kumanov Ph., Shinkov A., Alexandrov A.S., Elevated plasma endothelin as an additional cardiovascular risk factor in patients with Cushing's syndrome, European Journal of Endocrinology, 149(6), 2003, 549-553, ISSN 0804-4643.**	
1581	1	Luk A., Ezzat S., Butany J., Pathology, pathophysiology, and treatment strategies of endocrine disorders and their cardiac complications, Semin Diagn Pathol., 30(3), 2013, 245-62, ISSN: 0740-2570.

1582	2	Momblán A.M., Impacto de un programa educativo para el paciente con síndrome de Cushing: Estudio Multicéntrico, 2013, 245 PhD thesis, http://84.88.10.27/bitstream/handle/10803/112025/MAMM_TESIS.pdf?sequence=1, (http://hdl.handle.net/10803/112025)
1583	3	Pappa T., Kaltsas G., Piaditis G., Chrousos G.P., Adrenal Incidentalomas and Arterial Hypertension. Endocrine Hypertension, Contemporary Endocrinology Humana Press, Springer New York Heidelberg Dordrecht London, 2013, 107-121, ISBN: 978-1-60761-547-7.
1584	4	Poianã C., Chiriåã C., Caræote M., Hortopan D., Ioachim D., Corneci C.M., Stãnescu B., Adrenal and Pituitary Incidentalomas in a Case of Cushing's Syndrome. Chirurgia. 108(6), 2013, 886-891, ISSN: 1221-9118.
1585	5	Van der Pas R, Van Esch J., de Bruin C., Danser A.H., Pereira A.M., Zelissen P., Netea-Maier R.T., Sprij-Mooij D., Garrelds I.M., van Schaik R., Lamberts S.W., van den Meiracker A.H., Hofland L., Feelders R.A., Cushing's disease and hypertension: role of the renin-angiotensin-aldosterone system and effects of medical therapy; in vivo and in vitro studies., Eur J Endocrinol, 2013, ISSN: 0804-4643.
282.	**Kirilov G., Zacharieva S., Alexandrov A.S., Lozanov V., Mitev V., Increased plasma endothelin level as an endothelial marker of cardiovascular risk in patients with active acromegaly: a comparison with plasma homocysteine, Methods Find Exp Clin Pharmacol, 31(7), 2009, 457-461, ISSN: 0379-0355.**	
1586	1	Lan Z., Chaoying L., House L., Li-Ping P., Plasma Hcy levels and the degree of correlation between coronary artery disease, Chinese Journal of Gerontology, 33 (3), 2013, ISSN: 1005-9202
283.	**Kissiov, V.T., S. T. Hadjitodorov. A Fuzzy Version of K-NN Method. Fuzzy Sets and Systems, vol.49, 1992, 323-329.**	
1587	1	Joaquín Derrac, Salvador García, Francisco Herrera. Fuzzy nearest neighbor algorithms: Taxonomy, experimental analysis and prospects, Information Sciences, Available online 13 November 2013, http://www.sciencedirect.com/science/article/pii/S0020025513007779
284.	**Klinkhammer W. , H. Müller, C. Globisch, I.K. Pajeva, M. Wiese. Synthesis and biological evaluation of a small molecule library of 3rd generation multidrug resistance modulators, Bioorg. Med. Chem. 17, 2009, 2524–2535.**	
1588	1	Lan, XB; Lin, HY; Tang, CL; Zhu, XY; Qian, H; Huang, WL; Li, YM. Evaluation of In-Vitro Multidrug Resistance Reversal Activities of HZ08 analogues with Improved Soluble Property. LETTERS IN DRUG DESIGN & DISCOVERY, 10 (1):56-60; JAN 2013
1589	2	Sun YL, Chen JJ, Kumar P, Chen K, Sodani K, Patel A, Chen YL, Chen SD, Jiang WQ, Chen ZS. Reversal of MRP7 (ABCC10)-Mediated Multidrug Resistance by Tariquidar. PLOS ONE, 8 (2):10.1371/journal.pone.0055576 FEB 5 2013.
285.	**Kocheva K.V., Busheva M.C., Georgiev G.I., Lambrev P.H., Goltsev V.N., Influence of short-term osmotic stress on the photosynthetic activity of barley seedlings, Biologia Plantarum, 49(1), 2005, 145-148**	
1590	1	Kavas M., Baloğlu M.C., Akça O., Köse F.S., Gökçay D., Effect of drought stress on oxidative damage and antioxidant enzyme activity in melon seedlings, Turkish Journal of Biology, 37(4), 2013, 491-498.
286.	**Komayama K., Khatoon M., Takenaka D., Horie J., Yamashita A., Yoshioka M., Nakayama Y., Yoshida M., Ohira S., Morita N., Velitchkova M., Enami I., Yamamoto Y., Quality control of photosystem II: cleavage and aggregation of heat-damaged D1 protein in spinach thylakoids. Biochim Biophys Acta 1767, 2007, 838-846. ISSN 0005-2728**	
1591	1	HOU Peng-Fei, MA Jun-Qing , ZHAO Peng-Fei, ZHANG Huan-Ling, ZHAO Hui-Jie, LIU Hua-Shan, ZHAO Yi-Dan and WANG Yue-Xia (2013) Effects of Betaine on Chloroplast Protective Enzymes and psbA Gene Expression in Wheat Seedlings under Drought Stress. Acta Agronomica Sinica, 39 (7), 2013, 1319−1324, http://www.cnki.net/kcms/detail/11.1809.S.20130423.1327.002.html
1592	2	Nath K., Jajoo A., Poudyal R. S., Timilsina R., Park Y. S., Aro E-M., Nam H. Gil, Lee Choon-Hwan. Towards a critical understanding of the photosystem II repair mechanism and its regulation during stress conditions. FEBS Lett. 587 (21), 2013, p.3372-3381. http://dx.doi.org/10.1016/j.febslet.2013.09.015.

287.	**Komissarow L., Rollnik J.D., Bogdanova D., Krampfl K., Khabirov F.A., Kossev A., Dengler R., Bufler J., Clin Neurophysiol., 115, 2004, 356-360,** ISSN: **13882457**	
1593	1	Ahdab R., Créange A., Saint-Val C., Farhat W-H., Lefaucheur J-P., Neurophysiol. Clinique, 43(3), 2013, 181-187, ISSN: 0987-7053
1594	2	Ekmekci H., Ozturk S., Demir A., J.Neurol. Scie, (Turkish), 30(1), 2013, 210-218, ISSN: 1300-1817
1595	3	Furtula J., Johnsen B., Frandsen J., Rodell A., Christensen P.B., Pugdahl K., Fuglsang-Frederiksen A., J. Neurol., 260(6), 2013, 1535-1544, ISSN: 0340-5354
1596	4	Kollewe K., Körner S., Paracka L., Petri S., Klein. Neurophysiol., 44(2), 2013, 123-131, ISSN: 1434-0275; E-ISSN: 1439-4081
1597	5	Tan F., Wang X., Li H-Q., Lu L., Li M., Li J-H., Fang M., Meng D., Zheng G-Q., Evidence-based Complementary and Alternative Medicine 2013 , art. no. 431986, ISSN: 1741-427X; E-ISSN: 1741-4288
1598	6	Udupa K., Chen R., Handbook of Clinical Neurology (Chapter 31 – Central motor conduction tim) Volume 116, 2013, 375–386, ISBN: 978-0-444-53497-2
1599	7	Vucic S., Kiernan M.S., Handbook of Clinical Neurology (Chapter 45 – Utility of transcranial magnetic stimulation in delineating amyotrophic lateral sclerosis pathophysiology), 116, 2013, 561–575, ISBN: 978-0-444-53497-2
1600	8	Vucic S., Ziemann U., Eisen A., Hallet M., Kiernan M.C., J. Neurol. Neurosurg. Psychiatry, 84(10), 2013, 1161-1170, ISSN: 0022-3050; E-ISSN: 1468-330X
288.	**Kosev K., T. Trenkova, Roeva O. Tabu Search for Parameter Identification of an Fermentation Process Model, Journal of International Scientific Publication: Materials, Methods & Technologies, Vol. 6(2), 2012, 457-464.**	
1601	1	Димитров Д. Програмен аспект на теорията на обобщените мрежи – оптимизация на алгоритми за изпълнение, оператори за модификация на модели и приложения, Дисертационен труд, Софийски университет „Св. Климент Охридски", 2013
289.	**Kosev, K., O. Roeva, Generalized Net Model of the lac Operon in Bacterium E. coli, IEEE 6th Int. Conf. IS 2012, Sofia, Bulgaria, Vol. 2, 237-241.**	
1602	1	Georgieva V. Generalized Net Model of the Process of Fresh Water Treatment, Issues in IFS and GNs, Vol. 11, 2013, 55-64
290.	**Kossev A.R., Christova P., Muscle & Nerve, 21, 1998, 413-414,** ISSN: **0148639X**	
1603	1	Bowtell J.L., Avenell G., Hunter S.P., Mileva K.N., PLoS ONE, 8(10), 2013, e77004. doi:10.1371/journal.pone.0077004, eISSN-1932-6203
1604	2	Ives J.C., Motor Behavior: Connecting Mind and Body for Optimal Performance., Lippincott Williams & Wilkins, 2013, ISBN: 1451175892, 9781451175899) (text book).
291.	**Kossev A., Christova P., Electroenceph. clin. Neurophysiol., 109, 1998, 245-255, ISSN: 00134694**	
1605	1	Balshaw T.G., Acute neuromuscular, kinetic, and kinematic responses to accentuated eccentric load resistance exercise. University of Stirling, 2013, UK http://hdl.handle.net/1893/17174 (Thesis)
1606	2	Ives J.C. Motor Behavior: Connecting Mind and Body for Optimal Performance., Lippincott Williams & Wilkins, 2013, ISBN: 1451175892, 9781451175899 (text book).
1607	3	Kallio J., Søgaard K., Avela J., Komi P.V., Selänne H., Linnamo V. PLoS ONE 8(2), 2013, e53425. doi:10.1371/journal.pone.0053425, eISSN: 1932-6203
1608	4	Liang Chengjun (2013) J. Jilin Instit. Physical Educat., 29(3):14-17.
1609	5	Piitulainen H., Botter A., Merletti R., Avela J., J. Electromypgr. Kinesiol., 23(2), 2013, 302-310, ISSN: 1050-6411
1610	6	Sekiguchi H., Nakazawa K., Hortobágyi T., J. Phys. Fitness Sports Med., 2(2), 2013, 191-201, ISSN: 2186-8131
292.	**Kossev A., Elek J.M., Wohlfarth K., Schubert M., Dengler R., Wolf W., Electroenceph. clin. Neurophysiol., 93, 1994, 100-105,** ISSN: **00134694**	
1611	1	Contessa P., De Luca C., J. Neurophysiol., 109(6), 2013, 1548-1570. 1106, Print ISSN: 0022-3077; Online ISSN: 1522-1598
293.	**Kossev A., Gantchev N., Gydikov A., Gerasimenko Y., Christova P., Electromyogr. clin. Neurophysiol., 32, 1992, 287-294, ISSN: 0924980X**	
1612	1	Prabhav N.R., Devasahayam S.R., International Journal of Biomedical Engineering and Technology, 13(2), 2013,117-132, Print ISSN: 1752-6418, Online 1752-6426

294.	**Kossev A.R., Schrader C., Däuper J., Dengler R., Rollnik J.D., Neurosci. Lett., 333, 2002,83-86, ISSN: 03043940**	
1613	1	Heise K-F., Zimerman M., Hoppe J., Gerloff C., Wegscheider K., Hummel F.C., J. Neurosci., 33(21), 2013, 9039-9049, ISSN: 0270-6474; eISSN: 1529-2401
1614	2	Ljubisavljevic M.R., Ismail F.Y., Filipovic S., Current Alzheimer Res., 10(6), 2013, 578-596, ISSN: 1567-2050
1615	3	Plow E.B., Cunningham D.A., Bonnett C., Gohar D., Bayram M., Wyant A., Varnerin N., Mamone B., Siemionow V., Hou J., Machado A., Yue G.H.,. J. Neurophysiol., 110(11), 2013, 2563-2573, Print ISSN: 0022-3077; Online ISSN: 1522-1598
1616	4	Stevens-Lapsley J.E., Thomas A.C., Hedgecock J.B., Kluger B.M., Arch. Gerontol. Geriatrics, 56(1), 2013, 279-284, ISSN: 0167-4943
1617	5	Takacs J., Carpenter M.G., Garland J.S., Hunt M.A., Aging & Disease, 4(2), 2013, 84-99, ISSN: 2152-5250
295.	**Kossev A.R., Siggelkow S., Dengler R., Rollnik J.D., J. Clin. Neurophysiol., 20, 2003, 54-58,** ISSN: **07360258**	
1618	1	Eienbröker A.M., Der Einfluss von Calcium auf die corticale Exzitabilität: Eine explorative TMS Studie. Philipps-Universität Marburg, Germany (Thesis), 2013, http://archiv.ub.uni-marburg.de/diss/z2013/0171
296.	**Kossev A., Siggelkow S., Kappels H-H., Dengler R., Rollnik J.D. Clin. Neurophysiol., 112, 2001, 453-456,** ISSN: **13882457**	
1619	1	Chang X., Liu M., Wu B., Lin S., Zhou H., Zhang C., . Cochrane Database of Systematic Reviews 2013, Issue 10, 2013, Art. No.: CD010780. DOI: 10.1002/14651858.CD010780
1620	2	Fachina R., da Silva A., Falcão W., Montagner P., Borin J., Minozzo F., Falcão D., Vancini R., Poston B., de Lira C., Res. Quarterly Exer. & Sport, 84(4), 2013, 503-511, Print ISSN: 0270-1367,Online 2168-3824
1621	3	Lapole T., Canon F., Pérot C., Eur. J. Appl. Physiol., 113(9), (2013), 2223-2231, ISSN: 1439-6319; E-ISSN: 1439-6327)
1622	4	Martínez F., Rubio .JA., Ramos D.J., Esteban P., Mendizábal S., Jiménez F., Int. J. Sports Phys. Ther., 8(1), 2013, 15–24, ISSN: 2159-2896
1623	5	Pardo Beltrán J.O., Efectos del entrenamiento de la fuerza en plataforma vibratoria sobre los miembros inferiores en personas sedentarias. Universidad Naciolal de La Plata, Argentina, 2013, (Thesis) http://www.memoria.fahce.unlp.edu.ar/tesis/te.815/te.815.pdf
297.	**Kossev A., Siggelkow S., Schubert M., Wohlfarth K., Dengler R., Muscle Nerve, 22, 1999, 946-948,** ISSN: **0148639X**	
1624	1	Dadashi L., Torkaman G., J. Res. Rehabil. Sci., 8(8), 2013, ISSN: 1735-7519
1625	2	Gomes-Osman, Joyce R, (2013) Using Stimulation and Repetitive Task Practice to Promote Neuroplasticity Targeted at Improving Hand Function in Individuals with Chronic Tetraplegia. University of Miami, Coral Gables, Florida (Thesis)
1626	3	Lane M.D., The effects of muscle belly vibration at varying muscle lengths on corticospinal excitability: a TMS study. University of Calgary, Calgary Alberta, 2013, (Thesis) http://hdl.handle.net/11023/641
1627	4	Lapole T., Canon F., Pérot C., Eur. J. Appl. Physiol., 113(9), 2013, 2223-2231, ISSN: 1439-63 19; E-ISSN: 1439-6327
298.	**Kostadinova Aneliya, Seifert Barbara, Albrecht Wolfgang, Guenter Malsch, Thomas Groth, Andreas Lendlein, Altankov George, Novel Polymer Blends for the Preparation of Membranes for Biohybrids Liver Systems Journal of Biomaterials Science, Polymer Edition, 20 (5-6), 2009, 821-839, ISSN: 1552-4981**	
1628	1	Dufresne, M., Bacchin, P., Cerino, G., Remigy, J.C., Adrianus, G.N., Aimar, P., Legallais, C., Human hepatic cell behavior on polysulfone membrane with double porosity level, Journal of Membrane Science, 428 , 2013 ,454-461
299.	**Kontodimopoulos N, Pallikarakis N, Christov I, Daskalov I (1998) In-house development of test equipment for quality control and training. Case study: a prototype ECG simulator-tester, Med. Eng. & Phys., 20, 10, pp. 717-721.**	
1629	1	Marsousi M, Alirezaie J, Umapathy K (2013) A flexible approach for simulating physiological signals. Physiological Measurement, 34, (6), pp. 695-712

300.	**Koumanov K.S., Momchilova A.B., Quinn P.J., Wolf C. Ceramides increase the activity of the secretory phospholipase A2 and alter its fatty acid specificity., Biochem. J. 363, 2002, 45-51**	
1630	1	Demirkan A., Isaacs A., Ugocsai P., Liebisch G., Struchalin M., Rudan I., Wilson J.F., Pramstaller P.P., Gyllensten U., Campbell H., Schmitz G., Oostra B. A., van Duijn C.M., Fatty acid specificity of phospholipase A2, J. Psych. Res. 47, 2013, 357-362
301.	**Koumanov K., Momchilova A., Wolf C., Bimodal regulatory effect of melittin and phospholipase A2-activating protein on human type II secretory phospholipase A2., Cell Biol. Int. 27, 2003, 871-877**	
1631	1	Lee, J , Lee, JK , Busnaina, A , Park, B, Lee, H., Melittin impact, Nanosci. Nanotechnol., 13, 2013, 144-148
1632	2	Mahalka A.K., Kinnunen P.K.J., Biochem. Biophys. Res. Commun. 436, 2013, 349-353
302.	**Koumanov K.S., Tessier C., Momchilova A.B., Rainteau D., C. Wolf, Quinn P.J., Comparative lipid analysis and structure of detergent-resistant membrane raft fractions isolated from human and ruminant erythrocytes., Arch. Biochem. Biophys. 434, 2005, 150-158**	
1633	1	Grimm W., Haupenthal V. J., Rothhaar T. L., Zimmer V.C., Grösgen S., Hundsdörfer B., Lehmann J., Hartmann T., Int. J. Mol. Sci. 14, 2013, 5879-5898
1634	2	Nasir M.N., Besson F., Deleu M., Biotechnol. Agron. Soc. Environ., 17, 2013, 505-516
303.	**Krasteva N., Groth T., Fey-Lamprecht F., Altankov G., The role of surface wettability on hepatocyte adhesive interactions and function, Journal of Biomaterials Science, Polymer Edition, 12 (6), 2001, pp. 613-627 ISSN (printed): 0920-5063**	
1635	1	Chernyy, S., Jensen, B.E.B.,Shimizu, K., Ceccato, M., Pedersen, S.U., Zelikin, A.N., Daasbjerg, K., Iruthayaraj, J., Surface grafted glycopolymer brushes to enhance selective adhesion of HepG2 cells, Journal of Colloid and Interface Science 404, 2013, pp. 207-214
304.	**Krasteva N., Harms U., Albrecht W., Seifert B., Hopp M., Altankov G., Groth T. Membranes for biohybrid liver support systems – Investigations on hepatocyte attachment morphology and growth, Biomaterials, 23 (12), 2002, pp. 2467-247, ISSN: 0142-9612**	
1636	1	Dufresne, M., Bacchin, P., Cerino, G., Remigy, J. C.,Adrianus, G. N., Aimar, P., Legallais, C., Human hepatic cell behavior on polysulfone membrane with double porosity level, Journal of Membrane Science 428, 2013, pp. 454-461
305.	**Krasteva N., Seifert B., Albrecht W., Weigel T., Schossig M., Altankov G., Groth T., Influence of polymer membrane porosity on C3A hepatoblastoma cell adhesive interaction and function, Biomaterials, 25 (13), 2004, pp. 2467-2476, ISSN: 0142-9612**	
1637	1	Dufresne, M., Bacchin, P., Cerino, G., Remigy, J. C.,Adrianus, G. N., Aimar, P., Legallais, C., Human hepatic cell behavior on polysulfone membrane with double porosity level, Journal of Membrane Science 428, 2013, pp. 454-461
306.	**Krasteva V, Finite element modeling approach for optimal electrode configuration in atrial pacing, IEEE Computers in Cardiology, 2003; 30: 441-444**	
1638	1	Prochaczek F, Galecka J, Sikora M, Glasek J,(2013), Evaluation of current density on the surface of the left atrium during TAS, Journal of Medical Informatics & Technologies, Vol. 22, pp. 243-249, ISSN 1642-6037, http://jmit.us.edu.pl/cms/jmitjrn/22/11_Prochaczek_4.pdf
307.	**Krasteva V, Jekova I. Assessment of ECG frequency and morphology parameters for automatic classification of life-threatening cardiac arrhythmias. Physiol. Meas. 2005;26:707-723**	
1639	1	Balasundaram K, Masse S, Nair K, Umapathy K, (2013), A classification scheme for ventricular arrhythmias using wavelets analysis, Med Biol Eng Comput, 51, pp.153-164, ISSN: 0140-0118.
1640	2	Li Q, Rajagopalan C, Clifford G (2013 in press), Ventricular Fibrillation and Tachycardia Classification Using Machine Learning Method. Transactions on Biomedical Engineering.

308.	**Krasteva V, Jekova I. Spectral analysis of life-threatening cardiac arrhythmias. Proc. 14-th Internat. Sci. Conf. "Electronics'2005" 2005;4:49-54**	
1641	1	Kamath C (2013) Quantification of Electrocardiogram Rhythmicity to Detect Life Threatening Cardiac Arrhythmias Using Spectral Entropy. Journal of Engineering Science and Technology,8(5), pp.588-602.
309.	**Krasteva V, Jekova I. QRS template matching for recognition of ventricular ectopic beats. Ann. Biomed. Eng. 2007;35(12):2065–2076**	
1642	1	Chong JW, McManus DD, Chon KH (2013) Arrhythmia discrimination using a smart phone. IEEE International Conference on Body Sensor Networks, BSN 2013, art. no. 6575493.
1643	2	Haeberlin A, Studer E, Niederhauser T, Stoller M, Marisa T, Goette J, Jacomet M, Traupe T, Seiler C, Vogel R (2013 in press) Electrocardiographic ST-segment monitoring during controlled occlusion of coronary arteries. Journal of Electrocardiology.ISSN: 00220736, http://www.sciencedirect.com/science/article/pii/S0022073613005554 .
1644	3	Martínez A, Alcaraz R, Rieta JJ (2013) Ventricular activity morphological characterization: Ectopic beats removal in long term atrial fibrillation recordings. Computer Methods and Programs in Biomedicine, 109(3), pp.283-292.
1645	4	Sansone M, Fusco R, Pepino A, Sansone C (2013) Electrocardiogram pattern recognition and analysis based on artificial neural networks and support vector machines: A review. Journal of Healthcare Engineering, 4(4), pp. 465-504.
1646	5	Treo EF, Cervantes DO, Ciaccio EJ (2013) Automated detection and mapping of electrical activation when electrogram morphology is complex. Biomedical Signal Processing and Control, 8 (1), pp. 41-49.
1647	6	Zidelmal Z, Amirou A, Ould-Abdeslam D, Merckle J (2013) ECG beat classification using a cost sensitive classifier. Computer Methods and Programs in Biomedicine, 111(3):570-577.
310.	**Krasteva VTz, Jekova II, Christov II (2006) Automatic detection of premature atrial contractions in the electrocardiogram. Electrotechnika & Electronica E+E, 9-10, pp. 49-55**	
1648	1	Elgendi M (2013) On QRS detection methodologies: a revisit for mobile phone applications, wireless ECG monitoring and large ECG databases analysis, Digital Signal Processing, 26 pages, http://vixra.org/pdf/1301.0058v1.pdf
1649	2	Elgendi M, Eskofier B, Dokos S, Abbott D (2013) Revisiting QRS detection methodologies for portable, wearable, battery-operated, and wireless ECG systems. Digital Signal Processing, 36 pages, http://www.rxiv.org/pdf/1301.0058v2.pdf
311.	**Krasteva V, Jekova I, Didon JP. An audiovisual feedback device for compression depth, rate and complete chest recoil can improve the CPR performance of lay persons during self-training on a manikin. Physiological Measurement 2011;32(6):687-699**	
1650	1	Díez N, Rodríguez-Díez MC, Nagore D, Fernández S, Ferrer M, Beunza JJ (2013) A Randomized Trial of Cardiopulmonary Resuscitation Training for Medical Students: Voice Advisory Mannequin Compared to Guidance Provided by an Instructor. Simulation in Healthcare, 8(4), pp. 234-241.
1651	2	Greif R, Stumpf D, Neuhold S, Rützler K, Theiler L, Hochbrugger E, Haider D, Rinösl H, Fischer H, (2013), Effective compression ratio—A new measurement of the quality of thorax compression during CPR, Resuscitation, 84(5), pp.672-677, ISSN: 0276-6574.
1652	3	Hedberg P, Lämås K (2013) Effects of different types of feedback on cardiopulmonary resuscitation skills among nursing students–a pilot study. Journal of Nursing Education and Practice, 3(10), pp.84-90.
1653	4	Mason S, Dawson J, Chatters R, Santarelli M, Chapman N (2013) Basic first aid for common injuries and illnesses in adults. Report EMRIS Emergency Medicine Research in Sheffield, 55 pages.
1654	5	Oh J, Chee Y, Song Y, Lim T, Kang H, Cho Y (2013) A novel method to decrease mattress compression during CPR using a mattress compression cover and a vacuum pump. Resuscitation, 84(7), pp.987-991.
1655	6	Roh YS, Lim EJ (2013) Factors influencing quality of chest compression depth in nursing students. International Journal of Nursing Practice, 19(6), pp. 591-595.
1656	7	Ventzke MM , Gässler H , Lampl L , Helm M (2013) Cardio pump reloaded: in-hospital resuscitation during transport. Internal and Emergency Medicine, 8(7):621-626.

1657	8	Song Y, Oh J, Lim T, Chee Y (2013) A new method to increase the quality of cardiopulmonary resuscitation in hospital. Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS , art. no. 6609538 , pp. 469-472.
312.	**Krasteva V, Jekova I, Dotsinsky I, Didon JP. Shock advisory system for heart rhythm analysis during cardiopulmonary resuscitation using a single ECG input of automated external defibrillators. Annals on Biomedical Engineering 2010;38:1326-1336**	
1658	1	Ruiz J, Ayala U, Ruiz de Gauna S, Irusta U, González-Otero D, Alonso E, Kramer-Johansen J, Eftestøl T (2013), Feasibility of automated rhythm assessment in chest compression pauses during cardiopulmonary resuscitation. Resuscitation, 84(9), pp. 1223 –1228.
313.	**Krasteva V, Matveev M, Mudrov N, Prokopova R, Transthoracic impedance study with large self-adhesive electrodes in two conventional positions for defibrillation, Physiological Measurement, 2006; 27: 1009-1022.**	
1659	1	Chen B, Yin Ch., Ristagno G., Quan W., Tan G., Freeman G., Li Y., (2013), Retrospective evaluation of current-based impedance compensation defibrillation in out-of-hospital cardiac arrest. Resuscitation, 84(5), pp.580-585, ISSN: 0276-6574.
1660	2	Gonzalez MM, Timerman S, de Oliveira RG, Polastri TF, Dallan LA, Araújo S, Lage SG, Schmidt A, de Bernoche CS, Canesin MF, Mancuso FJ, Favarato MH, (2013), I guideline for cardiopulmonary resuscitation and emergency cardiovascular care, Arquivos Brasileiros de Cardiologia, 101(2), SUPPL.3, pp. 3-221.
1661	3	Kette F, Locatelli A, Bozzola M, Zoli A, Li Y, Salmoiraghi M, Ristagno G, Andreassi A, (2013), Electrical features of eighteen automated external defibrillators: A systematic evaluation, Resuscitation, 84(11), pp. 1596-1603, ISSN: 0300-9572, http://dx.doi.org/10.1016/ j.resuscitation.2013.05.017 .
1662	4	Shradha S. Nair, Anita Kulkarni, Shilpa Gurav, (2013), Defibrillator, The Journal of MIMER Medical College, Vol.2 (3), http://ejournal.mitmimer.com/issue6/Anaesthesiology%20Ejournal %20DEFIBRILLATOR.pdf .
314.	**Krasteva V, Papazov S. Estimation of current density distribution under electrodes for external defibrillation. BioMedical Engineering Online 2002, 1:7, URL http://www.biomedical-engineering-online.com/content/1/1/7**	
1663	1	Gomez-Tames J, Gonzalez J, Yu W,(2013), A Simulation Study on the Dominance of the Tissues' Conductivity in the Muscle Recruitment, Journal of Medical Imaging and Health Informatics, Vol.3(1), pp. 72-78, ISSN 2156-7018.
1664	2	Kavet R, Tell RA, Olsen RG, (2013 in press), Radiofrequency contact currents: Sensory responses and dosimetry, Radiation Protection Dosimetry, ISSN 0144-8420, doi:10.1093/rpd/nct311
1665	3	Loch A, Ang CC, Ahmad WA, (2013), Re-usage of external pacing electrodes results in skin burns, Resuscitation, 84, pp. e127-128, doi: http://dx.doi.org/10.1016/j.resuscitation.2013.05.025, ISSN: 0276-6574.
1666	4	Prodanović M, Malešević J, Filipović M, Jevtić T, Bijelić G, Malešević N, (2013), Numerical Simulation of the Energy Distribution in Biological Tissues During Electrical Stimulation, Serbian Journal of Electrical Engineering, Vol. 10, pp.163-173, doi: 10.2298/SJEE1301165P, ISSN: 1451-4869, http://www.doiserbia.nb.rs/img/doi/1451-4869/2013/1451-48691301165P.pdf.
315.	**Krasteva V, Papazov S, Daskalov I. Magnetic stimulation for non-homogeneous biological structures. BioMedical Engineering Online 2002, 1:3, URL http://www.biomedical-engineering-online.com/content/1/1/3**	
1667	1	Noetscher G, Makarov S, Scire-Scappuzzo F, Pascual-Leone A, (2013), A Simple Absolute Estimate of Peak Eddy Currents Induced by TMS using the GR Model, IEEE Transactions on Magnetics, Vol. 49(9), pp. 4999 – 5003, ISSN: 0018-9464, doi: 10.1109/TMAG.2013.2250512.
1668	2	Zhi-De Deng, Lisanby S.H., Peterchev A.V., (2013), Electric field depth–focality tradeoff in transcranial magnetic stimulation: Simulation comparison of 50 coil designs, Brain Stimulation, Vol.6(1), pp. 1–13, http://dx.doi.org/10.1016/j.brs.2012.02.005, ISSN: 1935-861X.

316.	**Krasteva V., Pehlivanova V., Seifert B., Lutzow K., Tsoneva I., Richau K., Lendlein A., Tzoneva R., Influence of ac electric fields on the adsorption of plasma proteins onto nanofibre biomaterials,Comptes Rendus de L'Academie Bulgare des Sciences, 64 (4), 2011, pp. 535-544, ISSN1310-1331**	
1669	1	Cozzens, D., Wei, X., Faust, R., Electrospinning of biostable polyisobutylene-based thermoplastic polyurethanes, Journal of Polymer Science, Part B: Polymer Physics 51 (6), 2013, pp. 452-459
1670	2	Kai, D., Jin, G., Prabhakaran, M. P., Ramakrishna, S., Electrospun synthetic and natural nanofibers for regenerative medicine and stem cells, Biotechnology Journal 8 (1), 2013, pp. 59-72
317.	**Kreinovich V., Mukaidono M., Atanassov K., From fuzzy values to intuitionistic fuzzy values, to intuitionistic fuzzy intervals etc.: can we get an arbitrary ordering? Notes on Intuitionistic Fuzzy Sets, Vol. 5 (1999), No. 3, 11-18.**	
1671	1	Weize Wang, Xinwang Liu, Some Operations Over Atanassov's Intuitionistic Fuzzy Sets Based On Einstein T-Norm And T-Conorm. Int. J. Unc. Fuzz. Knowl. Based Syst. 21, 263 (2013). DOI: 10.1142/S0218488513500141
318.	**Kristeva R., V. Chakarov, F. Losch, S.Hummel, T. Popa, J. Schulte-Monting. Electroencephalographic Spectral Power in Writer's Cramp Patients: Evidence for Motor Cortex Malfunctioning during the Cramp, Neuroimage, 27 (3), 2005, 706-714**	
1672	1	Hinkley L., K. Sekihara, J. Owen, K. Westlake, N. Byl, S. Nagarajan. Complex-Value Coherence Mapping Reveals Novel Abnormal Resting-State Functional Connectivity Networks in Task-Specific Focal Hand Dystonia. Frontiers in Neurology, 2013, 4: 149, doi: 10.3389/fneur.2013.00149.
1673	2	Melgari J.M., F. Zappasodi, C. Porcaro, L. Tomasevic, E. Cassetta, P.M. Rossini, F.Tecchio. Movement-Induced Uncoupling Of Primary Sensory And Motor Areas In Focal Task-Specific Hand Dystonia. Neuroscience, 250 , 2013, 434-445
1674	3	Singh P.M., Trikha A. Dos casos de calambre refractario del escribano en la clínica de dolor: está la respuesta en la toxina botulínica? [Two Cases Of Refractory Writer's Cramp In Pain Clinic: Is Botulinum The Answer?] Revista Colombiana de Anestesiologia, 41 (2) , 2013, 161-165.
319.	**Kristeva R., V. Chakarov, J. Schulte-Monting, J. Spreer. Activation of Cortical Areas in Music Execution and Imagining: A High-Resolution EEG Study, NeuroImage, 20 (3), 2003, 1872-1883.**	
1675	1	Lahav A., T. Katz, R. Chess, E. Saltzman. Improved Motor Sequence Retention By Motionless Listening. Psychological Research, 77 (3), 2013, 310-319
320.	**Kristeva R., T. Popa, V. Chakarov, S. Hummel. Cortico-Muscular Coupling in a Patient with Postural Myoclonus. Neuroscience Letters, 366 (3), 2004, 259-263**	
1676	1	Bortel R., P. Sovka. Statistical Evaluation of Coherence Estimated from Optimally Beamformed Signals. Computers in Biology and Medicine, 43 (9), 2013, 1286-1262
321.	**Krumova S.B., Dijkema C., de Waard P., As H.V., Garab G., van Amerongen H., Phase behavior of phosphatidylglycerol in spinach thylakoid membranes as revealed by 31P-NMR, Biochim. Biophys. Acta, 1778, 2008, 997-1003.**	
1677	1	Tovuu A., Zulfugarov I., Lee C.-H., Correlations between the temperature dependence of chlorophyll fluorescence and the fluidity of thylakoid membranes, Physiol. Plantarum, 147, 2013, 409-416
322.	**Krumova S.B., Koehorst R.B.M., Bóta A., Páli T., van Hoek A., Garab G., van Amerongen H., Temperature dependence of the lipid packing in thylakoid membranes studied by time- and spectrally resolved fluorescence of Merocyanine 540, Biochim. Biophys. Acta, 1778, 2008, 2823-2833**	
1678	1	Tovuu A., Zulfugarov I., Lee C.-H., Correlations between the temperature dependence of chlorophyll fluorescence and the fluidity of thylakoid membranes, Physiol. Plantarum, 147, 2013, 409-416
323.	**Krumova S.B., Laptenok S.P., Kovacs L., Toth T., van Hoek A., Garab G., van Amerongen H., Digalactosyl-diacylglycerol-deficiency lowers the thermal stability of thylakoid membranes, Photosynth. Res., 105, 2010, 229–242**	
1679	1	Lam S.M., Shui G., Lipidomics as a principal tool for advancing biomedical research, J. Genet. Genomics, 40, 2013, 375-390.

1680	2	Tovuu A., Zulfugarov I.S., Lee C.-H., Correlations between the temperature dependence of chlorophyll fluorescence and the fluidity of thylakoid membranes, Physiol. Plant., 147, 2013, 409-416.
1681	3	Wang Q.M., Tu X.J., Zhang J.H., Chen X.B., Rao L.Q., Heat stress-induced BBX18 negatively regulates the thermotolerance in Arabidopsis, Mol. Biol. Rep., 40, 2013, 2679-2688.
324.	**Kubo T., Zhelev, Z., Ohba, H., Bakalova, R. Chemically modified symmetric and asymmetric duplex RNAs: an enhanced stability to nuclease degradation and gene silencing effect, Biochem. Biophys. Res. Commun., 2008, 365, 54-61, ISSN: 0006-291X**	
1682	1	Rose S.D., M.A. Behlke., Chapter 2: Synthetic Dicer-substrate siRNAs as triggers of RNA interference, In: "RNA Interference: From Biology to Therapeutics" (Ed., Howard K.A.), Advances in Delivery Science and Technology, 2013, pp. 31-56.
1683	2	Snead N.M., X. Wu, A. Li, Q. Cui, K. Sakurai, J.C. Burnett, J.J. Rossi., Molecular basis for improved gene silencing by Dicer substrate interfering RNA compared with other siRNA variants, Nucl. Acids Res., April 24, 2013, doi: 10.1093/nar/gkt200 [Epub ahead of print].
325.	**Kubo T., Zhelev, Z., Ohba, H., Bakalova, R., Modified 27-nt dsRNAs with dramatically enhanced stability in serum and long-term RNAi activity, Oligonucleotides, 17, 2007,445-464, ISSN:2159-3337 (Print)**	
1684	1	Kummitha C.M., A.S. Malamas, Z.R. Lu., Multifunctional RNAi Delivery Systems, In: "Advanced Delivery and Therapeutic", Wiley, 2013 (please, see Google Scholar).
1685	2	Qi R-G., A-H. Wu, Y. Wang, J. Chen, Z-G. Xie, Y-B. Huang, X-B. Jing., Contribution of cholesterol moieties attached on MPEG-b-PCL-b-PLL to the cell uptake, endosomal escape and gene knockdown of the micelleplexes of siRNA, Chinese Journal of Polymer Science, 2013, 31(6), 912-923.
1686	3	Rose S.D., M.A. Behlke., Chapter 2: Synthetic Dicer-substrate siRNAs as triggers of RNA interference, In: "RNA Interference: From Biology to Therapeutics" (Ed., Howard K.A.), Advances in Delivery Science and Technology, 2013, pp. 31-56.
1687	4	Snead N.M., X. Wu, A. Li, Q. Cui, K. Sakurai, J.C. Burnett, J.J. Rossi., Molecular basis for improved gene silencing by Dicer substrate interfering RNA compared with other siRNA variants, Nucl. Acids Res., April 24, 2013, doi: 10.1093/nar/gkt200 [Epub ahead of print].
326.	**Kuncheva L., Atanassov K., An intuitionistic fuzzy RBF network, Proceedings of EUFIT'96, Aachen, Sept. 2-5, 1996, 777-781.**	
1688		Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
327.	**Kuncheva, L., S.T. Hadjitodorov. Using diversity in cluster ensembles. In Proceedings of IEEE Int Conf on Systems, Man and Cybernetics, The Hague, The Netherlands, 2004, 1214-1219.**	
1689	1	Aidos, H., Carreiras, C., Silva, H., Fred, A. Evidence accumulation approach applied to EEG analysis, ICPRAM 2013 - Proceedings of the 2nd International Conference on Pattern Recognition Applications and Methods , 2013 , pp. 479 - 484.
1690	2	Fodeh, S.J., Brandt, C., Luong, T.B., Haddad, A., Schultz, M., Murphy, T., Krauthammer, M. Complementary ensemble clustering of biomedical data, Journal of Biomedical Informatics, 46 (3), 2013, pp. 436 – 443. DOI: 10.1016/j.jbi.2013.02.001.
1691	3	Hennig, C., M. Meila, F. Murtagh, R. Rocci (eds.). Handbook of Cluster Analysis, September 7, 2013, Available at http://ideal.ece.utexas.edu/pubs/pdf/2013/Ayan2013a.pdf
1692	4	De Mulder, Wim. Optimal clustering in the context of overlapping cluster analysis, Information Sciences , 223, 2013, pp. 56 - 74 , Available online 9 October 2012, http://dx.doi.org/10.1016/j.ins.2012.09.051
1693	5	Iam-On, N, T Boongoen. Comparative study of matrix refinement approaches for ensemble clustering, Machine Learning, 2013, DOI: 10.1007/s10994-013-5342-y.
1694	6	Iam-On, N., Boongoen, T. Pairwise similarity for cluster ensemble problem: Link-based and approximate approaches, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) , 7980, 2013, pp. 95 – 122.
1695	7	Kai Li, Peng Li. A Selective Fuzzy Clustering Ensemble Algorithm, International Journal of Advanced Computer Research (ISSN (print): 2249-7277 ISSN (online): 2277-7970), Volume-3, Number-4, Issue-13, December-2013

1696	8	Mete Ozay, Fatos T. Yarman Vural, Sanjeev R. Kulkarni, H. Vincent Poor. Fusion of Image Segmentation Algorithms Using Consensus Clustering, Proc. Int.Conf. on Image Processing, Melbourne, Australia, Sept.2013, pp.4049-4053
1697	9	Naldi, M. C., A. C. P. L. F. Carvalho and R. J. G. B. Campello. Cluster ensemble selection based on relative validity indexes, Data Mining and Knowledge Discovery , 27 (2), 2013, pp. 259 - 289, DOI: 10.1007/s10618-012-0290-x
1698	10	Philipp, A., C. Beck, P. Esteban, F. Kreienkamp, T. Krennert, S. P. Lykoudis, K. Pianko-Kluczynska, Piia Post, Domingo Rasilla Alvarez, Arne Spekat, and Florian Streicher. COST733CLASS-1.2,USER GUIDE, 25/01/2013
1699	11	Premalatha, N., M.Chinnusamy. A Link-Based Cluster Collection Approach Combined Contagious Cluster With For Categorical Data Clustering, International Journal of Computer Science and Mobile Computing , Vol.2, Issue. 9, September- 2013, pp. 220-226
1700	12	Samah Jamal Fodeh, Cynthia Brandt, Thai Binh Luong, Ali Haddad, Martin Schultz, Terrence Murphy, Michael Krauthammer. Complementary Ensemble Clustering of Biomedical Data, Journal of Biomedical Informatics, 46 (3), pp. 436 – 443, Available online 27 February 2013, http://dx.doi.org/10.1016/j.jbi.2013.02.001
1701	13	Santhiya, P.T., S. Thayananthporkalanchiam, R.Tamizharasi, K.Sudharson. Cluster Ensemble for Clustering Different Categorical Datasets Using SIR , International Journal of Computer Science and Management Research, Vol 2, Issue 5, May 2013, ISSN 2278-733X, http://www.ijcsmr.org/vol2issue5/paper386.pdf
1702	14	Sicheng Xiong, Javad Azimi, Xiaoli Z. Fern, "Active Learning of Constraints for Semi-Supervised Clustering," IEEE Transactions on Knowledge and Data Engineering, 25 Jan. 2013. IEEE computer Society Digital Library. IEEE Computer Society, http://doi.ieeecomputersociety.org/10.1109/TKDE.2013.22
1703	15	Tibély G, Pollner P, Vicsek T, Palla G (2013) Extracting Tag Hierarchies. PLoS ONE 8(12): e84133. doi:10.1371/journal.pone.0084133
1704	16	Vikram Kumar, N., G. Kiran Prem Kumar. A eminent evaluation of algorithm incremental clustering for large data sets, International Journal of Computer Science and Management Research, Vol 2, Issue 9, September 2013, pp. 3322-3325, ISSN 2278-733X
1705	17	Wang. C. Coupled Behavior Informatics: Modeling, Analysis and Learning, Ph.D.Thesis, Faculty of Engineering and Information Technology University of Technology, Sydney, October 2013, p.255
1706	18	Wang, X., Han, D., Han, C. Rough set based cluster ensemble selection, Proceedings of the 16th International Conference on Information Fusion, FUSION 2013 , 2013, art. no. 6641312 , pp. 438 - 444
1707	19	Xie, Y.-S., X.-P. Fan, Z-H Liao, H-L Yin, H Lao. Weighted cluster fusion algorithm based on graph. Application Research of Computers, Vol. 30, 2013, No. 4. doi:10.3969/j.issn.1001-3695.2013.04.01.
1708	20	Ye, HT , WG Luo, Y Wu, Hybrid optimization method based on differential evolution and immune clonal selection algorithm. Application Research of Computers. Vol. 30, 2013, No. 4, doi:10.3969/j.issn.1001-3695.2013.04.01.
1709	21	Zimek, A. J. Vreeken, The blind men and the elephant: on meeting the problem of multiple truths in data from clustering and pattern mining perspectives, Machine Learning, March 2013, http://link.springer.com/article/10.1007/s10994-013-5334-y#
328.	**Kuncheva L. I., S. T. Hadjitodorov, L. P. Todorova, Experimexntal comparison of cluster ensemble methods. In Proc. FUSION, 2006, 105-115.**	
1710	1	Alizadeh, H., B. Minaei-Bidgoli, H. Parvin. To Improve the Quality of Cluster Ensembles by Selecting a Subset of Base Clusters, http://webpages.iust.ac.ir/halizadeh/Hosein_files/pdfs%5C2013,%20JETAI,%20To%20Improve%20the%20Quality%20of%20Cluster%20Ensembles%20by%20Selecting%20a%20Subset%20of%20Base%20Clusters,%20Preprint.pdf
1711	2	Costa G., R. Ortale. XML Document Partitioning using Ensemble Clustering, 2013, 1-9, ecmlpkdd2013.org
1712	3	Fred A. L. N., A. Lourenço, H. Aidos, S. R. Bulò, N. Rebagliati, M. A. T. Figueiredo, M. Pelillo. Learning Similarities from Examples under the Evidence Accumulation Clustering Paradigm. Similarity-Based Pattern Analysis and Recognition, Advances in Computer Vision and Pattern Recognition, Springer, 2013, 85-117.
1713	4	Iam-On N., T. Boongoen. Comparative study of matrix refinement approaches for ensemble clustering. Machine Learning, 2013, pp. 1-32. DOI: 10.1007/s10994-013-5342-y

1714	5	Naldi M. C., A. C. P. L. F. Carvalho, R. J. G. B. Campello. Cluster ensemble selection based on relative validity indexes. Data Mining and Knowledge Discovery, 27(2), 2013, 259-289, ISSN: 1384-5810
1715	6	Schneider, M. U., Renata C. B. Madeo, Sarajane M. Peres,Clodoaldo A. M. Lima. Committe Machine for Iris Segmentation, available online http://www.ppgia.pucpr.br/~enia/anais/enia/artigos/105724_2.pdf
1716	7	Sevillano X., F. Alías. A one-shot domain-independent robust multimedia clustering methodology based on hybrid multimodal fusion. Multimedia Tools and Applications, 2013, 1-37. DOI: 10.1007/s11042-013-1655-x, Print ISSN:1380-7501, Online ISSN:1573-7721
329.	**Lagorce D., T. Pencheva, B. Villoutreix, M. Miteva, DG-AMMOS: A New Tool to Generate 3D Conformation of Small Molecules using Distance Geometry and Automated Molecular Mechanics Optimization for in silico Screening, BMC Chemical Biology, 2009, 9:6**	
1717	1	Coleman R. G., M. Carchia, T. Sterling, J. J. Irwin, B. K. Shoichet, Ligand Pose and Orientational Sampling in Molecular Docking, PLoS ONE, 2013, 8(10), Article No. e75992
1718	2	Ellabaan M. M. H., Y. S. Ong, S. D. Handoko, C. K. Kwoh, H. Y. Man, Discovering Unique, Low-energy Transition States Using Evolutionary Molecular Memetic Computing, Computational Intelligence Magazine, IEEE, 8(3), 54-63
1719	3	Hoffer L., Développement et validation du logiciel S4MPLE : application au docking moléculaire et à l'optimisation de fragments assistée par ordinateur dans le cadre du fragment-based drug design, PhD Thesis, 2013, Strasboug.
1720	4	Singla D., S. K. Dhanda, J. S. Chauhan, A. Bhardwaj, S. K. Brahmachari, Open Source Drug Discovery Consortium, G. P. Raghava, Open Source Software and Web Services for Designing Therapeutic Molecules, Current Topics in Medicinal Chemistry, 2013, 13(10):1172-1191.
1721	5	Tan S. Y.-Y., S.-L. Chua, Y. Chen, S. A. Rice, S. Kjelleberg, T. E. Nielsen, L. Yang, M. Givskov, Identification of Five Structurally Unrelated Quorum-sensing Inhibitors of Pseudomonas aeruginosa from a Natural-derivative Database, Antimicrobial Agents and Chemotherapy, 2013, 57, 5629-5641
330.	**Lambrev P.H., Várkonyi Z., Krumova S.B., Kovács L., Miloslavina Y., Holzwarth A.R., Garab G., Importance of trimer-trimer interactions for the native state of the plant light-harvesting complex II, Biochim. Biophys. Acta, 1767, 2007, 847-853.**	
1722	1	Zubik M., Luchowski R., Puzio M., Janik E., Bednarska J., Grudzinski W., Gruszecki W.I., The negative feedback molecular mechanism which regulates excitation level in the plant photosynthetic complex LHCII: Towards identification of the energy dissipative state, Biochim. Biophys. Acta, 1827, 2013, 355-364
331.	**Landeta O., Landajuela A., Gil D., Taneva S., DiPrimo C., Sot B., Valle M., Frolov A., Basanez G., Reconstitution of proapoptotic BAK function in liposomes reveals a dual role for mitochondrial lipids in the BAK-driven membrane permeabilization process, Journal of Biological Chemistry, 286(10), 2011, 8213-8230**	
1723	1	Bergstrom C.L., Beales P.A., Lv Y., Vanderlick T.K., Groves J.T., Cytochrome c causes pore formation in cardiolipin-containing membranes, Proceedings of the National Academy of Sciences of the United States of America, 110(16), 2013, 6269-6274.
1724	2	Leshchiner E.S., Braun C.R., Bird G.H., Walensky L.D., Direct activation of full-length proapoptotic BAK, Proceedings of the National Academy of Sciences of the United States of America, 110(11), 2013, E986-E995.
1725	3	Marí M., Morales A., Colell A., García-Ruiz, C., Kaplowitz N., Fernández-Checa J.C., Mitochondrial glutathione: Features, regulation and role in disease, Biochimica et Biophysica Acta - General Subjects, 1830(5), 2013, 3317-3328.
1726	4	Shamas-Din A., Kale J., Leber B., Andrews D.W., Mechanisms of action of Bcl-2 family proteins, Cold Spring Harbor Perspectives in Biology, 5(4), 2013, 1-21.
1727	5	Schlattner U., Tokarska-Schlattner M., Ramirez S., Tyurina Y.Y., Amoscato A.A., Mohammadyani D., Huang Z., Jiang J., Yanamala N., Seffouh A., Boissan M., Epand R.F., Epand R.M., Klein-Seetharaman J., Lacombe M.-L., Kagan V.E., Dual function of mitochondrial Nm23-H4 protein in phosphotransfer and intermembrane lipid transfer: A cardiolipin-dependent switch, Journal of Biological Chemistry, 288(1), 2013, 111-121.

1728	6	Xu X.-P., Zhai D., Kim E., Swift M., Reed J.C., Volkmann N., Hanein D., Three-dimensional structure of Bax-mediated pores in membrane bilayers, Cell Death and Disease, 4(6), 2013, art. no. e683.
1729	7	Zhang T., Saghatelian A., Emerging roles of lipids in BCL-2 family-regulated apoptosis, Biochimica et Biophysica Acta - Molecular and Cell Biology of Lipids, 1831(10), 2013, 1542-1554.
332.	**Lessigiarska I., Pajeva, I., Cronin, M.T.D., Worth, A.P. 3D SAR and QSAR investigation of blood-brain barrier penetration of chemical compounds, SAR QSAR Environ. Res., 16(1-2), 2005, 79-91**	
1730	1	Honorio, KM; Moda, TL; Andricopulo, AD. Pharmacokinetic Properties and In Silico ADME Modeling in Drug Discovery. MEDICINAL CHEMISTRY, 9 (2):163-176; MAR 2013
333.	**Lessigiarska I., I. Pajeva, P. Prodanova, M. Georgieva, A. Bijev. Structure-activity relationships of pyrrole hydrazones as new anti-tuberculosis agents. Medicinal Chemistry, 2012, 8 (3), 462-473.**	
1731	1	Morjan, RY; Mkadmh, AM; Abu-Awwad, FM; Helliwell, M; Awadallah, AM;Gardiner, JM. Synthesis, Structural Characterization, and Computational Study of Novel (E)-N'-(1-p-tolylethylidene)furan-2-carbohydrazide, JOURNAL OF MOLECULAR STRUCTURE, 1051 345-353; 10.1016/j.molstruc.2013.08.008 NOV 5 2013
334.	**Lesigiarska I., I. Pajeva, S. Yanev. QSAR and 3D QSAR analysis of a series of xanthates as inhibitors and inactivators of cytochrome P-450 2B1, Xenobiotica, 32 (16), 2002, 1063-1077.**	
1732	1	Handa K, Nakagome I, Yamaotsu N, Gouda H, Hirono S. Three-Dimensional Quantitative Structure-Activity Relationship Analysis of Inhibitors of Human and Rat Cytochrome P4503A Enzymes. DRUG METABOLISM AND PHARMACOKINETICS, 28 (4):345-355; 10.2133/dmpk.DMPK-12-RG-133 AUG 25 2013
335.	**Lessigiarska I.; A.P. Worth, Netzeva, Tatiana I.; Dearden, John C.; Cronin, Mark T. D. Quantitative structure-activity-activity and quantitative structure-activity investigations of human and rodent toxicity. Chemosphere. 65, 2006, 1878-1887.**	
1733	1	Qiu, J.; Dai, Y.; Zhang, X. S.; Chen, GS. QSAR Modeling of Toxicity of Acyclic Quaternary Ammonium Compounds on Scenedesmus Quadricauda Using 2D and 3D Descriptors. BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, 91, 83-88, 2013
1734	2	Winkler, David A.; Mombelli, E.; Pietroiusti, A.; Tran, L.; Worth, A.; Fadeel, B.; McCall, MJ. Applying quantitative structure-activity relationship approaches to nanotoxicology: Current status and future potential. TOXICOLOGY, 313, 15-23, 2013
336.	**Lessigiarska, I ; Worth, AP ; Sokull-Kluttgen, B ; Jeram, S; Dearden, JC; Netzeva, TI; Cronin, MTD. QSAR investigation of a large data set for fish, algae and Daphnia toxicity SAR and QSAR in Environmental Research. 15 (5-6), 2004, 413-431.**	
1735	1	Levet, A.; Bordes, C.; Clement, Y.; Mignon, P; Chermette, H.; Marote, P.; Cren-Olive, C.; Lanteri, P. Quantitative structure-activity relationship to predict acute fish toxicity of organic solvents. CHEMOSPHERE, 93 (6), 1094-1103, 2013.
337.	**Levkov Ch, Mihov G, Ivanov R, Daskalov I, Christov I, Dotsinsky I (2005) Removal of power-line interference from the ECG: a review of the subtraction procedure, Biomedical Engineering Online, 4, 50, http://www.biomedical-engineering-online.com/content/4/1/50**	
1736	1	Bansal D (2013) Computer based model to filter real time acquired human carotid pulse. Signal Processing: An International Journal, 7, (1), pp. 42-51
1737	2	Bansal D (2013) Design of 50 Hz notch filter circuits for better detection of online ECG. Int. J. of Biomedical Engineering and Technology, 13, pp. 30-48
1738	3	Dobrev DP, Neycheva TD (2013) Analog approach for common mode impedance balance in two-electrode biosignal amplifiers. Annual Journal of Electronics, 7, pp. 68-71, ISSN: 1314-0078
1739	4	Dobrev DP, Neycheva TD (2013) Digital lock-in technique for input impedance balance in two-electrode biosignal amplifiers. Annual Journal of Electronics, 7, pp. 64-67, ISSN: 1314-0078
1740	5	Galiana-Merino JJ, Ruiz-Fernandez D, Martinez-Espla JJ (2013) Power line interference filtering on surface electromyography based on the stationary wavelet packet transform. Computer Methods and Programs in Biomedicine, 111, (2), pp. 338-346.

1741	6	Jagannath DJ, Selvakumar AI (2013) Issues and research on foetal electrocardiogram signal elicitation. Biomedical Signal Processing and Control, 21 pages, http://www.sciencedirect.com/science/article/pii/S1746809413001560#
1742	7	Perian M, Dobreanu D, Caldararu C, Sabau M (2013) A simple ECG recording hardware for Langendorff isolated heart experiments. Physiology, 23.3 (75), pp. 15-17.
1743	8	Sangit Sasidhar (2013) Assistive device for elderly rehabilitation: Signal processing techniques. PhD thesis, National University of Singapore, 207 pages, http://scholarbank.nus.edu/bitstream/handle/10635/38799/SangitSasidhar.pdf?sequence=1
1744	9	Suchetha M, Kumaravel N (2013) Empirical mode decomposition based filtering techniques for powerline interference reduction in electrocardiogram using various adaptive structures and subtraction methods. Biomedical Signal Processing and Control, 8, (6), pp. 575-585.
1745	10	Suchetha M, Kumaravel N (2013) Empirical mode decomposition-based subtraction techniques for 50 Hz interference reduction from electrocardiogram. IETE Journal of Research, 59, (1), pp. 55-62
1746	11	Xiaolin Zhou, Yuanting Zhang (2013) A hybrid approach to the simultaneous eliminating of power-line interferenceand associated ringing artifacts in electrocardiograms. BioMedical Engineering OnLine, 12, (42),
1747	12	Zivanovic M, González-Izal M (2013) Simultaneous powerline interference and baseline wander removal from ECG and EMG signals by sinusoidal modeling. Medical Engineering and Physics, 35, 10, pp. 1431-1441.
338.	**London B., Baker L.C., Petkova-Kirova P., Nerbonne J.M., Choi B.R., Salama G. Dispersion of repolarization and refractoriness are determinants of arrhythmia phenotype in transgenic mice with long QT, J Physiol, 1;578(Pt 1), 2007, 115-29. Epub 2006 Nov 16.**	
1748	1	Mullins P.D., Bondarenko V.E., A Mathematical Model of the Mouse Ventricular Myocyte Contraction, PLoS ONE, 8 (5), art. no. e63141, 2013, ISSN: 1932-6203
1749	2	Sah R., Mesirca P., Mason X., Gibson W., Bates-Withers C., Van Den Boogert M., Chaudhuri D., Pu W.T., Mangoni M.E., Clapham D.E., Timing of myocardial TRPM7 deletion during cardiogenesis variably disrupts adult ventricular function, conduction, and repolarization, Circulation, 128 (2), 2013, 101-114. Print ISSN: 0009-7322; Online ISSN: 1524-4539.
339.	**Lubomirov L., Gagov H., Petkova-Kirova P., Duridanova D., Kalentchuk V.U., Schubert R., Urocortin relaxes rat tail arteries by a PKA-mediated reduction of the sensitivity of the contractile apparatus for calcium, Br J Pharmacol, 134(7), 2001, 1564-70.**	
1750	1	Díaz I., Smani T., New insights into the mechanisms underlying vascular and cardiac effects of urocortin, Current Vascular Pharmacology, 11 (4), 2013, 457-464. ISSN: 1570-1611 (Print) ISSN: 1875-6212 (Online)
1751	2	Iozzi D., Schubert R., Kalenchuk V.U., Neri A., Sgaragli G., Fusi F., Saponara S. Quercetin relaxes rat tail main artery partly via a PKG-mediated stimulation of KCa1.1 channels, Acta Physiologica, 208 (4), 2013, 329-339. ISSN: 1748-1716
340.	**Lyutzkanova D., Nikolova B., Stoilova-Discheva M., Protoplast formation and regeneration in Streotomyces Flavopersicus. Lett. In App. Microbiol. 16, (4), 1993 217-21, ISSN: 0168-1605**	
1752	1	Ma, Z., Liu, J., Lin, X., Shentu, X., Bian, Y., Yu, X., Formation, regeneration, and transformation of protoplasts of Streptomyces diastatochromogenes 1628, Folia Microbiologica, 2013, doi: 10.1007/s12223-013-0271-5
341.	**Maltseva E, Borovok N, Zlatanov I., The relation between the changes in viscosity, lipid peroxidation indices and adenylate cyclase activity in plasma membranes of liver and brain, Membrane and cell biology, 9(6), 1996, 621-630.**	
1753	1	Borisova T., Unstimulated and Exocytotic Glutamate Release from Cholesterol-Deficient Nerve Terminals, Cholesterol and Presynaptic Glutamate Transport in the BrainSpringerBriefs in Neuroscience, 12, 2013, 39-56.

342.	**Mateev H, Simova I, Katova T, Dimitrov N, Christov I (2011) TEMEO – a novel mobile heart rhythm telemonitoring system. Computing in Cardiology, 38, pp. 883-886**	
1754	1	Rotariu C, Manta V, Ciobotariu R.(2013) Integrated system based on wireless sensors network for cardiac arrhythmia monitoring Advances in Electrical and Computer Engineering , 13, (1), pp. 95-100, ISSN: 1582-7445
343.	**Melo-Pinto, P., Kim, T., Atanassov, K., Sotirova, E., Shannon, A., Krawczak, M., (2005). Generalized net model of e-learning evaluation with intuitionistic fuzzy estimations, Issues in the Representation and Processing of Uncertain and Imprecise Information, Warszawa, pp. 241-249.**	
1755	1	Albeanu, G. Towards intuitionistic fuzzy computational models of learning. The 9th International Scientific Conference eLearning and software for Education Bucharest, April 25-26, 2013, pp. 610-615. 10.12753/2066-026X-13-207
344.	**Mileva K.N., Bowtell J.L., Kossev A.R., Exp. Physiol., 94(1), 2009, 103-116**	
1756	1	Marin P.J., Herrero A.J., Milton J.G., Hazell T.J., Garcia-Lopez D., J. Strength & Condition. Res., 27(7), 2013, 1807-1812, ISSN: 1064-8011; E-ISSN: 1533-4287
1757	2	Pang M.Y.C., Lau R.W.K., Yip S.P., Eur. J. Physical & Rehabilitation Med., 49(4), 2013, 439-450, ISSN: 1973-9087; E-ISSN: 1973-9095
345.	**Minkova K.M., Tchernov A.A., Tchorbadjieva M.I., Fournadjieva S.T., Antova R.E., Busheva M.Ch., Purification of C-phycocyanin from Spirulina (Arthrospira) fusiformis, Journal of Biotechnology, 102(1), 2003, 55-59.**	
1758	1	Kuddus M., Singh P., Thomas G., Al-Hazimi A., Recent developments in production and biotechnological applications of c-phycocyanin, BioMed Research International, 2013, art. no. 742859.
1759	2	Sørensen L., Hantke A., Eriksen N.T., Purification of the photosynthetic pigment C-phycocyanin from heterotrophic Galdieria sulphuraria, Journal of the Science of Food and Agriculture, 93(12), 2013, 2933-2938.
346.	**Minkova K., Tchorbadjieva M., Tchernov A., Stojanova M., Gigova L., Busheva M., Improved procedure for separation and purification of Arthronema africanum phycobiliproteins, Biotechnology Letters, 29(4), 2007, 647-651**	
1760	1	Kuddus M., Singh P., Thomas G., Al-Hazimi A., Recent developments in production and biotechnological applications of c-phycocyanin, BioMed Research International, 2013, art. no. 742859
347.	**Mitev P., S.Hadjitodorov. Fundamental frequency estimation of voice of patients with laryngeal disorders. Information Sciences , Vol.156, Issues 1-2, 1 November 2003, pp. 3-19.**	
1761	1	Jun Jie Zhu, Xiao Jun Zhang, Ji Hua Gu, He Ming Zhao, Qiang Zhou, Zhi Tao. Research on Recognition of Pathological Voice by AD Tree, Advanced Materials Research, v.658, 2013, pp.647-651, DOI :10.4028/www.scientific.net/AMR.658.647
1762	2	Jian Zhou, Ruiyu Liang, Li Zhao, Liang Tao, Cairong Zou. Unsupervised learning of phonemes of whispered speech in a noisy environment based on convolutive non-negative matrix factorization, Information Sciences, 2014, 257 pp. 115 – 126, Available online 23 Sept.**2013**
1763	3	ZHAO Bing-Xin, HU Wei-Ping. Recognition of Pathological Voice Based on Entropy and Support Vector Machine, Chinese Journal of Biomedical Engineering, 2013, 32(5) , R318
348.	**Mladenov I., (1988) Scattering of Charged Particles off Dyons, J. Phys. A: Math. & Gen. 21 (1988) L1-L4**	
1764	1	Bai Z., Meng G. and Wang E., On the orbits of magnetized Kepler problems in dimension 2k + 1, J. Geom. Phys. 73 (2013) 260-269

349.	**Mladenov I., (1989) Geometric Quantization of the MIC-Kepler Problem via Extension of the Phase Space, Annales de l'Institute Henri Poincare 50 (1989) 219-227**	
1765	1	Bai Z., Meng G. and Wang E., On the orbits of magnetized Kepler problems in dimension 2k + 1, J. Geom. Phys. 73 (2013) 260-269
350.	**Mladenov I., (1991) Geometric Quantization of the Five-Dimensional Kepler Problem, Found. Phys. 21 (1991) 871-888.**	
1766	1	Bai Z., Meng G. and Wang E., On the orbits of magnetized Kepler problems in dimension 2k + 1, J. Geom. Phys. 73 (2013) 260-269
351.	**Mladenov I., (2002) New Solutions of the Shape Equation, Eur. Phys. J. B 29 (2002) 327-330**	
1767	1	Tu. Z.-C., Challenges in the theoretical investigations of lipid membrane configurations, Chin. Phys. B 22 (2013) 028701, 9pp.
1768	2	Vassilev V., Unduloid-Like Equilibrium Shapes of Single-Wall Carbon Nanotubes Under Pressure, Geometry, Integrability and Quantization 14 (2013), 244-252.
352.	**Mladenov I., Djondjorov P., Hadzhilazova M. and Vassilev V., Equilibrium Configurations of Lipid Bilayer Membranes and Carbon Nanostructures, Commun. Theor. Phys. 59 (2013) 213-228**	
1769	1	Tu. Z.-C., Challenges in the theoretical investigations of lipid membrane configurations, Chin. Phys. B 22 (2013) 028701, 9
353.	**Mladenov I. , Tsanov V. (1985) Geometric Quantization of the Multidimensional Kepler Problem, J. Geom. Phys. 2 (1985) 17-24**	
1770	1	Bai Z., Meng G. and Wang E., On the orbits of magnetized Kepler problems in dimension 2k + 1, J. Geom. Phys. 73 (2013) 260-269
1771	2	Grigorescu M., Simetrii Dinamice, Preprint 1/2013, ISSN -- 0250-3638, (110pp).
354.	**Mladenov I., Tsanov V. (1987) Geometric Quantization of the MIC-Kepler Problem, J. Physics A: Math. & Gen. 20 (1987) 5865-5871**	
1772	1	Bai Z., Meng G. and Wang E., On the orbits of magnetized Kepler problems in dimension 2k + 1, J. Geom. Phys. 73 (2013) 260-269
1773	2	Kanazawa T., Green's Function, Wavefunction and Wigner Function of the MIC-Kepler Problem, Geometry, Integrability and Quantization 14 (2013) 116-125.
1774	3	Kemp G., Algebra And Geometry of Dirac's Magnetic Monopole, PhD Thesis, Math. Dept., Loughborough Univ., Loughborough, 2013
1775	4	Kemp G. and Vesselov A., Discrete Analogues of Dirac's Magnetic Monopole and Binary Polyhedral Groups, arXiv:1310.0055v1 [math-ph] 30 Sep 2013
355.	**Mladenova C. and Mladenov I., About Parametric Representations of SO(n) Matrices and Plane Rotations, AIP Conf. Proc. 1487 (2012) 280-287**	
1776	1	Rohan R.-A., Some Remarks on the Exponential Map on the Groups SO(n) and SE(n),Geometry, Integrability and Quantization 14 (2013) 160-175
356.	**Mohammadi B., Krampfl K., Petri S., Bogdanova D., Kossev A., Bufler J., Dengler R., Muscle & Nerve, 33, 2006, 778-784, ISSN: 0148639X**	
1777	1	Concerto C., Lanza G., Cantone M., Pennisi M., Giordano D., Spampinato C., Ricceri R., Pennisi G., Aguglia E., Bella R., BMC psychiatry, 13(1), 2013, 300, ISSN: 1471-244X
1778	2	Ziemann U., Handbook of Clinical Neurology (Chapter 32 – Pharmaco-transcranial magnetic stimulation studies of motor excitability) Volume 116, 2013, 387–397, ISBN: 978-0-444-53497-2
357.	**Momchilova A.B., Markovska T.T., Koumanov K.S., Age-related changes in rat liver plasma membrane sphingomyelinase activity., Exp. Gerontol., 23, 1988, 19-24**	
1779	1	Gonzalez-Covarrubias V., Beekman A., Hae-Won Uh M., Dane A., Troost J., Paliukhovich I., van der Kloet F., Houwing-Duistermaat R., Vreeken J., Hankemeier T.,. Slagboom E., Aging Cell 2013,12, 426-434.

358.	**Momchilova A., Markovska T., Pankov R. Ha-ras-transformation alters the metabolism of phosphatidylethanolamine and phosphatidylcholine in NIH 3T3 fibroblasts Cell Biol. Int., 9, 1999, 603-610**	
1780	1	Arsenault, D.J., Yoo, B.H., Rosen, K.V., Ridgway, N.D. ras-induced up-regulation of CTP:phosphocholine cytidylyltransferase α contributes to malignant transformation of intestinal epithelial cells J. Biol. Chem., 288 (1), 2013, 633-643.
1781	2	Morton, C. C., Aitchison, A. J., Gehrig, K., & Ridgway, N. D. A mechanism for suppression of the CDP-choline pathway during apoptosis. J. Lipid Res., 54(12), 2013, 3373-3384.
1782	3	Ridgway, N.D. The role of phosphatidylcholine and choline metabolites to cell proliferation and survival Crit. Rev. Biochem. Mol. Biol., 48 (1), 2013, 20-38.
359.	**Mrówczyński W., P. Krutki, V. Chakarov, J. Celichowski. Doublet of Action Potentials Evoked by Intracellular Injection of Rectangular Depolarization Current into Rat Motoneurones. Experimental Brain Research, 205 (1), 2010, 95-102**	
1783	1	Kudina L.P., R.E. Andreeva. Motoneuron Double Discharges: Only One Or Two Different Entities?. Front. Cell. Neurosci., 22 May 2013 | doi: 10.3389/fncel.2013.00075
360.	**Mudrov T, Krasteva V, Jekova I. Microcontroller-based ECG simulator prototype. Proc. 13-th Nat. Sci. Conf. "Electronics'2004", 2004:86-91**	
1784	1	Marsousi M, Alirezaie J, Umapathy K (2013) A flexible approach for simulating physiological signals. Physiological Measurement, 34(6), pp. 695-712.
1785	2	Neycheva T, Stoyanov T, Abächerli R, Christov I (2013) High Resolution 16-channels ECG Tester Simulator for Online Digital-to-Analogue Conversion of Data from PC. Computing in Cardiology, 40, pp.457-460.
1786	3	Requena-Carrion J, Alonso-Atienza F, Everss E, Sanchez-Munoz JJ, Orti, M, Garcia-Alberola A, Rojo-Ãlvarez JL (2013) Analysis of the robustness of spectral indices during ventricular fibrillation. Biomedical Signal Processing and Control, 8(6),pp. 733 – 739.
361.	**Müller H., W. Klinkhammer, C. Globisch, M. Kassack, I. Pajeva, M. Wiese (2007): New functional assay of P-glycoprotein activity using Hoechst 33342. Bioorg. Med. Chem., 15, 7470-7479.**	
1787	1	Lapchak, P. Drug-Like Property Profiling of Novel Neuroprotective Compounds to Treat Acute Ischemic Stroke: Guidelines to Develop Pleiotropic Molecules. TRANSLATIONAL STROKE RESEARCH, 4 (3):328-342; 10.1007/s12975-012-0200-y JUN 2013.
1788	2	Lapchak PA, Bombien R, Rajput PS (2013) J-147 a Novel Hydrazide Lead Compound to Treat Neurodegeneration: CeeTox™ Safety and Genotoxicity Analysis. J NEUROL NEUROPHYSIOL 4:158. doi: 10.4172/2155-9562.1000158 July 25, 2013
1789	3	Lemmen, J; Tozakidis, IEP; Galla, HJ. Pregnane X receptor upregulates ABC-transporter Abcg2 and Abcb1 at the blood-brain barrier. BRAIN RESEARCH, 1491 1-13; 10.1016/j.brainres.2012.10.060 JAN 23 2013
1790	4	Lemmen, J; Tozakidis, IEP; Bele, P; Galla, HJ. Constitutive androstane receptor upregulates Abcb1 and Abcg2 at the blood-brain barrier after CITCO activation. BRAIN RESEARCH, 1501 68-80; 10.1016/j.brainres.2013.01.025 MAR 21 2013
362.	**Müller H., I. Pajeva, C. Globisch, M. Wiese. Functional assay and structure-activity relationships of new 3rd generation P-glycoprotein inhibitors. Bioorg. Med. Chem., 16, 2008, 2456-2470.**	
1791	1	Guo HQ, GN Zhang, YJ Wang, YK Zhang, K Sodani. β-elemene, a compound derived from Rhizoma zedoariae, reverses multidrug resistance mediated by the ABCB1 transporter. Oncology reports, November 27, 2013 DOI: 10.3892/or.2013.2870
1792	2	Liu, HM; Ma, ZG; Wu, BJ. Structure-activity relationships and in silico models of P-glycoprotein (ABCB1) inhibitors. XENOBIOTICA, 43 (11):1018-1026; 10.3109/00498254.2013.791003 NOV 2013
1793	3	Madhavan, T., Gadhe, C., Kothandan, G., Cho, S. Enhancement of P-gylcoprotein modulators of arylmethylamine-phenyl derivatives: an integrative modeling approach. MEDICINAL CHEMISTRY RESEARCH, 22 (5):2511-2523; 10.1007/s00044-012-0246-0 MAY 2013.
1794	4	Sun YL, Chen JJ, Kumar P, Chen K, Sodani K, Patel A, Chen YL, Chen SD, Jiang WQ, Chen ZS. Reversal of MRP7 (ABCC10)-Mediated Multidrug Resistance by Tariquidar. PLOS ONE, 8 (2):10.1371/journal.pone.0055576 FEB 5 2013.

1795	5	Tan W, Mei H, Chao L, Liu T, Pan X, Shu M, Yang L. Combined QSAR and molecule docking studies on predicting P-glycoprotein inhibitors. J COMPUT AIDED MOL DES. 2013 Dec 10. [Epub ahead of print] http://dx.doi.org/10.1007/s10822-013-9697-8
363.	**Nestorov I., Hadjitodorov S., Petrov I., Rowland M. Empirical versus mechanistic modeling: comparison of an artificial neural network to a mechanistically based model for quantitative structure pharmacokinetics relationship of a homologous series of barbiturates, American Association of Pharmaceutical Scientist Journal - PharmSci. http://www.pharmsci.org/journal/ , Vol 1, No 4, 1999, article 21**	
1796	1	Andrej Mošať, Eric Lueshen, Martina Heitzig, Cierra Hall, Andreas A. Linninger, Gürkan Sin, Rafiqul Gani. First Principles Pharmacokinetic Modeling; A Quantitative Study on Cyclosporin, Computers & Chemical Engineering, 54, pp. 97-110; 10.1016/j.compchemeng.2013.03.026, JUL 11 2013, Available online 3 April 2013
1797	2	Paulo Paixão, Natália Aniceto, Luís F. Gouveia, José A.G. Morais. Tissue-to-blood distribution coefficients in the rat: Utility for estimation of the volume of distribution in man, European Journal of Pharmaceutical Sciences, Volume 50, Issues 3–4, 20 November 2013, Pages 526–543
364.	**Netzeva, T.I. A.O. Aptula, Benfenati, E; Cronin, MTD; Gini, G; Lessigiarska, I; Maran, U; Vracko, M; Schuurmann, G. Description of the electronic structure of organic chemicals using semiempirical and ab initio methods for development of toxicological QSARs. Journal of Chemical Information and Modeling. 45, 2005, 106-114.**	
1798	1	Levet, A.; Bordes, C.; Clement, Y.; Mignon, P.; Chermette, H.; Marote, P.; Cren-Olive, C.; Lanteri, P. Quantitative structure-activity relationship to predict acute fish toxicity of organic solvents. CHEMOSPHERE 2013, 93(6), 1094-1103.
365.	**Neumann, E., Kakorin, S., Tsoneva, I., Nikolova, B., Tomov, T., Calcium mediated DNA adsorption to yeast cells and kinetiks of cell transformation by electroporation. Biophys. J., 71, 1996, 868-877, ISSN 0006-3495.**	
1799	1	Arūnas Stirkė, Fizinių Ir Technologijos Mokslų Centras, Cheminio Ir Elektrinio Poveikių Saccharomyces, Cerevisiae Mielių Ląstelių Savybėms Tyrimas, Daktaro disertacija, Fizikiniai mokslai, chemija (03 P), Vilnius, 2013
1800	2	Haberl, S., Kandušer, M., Flisar, K., Hodžić, D., Bregar, V. B., Miklavčič, D., Escoffre, J.-M., Pavlin, M., Effect of different parameters used for in vitro gene electrotransfer on gene expression efficiency, cell viability and visualization of plasmid DNA at the membrane level, Journal of Gene Medicine 15 (5) 2013, pp. 169-181
1801	3	Mitrikeski, P.T., Yeast competence for exogenous DNA uptake: Towards understanding its genetic component, Antonie van Leeuwenhoek, International Journal of General and Molecular Microbiology 103 (6) 2013, pp. 1181-1207
1802	4	Sadik, M. M., Li, J., Shan, J. W., Shreiber, D. I., Lin, H., Quantification of propidium iodide delivery using millisecond electric pulses: Experiments , Biochimica et Biophysica Acta - Biomembranes 1828 (4), 2013, pp. 1322-1328
1803	5	Santra, T.S., Wang, P. C, Tseng, F. G., Electroporation Based Drug Delivery and Its Applications, Advances in Micro/Nano Electromechanical Systems and Fabrication Technologies, doi.org/10.5772/55369, 2013.
1804	6	Stirke, A., A Zimkus, A Ramanaviciene, Balevicius, S., Zurauskiene, N., Chaustova, L., Stankevic,V., Ramanavicius, A., Electric field-induced effects on yeast cell wall permeabilization, Bioelectromagnetics. DOI: 10.1002/bem.21824, 2013.
1805	7	Teissié, J., Electrically Mediated Gene Delivery: Basic and Translational Concepts Advances in Micro/Nano Electromechanical Systems and Fabrication Technologies, doi.org/10.5772/55369, 2013.
1806	8	Weaver, J. C., Estimating the contribution of lightning to microbial evolution: Guidance from the Drake equation. Comment on "Lightning-triggered electroporation and electrofusion as possible contributors to natural horizontal gene transfer" by Tadej Kotnik, Physics of Life Reviews 10 (3), 2013, pp. 373-376

366.	**Nikolova M., Pondev N., Christova L., Wolf W., Kossev A., Eur. J. Appl. Physiol., 98, 2006, 212-219, ISSN: 14396319**	
1807	1	Power K.E., Copithorne D.B., Appl. Physiol., Nutrition Matabolism, 38(11), 2013, 1154-1161, print ISSN: 1715-5312; eISSN: 715-5320)
1808	2	Takemi M., Masakado Y., Liu M., Ushiba J., J. Neurophysiol., 110(5), 2013,1158-1166, Print ISSN: 0022-3077; Online ISSN: 1522-1598
367.	**Pajeva, I., C. Globisch, R. Fleischer, I. Tsakovska, M. Wiese. Molecular modeling of P-glycoprotein and related drugs, Med. Chem. Res., 14(2), 2005, 106-117.**	
1809	1	Halder, AK; Saha, A; Jha, T. The Role of 3D Pharmacophore Mapping Based Virtual Screening for Identification of Novel Anticancer Agents: An Overview. CURRENT TOPICS IN MEDICINAL CHEMISTRY, 13 (9):1098-1126; MAY 2013.
1810	2	Thai, KM; Ngo, TD; Tran, TD; Le, MT. Pharmacophore Modeling for Antitargets. CURRENT TOPICS IN MEDICINAL CHEMISTRY, 13 (9):1002-1014; MAY 2013.
368.	**Pajeva I.K., C. Globisch, M. Wiese. Combined pharmacophore modeling, docking and 3D QSAR study of ABCB1 and ABCC1 transporter inhibitors. ChemMedChem, 4 (11), 2009, 1883-1896.**	
1811	1	Chang, Shan-Yan and Liu, Fu-Feng and Dong, Xiao-Yan and Sun, Yan. Molecular insight into conformational transmission of human P-glycoprotein. THE JOURNAL OF CHEMICAL PHYSICS, 139, 225102, 2013. DOI:http://dx.doi.org/10.1063/1.4832740
1812	2	Ferreira, RJ; Ferreira, MJU; dos Santos, DJVA. Assessing the Stabilization of P-Glycoprotein's Nucleotide-Binding Domains by the Linker, Using Molecular Dynamics. MOLECULAR INFORMATICS, 32 (5-6):529-540; SI 10.1002/minf.201200175 JUN 2013.
1813	3	He, D; Zhao, XQ; Chen, XG; Fang, Y; Singh, S; Talele, TT; Qiu, HJ; Liang, YJ; Wang, XK; Zhang, GQ; Chen, ZS; Fu, LW. BIRB796, the Inhibitor of p38 Mitogen-Activated Protein Kinase, Enhances the Efficacy of Chemotherapeutic Agents in ABCB1 Overexpression Cells. PLOS ONE, 8 (1), e54181, JAN 18 2013.
1814	4	Hsin-Yi Hung, Emika Ohkoshi, Masuo Goto, Kyoko Nakagawa-Goto, Kuo-Hsiung Lee, 1-(3,4,5-Trimethoxyphenyl)ethane-1,2-diyl esters, a novel compound class with potent chemoreversal activity, Bioorganic & Medicinal Chemistry Letters, Volume 22, Issue 24, 15 December 2012, Pages 7726-7729, ISSN 0960-894X, 10.1016/j.bmcl.2012.09.096.
1815	5	Kanaoka S., Y. Kimura, M. Fujikawa, Y. Nakagawa, K. Ueda, M. Akamatsu. Substrate recognition by P-glycoprotein efflux transporters: Structure-ATPase activity relationship of diverse chemicals and agrochemicals. JOURNAL OF PESTICIDE SCIENCE. 38, 2013, 112-122.
1816	6	Liu, JH; Wang, X; Liu, P; Deng, RX; Lei, M; Chen, WT; Hu, LH. 20(S)-Protopanaxadiol (PPD) analogues chemosensitize multidrug-resistant cancer cells to clinical anticancer drugs. BIOORGANIC & MEDICINAL CHEMISTRY, 21 (14):4279-4287; 10.1016/j.bmc.2013.04.067 JUL 15 2013.
1817	7	Liu, HM; Ma, ZG; Wu, BJ. Structure-activity relationships and in silico models of P-glycoprotein (ABCB1) inhibitors. XENOBIOTICA, 43 (11):1018-1026; 10.3109/00498254.2013.791003 NOV 2013
1818	8	Liu, KJ; He, JH; Su, XD; Sim, HM; Xie, JD; Chen, XG; Wang, F; Liang, YJ;Singh, S; Sodani, K; Talele, TT; Ambudkar, SV; Chen, ZS; Wu, HY; Fu, LW. Saracatinib (AZD0530) is a potent modulator of ABCB1-mediated multidrug resistance in vitro and in vivo, INTERNATIONAL JOURNAL OF CANCER, 132 (1):224-235; 10.1002/ijc.27649 JAN 1 2013.
1819	9	Orlandi, F., M. Coronnello, C. Bellucci, S. Dei, L. Guandalini, D. Manetti, C. Martelli, M. N. Romanelli, S. Scapecchi, M. Salerno, H. Menif, I. Bello, E. Mini, E. Teodori, New structure-activity relationship studies in a series of N,N-bis(cyclohexanol)amine aryl esters as potent reversers of P-glycoprotein-mediated Multidrug Resistance (MDR), Bioorganic & Medicinal Chemistry, Available online 24 November 2012, ISSN 0968-0896, 10.1016/j.bmc.2012.11.019.
1820	10	Pradines, B. P-glycoprotein-like Transporters in Leishmania: A Search for Reversal Agents. In: Drug Resistance in Leishmania Parasites, Eds: Ponte-Sucre, A., Diaz, E., Padrón-Nieves, M., 2013, Springer Vienna, 381-404.
1821	11	Ricardo J. Ferreira, Maria-José U. Ferreira, and Daniel J. V. A. dos Santos Molecular Docking Characterizes Substrate-Binding Sites and Efflux Modulation Mechanisms within P-Glycoprotein. JOURNAL OF CHEMICAL INFORMATION AND MODELING, 53 (7):1747-1760; 10.1021/ci400195v JUL 2013.

1822	12	Singh DB, Gupta, MK, Kesharwani RK, Misra K. Comparative docking and ADMET study of some curcumin derivatives and herbal congeners targeting β-amyloid. NETWORK MODELING ANALYSIS IN HEALTH INFORMATICS AND BIOINFORMATICS. 2013, 2 (1), 13-27.
1823	13	Singh, DB; Gupta, MK; Singh, DV; Singh, SK; Misra, K. Docking and in silico ADMET Studies of Noraristeromycin, Curcumin and Its Derivatives with Plasmodium falciparum SAH Hydrolase: A Molecular Drug Target against Malaria. INTERDISCIPLINARY SCIENCES-COMPUTATIONAL LIFE SCIENCES, 5 (1):1-12; 10.1007/s12539-013-0147-z MAR 2013.
1824	14	Steiger, Scott. 4-Isoxazolyl-1,4-Dihydropyrirines Bind The Multidrug-Resistance Transporter, PhD Thesis, The University of Montana Missoula, MT May 2013.
1825	15	Tan W, Mei H, Chao L, Liu T, Pan X, Shu M, Yang L. Combined QSAR and molecule docking studies on predicting P-glycoprotein inhibitors. J COMPUT AIDED MOL DES. 2013 Dec 10. [Epub ahead of print] http://dx.doi.org/10.1007/s10822-013-9697-8.
369.	**Pajeva I.K., C. Globisch, M. Wiese. Comparison of the inward- and outward-open homology models and ligand binding of human P-glycoprotein. *FEBS J.*, 276 (23),** 2009, 7016–7026.	
1826	1	Chang, S-Y., Liu, F-F. Molecular simulations of ATP-Binding Cassette Transporters. PROGRESS IN CHEMISTRY, 25, 2013, 1208-1218.
1827	2	Honorat M, Terreux R, Falson P, Di Pietro A, Dumontet C, Payen L. Localization of putative binding sites for cyclic guanosine monophosphate and the anti-cancer drug 5-fluoro-2'-deoxyuridine-5'-monophosphate on ABCC11 in silico models. BMC STRUCT BIOL. 2013 May 6;13:7. doi: 10.1186/1472-6807-13-7.
1828	3	Loo, TW; Clarke, DM. A Salt Bridge in Intracellular Loop 2 Is Essential for Folding of Human P-Glycoprotein. BIOCHEMISTRY, 52 (19):3194-3196; 10.1021/bi4400425k MAY 14 2013.
1829	4	Loo TW, Clarke DM.. Drug Rescue Distinguishes between Different Structural Models of Human P-Glycoprotein. BIOCHEMISTRY, 52 (41):7167-7169; 10.1021/bi401269m OCT 15 2013
1830	5	Prajapati, R; Singh, U; Patil, A; Khomane, KS; Bagul, P; Bansal, AK; Sangamwar, AT. In silico model for P-glycoprotein substrate prediction: insights from molecular dynamics and in vitro studies. JOURNAL OF COMPUTER-AIDED MOLECULAR DESIGN, 27 (4):347-363; 10.1007/s10822-013-9650-x APR 2013.
1831	6	Wen, PC; Verhalen, B; Wilkens, S; Mchaourab, HS; Tajkhorshid, E. On the Origin of Large Flexibility of P-glycoprotein in the Inward-facing State. JOURNAL OF BIOLOGICAL CHEMISTRY, 288 (26):19211-19220; 10.1074/jbc.M113.450114 JUN 28 2013.
370.	**Pajeva I.K., C. Globisch, M. Wiese. Structure-Function Relationships of Multidrug Resistance P-glycoprotein, J. Med. Chem., 47 (10), 2004, 2523-2533.**	
1832	1	Chang, S-Y., Liu, F-F., Dong, X.-Y., Sun. Molecular insight into conformational transmission of human P-glycoprotein. THE JOURNAL OF CHEMICAL PHYSICS, 139, 225102, 2013. DOI:http://dx.doi.org/10.1063/1.4832740
1833	2	Liu, HM; Ma, ZG; Wu, BJ. Structure-activity relationships and in silico models of P-glycoprotein (ABCB1) inhibitors. XENOBIOTICA, 43 (11):1018-1026; 10.3109/00498254.2013.791003 NOV 2013.
1834	3	Ricardo J. Ferreira, Maria-José U. Ferreira, and Daniel J. V. A. dos Santos Molecular Docking Characterizes Substrate-Binding Sites and Efflux Modulation Mechanisms within P-Glycoprotein. JOURNAL OF CHEMICAL INFORMATION AND MODELING, 53 (7):1747-1760; 10.1021/ci400195v JUL 2013
1835	4	Steiger, Scott. PhD Thesis: 4-Isoxazolyl-1,4-Dihydropyrirines Bind The Multidrug-Resistance Transporter, The University of Montana Missoula, MT May 2013
371.	**Pajeva I. , M. Hanl, M. Wiese. Protein contacts and ligand binding in the inward-facing model of human P-glycoprotein, ChemMedChem, 8 (5), 2013, 748–762.**	
1836	1	Kapoor K., J Bhatnagar, EE Chufan, SV Ambudkar. Mutations in Intracellular Loops 1 and 3 Lead To Misfolding of Human P-Glycoprotein (ABCB1) That Can Be Rescued By Cyclosporine A, Which Reduces its Association With Chaperone Hsp70. Journal of Biological Chemistry, 2013
1837	2	Loo TW, Clarke DM. Locking Intracellular Helices 2 and 3 Together Inactivates Human P-glycoprotein. J Biol Chem. 2013 Nov 26. doi: 10.1074/jbc.M113.527804 [Epub ahead of print]

372.	**Pajeva, I.K., J.K. Seydel, D. K. Todorov. Interactions of the anticancer drugs doxorubicin and thaliblastine with model membranes and their relation to multidrug resisrance, Biotechnol. Biotechn Eq., 18 (1), 2004, 132-139**	
1838	1	Biljali S., P. Nedialkov, D. Zheleva-Dimitrova, G. Kitanov, D. Momekova, G. Momekov. Cytotoxic effects and multidrug resistance modulation by five benzophenones and a xanthone isolated from Hypericum annulatum Moris subsp. annulatum. Biotechnol. & Biotechnol. Eq. 2013, 27(1), 3561-3568.
373.	**Pajeva I., K. Sterz, K. Steggemann, F. Marighetti, M. Christlieb, M. Wiese. Interactions of the multidrug resistance modulators tariquidar and elacridar and their analogs with P-glycoprotein. ChemMedChem, 8 (10), 2013, 1701–1713.**	
1839	1	Geng M., L. Wang, X. Chen, R. Cao, P. Li. The association between chemosensitivity and Pgp, GST-pi and Topo II expression in gastric cancer. Diagnostic Pathology 2013, 8:198. doi:10.1186/1746-1596-8-198.
1840	2	Martinez L. Arnaud O., Henin E., Tao H., Chaptal V., Doshi R., Andrieu T., Dussurgey, S., Tod M., Pietro AD., Zhang Q., Chang, G., Falson P. Understanding Polyspecificity Within The Substrate-Binding Cavity Of The Human Multidrug Resistance P-Glycoprotein. FEBS J. DO - 10.1111/febs.12613, 2013.
374.	**Pajeva I., D.K. Todorov, J.K. Seydel. Membrane effects of the antitumor drugs doxorubicin and thaliblastine: comparison to multidrug resistance modulators verapamil and trans-flupentixol, Europ. J. Pharm. Sci., 21(2-3), 2004, 243-250.**	
1841	1	Marguerite, V; Gkikopoulou, E; Alberto, JM; Gueant, JL; Merten, M. Phospholipase D activation mediates cobalamin-induced downregulation of Multidrug Resistance-1 gene and increase in sensitivity to vinblastine in HepG2 cells, INTERNATIONAL JOURNAL OF BIOCHEMISTRY & CELL BIOLOGY, 45 (2):213-220; FEB 2013
375.	**Pajeva I.K., M. Wiese. A comparative molecular field analysis of propafenone-type modulators of cancer multidrug resistance, Quant. Struct.-Act. Relat., 17, 1998, 301-312.**	
1842	1	Ivkovic, BM; Nikolic, K; Ilic, BB; Zizak, ZS; Novakovic, RB; Cudina, OA; Vladimirov, SM. Phenylpropiophenone derivatives as potential anticancer agents: Synthesis, biological evaluation and quantitative structure-activity relationship study. EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, 63c, 239-255; 10.1016/j.ejmech.2013.02.013 MAY 2013.
1843	2	Jabeen I, Wetwitayaklung P, Chiba P, Pastor M, Ecker GF. 2D- and 3D-QSAR studies of a series of benzopyranes and benzopyrano[3,4b][1,4]-oxazines as inhibitors of the multidrug transporter P-glycoprotein. JOURNAL OF COMPUTER-AIDED MOLECULAR DESIGN, 27 (2):161-171; 10.1007/s10822-013-9635-9 FEB 2013
376.	**Pajeva I.K., M. Wiese: Molecular modeling of phenothiazines and related drugs as multidrug resistance modifiers: a comparative molecular field analysis, J. Med. Chem., 41, 1998, 1815-1826**	
1844	1	Jabeen I, Wetwitayaklung P, Chiba P, Pastor M, Ecker GF. 2D- and 3D-QSAR studies of a series of benzopyranes and benzopyrano[3,4b][1,4]-oxazines as inhibitors of the multidrug transporter P-glycoprotein. JOURNAL OF COMPUTER-AIDED MOLECULAR DESIGN, 27 (2):161-171; 10.1007/s10822-013-9635-9 FEB 2013
1845	2	Jara GE, DMA Vera, AB Pierini.Binding of Modulators to Mouse and Human Multidrug Resistance P-glycoprotein. A Computational Study. JOURNAL OF MOLECULAR GRAPHICS AND MODELLING, 46, 2013, 10-21.
1846	3	Liu, HM; Ma, ZG; Wu, BJ. Structure-activity relationships and in silico models of P-glycoprotein (ABCB1) inhibitors. XENOBIOTICA, 43 (11):1018-1026; 10.3109/00498254.2013.791003 NOV 2013.
377.	**Pajeva I.K., M. Wiese. Pharmacophore model of drugs involved in P-glycoprotein multidrug resistance: explanation of structural variety (Hypothesis), J. Med. Chem., 45 (26), 2002, 5671-86.**	
1847	1	Halder, AK; Saha, A; Jha, T. The Role of 3D Pharmacophore Mapping Based Virtual Screening for Identification of Novel Anticancer Agents: An Overview. CURRENT TOPICS IN MEDICINAL CHEMISTRY, 13 (9):1098-1126; MAY 2013.

1848	2	Levatic, J; Curak, J; Kralj, M; Smuc, T; Osmak, M; Supek, F. Accurate Models for P-gp Drug Recognition Induced from a Cancer Cell Line Cytotoxicity Screen. JOURNAL OF MEDICINAL CHEMISTRY 56 (14), 5691-5708, 2013.
1849	3	Liu, JH; Wang, X; Liu, P; Deng, RX; Lei, M; Chen, WT; Hu, LH. 20(S)-Protopanaxadiol (PPD) analogues chemosensitize multidrug-resistant cancer cells to clinical anticancer drugs. BIOORGANIC & MEDICINAL CHEMISTRY, 21 (14):4279-4287; 10.1016/j.bmc.2013.04.067 JUL 15 2013.
1850	4	Ricardo J. Ferreira, Maria-José U. Ferreira, and Daniel J. V. A. dos Santos Molecular Docking Characterizes Substrate-Binding Sites and Efflux Modulation Mechanisms within P-Glycoprotein. JOURNAL OF CHEMICAL INFORMATION AND MODELING, 53 (7):1747-1760; 10.1021/ci400195v JUL 2013
1851	5	Y Tajima, H Nakagawa, A Tamura, O Kadioglu, K Satake, Y Mitani, H Murase, LO Regasini, V da Silva Bolzani, T Ishikawa, G Fricker, T Efferth. Nitensidine A, a guanidine alkaloid from Pterogyne nitens is a novel substrate for human ABC transporter ABCB1. PHYTOMEDICINE, Oct 2013. http://dx.doi.org/10.1016/j.phymed.2013.08.024.
1852	6	Thai, KM; Ngo, TD; Tran, TD; Le, MT. Pharmacophore Modeling for Antitargets. CURRENT TOPICS IN MEDICINAL CHEMISTRY, 13 (9):1002-1014; MAY 2013.
1853	7	Xu, Y; Liu, X; Li, SS; Zhou, NN; Gong, LK; Luo, C; Luo, XM; Zheng, MY; Jiang, HL; Chen, KX. Combinatorial Pharmacophore Modeling of Organic Cation Transporter 2 (OCT2) Inhibitors: Insights into Multiple Inhibitory Mechanisms. MOLECULAR PHARMACEUTICS, 10 (12):4611-4619; 10.1021/mp400423g DEC 2013.
1854	8	Xu, Y; Shen, Q; Liu, X; Lu, J; Li, S; Luo, C; Gong, L; Luo, X; Zheng, M; Jiang, H. Computational Models for Predicting Interactions with Membrane Transporters. CURRENT MEDICINAL CHEMISTRY, 20 (16):2118-2136; MAY 2013.
1855	9	Zhang, DM; Li, YJ; Shu, C; Ruan, ZX; Chen, WM; Yiu, A; Peng, YH; Wang, J; Lan, P; Yao, Z; Fung, KP; Fu, LW; Chen, ZS; Ye, WC. Bipiperidinyl derivatives of 23-hydroxybetulinic acid reverse resistance of HepG2/ADM and MCF-7/ADR cells. ANTI-CANCER DRUGS, 24 (5):441-454; 10.1097/CAD.0b013e32835fcc77 JUN 2013.
378.	**Pajeva I.K., M.Wiese. QSAR and molecular modelling study of multidrug resistance modifiers, Quant. Struct.-Act. Relat., 16 (1), 1997, 1-10.**	
1856	1	Joshi B.D., P. Tandon, S. Jain. Structure, MESP and HOMO-LUMO study of 10-Acetyl- 10H-phenothiazine 5-oxide using vibrational spectroscopy and quantum chemical methods. BIBECHANA 9, 38-49, 2013
379.	**Pajeva IK, Wiese M. Structure-activity relationships of tariquidar analogs as multidrug resistance modulators. AAPS J, 11, 2009, 435-44.**	
1857	1	Liu, HM; Ma, ZG; Wu, BJ. Structure-activity relationships and in silico models of P-glycoprotein (ABCB1) inhibitors. XENOBIOTICA, 43 (11):1018-1026; 10.3109/00498254.2013.791003 NOV 2013
1858	2	Sun YL, Chen JJ, Kumar P, Chen K, Sodani K, Patel A, Chen YL, Chen SD, Jiang WQ, Chen ZS. Reversal of MRP7 (ABCC10)-Mediated Multidrug Resistance by Tariquidar. PLOS ONE, 8 (2):10.1371/journal.pone.0055576 FEB 5 2013
1859	3	TambunanUSF, H Pratomo, AA Parikesit. Modification of Kampmann A5 as Potential Fusion Inhibitor of Dengue Virus using Molecular Docking and Molecular Dynamics Approach. J. MED. SCI, 13 (8), 621-634, 2013.
380.	**Pajeva I.K., M.Wiese, H.-P.Cordes, J.K.Seydel. Membrane interactions of some catamphiphilic drugs and relation to their multidrug resistance reversing ability, J. Cancer Res. Clin. Onc. , 122 (1), 1996, 27-40.**	
1860	1	Huang, D, T. Zhao, Xu, W; Yang, TL; Cremer, PS. Sensing Small Molecule Interactions with Lipid Membranes by Local pH Modulation. ANALYTICAL CHEMISTRY, 85 (21):10240-10248; 10.1021/ac401955t NOV 5 2013.
1861	2	Joshi B.D., P. Tandon, S. Jain. Structure, MESP and HOMO-LUMO study of 10-Acetyl- 10H-phenothiazine 5-oxide using vibrational spectroscopy and quantum chemical methods. BIBECHANA 9, 38-49, 2013
1862	3	Kars MD, G kars, U Gunduz. Paclitaxel Resistance in MCF-7/Pac Cell Line is Reversed Successfully by Saikosaponin A and Saikosaponin D. International Journal of Hematology and Oncology, 23 (4), 2013, 227-232.

1863	4	Michalak K., Andrzej B. Hendrich, Olga Wesołowska, Andrzej Poła. Compounds that modulate multidrug resistence in cancer cells. CELLULAR & MOLECULAR BIOLOGY LETTERS, 2013, 6(2), 362-368.
381.	**Pankov R., Markovska T., Antonov P., Ivanova L., Momchilova A., The plasma membrane lipid composition affects fusion between cells and model membranes Chemico-Biological Interactions, (3) 2006,167-173**	
1864	1	Müller, G., Koburger, T., Kramer, A., Interaction of polyhexamethylene biguanide hydrochloride (PHMB) with phosphatidylcholine containing o/w emulsion and consequences for microbicidal efficacy and cytotoxicity Chemico-Biological Interactions, 201 (1), 2013, 58-64
1865	2	Penniston, J. T., Padányi, R., Pászty, K., Varga, K., Hegedűs, L., & Enyedi, A. Apart from its basic function the plasma membrane Ca2+ ATPase regulates Ca2+ signaling by controlling phosphatidylinositol-4, 5-bisphosphate levels. Journal of Cell Science, 2013, jcs-132548.DOI: 10.1242/jcs132548
382.	**Pankov R., Markovska T., Hazarosova R., Antonov P., Ivanova L., Momchilova A., Cholesterol distribution in plasma membranes of β1 integrin-expressing and β1 integrin deficient fibroblasts, Arch. Biochem. Biophys., 2, 2005, 160-168**	
1866	1	Hussain, N.F., Siegel, A.P., Ge, Y., Jordan, R., Naumann, C.A. Bilayer asymmetry influences integrin sequestering in raft-mimicking lipid mixtures Biophysical Journal, 104 (10), 2013, 2212-2221
1867	2	Wydro, P., Flasiński, M., Broniatowski, M. Grazing Incidence X-ray Diffraction and Brewster Angle Microscopy studies on domain formation in phosphatidylethanolamine/ cholesterol monolayers imitating the inner layer of human erythrocyte membrane Biochimica et Biophysica Acta - Biomembranes, 1828 (6), 2013, 1415-1423.
383.	**Pankov R., Momchilova A. Fluorescent labeling techniques for investigation of fibronectin fibrillogenesis (labeling fibronectin fibrillogenesis). Methods in Molecular Biology, 2009, 261-274**	
1868	1	Lai B., Yingzhen A., "Effect of 3D microgroove surface topography on plasma and cellular fibronectin of human gingival fibroblasts." Journal of Dentistry 41, 11 2013, 1109-1121
1869	2	Miron-Mendoza M., Koppaka V., Zhou C., Petroll W.M., Techniques for assessing 3-D cell-matrix mechanical interactions in vitro and in vivo, Experimental Cell Research, 319 (16), 2013, 2470-2480
1870	3	da Rocha-Azevedo B., Ho C.-H., Grinnell F., Fibroblast cluster formation on 3D collagen matrices requires cell contraction dependent fibronectin matrix organization Experimental Cell Research, 319 (4), 2013, 546-555
384.	**Parvanova D., Popova A., Zaharieva I., Lambrev P., Konstantinova T., Taneva S., Atanassov A., Goltsev V., Djilianov D., Low temperature tolerance of tobacco plants transformed to accumulate proline, fructans, or glycine betaine. Variable chlorophyll fluorescence evidence, Photosynthetica, 42(2), 2004, 179-185**	
1871	1	Keunen E., Peshev D., Vangronsveld J., Van Den Ende W., Cuypers A., Plant sugars are crucial players in the oxidative challenge during abiotic stress: Extending the traditional concept, Plant, Cell and Environment, 36(7), 2013, 1242-1255.
1872	2	van den Ende W., Peshev D., Sugars as antioxidants in plants, Crop Imprevement under Adverse Conditions, 2013, 285-307
385.	**Parvathi, R., M.G. Karunambigai and K.T. Atanassov, Operations on intuitionistic fuzzy graphs, Fuzzy Systems, 2009. FUZZ-IEEE 2009. IEEE International Conference, 1396-1401.**	
1873	1	Akram, M., NO Alshehri, WA Dudek. Certain Types of Interval-Valued Fuzzy Graphs. Journal of Applied Mathematics, Volume 2013 (2013), Article ID 857070, 11 pages http://dx.doi.org/10.1155/2013/857070.
386.	**Parvathi, R., C. Malathi, M. Akram, K. Atanassov. Intuitionistic fuzzy linear regression analysis. Fuzzy Optimization and Decision Making, Vol. 12, 2013, Issue 2, 215-229.**	
1874		Tao Hong, Pu Wang. Fuzzy interaction regression for short term load forecasting. Fuzzy Optimization and Decision Making, Vol. 12, 2013, DOI 10.1007/s10700-013-9166-9.

387.	**Pasi G., K. Atanassov, P. Melo Pinto, R. Yager, V. Atanassova, Multi-person multi-criteria decision making: intuitionistic fuzzy approach and generalized net model. Proc. of the 10th ISPE Int. Conf. on Concurrent Engineering "Advanced Design, Production and Management Systems", 26-30 July 2003, Madeira, 1073-1078.**	
1875	1	Das, S., M. B. Kar, S. Kar. Group multi-criteria decision making using intuitionistic multi-fuzzy sets. Journal of Uncertainty Analysis and Applications 2013, 1:10. doi:10.1186/2195-5468-1-10.
388.	**Pasi G., Yager, K. Atanassov. Intuitionistic fuzzy graph interpretations of multi-person multi-criteria decision making: generalized net approach. Proceedings of Second International IEEE Conference Intelligent Systems, Varna, 22-24 June 2004, Vol. 2, 434-439.**	
1876	1	Agarwal, M., M. Hanmandlu, K. K. Biswas. A Probabilistic and Decision Attitude Aggregation Operator for Intuitionistic Fuzzy Environment. International Journal of Intelligent Systems, Volume 28, Issue 8, pages 806–839, August 2013, DOI: 10.1002/int.21603
1877	2	Ahmad, Y., S. Husain, I. Sayeed Asthanvi. Study on the Development of Decision Making Using Intuitionistic Fuzzy Set (IFS) and Interval Valued Intuitionistic Fuzzy Set (IVIFS). IOSR Journal of Engineering. Vol. 3, Issue 4 (April. 2013), pp. 34-42
1878	3	Dymova, L., P. Sevastjanov, A. Tikhonenko. Two-criteria method for comparing real-valued and interval-valued intuitionistic fuzzy values. Knowledge-Based Systems, Volume 45, June 2013, Pages 166–173.
389.	**Patino L., V. Chakarov, J. Schulte-Mönting, M.-C. Hepp-Reymond, R. Kristeva. Oscillatory Cortical Activity during a Motor Task in a Deafferented Patient. Neuroscience Letters, 401 (3) , 2006, 214-218.**	
1879	1	Cottone C., L. Tomasevic, C. Porcaro, G. Filligoi, F. Tecchio. Physiological Aging Impacts the Hemispheric Balances of Resting State Primary Somatosensory Activities. Brain Topography, 26 (1), 2013, 186-199
390.	**Patino L., W. Omlor, V. Chakarov, M.-C. Hepp-Reymond, R. Kristeva. Absence of Gamma-Range Corticomuscular Coherence during Dynamic Force in a Deafferented Patient. Journal of Neurophysiology, 99 (4), 2008, 1906-1916.**	
1880	1	Bortel R., P. Sovka. Statistical Evaluation of Coherence Estimated from Optimally Beam Formed Signals. Computers in Biology and Medicine, 43 (9), 2013, 1286-1262.
1881	2	Chen S., J. Entakli, M. Bonnard, E. Berton, J.B. De Graaf. Functional Corticospinal Projections from Human Supplementary Motor Area Revealed by Corticomuscular Coherence during Precise Grip Force Control. PLoS ONE, 8 (3), art. no. e60291, 2013.
1882	3	Laine C.M., F. Negro, D. Farina D. Neural Correlates of Task-Related Changes in Physiological Tremor. Journal of Neurophysiology, 110 (1), 2013, 170-176.
1883	4	Wach C., V. Krause, V. Moliadze, W. Paulus, A. Schnitzler, B. Pollok. The Effect of 10 Hz Transcranial Alternating Current Stimulation (Tacs) on Corticomuscular Coherence. Frontiers in Human Neuroscience, 2013, art. no. 511 2013.
1884	5	Wu X., W. Li, S. Shen, X. Zheng, Y.Zhang, W. Hou. Corticomuscular Coherence Modulation with the Pattern of Finger Force Coordination. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 21 (5), 2013, art. no. 6481452, 812-819
391.	**Pavlov T., M. Todorov,G. Stoyanova, P. Schmieder,H. Aladjov,R. Serafimova, O. Mekenyan. Conformational Coverage by a Genetic Algorithm: Saturation of Conformational Space. Journal of Chemical Information and Modeling, 47, 2007, 851-863**	
1885	1	More H. L., M. O. Shawn , O. Connor, E. Brøndum, T. Wang, M. F. Bertelsen, C. Grøndahl, K. Kastberg, A. Hørlyck, J. Funder, J. M. Donelan. Sensorimotor Responsiveness and Resolution in the Giraffe. The Journal of Experimental Biology , 216, 2013, 1003-1011
392.	**Pehlivanova V.N., Tsoneva I. H., Tzoneva R. D., Multiple effects of electroporation on the adhesive behaviour of breast cancer cells and fibroblasts, Cancer Cell International, 2012, 12, art.no. 9, ISSN: (Print) 1475-2867**	
1886	1	Chenmei S., Qiang S., Different Effects of High Voltage Electric Field on the Biological Characteristics of A549 Lung Cancer Cells, Progress in Modern Biomedicine, 2013, 13(14), R734.2.

1887	2	Wu M., Xiao Y., Zhao, D. Liang Z., A microchip for in vitro parameter determination of cancer electrochemotherapy, Solid-State Sensors, Actuators and Microsystems (TRANSDUCERS & EUROSENSORS XXVII), 2013 Transducers & Eurosensors XXVII: The 17th International Conference on 16-20 June 2013, Page(s): 2157–2160, INSPEC Accession Number: 13829116, Conference Location: Barcelona, Digital Object Identifier:10.1109/Transducers.2013.6627229
393.	**Pencheva T., K. Atanassov, A. Shannon, Modelling of a Roulette Wheel Selection Operator in Genetic Algorithms Using Generalized Nets, Bioautomation, 2009, 13(4), 257-264.**	
1888	1	De Souza F. H. B. , C. A. Maia, R. R. Saldanha, Otimização de Provisionamento de Largura de Banda Usando Redes de Petri na Modelagem de Comportamento de Clientes E Provedores, Simpósio Brasileiro de Automação Inteligente (SBAI), October 13-17, 2013, Fortaleza, Brasil, available at http://www.sbai2013.ufc.br/pdfs/4038.pdf.
394.	**Pencheva T., P. Georgiev, O. Roeva. A comparison of wastewater treatment modelling with partial diferential equations and generalized nets. Proc. Of the First Int. Workshop on Intuitionistic Fuzzy Sets, Generalized nets and Knowledge Engeneering, London, 6-7 Sept. 2006, 105-110.**	
1889	1	Georgieva V. Generalized Net Model of the Process of Fresh Water Treatment, Issues in IFS and GNs, Vol. 11, 2013, 55-64.
1890	2	Димитров Д. Програмен аспект на теорията на обобщените мрежи – оптимизация на алгоритми за изпълнение, оператори за модификация на модели и приложения, Дисертационен труд, Софийски университет „Св. Климент Охридски", 2013
395.	**Pencheva T. D. Lagorce, I. Pajeva, B. O. Villoutreix, M.A. Miteva. AMMOS: Automated Molecular Mechanics Optimization tool for in silico Screening, BMC Bioinformatics, 9, 2008, 438-452.**	
1891	1	Brylinski M. Nonlinear Scoring Functions for Similarity-Based Ligand Docking and Binding Affinity Prediction. JOURNAL OF CHEMICAL INFORMATION AND MODELING 2013 53 (11), 3097-3112.
396.	**Pencheva T., O. Roeva, I. Bentes, J. Barroso, Generalized Nets Model for Fixed-bed Bioreactors, Proc. of the 10th ISPE International Conference on Concurrent Engineering - Advanced Design, Production and Management Systems, Madeira, July 26-30, 2003, 1025-1028.**	
1892	1	Georgieva V. Generalized Net Model of the Process of Fresh Water Treatment, Issues in IFS and GNs, Vol. 11, 2013, 55-64.
397.	**Pencheva T., O. Roeva, I. Hristozov, Functional State Approach to Fermentation Processes Modelling, Tzonkov S., Hitzmann B. (Eds.), Prof. Marin Drinov Academic Publishing House, Sofia, 2006, ISBN-10: 954-322-170-7, ISBN-13: 978-954-322-170-7.**	
1893	1	Kosev K. Application of Functional State Modelling Approach, LAP Lambert Academic Publishing AG & Co. KG, 2013, ISBN-13: 9783659407239
1894	2	Pavlov Y., R. D. Andreev. Decision Control, Management, and Support in Adaptive and Complex Systems: Quantitative Models, IGI Global, 2013 | ISBN-10: 1466629673 | ISBN-13: 978-1466629677
398.	**Pencheva T., O.S Soumana, I. Pajeva , M.A. Miteva. Post-docking virtual screening of diverse binding pockets: Comparative study using DOCK, AMMOS, X-Score and FRED scoring functions. Eur J Med Chem., 2010, 45, 2622–2628**	
1895	1	Ding Z, L Kang, X Cao. Application of docking methods for metal chelate affinity precipitation of endo-glucanase using pH-response polymer. COLLOIDS AND SURFACES B: BIOINTERFACES, 2013.
1896	2	Koseki, Y; Kinjo, T; Kobayashi, M; Aoki, S. Identification of novel antimycobacterial chemical agents through the in silico multi-conformational structure-based drug screening of a large-scale chemical library. EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, 60 333-339; 10.1016/j.ejmech.2012.12.012 FEB 2013.
1897	3	Yuriev, E; Ramsland, PA. Latest developments in molecular docking: 2010-2011 in review. JOURNAL OF MOLECULAR RECOGNITION, 26 (5):215-239; 10.1002/jmr.2266 MAY 2013

399.	**Pencheva T., St. Tzonkov, Functional State Modelling of Fermentation Processes and Their High Quality Control in the Class of Variable Structure Systems, International Symposium "Bioprocess Systems'2002-BioPS'02", Sofia, Bulgaria, October 28-29, 2002, I.58-I.62**	
1898	1	Kosev K., Application of Functional State Modelling Approach, Lambert Academic Publishing, 2013, ISBN 978-3-659-40723-9.
400.	**Peshev R., Christova L., Study of Bovine herpes virus 1 spreading among buffalo heards in Bulgaria, Acta virologica, 44, 2000, 229-230**	
1899	1	Amoroso M.G., Corrado F., De Carlo E., Lucibelli M.G., Martucciello A., Guarino, A., Galiero G., Bubaline herpesvirus 1 associated with abortion in a Mediterranean water buffalo Research in veterinary science, 94(3), 2013, 813-816
401.	**Petkova-Kirova P., Gagov H., Krien U., Duridanova D., Noack T., Schubert R., 4-aminopyridine affects rat arterial smooth muscle BK(Ca) currents by changing intracellular pH, Br J Pharmacol, 131(8), 2000, 1643-50.**	
1900	1	Gal V., Platiša M.M., Nestorović Z., Labudović Borović M., Vuksanović V., Gojković Bukarica L., Contractions of the whole and longitudinally cut rat's portal vein, Computers in Biology and Medicine, 43 (9), 2013, 1114-1119. ISSN: 0010-4825
402.	**Petkova-Kirova P.S., Gursoy E., Mehdi H., McTiernan C.F., London B., Salama G., Electrical remodeling of cardiac myocytes from mice with heart failure due to the overexpression of tumor necrosis factor-alpha. Am J Physiol Heart Circ Physiol. 2006 May;290(5):H2098-107**	
1901	1	Brack K.E., Winter J., Ng G.A., Mechanisms underlying the autonomic modulation of ventricular fibrillation initiation - Tentative prophylactic properties of vagus nerve stimulation on malignant arrhythmias in heart failure, Heart Failure Reviews, 18 (4), 2013, 389-408, ISSN: 1382-4147 (print version), ISSN: 1573-7322 (electronic version)
1902	2	Fiset C., Platelet-derived growth factor: A promising therapeutic target for atrial fibrillation, Heart Rhythm, 10 (7), 2013, 1052-1053, ISSN: 15475271.
1903	3	Fu G., Cao Y., Lu J., Li J., LiuL., Wang H., SuF., Zheng Q., Programmed cell death-1 deficiency results in atrial remodeling in C57BL/6 mice, International Journal of Molecular Medicine, 31 (2), 2013, 423-429, ISSN: 1107-3756
1904	4	Panguluri S.K., Tur J., Chapalamadugu K.C., Katnik C., Cuevas J., Tipparaju S.M., MicroRNA-301a Mediated Regulation of Kv4.2 in Diabetes: Identification of Key Modulators, PLoS ONE, 8 (4), art. no. e60545, 2013, ISSN:· 1932-6203
1905	5	Panguluri S.K., Tur J., Fukumoto J., Deng W., Sneed K.B., Kolliputi N., Bennett E.S., Tipparaju S.M., Hyperoxia-induced hypertrophy and ion channel remodeling in left ventricle, American Journal of Physiology - Heart and Circulatory Physiology, 304 (12), 2013, H1651-H1661. ISSN: 15221539, 03636135
403.	**Petkova-Kirova P., Rakovska A., Della Corte L., Zaekova G., Radomirov R., Mayer A., Neurotensin modulation of acetylcholine, GABA, and aspartate release from rat prefrontal cortex studied in vivo with microdialysis, Brain Res Bull, 30;77(2-3), 2008, 129-35.**	
1906	1	Bashir S., Al-Ayadhi L., Role of serum levels of neurotensin in children with autism spectrum disorder, Neurology Psychiatry and Brain Research, 19 (2), 2013, 59-63, ISSN: 09419500
1907	2	Boules M., Li Z., Smith K., Fredrickson P., Richelson E., Diverse roles of neurotensin agonists in the central nervous system, Frontiers in Endocrinology, 4 (MAR), art. no. Article 36, 2013, ISSN: 1664-2392.
404.	**Petkova-Kirova P., Rakovska A., Zaekova G., Ballini C., Corte L.D., Radomirov R., Vágvölgyi A., Stimulation by neurotensin of dopamine and 5-hydroxytryptamine (5-HT) release from rat prefrontal cortex: possible role of NTR1 receptors in neuropsychiatric disorders, Neurochem In., 53(6-8), 2008, 355-61**	
1908	1	Li J., Chen C., Lei X., Wang Y., Chen C., He Q., Moyzis R.K., Xue G., Zhu B., Cao Z., Dong Q.,The NTSR1 gene modulates the association between hippocampal structure and working memory performance, NeuroImage, 75, 2013, 79-86, ISSN: 1053-8119

1909	2	Ma H., Huang Y., Zhang B., Li J., Wang Y., Zhao X., Jin Q., Zhu G., Association between neurotensin receptor 1 (NTr1) gene polymorphisms and schizophrenia in a han chinese population, Journal of Molecular Neuroscience, 50 (2), 2013, 345-352. ISSN: 0895-8696
405.	**Petrov J.G., Andreeva T.D., Mohwald H., Fluorination of the hydrophilic head accelerates the collapse of the monolayer but stabilizes the bilayer of a long-chain trifluoroethyl ether on water, Langmuir, 22(9), 2006, 4136-4143.**	
1910	1	Keller R., Kwak M., de Vries J.W., Sawaryn C., Wang J., Anaya M., Müllen K., Butt H.-J., Herrmann A., Berger R., Properties of amphiphilic oligonucleotide films at the air/water interface and after film transfer, Colloids and Surfaces B: Biointerfaces, 111, 2013, 439-445
406.	**Petrov J.G., Brezesinski G., Andreeva T.D., Möhwald H., Effect of Fluorination of the Hydrophilic Heads on Morphology and Molecular Structure of Langmuir Monolayers of Long-Chain Ethers, J. Phys. Chem. B, 108, 2004, 16154-16162.**	
1911	1	Broniatowski M., Flasiński M., Wydro P., Broniatowska E., Self-organization of non-amphiphilic molecules. Studies of thin films of long-chain homologous dialkylthioethers at the water/air interface, Journal of Colloid and Interface Science, 395(1), 2013, 176-184
407.	**Petrov M., T. Ilkova, A Combined Algorithm for Multi-objective Fuzzy Optimization of Whey Fermentation, Chemical and Biochemical Engineering Quarterly, 23 (1), 153-160, 2009**	
1912		Sharma Sh., R. Gade, Multi-Objective Optimization in Chemical Engineering: Developments and Applications, Chapter 3 Multi-Objective Optimization Applications in Chemical Engineering (pages 35–102), Gade Pandu Rangaiah, Prof Adrian Bonilla-Petriciolet (Editor), ISBN: 978-1-118-34166-7, Wiley & Sons, Ltd., USA, May 2013
408.	**Peycheva, E., Daskalov, I., Tsoneva, I., Electrochemotherapy of Mycosis fungoides by interferon-α, Bioelectrochemistry 70 (2) , 2007, pp. 283-286, ISSN 1567-5394.**	
1913	1	Fernandez-Guarino, M., Emerging treatment options for early mycosis fungoides, Clinical, Cosmetic and Investigational Dermatology 6, 2013, pp. 61-69
1914	2	Spugnini, E.P., Cardillo, I., Fanciulli, M., Crispi, S., Vincenzi, B., Boccellino, M., Quagliuolo, L., Baldi, A.,Electroporation promotes HtrA1 uptake and in a mouse model of mesothelioma, Frontiers in Bioscience - Elite 5 E (3) , 2013, pp. 974-981
409.	**Pick A., H. Müller, R. Mayer, B. Haenisch, I.K. Pajeva, M. Weight, H. Bönisch, C. E. Müller, M. Wiese. Structure-Activity Relationships of Flavonoids ss Inhibitors of Breast Cancer Resistance Protein (BCRP). Bioorg Med Chem., 19(6), 2011, 2090-2102.**	
1915	1	Beretta, GL; Gatti, L; Perego, P; Zaffaroni, N. Camptothecin Resistance in Cancer: Insights into the Molecular Mechanisms of a DNA-Damaging Drug. CURRENT MEDICINAL CHEMISTRY, 20 (12):1541-1565; APR 2013
1916	2	Ekinci, D; Karagoz, L; Ekinci, D; Senturk, M; Supuran, CT. Carbonic anhydrase inhibitors: in vitro inhibition of alpha isoforms (hCA I, hCA II, bCA III, hCA IV) by flavonoids. JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, 28 (2):283-288; 10.3109/14756366.2011.643303 APR 2013.
1917	3	Gonzalez-Sarrias, A; Miguel, V; Merino, G; Lucas, R; Morales, JC; Tomas-Barberan, F; Alvarez, AI; Espin, JC. The Gut Microbiota Ellagic Acid-Derived Metabolite Urolithin A and Its Sulfate Conjugate Are Substrates for the Drug Efflux Transporter Breast Cancer Resistance Protein (ABCG2/BCRP). JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, 61 (18):4352-4359; 10.1021/jf4007505 MAY 8 2013.
1918	4	Guo, R.-X., Li, L.-G., Huo, C.-H., Li, Z., Shi, Q.-W. Semisynthesis and structure-activity relationship of O-methylated derivatives of quercetin. Chinese Traditional and Herbal Drugs, 44 (3), pp. 359-369, 2013.
1919	5	Gupta VK, Y Bhalla, V Jaitak. Impact of ABC transporters, glutathione conjugates in MDR and their modulation by flavonoids: an overview. MEDICINAL CHEMISTRY RESEARCH, May 2013, 1-15. doi: 10.1007/s00044-013-0612-6
1920	6	Kapoor K., H.M. Sim, S.V. Ambudkar. Multidrug resistance in cancer: a tale of ABC drug transporters. In: Molecular Mechanisms of Tumor Cell Resistance to Chemotherapy, Resistance to Targeted Anti-Cancer Therapeutics 1 (B. Bonavida (ed.), Springer Science+Business Media New York, 2013, pp.1-34.
1921	7	Liu, K., X Song, J He, X Zheng, H Wu. Synthetic derivatives of chrysin and their biological activities. Medicinal Chemistry Research. 2013, doi: 10.1007/s00044-013-0711-4

1922	8	Pan, YM; Chothe, PP; Swaan, PW. Identification of Novel Breast Cancer Resistance Protein (BCRP) Inhibitors by Virtual Screening. MOLECULAR PHARMACEUTICS, 10 (4):1236-1248; 10.1021/mp300547h APR 2013.
1923	9	Sedykh, A; Fourches, D; Duan, JM; Hucke, O; Garneau, M; Zhu, H; Bonneau,P; Tropsha, A. Human Intestinal Transporter Database: QSAR Modeling and Virtual Profiling of Drug Uptake, Efflux and Interactions. PHARMACEUTICAL RESEARCH, 30 (4):996-1007; 10.1007/s11095-012-0935-x APR 2013.
1924	10	Stuurman, FE; Nuijen, B; Beijnen, JH; Schellens, JHM. Oral Anticancer Drugs: Mechanisms of Low Bioavailability and Strategies for Improvement. CLINICAL PHARMACOKINETICS, 52 (6):399-414; 10.1007/s40262-013-0040-2 JUN 2013.
1925	11	Tan KW, Y Li, JW Paxton, NP Birch, A Scheepens. Identification of novel dietary phytochemicals inhibiting the efflux transporter breast cancer resistance protein (BCRP/ABCG2). FOOD CHEMISTRY, volume 138, issue 4, 2267 – 2274, 2013.
1926	12	Tang L., Y Li, WY Chen, S Zeng, LN Dong, XJ Peng, W. Jiang, M. Hu, ZQ Liu. Breast Cancer Resistance Protein-Mediated Efflux of Luteolin Glucuronides in HeLa Cells Overexpressing UDP-Glucuronosyltransferase 1A9. PHARMACEUTICAL RESEARCH, 2013, 1-14. doi: 10.1007/s11095-013-1207-0
1927	13	Xu, Y; Shen, Q; Liu, X; Lu, J; Li, S; Luo, C; Gong, L; Luo, X; Zheng, M; Jiang, H. Computational Models for Predicting Interactions with Membrane Transporters. CURRENT MEDICINAL CHEMISTRY, 20 (16):2118-2136; MAY 2013.
1928	14	Yue, RC; Li, B; Shen, YH; Zeng, HW; Li, B; Yuan, H; He, YR; Shan, L; Zhang, WD. 6-C-Methyl Flavonoids Isolated from Pinus densata Inhibit the Proliferation and Promote the Apoptosis of the HL-60 Human Promyelocytic Leukaemia Cell Line. PLANTA MEDICA, 79 (12):1024-1030; 10.1055/s-0033-1350617 AUG 2013.
1929	15	Zhou, YX; Lu, N; Zhang, HW; Wei, LB; Tao, L; Dai, QS; Zhao, L; Lin, BQ; Ding, QL; Guo, QL. HQS-3, a newly synthesized flavonoid, possesses potent anti-tumor effect in vivo and in vitro, EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, 49 (4), 649-658. 16 July 2013. http://dx.doi.org/10.1016/j.ejps.2013.04.016.
410.	**Popova A.V., Surface charge changes of thylakoid membranes subjected to a freeze-thaw cycle, Cryo-letters, 18, 1997, 231-240. ISSN – 0143-2044.**	
1930	1	Doltchinkova V., Angelova P., Ivanova E., Djilianov D., Moyankova D., Konstantinova T., Atanassov A., Surface electric charge of thylakoid membranes from genetically modified tobacco plants under freezing stress, Journal of Photochemistry and Photobiology B: Biology, 119, 2013, 22-30
411.	**Popova A.V., Busheva M.R., Cryoprotective effect of glycine betaine and glycerol is not based on a single mechanism, Cryo-Letters, 22(5), 2001, 293-298.**	
1931	1	Li T., Xu L., Li Z., Panis B., Cryopreservation of Neottopteris nidus prothallus and green globular bodies by droplet-vitrification, Cryo-Letters,34(5), 2013, 481-489
412.	**Popova A.V., Heyer A.G., Hincha D.K., Differential destabilization of membranes by tryptophan and phenylalanine during freezing: The roles of lipid composition and membrane fusion, BBA – Biomembranes, 1561 (1), 2002, 109-118. ISSN – 0005-2736.**	
1932	1	Naumowicz M., Petelska A.D., Figaszewski Z.A, Electrochemical impedance spectroscopy as a method for electrical characterization of the bilayers formed from lipid-amino acid systems, Chemistry and Physics of Lipids, 175-176, 2013, 116-122.
413.	**Popova A.V., Hincha D.K., 2003, Intermolecular interactions in dry and rehydrated pure and mixed bilayers of phosphatidylcholine and digalactosyldiacylglycerol: A fourier transform infrared spectroscopy study, Biophysical Journal 85 (3), 2003, 1682-1690. ISSN, printed - 0006-3495, electronic – 1542-0086.**	
1933	1	Borchman D., Yappert M.C., Milliner S.E., Duran D., Cox G.W., Smith R.J., Bhola R., 13C and 1H NMR ester region resonance assignments and the composition of human infant and child meibum, Experimental Eye Research, 112, 2013, 151-159
1934	2	Dianawati D., Mishra V., Shah N.P., Effect of drying methods of microencapsulated Lactobacillus acidophilus and Lactococcus lactis ssp. cremoris on secondary protein structure and glass transition temperature as studied by Fourier transform infrared and differential scanning calorimetry, Journal of Dairy Science, 96 (3), 2013, 1419-1430.

1935	3	Foulks G.N., Borchman D., Yappert M., Kakar S., Topical azithromycin and oral doxycycline therapy of meibomian gland dysfunction: A comparative clinical and spectroscopic pilot study, Cornea 32 (1), 2013, 44-53.
1936	4	Gandhi A., Shah N.,P., Effects of salt concentration and pH on structural and functional properties of Lactobacillus acidophilus: FT-IR spectroscopic analysis, International Journal of Food Microbiology, Available online 26 December 2013, 2013
1937	5	Hielscher R., Hellwig P., Specific far infrared spectroscopic properties of phospholipids, Advances in Biomedical Spectroscopy, 7, 2013, 53-59.
1938	6	Sarker N.H., Barnaby S.N., Dowdell A.P., Nakatsuka N., Banerjee I.A., Biomimetic formation of Pd and Au-Pd nanocomposites and their catalytic applications, Soft Materials, 11 (4), 2013, 403-413.
1939	7	Wang D., Li H., Gu J., Guo T., Yang S., Guo Z., Zhang X., Zhu W., Zhang J., Ternary system of dihydroartemisinin with hydroxypropyl-β-cyclodextrin and lecithin: Simultaneous enhancement of drug solubility and stability in aqueous solutions, Journal of Pharmaceutical and Biomedical Analysis, 83, 2013, 141-148.
414.	**Popova AV, Hincha DK, 2004, Specific interactions of tryptophan with phosphatidylcholine and digalactosyldiacylglycerol in pure and mixed bilayers in the dry and hydrated state, Chemistry and Physics of Lipids, 2004, 132, 171-184, ISSN – 0009-3084.**	
1940	1	Julieta F.R.M., Macarena S., Daniela I., Jimena P.M., Del Valle A.S., Silvia S.N., Lipid-Polymer Membranes as Carriers for L-Tryptophan: Molecular and Metabolic Properties, Open Journal of Medicinal Chemistry, 3, 2013, 31-39
1941	2	Lebe A. Nnanna L.A., Nwadiuko O.C., Nwosu F.O., DimojiD.O., Mejeh K.I., Uvaria chamea root as green corrosion inhibitor for mild steel in acidic solution, African Journal of Pure and Applied Chemistry, 7 (8), 2013, 302-309.
415.	**Popova A.V., Hincha D.K., 2007, Effects of cholesterol on dry bilayers: Interactions between phosphatidylcholine unsaturation and glycolipid or free sugar, Biophysical Journal, 93 (4), 2007, 1204-1214. ISSN, printed 0006-3495, electronic – 1542-0086**	
1942	1	Dianawati D., Mishra V., Shah N.P., Effect of drying methods of microencapsulated Lactobacillus acidophilus and Lactococcus lactis ssp. cremoris on secondary protein structure and glass transition temperature as studied by Fourier transform infrared and differential scanning calorimetry, Journal of Dairy Science, 96 (3), 2013, 1419-1430.
416.	**Popova A.V., Hincha D.K., 2011, Thermotropic phase behaviour of the non-bilayer lipids phosphatydilethanolamine and monogalactosyldiacylglycerol in the dry state, BMC Biophysics, 4:11. ISSN – 2046-1682**	
1943	1	Abeysekara S., Damiran D., Yu P., Univariate and multivariate molecular spectral analyses of lipid related molecular structural components in relation to nutrient profile in feed and food mixture, Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 102, 2013, 432-442.
1944	2	Filippova S.N., Surgucheva N.A., Ermakova E.V., Kiselev, M.A., Terekhova L.P., Sineva, O.N., Galatenko O.A., Zabelin A.V., Gal'chenko V.F., Structural organization and phase behavior of phospholipid fractions of actinobacteria in relation to storage conditions, Microbiology (Russian Federation) 82 (3), 2013, 327-334
417.	**Popova A.V., Hundertmark M., Seckler R., Hincha D.K., Structural transitions in the intrinsically disordered plant dehydration stress protein LEA7 upon drying are modulated by the presence of membranes, BBA-Biomembranes, 1808, 2011, 1879-1887. ISSN – 0005-2736**	
1945	1	Marunde M.R., Samarajeewa D.A., Anderson J., Li S., Hand S.C., Menze M.A., Improved tolerance to salt and water stress in Drosophila melanogaster cells conferred by late embryogenesis abundant protein, Journal of Insect Physiology, 59 (4), 2013, 377-386.
1946	2	Matsumura K., Hayashi F., Nagashima T., Hyon S.H., Long-term cryopreservation of human mesenchymal stem cells using carboxylated poly-l-lysine without the addition of proteins or dimethyl sulfoxide, Journal of Biomaterials Science, Polymer Edition, 24 (12), 2013, 1484-1497.
1947	3	Sun X., Rikkerink E.H.A., Jones W.T., Uversky V.N., Multifarious Roles of Intrinsic Disorder in Proteins Illustrate Its Broad Impact on Plant Biology, The Plant Cell, 25 (1), 2013, 38-55.
1948	4	Wyatt T.T., Wösten H.A.B., Dijksterhuis J., Fungal spores for dispersion in space and time, Advances in Applied Microbiology, 85, 2013, 42-91.

418.	**Popova A.V., Velitchkova M., Zanev Y., Effect of membrane fluidity on photosynthetic oxygen production reactions, Zeitschrift fur Naturforschung C, Journal of Biosciences, 62 (3-4), 2007, 253-260. ISSN – 0939-5075**	
1949	1	Los D.A., Mironov K.S., Allakhverdiev S.I., Regulatory role of membrane fluidity in gene expression and physiological functions, Photosynthesis Research, 116, (2-3), 2013, 489-509
419.	**Pouchkina-Stantcheva N.N., McGee B.M., Boschetti C., Tolleter D., Chakrabortee S., Popova A.V., Meersman F., Macherel D., Hincha D.K., Tunnacliffe A., Functional Divergence of Former Alleles in an Ancient Asexual Invertebrate, Science, 318, 2007, 268-271.**	
1950	1	Bhardwaj R., Sharma I, Kanwar M, Sharma S, Handa N, Kaur H. Kapoor D, Poonam, LEA proteins in salt stress tolerance, in: Salt stress plants: Signalling, Omics and Adaptations, Springer Science and Busimess Media New York, 2013, 79-112.
1951	2	Boswell L. C., Moore D.S., Hand S.C., Quantification of cellular protein expression and molecular features of group 3 LEA proteins from embryos of Artemia franciscana, Cell Stress and Chaperones, DOI 10.1007/s12192-013-0458-3, 2013
1952	3	Fischer C., Insights into the maintenance and consequences of asexual reproduction n rotifer, PhD thesis, University of Olclunburg, Faculty of Mathematics and Sciences, Department of Biology and Environmental Sciences, Germany, 2013
1953	4	Gioti A., Stajich J.E., Johannesson H., 2013, Neurospora and the dead-end hypothesis: Genomic consequences of selfing in the model genus, Evolution, 67 (12) 3600-3616.
1954	5	Natarajan S.S., Krishnan H.B., Khan F., Chen X., Garrett W.M., Lakshman D., Analysis of Soybean Embryonic Axis Proteins by Two-Dimensional Gel Electrophoresis and Mass Spectrometry, Journal of Basic and Applied Sciences, 9, 2013, 309-332.
1955	6	Pellino M., Hojsgaard D., Schmutzer T., Scholz U., Hörandl E., Vogel H., Sharbel T.F., Asexual genome evolution in the apomictic Ranunculus auricomus complex: Examining the effects of hybridization and mutation accumulation, Molecular Ecology, 22 (23), 2013, 5908-5921.
1956	7	Qi J., Zheng N., Zhang B., Sun P., Hu S., Xu W., Ma Q., Zhao T., Zhou L., Qin M., Li X., Mining genes involved in the stratification of Paris Polyphylla seeds using high-throughput embryo Transcriptome sequencing, BMC Genomics, 14 (1), 2013, Article number 358.
1957	8	Wu X., Scali M., Faleri C., Wang W., 2013, Polyclonal antibody preparation and immunolocalization of maize (zea mays) seed protein EMB564, Plant OMICS, 6 (5), 359-363
420.	**Radicheva N., Mileva K., Vukova T., Georgieva B., Kristev I., Effect of microwave electromagnetoc field on skeletal muscle fibre activity, Arch Physiol Biochem 110 (3), 2002, 203-214.**	
1958	1	Ramadan W., Khachfe H., Sabra L., Saleh K., Baccouri M., ElSayed M.M., Ismail L., Esteve E., Joumaa W.H., Effect of GSM Electromagnetic Waves on the Activity, Morphology, and Structure of Skeletal Muscles. ThinkMind, GLOBAL HEALTH 2013, The Second International Conference on Global Health Challenges, 2013, 17 – 22, ISBN: 978-1-61208-314-8
421.	**Raikova R. (1992) A General Approach for Modelling and Mathematical Investigation of the Human Upper Limb. J Biomech., 25(8), 1992, 857-867**	
1959	1	Carmichael M. G. A Musculoskeletal Model-Based Assistance-Is-Needed Paradigm for Assistive Robotics. Ph.D. Thesis. University of Technology, The Faculty of Engineering and Information Technology Mechatronics and Intelligent Systems Group, Sidney. (2013) http://epress.lib.uts.edu.au/research/bitstream/handle/10453/24075/02whole.pdf?sequence=2.
1960	2	Krüger M. Motor Variability as a Characteristic of the Control of Reaching Movements: Influence of Sensory Input and Task Constraints. Dissertation at the Graduate School of Systemic Neurosciences, Ludwig–Maximilians–Universität München, 2013.
1961	3	Parmar D., M. Nagarsheth, H. Nagarsheth. Modeling of Artificial Human Upper Limb. Natl J Physiol Pharm Pharmacol., 3(1), 2013, 21-26.
422.	**Raikova R. (1996) A Model of the Flexion-Extension Motion in the Elbow Joint. Some Problems Concerning Muscle Forces Modelling and Computation. J Biomech., 29(6), 1996, 763-772.**	
1962	1	Arslan Y.Z., A. Jinha, M. Kaya, W. Herzog. Prediction of Muscle Forces Using Static Optimization for Different Contactile Conditions. Journal of Mechanics in Medicine and Biology, 13 (3), 2013, art. no. 1350022

1963	2	Prinold J.A.I., M. Masjedi, A. Johnson. Musculoskeletal Shoulder Models: a Technical Review and Proposals for Research Foci. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, vol. 227 no. 10, 2013, 1041-1057.
1964	3	Vahdat I., S. Zeun, F.T. Qomshe, M. Rostamo, S. Mehr, I. Abdollahi. Viscoelastic Properties of Passive Torque at Extension and Flexion of the Human Elbow Joint. Razi Journal of Medical Sciences, Vol. 20, No. 110, 2013, 36-48.
423.	**Raikova R. (1999)About Weight Factors in the Non-Linear Objective Functions Used for Solving Indeterminate Problems in Biomechanics. Journal of Biomechanics, 32 (7), 1999, 689-694.**	
1965	1	El Ouaaid Z., A. Shirazi-Adl, N. Arjmand, A. Plamondon A. Coupled Objective Function to Study the Role of Abdominal Muscle Forces in Lifting using the Kinematics-Driven Model. Computer Methods in Biomechanics and Biomedical Engineering, 16 (1), 2013, 54-65.
1966	2	Stephens S. A Comparative Study of Tendinous Interconnection in the Forearm and Hand of Human Cadavers and Live Subjects. Department of Anatomy School of Biosciences Cardiff University Ph.D. thesis http://orca-mwe.cf.ac.uk/48747/1/2013shibystephens.pdf.pdf, 2013.
424.	**Raikova R. (2001) Investigation of the Peculiarities of Two-Joint Muscles Using a 3DOF Model of the Human Upper Limb in the Sagittal Plane: An Optimization Approach. Computer Method in Biomechanics and Biomedical Engineering, 4, 2001, 463-490**	
1967	1	Wojnicz У., E. Wittbrodt. Modelling of Planar Movement Dynamics of Upper Limb. In: Dynamical Systems. Applications (EDITORS: J. Awrejcewicz, M. Kaźmierczak, P. Olejnik, J. Mrozowski), Łódź, December 2-5, 2013 POLAND, pp. 305-318.
425.	**Raikova R. T. Investigation of the Influence of the Elbow Joint Reaction on the Predicted Muscle Forces Using Different Optimization Function. J. Musculoskelet. Res., 12(1), 2009, 31-43.**	
1968	1	Heidari, M., M.R.A Kadir, J. Kashani, A. Fallahiarezoodar, M. Alizadeh, N. Robson, T.Kamarul, M.N. Harun. Influences of Rheumatoid Arthritis on Elbow: A Finite Element Analysis. Advanced Science Letters 19 (11) , 2013, 3219-3222.
1969	2	Moissenet F., L. Chèze, R. Dumas. A 3D Lower Limb Musculoskeletal Model for Simultaneous Estimation of Musculotendon, Joint Contact, Ligament and Bone Forces During Gait. Journal of Biomechanics, 2013, http://dx.doi.org/10.1016/j.jbiomech.2013.10.015
426.	**Raikova R.T., H.Ts., Aladjov. (2002) Hierarchical Genetic Algorithm Versus Static Optimization-Investigation of Elbow Flexion and Extension Movements. J Biomech., 35(8), 2002, 1123-1135.**	
1970	1	Contessa P., C. De Luca C. Neural Control Of Muscle Force: Indications From A Simulation Model. J Neurophysiol ,109, 2013, 1548–1570
1971	2	Prinold J. A., M. Masjedi, G.R. Johnson, A.M. Bull. Musculoskeletal Shoulder Models: A Technical Review and Proposals for Research Foci. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 227(10), 2013,1041-1057.
1972	3	Sánchez D., P. Melin, O. Castillo, F. Valdez. Modular Neural Networks Optimization with Hierarchical Genetic Algorithms with Fuzzy Response Integration for Pattern Recognition. In: Advances in Computational Intelligence, Springer Berlin Heidelberg, 2013, 247-258.
427.	**Raikova R.T., H.Ts Aladjov. The Influence of the Way the Muscle Force Is Modeled on the Predicted Results Obtained by Solving Indeterminate Problems for a Fast Elbow Flexion. Computer Methods in Biomechanics and Biomedical Engineering, 6, 2003, 181-196.**	
1973	1	Arslan Y.Z., A. Jinha, M. Kaya, W. Herzog. Prediction of Muscle Forces Using Static Optimization for Different Contractile Conditions. Journal of Mechanics in Medicine and Biology, 13 (3), 2013, art. no. 1350022.
428.	**Raikova R. T. , H. Ts. Aladjov. (2005) Comparison between Two Models under Dynamic Conditions. Computers in Biology and Medicine, 35 (5), 2005, 373-387.**	
1974	1	Contessa P., C. De Luca. Neural Control of Muscle Force: Indications from a Simulation Model. J Neurophysiol ,109, 2013, 1548–1570.
1975	2	Martelli S., D. Calvetti, E.Somersalo, M.Viceconti, F. Taddei F. Computational Tools for Calculating Alternative Muscle Force Patterns During Motion: A Comparison of Possible Solutions. Journal of Biomechanics, 46, 2013, 2097-2100.

429.	**Raikova R.T., D.A. Gabriel, H.Ts Aladjov. Experimental and Modelling Investigation of Learning a Fast Elbow Flexion in the Horizontal Plane. Journal of Biomechanics, 8(10), 2005, 2070-2077.**	
1976	1	Martelli S., D. Calvetti, E.Somersalo, M.Viceconti, F. Taddei F. Computational Tools for Calculating Alternative Muscle Force Patterns During Motion: A Comparison of Possible Solutions. Journal of Biomechanics, 46, 2013, 2097-2100.
430.	**Raikova R., P. Krutki, H. Aladjov, J. Celichowski. Variability of the Twitch Parameters of the Rat Medial Gastrocnemius Motor Units-Experimental and Modeling Study. Computers in Biology and Medicine, 37 (11) , 2007, 1572-1581.**	
1977	1	More H.L., S.M. O'Connor, E. Brøndum, T. Wang, M.F. Bertelsen, C. Grøndahl , K. Kastberg, J.M. Donelan. Sensorimotor responsiveness and resolution in the giraffe. Journal of Experimental Biology, 216 (6) , 2013, 1003-1011.
1978	2	More H. L., M. Shawn, O. Connor, E. Brøndum, T. Wang, M. F. Bertelsen, C. Grøndahl, K. Kastberg, A. Hørlyck, J. Funder, J. M.Donelan. Sensorimotor Responsiveness and Resolution in the Giraffe. The Journal of Experimental Biology, 216, 2013, 1003-1011.
431.	**Raikova R.T., B.I. Prilutsky. Sensitivity of Predicted Muscle Forces to Parameters of the Optimization-Based Human Leg Model Revealed by Analytical and Numerical Analyses, J Biomech., 34(10), 2001, 1243-1255.**	
1979	1	El Ouaaid Z., A. Shirazi-Adl, N. Arjmand, A. Plamondon. Coupled Objective Function to Study the Role of Abdominal Muscle Forces in Lifting using the Kinematics-Driven Model. Computer Methods in Biomechanics and Biomedical Engineering, 16 (1) , 2013, 54-65
1980	2	Ravera E.P., P. Catalfamo, M. Crespo, A.A. Braidot. Modelo Músculo-Esquelético Para Obtener Fuerzas Musculares Individuales. IFMBE Proceedings 33 IFMBE , 2013, 245-248.
1981	3	Sanford B., J. Williams, A. Zucker-Levin, W.Mihalko. Tibiofemoral Joint Forces During the Stance Phase of Gait after ACL Reconstruction. Open Journal of Biophysics, Vol. 3, No. 4, 2013, 277-284
1982	4	Toosizadeh N. Time-dependent assessment of the human lumbar spine in response to flexion exposures: in vivo measurement and modeling , Ph.D thesis. , Blacksburg, Virginia, 2013, http://vtechworks.lib.vt.edu/bitstream/handle/10919/19274/Toosizadeh_N_D_ 2013.pdf?sequence=1
1983	5	Wagner D.W. , V. Stepanyan, J.M. Shippen, M.S. Demers, R.S. Gibbons, B.J. Andrews, G.H. Creasey, G.S.Beaupre. Consistency Among Musculoskeletal Models: Caveat Utilitor. Annals of Biomedical Engineering, Volume 41, Issue 8, 2013, 1787-1799.
432.	**Rangasamy, P, S. Hadjitodorov, K Atanassov, P. Vassilev, Model of an Intuitionistic Fuzzy Clustering Technique for Biomedical Data. Biotechnology & Biotechnological Equipment, Vol. 26 , 2012 Issue 5, 3306-3309 .**	
1984	1	Liu, F. Time-Lagged Co-Expression Gene Analysis Based On Biclustering Technology, Biotechnology & Biotechnological Equipment Volume: 27 AUG 2013, Issue: 4 pp 4031-4039
433.	**Rashkov G.D., Dobrikova A.G, Pouneva I.D, Misra A. N, Apostolova E.L. (2012) Sensitivity of Chlorella vulgaris to herbicides. Possibility of using it as a biological receptor in biosensors, Sensors & Actuators: B. Chemical, 161, 2012, 151-155, ISSN: 0925-4005**	
1985	1	Zhang W., Xiong B., Chen L., Lin K., Cui X., Bi H., Guo M., Wang, W. (2013) Toxicity assessment of Chlorella vulgaris and Chlorella protothecoides following exposure to Pb(II), Environmental Toxicology and Pharmacology , 36, 2013, 51-57
434.	**Roeva, O. A comparison of simulated annealing and genetic algorithm approaches for cultivation model identification. Monte Carlo Methods and Applications. Amsterdam: De Grutyer Publishing, 2013.**	
1986	1	Pencheva T., M. Angelova, K. Atanassov. Genetic Algorithms Quality Assessment Implementing Intuitionistic Fuzzy Logic, Chapter 10 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 200-233, Release Date: August, 2013.

435.	**Roeva O., A Modification of Simple Genetic Algorithms. In: International Symposium "Bioprocess Systems 2005 - BioPS'05", Sofia, Bulgaria, October 25-26, 2005, I.1-I.14.**	
1987	1	Kosev K. Application of Functional State Modelling Approach, LAP Lambert Academic Publishing AG & Co. KG, 2013, ISBN-13: 9783659407239
436.	**Roeva O., A Modified Genetic Algorithm for a Parameter Identification of Fermentation Processes, Biotechnology and Biotechnological Equipment, 20(1), 2006, 202-209.**	
1988	1	Kosev K. Application of Functional State Modelling Approach, LAP Lambert Academic Publishing AG & Co. KG, 2013, ISBN-13: 9783659407239
1989	2	Pencheva T., M. Angelova, K. Atanassov. Genetic Algorithms Quality Assessment Implementing Intuitionistic Fuzzy Logic, Chapter 10 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 200-233, Release Date: August, 2013.
1990	3	Rajinikanth V., K. Latha, N. Sri Madhava Raja. Model Parameter Estimation Procedure for a Class of Dynamic Systems using Firefly Algorithm, International Journal of Computational Intelligence Research, Vol. 9, No 2, 2013, pp. 101-114. ISSN 0973-1873.
1991	4	Sheikhan M., S. A. Ghoreishi. Antiviral therapy using a fuzzy controller optimized by modified evolutionary algorithms: A comparative study, Neural Computing and Applications, Volume 23, Issue 6, November 2013, Pages 1801-1813.
1992	5	Sheta A., R. Hiary, H. Faris, N. Ghatasheh. Optimizing Thermostable Enzymes Production Using Multigene Symbolic Regression Genetic Programming, World Applied Sciences Journal, 22(4), 485-493, 2013
437.	**Roeva O. Application of Genetic Algorithms in Fermentation Process Identification, Journal of the Bulgarian Academy of Sciences, CXVI(3), 2003, 39-43.**	
1993	1	Kosev K. Application of Functional State Modelling Approach, LAP Lambert Academic Publishing AG & Co. KG, 2013, ISBN-13: 9783659407239
438.	**Roeva O. Generalized Net Model of Oxygen Control System using Intuitionistic Fuzzy Logic, Proceedings of the 1st International Workshop on Intuitionistic Fuzzy Sets, Generalized Nets and Knowledge Engineering, University of Westminister, London, UK, 6-7 September 2006, 49-55**	
1994	1	Димитров Д. Програмен аспект на теорията на обобщените мрежи – оптимизация на алгоритми за изпълнение, оператори за модификация на модели и приложения, Дисертационен труд, Софийски университет „Св. Климент Охридски", 2013
439.	**Roeva O., Genetic Algorithms for a Parameter Estimation of a Fermentation Process Model: A Comparison, Int J Bioautomation, 3, 2005, 19-28**	
1995	1	Kosev K. Application of Functional State Modelling Approach, LAP Lambert Academic Publishing AG & Co. KG, 2013, ISBN-13: 9783659407239
1996	2	Pencheva T., M. Angelova, K. Atanassov. Genetic Algorithms Quality Assessment Implementing Intuitionistic Fuzzy Logic, Chapter 10 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 200-233, Release Date: August, 2013
1997	3	Rajinikanth V., K. Latha, N. Sri Madhava Raja. Model Parameter Estimation Procedure for a Class of Dynamic Systems using Firefly Algorithm, International Journal of Computational Intelligence Research, Vol. 9, No 2, 2013, pp. 101-114. ISSN 0973-1873.
1998	4	Zhang L., N. Wang. A modified DNA genetic algorithm for parameter estimation of the 2-Chlorophenol oxidation in supercritical water, Applied Mathematical Modelling, 2013, 37(3), 1137-1146.
440.	**Roeva, O. Genetic algorithms for static optimisation of fed-batch fermentation processes. Contemporary Approaches to Modelling, Optimisation and Control of Biotechnological Processes. Sofia, Bulgaria: Martin Drinov Academic Publishing House, 2010.**	
1999	1	Pencheva T., M. Angelova, K. Atanassov. Genetic Algorithms Quality Assessment Implementing Intuitionistic Fuzzy Logic, Chapter 10 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 200-233, Release Date: August, 2013

441.	**Roeva O. Improvement of Genetic Algorithm Performance for Identification of Cultivation Process Models, Advanced Topics on Evolutionary Computing, Book Series: Artificial Intelligence Series - WSEAS, 2008, 34-39.**	
2000	1	Pencheva T., M. Angelova, K. Atanassov. Genetic Algorithms Quality Assessment Implementing Intuitionistic Fuzzy Logic, Chapter 10 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 200-233, Release Date: August, 2013.
2001	2	Abidin D. Analysis of a rule-based curriculum plan optimization system with Spearman rank correlation, Turkish Journal of Electrical Engineering & Computer Sciences, doi:10.3906/elk-1204-14, pp. 1-10.
442.	**Roeva O., Optimization of E. coli cultivation model parameters using firefly algorithm, International Journal of Bioautomation, 16 (2012), pp. 23-32.**	
2002	1	Fister I., I. Fister Jr., X.-S. Yang, J. Brest. A comprehensive review of firefly algorithms, Swarm and Evolutionary Computation, Available online 24 June 2013, ISSN 2210-6502, http://dx.doi.org/10.1016/j.swevo.2013.06.001.
2003	2	Kanimozhi T., K. Latha. A meta-heuristic optimization approach for content based image retrieval using relevance feedback method, Lecture Notes in Engineering and Computer Science, Volume 2 LNECS, 2013, Pages 775-780, 2013 World Congress on Engineering, WCE 2013; London; United Kingdom; 3 July 2013 through 5 July 2013; Code 100983
2004	3	Kanimozhi T., K. Latha. Stochastic firefly for image optimization, 2nd International Conference on Communication and Signal Processing, ICCSP 2013 - Proceedings, 2013, Melmaruvathur, Tamilnadu; India; 3-5 April 2013, Article number6577123, Pages 592-596.
2005	4	Димитров Д. Програмен аспект на теорията на обобщените мрежи – оптимизация на алгоритми за изпълнение, оператори за модификация на модели и приложения, Дисертационен труд, Софийски университет „Св. Климент Охридски”, 2013.
443.	**Roeva O. (2008). Parameter Estimation of a Monod-type Model based on Genetic Algorithms and Sensitivity Analysis, Lecture Notes on Computer Science, Springer, 4818, 601-608.**	
2006	1	Димитров Д. Програмен аспект на теорията на обобщените мрежи – оптимизация на алгоритми за изпълнение, оператори за модификация на модели и приложения, Дисертационен труд, Софийски университет „Св. Климент Охридски”, 2013.
444.	**Roeva O., S. Fidanova, Chapter 13. A Comparison of Genetic Algorithms and Ant Colony Optimization for Modeling of E. coli Cultivation Process, In book " Real-World Application of Genetic Algorithms ", In Tech, 2012, 261-282.**	
2007	1	Gupta N., H. Balaga, D. N. Vishwakarma. Numerical Differential Protection of Power Transformer using GA Trained ANN, International Journal of Emerging Trends in Electrical and Electronics (IJETEE), Vol. 3, Issue.1, May-2013, 1-7, ISSN: 2320-9569.
2008	2	Pencheva T., M. Angelova, K. Atanassov. Genetic Algorithms Quality Assessment Implementing Intuitionistic Fuzzy Logic, Chapter 10 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 200-233, Release Date: August, 2013
2009	3	Cirstea C., R. Davidescu, A. Jianu. Optimum communication paths for mobile WSNs using genetic algorithms, 2013 36th International Conference on Telecommunications and Signal Processing, TSP 2013, Article number 6613940, Pages 299-303.
2010	4	Spirov A., D. Holloway. Using evolutionary computations to understand the design and evolution of gene and cell regulatory networks, Methods 62 (2013) 39–55.
445.	**Roeva O., T. Pencheva. Generalized Net for Control of Temperature in Fermentation Processes, Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Wydawnictwo WSISiZ, Warszawa, 4, 2007, 49-58.**	
2011	1	Димитров Д. Програмен аспект на теорията на обобщените мрежи – оптимизация на алгоритми за изпълнение, оператори за модификация на модели и приложения, Дисертационен труд, Софийски университет „Св. Климент Охридски”, 2013
446.	**Roeva O., Pencheva, T., Generalized Net Model of Brevibacterium flavul 22LD Fermentation Process, Int J Bioautomation, 2, 2005, 17-23**	
2012	1	Georgieva V. Generalized Net Model of the Process of Fresh Water Treatment, Issues in IFS and GNs, Vol. 11, 2013, 55–64

447.	**Roeva O., T. Pencheva, K. Atanassov, A. Shannon, Generalized Net Model of Selection Operator of Genetic Algorithms, 2010 IEEE International Conference on Intelligent Systems (IS 2010), July 7-9, 2010, University of Westminster, London, UK, 286-289.**	
2013	1	Reiser R. H. S., B. Bedregal. K-Operators: An Approach to the Generation of Interval-valued Fuzzy Implications from Fuzzy Implications and Vice versa, Information Sciences, 2013, http://dx.doi.org/10.1016/j.ins.2012.12.047.
448.	**Roeva O., T. Pencheva, Y. Georgieva, B. Hitzmann, S. Tzonkov, Implementation of Functional State Approach for Modelling of Escherichia coli Fed-batch Cultivation, Biotechnology and Biotechnological Equipment, 2004, 18(3), 207-214.**	
2014	1	Kosev K. Application of Functional State Modelling Approach, LAP Lambert Academic Publishing AG & Co. KG, 2013, ISBN-13: 9783659407239
449.	**Roeva O, Pencheva T, Hitzmann B, Tzonkov St., A Genetic Algorithms Based Approach for Identification of Escherichia coli Fed-batch Fermentation, Int J Bioautomation, 1, 2004, 30-41**	
2015	1	Dai W., J. Hahn. Computing Optimal Operating Condition Profiles for Fed-Batch Fermentation of Fuel-Grade Ethanol, 2013 European Control Conference (ECC), July 17-19, 2013, Zürich, Switzerland, 3943-3948.
2016	2	Dai W., D. Word, J. Hahn. Modeling and Dynamic Optimization of Fuel-Grade Ethanol Fermentation Using Fed-Batch Process, Control Engineering Practice, Available online 22 February 2013
2017	3	Kosev K. Application of Functional State Modelling Approach, LAP Lambert Academic Publishing AG & Co. KG, 2013, ISBN-13: 9783659407239
450.	**Roeva, O., T. Pencheva, P. Melo-Pinto, A Survey of Generalized Nets Implementation for Modelling in Ecology, Chapter 6 in: A Survey of Generalized Nets, E. Choy, M. Krawczak, A. Shannon, E. Szmidt (Eds.), Raffles KvB Monograph №10, Raffles KvB Institute Pty Ltd, North Sydney, Australia, 2007, 166-197.**	
2018	1	Georgieva V. Generalized Net Model of the Process of Fresh Water Treatment, Issues in IFS and GNs, Vol. 11, 2013, 55–64
451.	**Roeva O., T. Pencheva, St. Tzonkov. Functional State Approach to Modelling of Escherichia coli Fed-batch Cultivation: An Analysis. – In: International Symposium "Bioprocess Systems 2005 – BioPS'05", Sofia, Bulgaria, 25-26.X.2005, I.29-I.36**	
2019	1	Kosev K. Application of Functional State Modelling Approach, LAP Lambert Academic Publishing AG & Co. KG, 2013, ISBN-13: 9783659407239
452.	**Roeva O., T. Pencheva, St. Tzonkov. Generalized Net for Proportional-Integral-Derivative Controller, In Book Series "Challenging Problems of Sciences" - Computer Sciences, 2008, 241-247**	
2020	1	Димитров Д. Програмен аспект на теорията на обобщените мрежи – оптимизация на алгоритми за изпълнение, оператори за модификация на модели и приложения, Дисертационен труд, Софийски университет „Св. Климент Охридски", 2013
453.	**Roeva O., T. Pencheva, St. Tzonkov, Arndt M., B. Hitzmann, Kleist S., Miksch G., Friehs K., Flaschel E., Multiple Model Approach to Modelling of Escherichia coli Fed-batch Cultivation Extracellular Production of a Bacterial Phytase, Electronic Journal of Biotechnology, 2007, , 10(4), 592-603.**	
2021	1	Gheorghe M., I. Luta. Structured cell simulator coupled with a fluidized bed bioreactor model to predict the adaptive mercury uptake by E. coli cells, Computers & Chemical Engineering, Available online 25 June 2013, ISSN 0098-1354, http://dx.doi.org/10.1016/j.compchemeng.2013.06.004.
454.	**Roeva O., T. Pencheva, U. Viesturs, S. Tzonkov, Modelling of Fermentation Processes based on State Decomposition, Int J Bioautomation, 5, 2006, 1-12.**	
2022	1	Kosev K. Application of Functional State Modelling Approach, LAP Lambert Academic Publishing AG & Co. KG, 2013, ISBN-13: 9783659407239

455.	**Roeva O., Tsonyo Slavov, A New Hybrid GA-FA Tuning of PID Controller for Glucose Concentration Control, Recent Advances in Computational Optimization Studies in Computational Intelligence, 2013, Vol. 470, pp 155-168.**	
2023	1	Raja N. S. M., K. S. Manic, V. Rajinikanth. Firefly Algorithm with Various Randomization Parameters: An Analysis, In proceedings of Swarm, Evolutionary, Memetic Computing Conference (SEMCCO 2013), LNCS – Springer, Dec 2013
2024	2	Rajinikanth V., K. Latha, N. S. M. Raja. Model Parameter Estimation Procedure for a Class of Dynamic Systems using Firefly Algorithm, International Journal of Computational Intelligence Research, Vol. 9, No 2, 2013, pp. 101-114. ISSN 0973-1873
2025	3	Saravanan M., K. S. Manic, K. U. Suresh. BFO Algorithm Based PID Controller Design for Uncertain Biochemical Reactor, In proceedings of IEEE International Conference on Human Computer Interactions (ICHCI'13), Aug 2013.
456.	**Roeva O., Ts. Slavov, Fed-batch Cultivation Control based on Genetic Algorithm PID Controller Tuning, Lecture Notes on Computer Science, Springer-Verlag Berlin Heidelberg, 6046, 2011, 289-296.**	
2026	1	Saravanan M., K. S. Manic, K. U. Suresh. BFO Algorithm Based PID Controller Design for Uncertain Biochemical Reactor, In proceedings of IEEE International Conference on Human Computer Interactions (ICHCI'13), Aug 2013.
2027	2	Stanke M., B. Hitzmann. Automatic Control of Bioprocesses, Advances in Biochemical Engineering Biotechnology, 2012, Springer Berlin Heidelberg, DOI 10.1007/10_2012_167, Volume 132, 2013, Pages 35-63.
457.	**Roeva O., T. Slavov, Firefly algorithm tuning of PID controller for glucose concentration control during E. coli fed-batch cultivation process, in: Proceedings of the Federated Conference on Computer Science and Information Systems, IEEE, 2012, pp. 455–462.**	
2028	1	Fister I., I. Fister Jr., X.-S. Yang, J. Brest. A comprehensive review of firefly algorithms, Swarm and Evolutionary Computation, Available online 24 June 2013, ISSN 2210-6502, http://dx.doi.org/10.1016/j.swevo.2013.06.001
2029	2	Raja N. S. M., K. S. Manic, V. Rajinikanth. Firefly Algorithm with Various Randomization Parameters: An Analysis, In proceedings of Swarm, Evolutionary, Memetic Computing Conference (SEMCCO 2013), LNCS – Springer, Dec 2013
2030	3	Rajinikanth V., K. Latha, N. S. M. Raja. Model Parameter Estimation Procedure for a Class of Dynamic Systems using Firefly Algorithm, International Journal of Computational Intelligence Research, Vol. 9, No 2, 2013, pp. 101-114. ISSN 0973-1873
458.	**Roeva O., Ts. Slavov, PID Controller Tuning based on Metaheuristic Algorithms for Bioprocess Control, Biotechnology and Biotechnological Equipment, 26(5), 2012, 3267-3277. ISSN 1310-2818.**	
2031	1	Wu X. G., R. X. Liu, N. N. Ding. Genetic Algorithm Tuning PID Control of Magnetic Powder Clutch, Advanced Materials Research, 2013, 2216-2222, doi: 10.4028/www.scientific.net/AMR.712-715.2216
2032	2	Saravanan M., K. S. Manic, K. U. Suresh. BFO Algorithm Based PID Controller Design for Uncertain Biochemical Reactor, In proceedings of IEEE International Conference on Human Computer Interactions (ICHCI'13), Aug 2013.
459.	**Rollnik J.D., Wüstefeld S., Däuper J., Karst M., Fink M., Kossev A., Dengler R., Eur. Neurol., 48, 2002, 6-10, ISSN: 00143022**	
2033	1	Cheng-Ta Li, Tung-Ping Su, Jen-Chuen Hsieh, Shung-Tai Ho, Acta Anaesthesiol Taiwan, 51(2), 2013, 81-87, ISSN: 1875-4597; eISSN: 1875-452X
2034	2	El-Habashy H.R., Abou Mousa A.M., El-Fayoumy N.M., Mourad H.S., El-Kholy M.M., Egiptpan J. Neurol. Psychiatry Neurosurg., 50(3), 2013, 227-234, ISSN: 1110-1083; E-ISSN: 1687-8329
2035	3	Fricová J, Klírová M, Masopust V, Novák T, Vérebová K, Rokyta R (2013) Physiol. Res, 62(1):S125-S134.
2036	4	George M.S., Taylor J.J., Short E.B., Current Opinion in Psychiatry, 26(1), 2013, 13-18, ISSN: 0951-7367
2037	5	Hosomi K., Shimokawa T., Ikoma K., Nakamura Y., Sugiyama K., Ugawa Y., Uozumi T., Yamamoto T., Saitoh Y., Pain, 154(7), 2013, 1065-1072, ISSN: 0304-3959

2038	6	Ibrahim Seada Y., Nofel R., Mahmoud Sayed H., J. Physical Therapy Sci., 25(8), 2013, 911-914, ISSN: 0915-5287
2039	7	Knotkova H, Nitsche MA (2013) Journal of The Analgesics, 1(2): 38-50.
2040	8	Lefaucheur J-P., Handbook of Clinical Neurology (Chapter 35 – Pain), 116, 2013, 423–440, ISBN: 978-0-444-53497-2
460.	**Salama S., Trivedi S., Busheva M., Arafa A.A., Garab G., Effects of NaCl salinity on growth, cation accumulation, chloroplast structure and function in wheat cultivars differing in salt tolerance, J. Plant Physiol., 144, 1994, 241-247.**	
2041	1	Zorrig W., Attia H., Msilini N., Ouhibi Ch., Lachaâl M., Ouerghi Z., Photosynthetic behaviour of Arabidopsis thaliana (Pa-1 accession) under salt stress, African J. Biotechnology, 12(29), 2013, 4594-4602.
461.	**Saliner A.G., Tsakovska I., Pavan M., Patlewicz G., Worth A.P., Evaluation of SARs for the prediction of skin irritation/corrosion potential-structural inclusion rules in the BfR decision support system. SAR and QSAR in Environmental Research, 18 (3-4) , 2007, pp. 331-342**	
2042	1	Devillers J. Methods for building QSARs. Methods Mol Biol. 2013;930:3-27.
2043	2	Liew, C.Y., Yap, C.W. QSAR and predictors of eye and skin effects. Molecular Informatics Volume 32, Issue 3, March 2013, 281-290
462.	**Schrader C., Peschel T., Däuper J., Rollnik J.D., Dengler R., Kossev A., Clin. Neurophysiol., 119, 2008, 1139-1146,** ISSN: **13882457**	
2044	1	Ehgoetz Martens K.A., Ellard C.G., Almeida Q.J., Neuropsychologia, 51(8), 2013, 1426-1434, ISSN: 0028-3932
2045	2	Ehgoetz Martens K.A., Pieruccini-Faria F., Almeida Q.J., PLoS ONE 8(5), 2013, e62602. DOI: 10.1371/journal.pone.0062602. (eISSN-1932-6203)
2046	3	Lee D., Henriques D.Y., Snider J., Song D., Poizner H., Neurosci., 244(6), 2013, 99-112, ISSN: 0306-4522
2047	4	Pasquereau B., Turner R.S., . Frontiers in Systems Neuroscience, 7, Article 98,2013, 10.3389/fnsys.2013.00098, Electronic ISSN: 1662-5137
2048	5	VonLoh M., Chen R., Kluger B., Parkinsonism & Related Disorders, 19(6), 2013, 573-585, ISSN: 1353-8020
463.	**Shannon A., Atanassov K., A first step to a theory of the intuitionistic fuzzy graphs, Proc. of the First Workshop on Fuzzy Based Expert Systems (D. Lakov, Ed.), Sofia, Sept. 28- 30, 1994, 59-61.**	
2049	1	Akram, M., S.-G. Li, K.P. Shum. Antipodal bipolar fuzzy graphs. Italian Journal of Pure and Applied Mathematics, N° 31 – December 2013, pp. 97-110
2050	2	Thilagavathi, S. A study on intuitionistic fuzzy hypergraphs. PhD thesis, Vellalar College for Womean (Autonomous), Tamilnadu, India, June 2013.
464.	**Shannon A., Atanassov K., Intuitionistic fuzzy graphs from α-, β- and (α,β)-levels, Notes on Intuitionistic Fuzzy Sets, Vol. 1, No. 1, 1995, 32-35.**	
2051	1	Thilagavathi, S. A study on intuitionistic fuzzy hypergraphs. PhD thesis, Vellalar College for Womean (Autonomous), Tamilnadu, India, June 2013.
465.	**Shannon, A., O. Roeva, T. Pencheva, K. Atanassov, Generalized Nets Modelling of Biotechnological Processes, "Prof. M. Drinov" Academic Publishing House, Sofia, 2004.**	
2052	1	Georgieva, V. Generalized Net Model of the Process of Fresh Water Treatment. Issues in Intuitionistic Fuzzy Sets and Generalized Nets. Warsaw, Vol. 10, 2013, 163-172.
2053	2	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series "Studies in Computational Intelligence" Vol. 478, Springer, 2013.
2054	3	Димитров Д. Програмен аспект на теорията на обобщените мрежи – оптимизация на алгоритми за изпълнение, оператори за модификация на модели и приложения, Дисертационен труд, Софийски университет „Св. Климент Охридски", 2013.
466.	**Siggelkow S., Kossev A., Moll C., Däuper J., Dengler R., Rollnik J.D., J. Clin. Neurophysiol., 19, 2002, 232-239,** ISSN: **07360258**	
2055	1	Blood A.J. Current Neuropharmacol.,11(1), 2013, 3–15, ISSN: 1570-159X

2056	2	Delnooz C.C.S., Pasman J.W., Beckmann C.F., van de Warrenburg B.P.C., PLoS ONE 8(5), 2013, e62877. doi:10.1371/journal.pone.0062877, eISSN-1932-6203
467.	**Siggelkow S., Kossev A., Schubert M., Kappels H-H., Wolf W., Dengler R., Muscle Nerve, 22, 1999, 1544-1548,** ISSN: **0148639X**	
2057	1	Lane M.D., The effects of muscle belly vibration at varying muscle lengths on corticospinal excitability: a TMS study. University of Calgary, Calgary Alberta, 2013, (Thesis) http://hdl.handle.net/11023/641
2058	2	Paoloni M., Giovannelli M., Mangone M., Leonardi L., Tavernese E., Di Pangrazio E., Bernetti A., Santilli V., Pozzilli C., Clin. Rehabil., 27(9), 2013, 803-812, ISSN: 0269-2155; E-ISSN: 1477-0873
2059	3	Pardo Beltrán J.O., Efectos del entrenamiento de la fuerza en plataforma vibratoria sobre los miembros inferiores en personas sedentarias. Universidad Naciolal de La Plata, Argentina, 2013, (Thesis) http://www.memoria.fahce.unlp.edu.ar/tesis/te.815/te.815.pdf
2060	4	Yang B.S., Perreault E.J., Journal of Neuroscience and Neuroengineering, 2(4), 2013, 407-413. http://dx.doi.org/10.1166/jnsne.2013.1070 (ISSN: 2168-2011, Online ISSN: 2168-202X)
468.	**Slavov T., Roeva O. Genetic Algorithm Tuning of PID Controller for Glucose Concentration Control using Software Sensor. WSEAS Trans. on Systems, Special issue "Modeling and Control of the Integrated Bio-systems", 11(7), 2012, pp. 223-233**	
2061	1	Dimitrova N. Optimizing the productivity in a chemostat model of plasmid-bearing plasmid-free competition: the case of general uptake functions, WSEAS TRANSACTIONS on BIOLOGY and BIOMEDICINE, Issue 2, Volume 10, July 2013, 12-21, E-ISSN: 2224-2902.
2062	2	Doukovska L., S. Vassileva. Knowledge-based Mill Fan System Technical Condition Prognosis, WSEAS TRANSACTIONS on SYSTEMS, E-ISSN: 2224-2678 398-408, Issue 8, Volume 12, August 2013, 398 - 408.
2063	3	Liu H., A. Gegov, F. Stahl. J-measure Based Hybrid Pruning for Complexity Reduction in Classification Rules, WSEAS TRANSACTIONS on SYSTEMS, E-ISSN: 2224-2678, 433-446, Issue 9, Volume 12, September 2013, pp. 433 - 446
2064	4	Marwala T. Control Approaches to Economic Modeling: Application to Inflation Targeting, Economic Modeling Using Artificial Intelligence Methods, Advanced Information and Knowledge Processing 2013, pp 215-231.
2065	5	Vassileva S. Knowledge-based Modeling of Multi-factor Processes in Biotechnology and Microbial Ecology, WSEAS TRANSACTIONS on BIOLOGY and BIOMEDICINE, Issue 2, Volume 10, July 2013, 88-100, E-ISSN: 2224-2902
469.	**Slavov Ts., O. Roeva, Genetic Algorithm Tuning of PID Controller in Smith Predictor for Glucose Concentration Control, Int. J. Bioautomation, 15(2), 2011, 101-114. ISSN: 1314-2321 (on-line) 1314-1902 (print)**	
2066	1	Mercy D., S. M. Girirajkumar. Tuning of Controllers for Non Linear Process Using Intelligent Techniques, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, (An ISO 3297: 2007 Certified Organization), Vol. 2, Issue 9, September 2013, www.ijareeie.com, 4410-4419, ISSN (Print) : 2320 – 3765, ISSN (Online): 2278 – 8875.
2067	2	Pencheva T., M. Angelova, K. Atanassov. Genetic Algorithms Quality Assessment Implementing Intuitionistic Fuzzy Logic, Chapter 10 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 200-233, Release Date: August, 2013.
2068	3	Saravanan M., K. S. Manic, K. U. Suresh. BFO Algorithm Based PID Controller Design for Uncertain Biochemical Reactor, In proceedings of IEEE International Conference on Human Computer Interactions (ICHCI'13), Aug 2013.
2069	4	Stanke M., B. Hitzmann. Automatic Control of Bioprocesses, Advances in Biochemical Engineering Biotechnology, 2013, Springer Berlin Heidelberg, DOI 10.1007/10_2012_167, Volume 132, 2013, Pages 35-63.
470.	**Sotirov, S., Atanassov, K., (2009). Intuitionistic Fuzzy Feed Forward Neural Network, Cybernetics and Information Technologies, 9(2), pp. 62-68.**	
2070	1	Albeanu, G. Towards intuitionistic fuzzy computational models of learning. The 9th International Scientific Conference eLearning and software for Education Bucharest, April 25-26, 2013, pp. 610-615. 10.12753/2066-026X-13-207

471.	**Spassova M., Tsoneva I., Petrov A. G., Petkova J. I., Neumann E., Dip patch clamp currents suggest electrodiffusive transport of the polyelectrolyte DNA through lipid bilayers, Biophysical Chemistry, 52 (3), 1994, pp. 267-274, ISSN: 0301-4622**	
2071	1	Edmund C. Lattime,Stanton L. Gerson (Eds.), Gene Therapy of Cancer: Translational Approaches from Preclinical Studies to Clinical Implementation. Elsevier, 2013.
472.	**Stambolieva K., Diafas D., Bachev V., Christova L., Gatev P., Postural stability of canoeing and kayaking young male athletes during quiet stance, Eur. J. Appl. Physiology, 112, 2012, 1807–1815**	
2072	1	Agostini V., Chiaramello E., Canavese L., Bredariol C., Knaflitz M., Postural sway in volleyball players, Human Movement Science, 32(3), 2013, 445-456
2073	2	Мударисова Р.Р., Вертикального положения гребцов-академистов и контровьной групы с учетом пола. Традиции и иновации в системе подготовки спортсменов и спортивных кадров, Материалы I Всероссийской отраслевой научной интернет-конференции преподавателей спортивных вузов в режиме on-line 16−18 октября 2013 г.
473.	**Staneva, G., Angelova M. I., Koumanov K., Phospholipase A2 promotes raft budding and fission from giant liposomes, Chemistry and Physics of Lipids, 129, 2004, 53-62**	
2074	1	Boreyko, J.B., Mruetusatorn P., Retterer S.T., Collier C.P., Evaporation-induced buckling and fission of microscale droplet interface bilayers, J. Am. Chem. Soc., 135 (15), 2013, 5545-5548
2075	2	Funkhouser, C. , Mayer M., Thornton K., Effects of interleaflet coupling on the morphologies of multicomponent lipid bilayer membranes, J. Chem. Phys., 138 (2), 2013, Article number 024909
2076	3	Mercker, M. Marciniak-Czochra A., Richter T., Hartmann D., Modeling and computing of deformation dynamics of inhomogeneous biological surfaces, SIAM J. Appl. Math., 73 (5), 1768-1792
2077	4	Roux, A., The physics of membrane tubes: Soft templates for studying cellular membranes, Soft Matter, 9 (29), 2013, 6726-6736
474.	**Staneva, G., Chachaty C., Wolf C., Koumanov K., Quinn P., The role of sphingomyelin in regulating phase coexistence in complex lipid model membranes: Competition between ceramide and cholesterol, Biochim. Biophys. Acta, 1778 (12), 2008, 2727-2739**	
2078	1	Hąc-Wydro, K., Studies on β-sitosterol and ceramide-induced alterations in the properties of cholesterol / sphingomyelin / ganglioside monolayers, Biochim. Biophys. Acta - Biomembranes, 1828 (11), 2013, 2460-2469
2079	2	Petelska, A.D., Figaszewski Z.A., The equilibria of sphingolipid-cholesterol and sphingolipid-sphingolipid in monolayers at the air-water interface, J. Membr. Biol., 246 (1), 2013, 13-19
475.	**Staneva, G., A. Momchilova, C. Wolf, P. Quinn, K. Koumanov, Membrane microdomains: Role of ceramides in the maintenance of their structure and functions. Biochimica and Biophysica Acta, 1778 (3), 2009, 666-675**	
2080	1	Gallier S., Shaw E., Cuthbert J., Gragson D., Singh H., Jiménez-Flores R., Hydrolysis of milk phospholipid and phospholipid-protein monolayers by pancreatic phospholipase A2, Food Research International, 54 (1), 2013, 718-725
2081	2	López-Montero, I., Catapano E.R., Espinosa G., Arriaga L.R., Langevin D., Monroy F., Shear and compression rheology of langmuir monolayers of natural ceramides: Solid character and plasticity, Langmuir, 29 (22), 2013, 6634-6644
2082	3	Pabst G., Coupling membrane elasticity and structure to protein function, Adv. Planar Lipid Bilayers and Liposomes, 18, 2013, 81-109
2083	4	Pinto S.N., Fernandes F., Fedorov A., Futerman A.H., Silva L.C., Prieto M., A combined fluorescence spectroscopy, confocal and 2-photon microscopy approach to re-evaluate the properties of sphingolipid domains, Biochim. Biophys. Acta - Biomembranes, 1828 (9), 2013, 2099-2110
476.	**Staneva, G, Puff N., Seigneuret M., Conjeaud H., Angelova M. I., Segregative clustering of Lo and Ld membrane microdomains induced by local pH gradients in GM1-containing giant vesicles: A lipid model for cellular polarization, Langmuir, 28(47), 2012, 16327-16337**	
2084	1	Ben-Dov, N., Korenstein R., Proton-induced endocytosis is dependent on cell membrane fluidity, lipid-phase order and the membrane resting potential, Biochim. Biophys. Acta - Biomembranes, 1828 (11), 2013, 2672-2681

477.	**Stephanova D.I., Bostock H., A distributed-parameter model of the myelinated human nerve fibre: temporal and spatial distributions of action potentials and ionic currents, Biol. Cybern., 73, 1995, 275-280.**	
2085	1	Babbs C.F., Shi R.. Subtle paranodal injury slows impulse in a mathematical model of myelinated axons. PLOS one, 8(7):e67767. oi:10.1371/journal.pone.0067767 –x.plos.org, 2013, eISSN: 1932-6203
2086	2	Dimitrov A.G., Dimitrova N., Internodal mechanism of pathological afterdischarges in myelinated axons. Muscle & Nerve, DOI: 10.1002/mus.23874, 2013, eISSN: 1097-4598
2087	3	Dimitrov A.G., Dimitrova N.A., Axonal Afterdischarges: Problems and Mechanisms. In: Axons: Cell Biology, Molecular Dynamics and Roles in Neural Repair and Rehabilitation, H. Yamamoto and A. Oshiro (eds.), Nova Science Publishers Inc., New York, 2013, 187-240, ISBN: 978-1-62948-051-0.
478.	**Stephanova D.I., Bostock H., A distributed-parameter model of the myelinated human nerve fibre: temporal and spatial distributions of electrotonic potentials and ionic currents, Biol. Cybern., 74, 1996, 543-547.**	
2088	1	Dimitrov AG., N.A. Dimitrova. Axonal Afterdischarges: Problems and Mechanisms. In: Axons: Cell Biology, Molecular Dynamics and Roles in Neural Repair and Rehabilitation, H. Yamamoto and A. Oshiro (eds.), Nova Science Publishers Inc., New York, 2013, pp.187-240, ISBN: 978-1-62948-051-0.
2089	2	Kimura, J. Other Techniques to Assess the Peripheral Nerve. In: Electrodiagnosis in diseases of Nerve & Muscle, Jun Kimura (ed.) (fourth edition), University Press, Oxford, 2013, pp. 235-273, ISBN: 978-0-19-973868-7
479.	**Stephanova D.I., Chobanova M., Action potentials and ionic currents through paranodally demyelinated human motor nerve fibres: computer simulations, Biol Cybern, 76, 1997, 311-314.**	
2090	1	Babbs C.F., Shi R., Subtle paranodal injury slows impulse in a mathematical model of myelinated axons. PLOS one, 8(7):e67767. oi:10.1371/journal.pone.0067767 –x.plos.org, 2013, eISSN: 1932-6203
480.	**Stephanova D.I., Daskalova M., Differences in potentials and excitability properties in simulated cases of demyelinating neuropathies. Part II. Paranodal demyelination. Clin. Neurophysiol., 116(5), 2005, 1159-1166**	
2091	1	Howells J., Czesnik D., Trevillion L., Burke D., Excitability and the safety margin in human axons during hyperthermia. J Physiol., 591, 2013, 3063-3080, eISSN: 1469-7793
481.	**Stephanova D.I., Daskalova M., Differences in potentials and excitability properties in simulated cases of demyelinating neuropathies. Part III. Paranodal internodal demyelination. Clin Neurophysiol, 116, 2005, 2334-2341.**	
2092	1	Kang J.H., Kim H.J., Lee E.R., Electrophysiological Evaluation of Chronic Inflammatory Demyelinating polyneuropathy and Charcot-Marie-Tooth Type 1:Dispersion and Correlation Analysis, J. Phys. Ther. Sci., 25(10), 2013, 1265-1268, eISSN: 2187-5626; ISSN: 0915-5287
482.	**Stephanova D., Daskalova M., Membrane property abnormalities in simulated cases of mild systematic and severe focal demyelinating neuropathies. Eur Biophys J., 37(2), 2008, 183-195**	
2093	1	Liang C., Howells J., Kennerson M., Nicholson G.A., Burke D., K. Ng. Axonal excitability in X-linked dominant Charcot Marie Tooth disease, Clinical Neurophysiology, dx.doi.org/10.1016/j.clinph.2013.11.004, 2013, ISSN: 1388-2457
483.	**Stephanova D.I., Daskalova M., Alexandrov A.S., Differences in membrane properties in simulated cases of demyelinating neuropathies. Internodal focal demyelination with conduction block. Journal of Biological Physics. 32, 2006, 129-144.**	
2094	1	Das H.K, Sahu P.P., Coupled Nerve: A technique to increase the nerve conduction velocity in demyelinating polyneuropathic patients, Procedia Engineering 64, 2013, 275-282, ISSN: 1877-7058

484.	**Stephanova D.I., Daskalova M., Alexandrov A.S., Differences in potentials and excitability properties in simulated cases of demyelinating neuropathies. Part I. Clin Neurophysiol, 116, 2005, 1153-1158.**	
2095	1	Luo ZH, Chen JX, Huang YM, Yang HQ, Lin JU-Q, Li HUI, Xie SHU-S. Characterization of signal conduction along demyelinated axons by action-potential-encoded second harmonic generation, Journal of Innovative Optic Health Sciences 7(1), 2013, 1330003-9, ISSN: 1793-5458; eISSN: 1793-7205.
485.	**Stephanova DI., Daskalova M., Krustev I., Excitability changes during the recovery cycle of human myelinated motor and sensory axons in normal case and in amyotrophic lateral sclerosis, Acta Physiol. Pharmavol. Bulg., 26, 2001, 41-44.**	
2096	1	Piotrkiewicz M., I. Hausmanowa-Petrusewicz. Amyotrophic lateral sclerosis: a dying motor unit? Frontier in aging neuroscience, 5(7), 2013, 1-4, ISSN: 1663-4365
486.	**Stephanova D.I., Krustev S.M., Negrev N., Mechanisms defining the action potential abnormalities in simulated amyotrophic lateral sclerosis, J. Integr. Neurosci., 11(2), 2012, 137-154, 2012, ISSN: 0219-6352; eISSN: 1757-448X**	
2097	1	Ashton Acton Q.. Chapter 1, Biomedicine, In: Motor Neuron Disease: New Insights for the Healthcare Professional, Q. Ashton Acton (ed), Scholarly Editions TM, Atlanta, Georgia, 2013, ISBN: 978-1-481-66046-4.
487.	**Stephanova D.I., Krustev S.M., Negrev N., Mechanisms defining the electrotonic potential abnormalities in simulated amyotrophic lateral sclerosis, J. Integr. Neurosci., 11(2), 2012, 155-167, ISSN: 0219-6352; eISSN: 1757-448X**	
2098	1	Ashton Acton Q.. Chapter 1, Biomedicine, In: Motor Neuron Disease: New Insights for the Healthcare Professional, Q. Ashton Acton (ed), Scholarly Editions TM, Atlanta, Georgia, 2013, ISBN: 978-1-481-66046-4.
488.	**Stephanova D.I., Mileva K., Different effects of blocked potassium channels on action potentials, accommodation, adaptation and anode break excitation in human motor and sensory myelinated nerve fibres: computer simulations, Biol. Cybern., 83, 2000, 161-167**	
2099	1	Farrar M.A., Park S.B., Lin C.S.Y., Keirnan M.C.. Evolution of peripheral nerve function in human: novel insights from motor nerve excitability. J. Physiol. (JP), 591(1):2013, 273-286, ISSN: 0022-3751; eISSN: 1469-7793
489.	**Stephanova D., Trayanova N., Gydikov A., Kossev A., Extracellular potentials of a single myelinated nerve fibre in an unbounded volume conductor, Biol. Cyber., 61, 1989, 205-210**	
2100	1	Qiao S., Yoshida K.. Influence of unit distance and conduction velocity on the spectra of extracellular action potentials recorded with intrafascicular electrodes. Medical Engineering & Physics, 35(1), 2013, 116-124, ISSN: 1350-4533
490.	**Stoitchkova K., Busheva M., Apostolova E., Andreeva A., Changes in the energy distribution in mutant thylakoid membranes of pea with modified pigment content. II.Changes due to magnesium ions concentration. J. Photochem. Photobiol. B, 83, 2006, 11–20**	
2101	1	Yamamoto Y., Hori H., Kai S., Ishikawa T., Ohnishi A., Tsumura N., Morita N., Quality control of Photosystem II: reversible and irreversible protein aggregation decides the fate of Photosystem II under excessive illumination, Frontiers of Plant Science, 4(433), 2013, 1-9.
491.	**Tabakov S, Iliev I, Krasteva V. Online digital filter and QRS detector applicable in low resource ECG monitoring systems. Annals of Biomedical Engineering. 2008; 36(11): 1805-1815**	
2102	1	Bansal D, (2013), Design of 50 Hz notch filter circuits for better detection of online ECG. International Journal of Biomedical Engineering and Technology (IJBET), Vol. 13 (1), pp. 30-48, doi: 10.1504/IJBET.2013.057712, ISSN: 1752-6418
2103	2	Bansal D, (2013), Computer Based Model to Filter Real Time Acquired Human Carotid Pulse. Signal Processing: An International Journal (SPIJ), Vol.7(1), pp. 42-51, ISSN: 1985-2339, http://www.cscjournals.org/csc/manuscript/Journals/SPIJ/volume7/Issue1/SPIJ-216.pdf .

2104	3	Ghasemzadeh H, Ostadabbas S, Guenterberg E, Pantelopoulos A, (2013), Wireless medical-embedded systems: A review of signal-processing techniques for classification. IEEE Sensors Journal, 13, (2), pp. 423 – 437, ISSN: 1530-437X.
2105	4	Huang Xiang-Dong, Zhang Yuan-Jun, Wang Ling, Li Hai-Liang, Li Guo-Hui, Zhang Yu, (2013), A weak electric physiological signal of the filter design method and filtering method, PRC Invention Application Publication, Pattent Application No: CN 201210498628 A 29-Nov-2012, Date of publication: 27-Feb-2013, Publication No: CN 102940489 A, http://ip.com/pat/CN102940489A .
2106	5	Peng Li, Chengyu Liu, Xinpei Wang, Dingchang Zheng, Yuanyang Li, Changchun Liu, (2013 in press), A low-complexity data-adaptive approach for premature ventricular contraction recognition. Signal, Image and Video Processing, doi: 10.1007/s11760-013-0478-6, ISSN: 1863-1703.
2107	6	Zivanovic M, González-Izal M, (2013), Simultaneous powerline interference and baseline wander removal from ECG and EMG signals by sinusoidal modeling. Medical Engineering and Physics, 35, pp. 1431-1441, http://dx.doi.org/10.1016/j.medengphy.2013.03.015 , ISSN: 1350-4533.
492.	**Taneva S.G., Donchev A.A., Dimitrov M.I., Muga A. Redox- and pH-dependent association of plastocyanin with lipid bilayers: effect on protein conformation and thermal stability, Biochimica et Biophysica Acta - Biomembranes, 1463(2), 2000, 429-438.**	
2108	1	Berecz B., Clare Mills E.N., Parádi I., Láng F., Tamás L., Shewry P.R., MacKie A.R., Stability of sunflower 2S albumins and LTP to physiologically relevant in vitro gastrointestinal digestion, Food Chemistry, 138(4), 2013, 2374-2381
493.	**Taneva S.G., Banuelos S., Falces J., Arregi I., Muga A., Konarev P.V., Svergun D.I., Velazquez-Campoy A., Urbaneja M.A., A Mechanism for Histone Chaperoning Activity of Nucleoplasmin: Thermodynamic and Structural Models, Journal of Molecular Biology, 393(2), 2009, 448-463**	
2109	1	Ellis R.J., Assembly chaperones: A perspective. Philosophical Transactions of the Royal Society B: Biological Sciences, 368(1617), 2013, 3-7.
2110	2	Le V.H., Buscaglia R., Chaires J.B., Lewis E.A., Modeling complex equilibria in isothermal titration calorimetry experiments: Thermodynamic parameters estimation for a three-binding-site model, Analytical Biochemistry, 434(2), 2013, 233-241.
494.	**Tasseva, V. Peneva, D.; Atanassov, K.; El-Darzi, E., Chountas, P. ; Vasilakis, C. Generalized Net Model for Outpatient Care in Bulgaria. Twentieth IEEE International Symposium on Computer-Based Medical Systems, 2007. CBMS '07. 20-22 June 2007, pp. 701 - 706**	
2111	1	Fanti, M.P. ; Mangini, A.M. ; Dotoli, M. ; Ukovich, W. A Three-Level Strategy for the Design and Performance Evaluation of Hospital Departments. IEEE Transactions on Systems, Man, and Cybernetics: Systems, Volume 43, 2013, Issue 4, pp. 742 - 756
495.	**Temponi, C, A Shannon, K Atanassov, A Ban. An idea for an Intuitionistic Fuzzy approach to decision making, Third Int. conf on IFS, Sofia, 16-17 October 1999. "Notes on IFS", Volume 5 (1999) Number 3, pages 6—10**	
2112	1	Ahmad, Y., S. Husain, I. Sayeed Asthanvi. Study on the Development of Decision Making Using Intuitionistic Fuzzy Set (IFS) and Interval Valued Intuitionistic Fuzzy Set (IVIFS). IOSR Journal of Engineering. Vol. 3, Issue 4 (April. 2013), pp. 34-42
496.	**Thalhammer A., Hundertmark M., Popova A.V., Secler R., Hincha., Interaction of two intrinsically disordered plant stress proteins (COR15A and COR15B) with lipid membranes in the dry state, BBA-Biomembranes, 1798, 2010, 1812-1820. ISSN – 0005-2736**	
2113	1	Dunker A.K., Another disordered chameleon: The micro-exon gene 14 protein from schistosomiasis, Biophysical Journal, 104 (11), 2013, 2326-2328
2114	2	Hatanaka R., Hagiwara-Komoda Y., Furuki T., Kanamori Y., Fujita M., Cornette R., Sakurai M., Okuda T., Kikawada T., An abundant LEA protein in the anhydrobiotic midge, PvLEA4, acts as a molecular shield by limiting growth of aggregating protein particles, Insect Biochemistry and Molecular Biology, 43 (11), 2013, 1055-1067.
2115	3	Li M., Wang X., Cao Y., Liu X., Lin Y., Ou Y., Zhang H., Liu, J., Strength comparison between cold-inducible promoters of Arabidopsis cor15a and cor15b genes in potato and tobacco, Plant Physiology and Biochemistry, 71, 2013, 77-86.

2116	4	Matsumura K., Hayashi F., Nagashima T., Hyon S.H., Long-term cryopreservation of human mesenchymal stem cells using carboxylated poly-l-lysine without the addition of proteins or dimethyl sulfoxide, Journal of Biomaterials Science, Polymer Edition, 24 (12), 2013, 1484-1497.
2117	5	Sun X., Rikkerink E.H.A., Jones W. T., Uversky V.N., Multifarious roles of intrinsic disorder in proteins illustrate its broaiImpact on plant biology, The Plant Cell, 25 (1), 2013, 38-55.
497.	**Todinova S., Krumova S., Gartcheva L., Robeerst C., Taneva S.G., Microcalorimetry of blood serum proteome: A modified interaction network in the multiple myeloma case, Analytical Chemistry, 83(20), 2011, 7992-7998.**	
2118	1	Garbett N.C., Merchant M.L., Chaires J.B., Klein J.B., Calorimetric analysis of the plasma proteome: Identification of type 1 diabetes patients with early renal function decline, Biochimica et Biophysica Acta - General Subjects, 1830(10), 2013, 4675-4680
2119	2	Johnson C.M., Differential scanning calorimetry as a tool for protein folding and stability, Archives of Biochemistry and Biophysics, 531(1-2), 2013, 100-109.
2120	3	Sun Z., Zhao Y., Liu T., Sun X., Li R., Zhang P., Xiao X., Spectrum-effect relationships between UPLC fingerprints and bioactivities of five Aconitum L. plants, Thermochimica Acta, 558, 2013, 61-66.
498.	**Todinova S., Krumova S., Kurtev P., Dimitrov V., Djongov L., Dudunkov Z., Taneva S.G., Calorimetry-based profiling of blood plasma from colorectal cancer patients. Biochimica et Biophysica Acta - General Subjects, 1820(12), 2012, 1879-1885**	
2121	1	Garbett N.C., Merchant M.L., Chaires J.B., Klein J.B., Calorimetric analysis of the plasma proteome: Identification of type 1 diabetes patients with early renal function decline, Biochimica et Biophysica Acta - General Subjects, 1830(10), 2013, 4675-4680.
2122	2	Synytsya A., Judexová M., Hrubý T., Tatarkovič M., Miškovičová M., Petruželka L., Setnička V., Analysis of human blood plasma and hen egg white by chiroptical spectroscopic methods (ECD, VCD, ROA), Analytical and Bioanalytical Chemistry, 405(16), 2013, 5441-5453.
499.	**Todorova, R. Methods of protein delivery into mammalian cells for gene therapy and genetic studies, Acta Medica Bulgarica, 35, 2008, 3-11.**	
2123	1	Acosta-Viana, K., Julio, H., Matilde, J., Eugenia, G. and Rosales-Encina, J., Antibody delivery into viable epimastigotes of Trypanosoma cruzi as a tool to study the parasite biology, Advances in Bioscience and Biotechnology, 4, 2013, 719-726
500.	**Todorova R., Estimation of methods of protein delivery into mammalian cells - A comparative study by electroporation and Bioporter assay, Applied Biochemistry and Microbiology, 45(4), 2009, 444-448**	
2124	1	Zhang J., Yamaguchi S., Hirakawa H., Nagamune T., Intracellular protein cyclization catalyzed by exogenously transduced Streptococcus pyogenes sortase A, Journal of Bioscience and Bioengineering, 116(3), 2013, 298-301
501.	**Todorova R., In vitro interaction between the N-terminus of the Ewing's sarcoma protein and the subunit of RNA polymerase II hsRPB7, Mol. Biol. Rep., 36(6), 2009, 1269-1274.**	
2125	1	Sharma N, Kumari R. Rpb4 and Rpb7: multifunctional subunits of RNA polymerase II. Crit Rev Microbiol. 2013 Nov;39(4):362-72. doi: 10.3109/1040841X.2012.711742
502.	**Todorova R., Comparative analysis of the methods of drug and protein delivery for the treatment of cancer, genetic diseases and diagnostics, Drug Delivery, 18(8), 2011, 586-598**	
2126	1	Bu L., Gan L.-C., Guo X.-Q., Chen F.-Z., Song Q., Zhao Q., Gou X.-J., Hou S.-X., Yao Q., Trans-resveratrol loaded chitosan nanoparticles modified with biotin and avidin to target hepatic carcinoma, International Journal of Pharmaceutics, 452(1-2), 2013, 355-362.
2127	2	Dendisová-Vyškovska M., Kokaislová A., Ončák M., Matějka P., SERS and in situ SERS spectroscopy of riboflavin adsorbed on silver, gold and copper substrates. Elucidation of variability of surface orientation based on both experimental and theoretical approach, Journal of Molecular Structure, 1038, 2013, 19-28.
2128	3	Shi J.F., Wu P., Jiang Z.H., Wei X.Y., Synthesis and tumor cell growth inhibitory activity of biotinylated annonaceous acetogenins, Eur. J. Med. Chem., 2013, 71C, 219-228.

503.	**Todorova R., Atanasov B., The role of the salt concentration, proton, and phosphate binding on the thermal stability of wild and cloned DNA-binding protein Sso7d from Sulfolobus solfataricus, International Journal of Biological Macromolecules, 34(1-2), 2004, 135-147.**	
2129	1	Chu W.-T., Zheng Q.-C., Conformational changes of enzymes and DNA in molecular dynamics: Influenced by pH, temperature, and ligand, Advances in Protein Chemistry and Structural Biology, 92, 2013, 179-217
504.	**Tomov, T. C., Tsoneva, I. C., Changes in the surface charge of cells induced by electrical pulses. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry 276(2), 1989, 127-133, ISSN: 1567-5394**	
2130	1	Arūnas Stirkė, Fizinių Ir Technologijos Mokslų Centras, Cheminio Ir Elektrinio Poveikių Saccharomyces, Cerevisiae Mielių Ląstelių Savybėms Tyrimas, Daktaro disertacija, Fizikiniai mokslai, chemija (03 P), Vilnius, 2013
2131	2	Sridharan, A., Patel, C., Muthuswamy, J., Voltage preconditioning allows modulated gene expression in neurons using PEI-complexed siRNA, Molecular Therapy - Nucleic Acids 2 , 2013 art. no. e82
505.	**Tomov, T., Tsoneva, I. Tomov, T., Tsoneva, I.,Are the stainless steel electrodes inert?, Bioelectrochemistry and Bioenergetics 51 (2), 2000, pp.123-142, ISSN: 1567-5394**	
2132	1	Čemažar, J., Miklavčič, D., Kotnik, T., Microfluidic devices for manipulation, modification and characterization of biological cells in electric fields - A review , Informacije MIDEM 43 (3), 2013 , pp. 143-161
2133	2	Hayes, J., Kirf, D., Garvey, M., Rowan, N., Disinfection and toxicological assessments of pulsed UV and pulsed-plasma gas-discharge treated-water containing the waterborne protozoan enteroparasite Cryptosporidium parvum , Journal of Microbiological Methods 94 (3), 2013, pp. 325-337.
506.	**Toth-Boconadi R., Der A., Taneva S.G., Keszthelyi L., Excitation of the L intermediate of bacteriorhodopsin: Electric responses to test X-ray structures, Biophysical Journal, 90(7), 2006, 2651-2655**	
2134	1	Miyazaki S., Matsumoto M., Brier S.B., Higaki T., Yamada T., Okamoto T., Ueno H., Toyabe S., Muneyuki E., Properties of the electrogenic activity of bacteriorhodopsin, European Biophysics Journal, 42(4), 2013, 257-265
507.	**Trifonov D., Nikolov B. and Mladenov I., On the Uncertainty Relations in Stochastic Mechanics, J. Geom. Symmetry Phys. 16 (2009) 57-75**	
2135	1	Skala P., Internal Structure of the Heisenberg and Robertson-Schrödinger Uncertainty Relations Int. J. Theor. Phys. 52 (2013) 3393-3404, doi:10.1007/s10773-013-1640-1.
2136	2	Skala P., Internal structure of the Heisenberg and Robertson-Schrödinger uncertainty relations: Multidimensional generalization, Phys. Rev. A 88 (2013) 042118, 5pp
508.	**Tsakovska, I.M. QSAR and 3D-QSAR of phenothiazine type multidrug resistance modulators in P388/ADR cells. Bioorganic and Medicinal Chemistry 11 (13) , 2003, pp. 2889-2899.**	
2137	1	Liu, H., Ma, Z., Wu, B. Structure-activity relationships and in silico models of P-glycoprotein (ABCB1) inhibitors. Xenobiotica 43 (11) , pp. 1018-1026
2138	2	Mahajan, S., Mahajan, R.K. Interactions of phenothiazine drugs with surfactants: A detailed physicochemical overview. Advances in Colloid and Interface Science 199-200 , pp. 1-14.
509.	**Tsakovska I., Lessigiarska I., Netzeva T., Worth A.P., A mini review of mammalian toxicity (Q)SAR models. QSAR and Combinatorial Science, 27 (1), 2008, pp. 41-48.**	
2139	1	Levet A, Bordes C, Clément Y, Mignon P, Chermette H, Marote P, Cren-Olivé C, Lantéri P. Quantitative structure-activity relationship to predict acute fish toxicity of organic solvents. Chemosphere. 2013 93(6):1094-103.
2140	2	Patlewicz G, Ball N, Booth ED, Hulzebos E, Zvinavashe E, Hennes C. Use of category approaches, read-across and (Q)SAR: general considerations. Regul Toxicol Pharmacol. 2013 67(1), 1-12
2141	3	Patlewicz GY, Lander DR. A step change towards risk assessment in the 21st century. Front Biosci (Elite Ed). 2013 1;5:418-34.

510.	**Tsakovska I., I. Pajeva, P. Alov, A. Worth. Recent advances in the molecular modelling of estrogen receptor-mediated toxicity. Adv Protein Chem Struct Biol. 2011, 85, 217-251.**	
2142	1	Brogi S, P Papazafiri, V Roussis, A Tafi. 3D-QSAR using pharmacophore-based alignment and virtual screening for discovery of novel MCF-7 cell line inhibitors. EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, 67 344-351; 10.1016/j.ejmech.2013.06.048 SEP 2013
2143	2	Enoch, S. J.; Przybylak, K. R.; Cronin, M. T. D.Category formation case studies. In: CHEMICAL TOXICOLOGY PREDICTION: CATEGORY FORMATION AND READ-ACROSS. (by MTD Cronin, JC Madden, SJ Enoch, DW Roberts), 17, 127-154; 10.1039/9781849734400-00127 2013
2144	3	Jin, YX; Wang, LG; Fu, ZW. Oral exposure to atrazine modulates hormone synthesis and the transcription of steroidogenic genes in male peripubertal mice. GENERAL AND COMPARATIVE ENDOCRINOLOGY, 184 120-127; 10.1016/j.ygcen.2013.01.010 APR 1 2013
2145	4	Przybylak KR, Schultz TW. Informing chemical catergories through the development of adverse outcome pathways. In: CHEMICAL TOXICOLOGY PREDICTION: CATEGORY FORMATION AND READ-ACROSS. (by MTD Cronin, JC Madden, SJ Enoch, DW Roberts), 17, 44-71; 10.1039/9781849734400-00044 2013.
2146	5	Teeguarden, J., Hanson-Drury, S., Fisher, J.W., Doerge, D.R.. Are typical human serum BPA concentrations measurable and sufficient to be estrogenic in the general population. Food and Chemical Toxicology, 62, issue , year 2013, pp. 949 - 963.
2147	6	Zhang, LY; Sedykh, A; Tripathi, A; Zhu, H; Afantitis, A; Mouchlis, VD;Melagraki, G; Rusyn, I; Tropsha, A. Identification of putative estrogen receptor-mediated endocrine disrupting chemicals using QSAR- and structure-based virtual screening approaches, TOXICOLOGY AND APPLIED PHARMACOLOGY, 272 (1):67-76; 10.1016/j.taap.2013.04.0.
511.	**Tsakovska I., Saliner A.G., Netzeva T., Pavan M., Worth A.P., Evaluation of SARs for the prediction of eye irritation/corrosion potential-structural inclusion rules in the BfR decision support system. SAR and QSAR in Environmental Research, 18 (3-4) , 2007, 221-235**	
2148	1	Devillers J. Methods for building QSARs. Methods Mol Biol. 2013; 930:3-27.
2149	2	Liew, C.Y., Yap, C.W. QSAR and predictors of eye and skin effects. Molecular Informatics Volume 32, Issue 3, March 2013, 281-290
2150	3	Patlewicz G, Ball N, Booth ED, Hulzebos E, Zvinavashe E, Hennes C. Patlewicz G, Ball N, Booth ED, Hulzebos E, Zvinavashe E, Hennes C. Regul Toxicol Pharmacol. 2013 Oct;67(1):1-12.
512.	**Tsakovska I., M. Wiese, I.Pajeva. Molecular modeling of phenothiazines and structurally related multidrug resistance modulators: comparative study in human and animal tumor cell lines, Biotechnol. Biotechn. Eq., 17 (2), 2003, 163-169.**	
2151	1	Biljali S., P. Nedialkov, D. Zheleva-Dimitrova, G. Kitanov, D. Momekova, G. Momekov. Cytotoxic effects and multidrug resistance modulation by five benzophenones and a xanthone isolated from Hypericum annulatum Moris subsp. annulatum. Biotechnol. & Biotechnol. Eq. 2013, 27(1), 3561-3568
513.	**Tsakovska, I., Worth, A. The use of computational methods for the assessment of chemicals in REACH Bioautomation 13 , 2009, pp. 151-162**	
2152	1	Patlewicz, G.Y., Lander, D.R. A step change towards risk assessment in the 21st century. Frontiers in Bioscience - Elite 5 E (2) , pp. 418-434.
2153	2	Pizzo, F., Lombardo, A., Manganaro, A., Benfenati, E. In silico models for predicting ready biodegradability under REACH: A comparative study. Sci Total Environ. 2013 Oct 1;463-464:161-168.
514.	**Tsanov V. and Mladenov I., Geometric Quantization of the Kepler Problem with Magnetic Charge. In : Group Theoretical Methods in Physics, Lect. Notes in Physics vol. 313 (1988), 275-281**	
2154	1	Bai Z., Meng G. and Wang E., On the orbits of magnetized Kepler problems in dimension 2k + 1, J. Geom. Phys. 73 (2013) 260-269

515.	**Tsoneva, I., Iordanov, I., Berger, A.J., Tomov, T., Nikolova, B., Mudrov, N., Berger, M.R. , Electrodelivery of drugs into cancer cells in the presence of poloxamer 188, Journal of Biomedicine and Biotechnology, 2010 , art. no. 314213, ISSN (electronic): 1110-7251**	
2155	1	Alayoubi, A, Alqahtani, S, Kaddoumi, A, Nazzal S, Effect of PEG Surface conformation on Anticancer Activity and Blood Circulation of Nanoemulsions Loaded with Tocotrienol-Rich Fraction of Palm Oil, AAPS, J., 15, 4, 2013,1168-1179.
2156	2	Asilian, A., Momeni, I., Basiri, A., Treatment of skin tumors with electrochemotherapy, Journal of Isfahan Medical School 31 (226) , 2013
516.	**Tsoneva I.Ch., Tomov T.Ch., Relationship between the power of energization and the electrophoretic mobility of rat liver mitochondria, Bioelectrochemistry and Bioenergetics, 12 (3-4), 1984, pp. 253-258, ISSN: 1567-5394**	
2157	1	Wolken, G. G., Fossen, B. J., Noh, A., Arriaga, E. A., Predicting isoelectric points of nonfunctional mitochondria from Monte Carlo simulations of surface compositions, Langmuir 29 (8) 2013, pp. 2700-2707
517.	**Tzoneva R., Faucheux N., Groth T., Wettability of substrata controls cell-substrate and cell-cell adhesions, Biochimica et Biophysica Acta - General Subjects, 1770(11), 2007, pp. 1538-1547, ISSN: 03044165**	
2158	1	Alvarez-Perez M. A., De Santis R., Ginebra M. P., Planell J. A., Ambrosio L., Dessì M., Bioactivation of calcium deficient hydroxyapatite with foamed gelatin gel. A new injectable self-setting bone analogue, Journal of Materials Science: Materials in Medicine, October 2013
2159	2	Briz N., Antolinos-Turpin C. M., Aliõ J., Garagorri N., Ribelles J. L.G., Gõmez-Tejedor J. A., Fibronectin fixation on poly(ethyl acrylate)-based copolymers, Journal of Biomedical Materials Research - Part B Applied Biomaterials 101 B(6), 2013, pp. 991-99.
2160	3	Shen Y., Ma Y., Gao M., Lai Y., Wang G., Yu Q., Cui F.Z., Liu X., Integrins-FAK-Rho GTPases pathway in endothelial cells sense and response to surface wettability of plasma nanocoatings, ACS Applied Materials and Interfaces 5(11), 2013, pp. 5112-5121.
518.	**Tzoneva R., Groth T., Altankov G., Paul D., Remodeling of fibrinogen by endothelial cells in dependence on fibronectin matrix assembly. Effect of substratum wettability, Journal of Materials Science: Materials in Medicine, 13(12), 2002, pp. 1235-1244, ISSN 1573-4838 (Online).**	
2161	1	Gil F. J., Manzanares N., Badet A., Aparicio C., Ginebra M.-P., Biomimetic treatment on dental implants for short-term bone regeneration, Clinical Oral Investigations, March 2013, DOI 10.1007/s00784-013-0953-z, Online ISSN 1436-3771
2162	2	Liu T., Liu S., Zhang K., Chen J., Huang N., Endothelialization of implanted cardiovascular biomaterial surfaces: The development from in vitro to in vivo, Journal of Biomedical Materials Research Part A, 16.NOV.2013, DOI:10.1002/jbm.a.35025
2163	3	Müller C., Müller A., Pompe T., Dissipative interactions in cell-matrix adhesion, Soft Matter 9(27), 2013, pp. 6207-6216.
2164	4	Taubert A., Mano J. F., Rodríguez-Cabello J.C., Guney A., Kara F., Ozgen O., Aksoy E. A., Hasirci V., Hasirci N., Surface Modification of Polymeric Biomaterials, Biomaterials Surface Science, Published Online: 24 JUL 2013, DOI:10.1002/9783527649600.ch5, Copyright © 2013 Wiley-VCH Verlag GmbH & Co. KGaA.
519.	**Tzoneva R. D., Mishonova-Alexova E. I., A calorimetric study of pH-dependent thermal unfolding of leghemoglobin a from soybean, *Biochimica et Biophysica Acta (BBA) - Bioenergetics*, Volume 1364, Issue 3, 27 May 1998, pp 420–424, ISSN. 0005-2728**	
2165	1	Gulevsky A. K., Relina L. I., Molecular and Genetic Aspects of Protein Cold Denaturation, Cryoletters, Volume 34, 2013, pp. 62-82(21).

520.	**Tzoneva R., Seifert B., Albrecht W., Richau K., Groth T., Lendlein A., Hemocompatibility of poly(ether imide) membranes functionalized with carboxylic groups, Journal of Materials Science: Materials in Medicine, 19(10), 2008, pp. 3203-3210, ISSN 1573-4838 (Online).**	
2166	1	Li L., Li J., Kulkarni A., Liu S., Polyurethane (PU)-derived photoactive and copper-free clickable surface based on perfluorophenyl azide (PFPA) chemistry, Journal of Materials Chemistry B 1(4), 2013, pp. 571-582.
2167	2	Senthilkumar S., Rajesh S., Jayalakshmi A., Mohan D., Biocompatibility and separation performance of carboxylated poly (ether-imide) incorporated polyacrylonitrile membranes, Separation and Purification Technology 107, 2013, pp. 297-309
2168	3	Senthilkumar, S., Rajesh S., Mohan D., Soundararajan P., Preparation, Characterization and Performance Evaluation of Poly(Ether-imide) Incorporated Cellulose Acetate Ultrafiltration Membrane for Hemodialysis, Separation Science and Technology (Philadelphia) 48(1), 2013, pp. 66-75.
2169	4	Ting Shiu Hoi, PhD Thesis, Controlling whole blood activation and resultant clot properties on various material surfaces: a possible therapeutic approach for enhancing bone healing, (2013) Controlling whole blood activation and resultant clot properties on various material surfaces : a possible therapeutic approach for enhancing bone healing, Queensland University of Technology, Brisbane Australia.
2170	5	Wang L.R., Qin H., Nie S.Q., Sun S.D., Ran, F., Zhao, C.S., Direct synthesis of heparin-like poly(ether sulfone) polymer and its blood compatibility, Acta Biomaterialia, 9 (11), 2013, pp. 8851-8863
521.	**Tzoneva, R., Weckwerth, C., Seifert, B., Behl, M., Heuchel, M., Tsoneva, I., Lendlein, A., In vitro evaluation of elastic multiblock co-polymers as a scaffold material for reconstruction of blood vessels, Journal of Biomaterials Science, Polymer Edition 22 (16) 2011, pp. 2205-2226, ISSN: 1552-49811.**	
2171	1	Wang, T., Zhao, H., Liu, Y., Hao, J., Correlation of chemical composition and microstructure with properties of poly(ε-caprolactone-co-p-dioxanone) random copolymers, Journal of Applied Polymer Science 130 (4) 2013, pp. 2978-2986
2172	2	Zhao, H., Wang, T., Zhao, X., Liu, Y., Hao, J., Synthesis and Properties of Poly(d,l-lactide-co-p-dioxanone) Random and Segmented Copolymers, Journal of Polymers and the Environment 21 (2), 2013, pp. 405-414
522.	**Vassilev V., Djondjorov P., Hadzhilazova M. and Mladenov I., Traveling Wave Solutions of the Gardner Equation and Motion of Plane Curves Governed by the mKdV Flow, AIP Conference Proceedings 1404 (2011) 86-93**	
2173	1	Chatterjee P., Ghosh D., Ghosh U. and Sahu B., Non-planar dust-acoustic solitary waves and double layers in a four-component dusty plasma with super thermal electrons, J. Plasma Physics (2013), 8pp., doi:10.1017/S0022377813000287
2174	2	Ghosh D., Ghosh U., Chatterjee P. and Wong C., Effect of superthermal electrons on dust-acoustic Gardner solitons in nonplanar geometry, Pramana 80 (2013) 665-676, doi:10.1007/s12043-012-0499-7
2175	3	Ghosh U., Ghosh D., Chatterjee P., Bacha M. and Tribeche M., Nonplanar ion- acoustic Gardner solitons in a pair-ion plasma with nonextensive electrons and positrons, Space Sci., 343 (2013) 256-272, doi: 10.1007/s10509-012-1221-4, 8pp
523.	**Vassilev V., Djondjorov P. and Mladenov I., Cylindrical Equilibrium Shapes of Fluid Membranes, J. Phys. A: Math. & Theor. 41 (2008) 435201 (16pp);** **doi: 10.1088/1751-8113/41/43/435201**	
2176	1	Banerjee S. and Giomi L., Polymorphism and bistability in adherent cells, Soft Matter, 9 (2013) 5251-5260
2177	2	Giomi L., Softly constrained films, Soft Matter 2013, doi: 10.1039/c3sm50484k
2178	3	Tu. Z.-C., Challenges in the theoretical investigations of lipid membrane configurations, Chin. Phys. B 22 (2013) 028701, 9pp

524.	**Velikova V., Tsonev T., Barta C., Centritto M., Koleva D., Stefanova M., Busheva M., Loreto F., BVOC emissions, photosynthetic characteristics and changes in chloroplast ultrastructure of Platanus orientalis L. exposed to elevated CO2 and high temperature, Environmental Pollution, 157(10), 2009, 2629-2637**	
2179	1	Flexas J., Scoffoni C., Gago J., Sack L., Leaf mesophyll conductance and leaf hydraulic conductance: An introduction to their measurement and coordination, Journal of Experimental Botany, 64(13), 2013, 3965-3981.
2180	2	Klaiber J., Najar-Rodriguez A.J., Piskorski R., Dorn, S., Plant acclimation to elevated CO2 affects important plant functional traits, and concomitantly reduces plant colonization rates by an herbivorous insect, Planta, 237(1), 2013, 29-42.
2181	3	Sun Z., Niinemets U., Hüve K., Rasulov B., Noe S.M., Elevated atmospheric CO2 concentration leads to increased whole-plant isoprene emission in hybrid aspen (Populus tremula × Populus tremuloides), New Phytologist, 198(3), 2013, 788-800.
525.	**Velikova V.Z., Varkonyi Z., Szabo M., Maslenkova L., Nogues I., Kovacs L., Peeva V., Busheva M., Garab G., Sharkey T.D., Loreto F., Increased thermostability of thylakoid membranes in isoprene-emitting leaves probed with three biophysical techniques, Plant Physiology, 157(2), 2011, 905-916.**	
2182	1	Behnke K., Ghirardo A., Janz D., Kanawati B., Esperschütz J., Zimmer I., Schmitt-Kopplin P., Niinemets Ü., Polle A., Schnitzler J.P., Rosenkranz M., Isoprene function in two contrasting poplars under salt and sunflecks, Tree Physiology, 33(6), 2013, 562-578.
2183	2	Houngkamhang N., Vongsakulyanon A., Peungthum P., Sudprasert K., Kitpoka P., Kunakorn M., Sutapun B., Amarit R., Somboonkaew A., Srikhirin T., ABO blood-typing using an antibody array technique based on surface plasmon resonance imaging, Sensors (Switzerland), 13(9), 2013, 11913-11922.
2184	3	Sun Z., Niinemets U., Hüve K., Rasulov B., Noe S.M., Elevated atmospheric CO2 concentration leads to increased whole-plant isoprene emission in hybrid aspen (Populus tremula × Populus tremuloides), New Phytologist, 198(3), 2013, 788-800.
2185	4	Way D.A., Ghirardo A., Kanawati B., Esperschütz J., Monson R.K., Jackson R.B., Schmitt-Kopplin P., Schnitzler J.-P., Increasing atmospheric CO2 reduces metabolic and physiological differences between isoprene- and non-isoprene-emitting poplars, New Phytologist, 200(2), 2013, 534-546.
526.	**Velitchkova M., I. Fedina (1998) Response of Photosynthesis of Pisum sativum to Salt Stress as affected by Methyl Jasmonate. Photosynthetica, 35 (1), 89-97. ISSN: 0300-3604.**	
2186	1	Hao Ling Wang, Yuqiong Zhang Juan, Xie Yan, Zhang Mingcai, Duan Liusheng, Li Zhaohu, Coronatine enhances drought tolerance via improving antioxidative capacity tomaintaining higher photosynthetic performance in soybean. Plant Science, 210, 2013,1-9. http://dx.doi.org/10.1016/j.plantsci.2013.05.006.
2187	2	Hou Hongmin, Li Jun, Gao Min, Singer Stacy D., Wang Hao, Mao Linyong, Fei Zhangjun, Wang Xiping, Genomic Organization, Phylogenetic Comparison and Differential Expression of the SBP-Box Family Genes in Grape. PLoS ONE 8(3) 2013 e59358. doi:10.1371/journal.pone.0059358.
2188	3	Mehar F. M., Iqbal R. K., Asim M. and Nafees A. K., Coordinate Changes in Assimilatory Sulfate Reduction are Correlated to Salt Tolerance: Involvement of Phytohormones. Annual Review & Research in Biology 3 (3), 2013, 267-295.
2189	4	Miransari M., Handling Soybean (Glycine max L.) Under Stress. In: Crop Improvement. New Approaches and Modern Techniques. (Eds. K. Rehman Hakeem, P. Ahmad and M. Ozturk), Springer US, 2013, pp 421-439 (ISBN 978-1-4614-7027-4)
2190	5	Miransari M., Riahi H., Eftekhar F., Minaie A., Smith D. L., Improving Soybean (Glycine max L.) N2 Fixation under Stress. Journal of Plant Growth Regulation, 32 (4), 2013, 909 – 921. DOI 10.1007/s00344-013-9335-7.
527.	**Velitchkova M., Lazarova D., Popova A.V., Response of isolated thylakoid membranes with altered fluidity to short heat stress, Physiol. Mol. Biol. Plant, 15 (1), 2009, 43-52. ISSN, printed 0971-5894, electronic - 0974-0430.**	
2191	1	Los D. A., Mironov K. S., Allakhverdiev S. I. (2013) Regulatory role of membrane fluidity in gene expression and physiological functions. Photosynth. Res. 116 (2-3), p.489-509. DOI 10.1007/s11120-013-9823-4.

2192	2	Tovuu A., Zulfugarov I.S., Lee C.-H., Correlations between the temperature dependence of chlorophyll fluorescence and the fluidity of thylakoid membranes, Physiologia Plantarum, 147 (4), 2013, 409-416.
528.	**Velitchkova M., R. Picorel (2004) Photobleaching of photosynthetic pigments in spinach thylakoid membranes. Effect of temperature, oxygen and DCMU. Biophys. Chem. 107, 25-32. ISSN 0301-4622.**	
2193	1	Tiznado-Hernandez M.E., Orozco-Avitia J.A., Ojeda-Contreras A.J., Gardea-Bejar A. A. (2013) Manipulation of photosynthesis in grape (Vitis vinifera) cv. "Flame" by the application of two sucrose analogs. American Journal of Agricultural and Biological Sciences, 8 (1), 2013, 28-33. doi:10.3844/ajabssp.2013.28.33
529.	**Vladkova R.S., Dobrikova A.G., Singh R., Misra A.N., Apostolova E., Photoelectron transport ability of chloroplast thylakoid membranes treated with NO donor SNP: Changes in oxygen evolution and chlorophyll fluorescence, Nitric Oxide, 24, 2011, 84-90. ISSN 1089-8603**	
2194	1	Ördög A., Barnabás Wodala, Tamás Rózsavölgyi, Irma Tari, and Ferenc Horváth. Regulation of guard cell photosynthetic electron transport by nitric oxide. J. Exp. Bot., 64 (5), 2013, 1357-1366.
2195	2	Procházkova D., Haisel D., Wilhelmová N., Pavliková D., Szákova J. Effects of exogenous nitric oxide on photosynthesis, Photosynthetica, 51(4), 2013, 483-489. ISSN: 0300-3604
530.	**Vladkova R., Ivanova P., Krasteva V., Misra A.N., Apostolova E.L. Assessment of chlorophyll fluorescence and photosynthetic oxygen evolution parameters in development of biosensors for detection of QB binding cherbecides, Comp. Rend. Acad. Bulg. Sci., 62 (3), 2009, 355-360.**	
2196	1	Bueno C. C. Desenvolvimento de um nanobiossensor para omonitoramento da Qualidade Ambiental no Setor Agrиcola. (The Development of a Nanobiosensor for Monitoring the Environmental Quality in Agriculture. Dissertation. Universidade Federal de Sao Carlos. Sorocaba-SP, 2013.
2197	2	da Silva A.C.N., Deda D.K., Da Róz A.L., Prado R.A., Carvalho C.C., Viviani V, Leite F.L. Nanobiosensors based on chemical modified AFM probes: A usefu; tool for metsulfuron-methyl detection. Sensors, 13, 2013, 1477-1489.
531.	**Vladkova T.G., Keranov I. L., Dineff P. D., Youroukov S. Y., Avramova I. A., Krasteva N., Altankov G. P., Plasma based Ar+ beam assisted poly(dimethylsiloxane) surface modification), Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 236 (1-4), 2005, pp. 552-56, ISSN: 0168-9002**	
2198	1	Genchi, G. G.,Ciofani, G.,Liakos, I.,Ricotti, L.,Ceseracciu, L., Athanassiou, A., Mazzolai, B., Mattoli, V., Bio/non-bio interfaces: A straightforward method for obtaining long term PDMS/muscle cell biohybrid constructs, Colloids and Surfaces B: Biointerfaces ,105, 2013, pp. 144-151
2199	2	Kreider, A., Richter, K., Sell, S., Fenske, M.,Tornow, C., Stenzel, V., Grunwald, I., Functionalization of PDMS modified and plasma activated two-component polyurethane coatings by surface attachment of enzymes, Applied Surface Science 273, 2013, pp. 562-569
2200	3	Malecha, K., A PDMS-LTCC bonding using atmospheric pressure plasma for microsystem applications, Sensors and Actuators, B: Chemical 181, 2013, pp. 486-493
532.	**Vukova T., Atanassov A., Ivanov R., Radicheva N., Intensity–dependent effects of microwave electromagnetic fields on acetylcholinesterase activity and protein conformation in frog skeletal muscles, Med. Sci. Mon. 11, 2005, BR50-BR56**	
2201	1	Ashish D., Suman Kanti Chowdhury, E. David Cartwright, Empirical evaluation of neck muscle fatigue generated by healthcare related exertions. Safety Science, 57, 2013, 100–107, ISSN: 0925-7535
533.	**Vukova T., Vydevska-Chichova M., Radicheva N., Fatigue-induced changes in muscle fiber action potentials estimated by wavelet analysis, JEK, 18, 2008, 397-409**	
2202	1	Abbas B., Dept. of Electron. Eng., Aligarh Muslim Univ., Aligarh, India; Farooq, O. ; Uzzaman, Y. ; Khan, A.A., Enhancing classification accuracy of wrist movement by denoising sEMG signals. Engineering in Medicine and Biology Society (EMBC), 2013 35th Annual International Conference of the IEEE, 3-7 July 2013, 5762 – 5764, ISSN: 1557-170X.

2203	2	Amsuss S., Dept. of Neurorehabilitation Eng., Georg August Univ., Göttingen, Germany ; Paredes, L.P. ; Rudigkeit, N. ; Graimann, B., Long term stability of surface EMG pattern classification for prosthetic control Engineering in Medicine and Biology Society (EMBC), 2013 35th Annual International Conference of the IEEE, 3-7 July 2013, 3622 – 3625, ISSN: 1557-170X.
2204	3	Chowdhury S.K., Nimbarte A.D., Jaridi M., Creese R.C., Discrete wavelet transform analysis of surface electromyography for the fatigue assessment of neck and shoulder muscles, Journal of Electromyography and Kinesiology, 23(5), 2013, 995–1003, ISSN: 1050-6411.
2205	4	Nimbarte A.D., Chowdhury S.K., Cartwright D., Empirical evaluation of neck muscle fatigue generated by healthcare related exertions, Safety Science, 57, 2013, 100–107, ISSN: 0925-7535.
534.	**Vracko M., Bandelj V., Barbieri P., Benfenati E., Chaudhry Q., Cronin M., Devillers J., Tsakovska I., Worth A., Validation of counter propagation neural network models for predictive toxicology according to the OECD principles: A case study. SAR and QSAR in Environmental Research, 17 (3) , 2006, pp. 265-284.**	
2206	1	Putz, M.V., Dudaş, N.A. Determining chemical reactivity driving biological activity from SMILES transformations: The bonding mechanism of anti-HIV pyrimidines. Molecules 18 (8), pp. 9061-9116.
535.	**Wiese M., I. Pajeva. Algorithms to predict affinity for transporters, In: Virtual ADMET assessment in target selection and maturation, Solvay Pharmaceuticals Conferences Series (Volume 6), B. Testa, L. Turski (Eds.), IOS Press, Amsterdam, 187-208, 2006.**	
2207	1	Andrew G. Horti, Hayden T. Ravert, Yongjun Gao, Daniel P. Holt, William H. Bunnelle, Michael R. Schrimpf, Tao Li, Jianguo Ji, Heather Valentine, Ursula Scheffel, Hiroto Kuwabara, Dean F. Wong, Robert F. Dannals, Synthesis and evaluation of new radioligands [11C]A-833834 and [11C]A-752274 for positron-emission tomography of α7-nicotinic acetylcholine receptors, NUCLEAR MEDICINE AND BIOLOGY, 40 (3), 395-402, 2013
536.	**Wiese M., I.K. Pajeva. Structure-activity relationships of multidrug resistance reversers, Curr. Med. Chem., 8 (6), 2001, 685-713.**	
2208	1	Almeida, W., P. Huber, L. Kohn, J. de Carvalho. In vitro antiproliferative effect of β-phenylethylamine derivatives and doxorubicin combinations on MCF/ADR cell lines. Medicinal Chemistry Research, 22 (2), 2013, 548-557.
2209	2	Breier, A; Gibalova, L; Seres, M; Barancik, M; Sulova, Z. New Insight into P-Glycoprotein as a Drug Target. ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, 13 (1):159-170; JAN 2013.
2210	3	Chakraborty, A; Pan, S; Chattaraj, PK. Biological Activity and Toxicity: A Conceptual DFT Approach. In: APPLICATIONS OF DENSITY FUNCTIONAL THEORY TO BIOLOGICAL AND BIOINORGANIC CHEMISTRY (Editor(s): Putz MV; Mingos DMP), 150 143-179, 2013.
2211	4	Ferreira, RJ; Ferreira, MJU; dos Santos, DJVA. Assessing the Stabilization of P-Glycoprotein's Nucleotide-Binding Domains by the Linker, Using Molecular Dynamics. MOLECULAR INFORMATICS, 32 (5-6):529-540; SI 10.1002/minf.201200175 JUN 2013.
2212	5	Ferreira RJ, Maria-José U. Ferreira, and Daniel J. V. A. dos Santos Molecular Docking Characterizes Substrate-Binding Sites and Efflux Modulation Mechanisms within P-Glycoprotein. JOURNAL OF CHEMICAL INFORMATION AND MODELING, 53 (7):1747-1760; 10.1021/ci400195v JUL 2013
2213	6	Jie Yang and Jie Chen. QSAR Analysis of Purine-Type and Propafenone-Type Substrates of P-Glycoprotein Targeting β-Amyloid Clearance, Neurodegenerative Diseases, Dr. Uday Kishore (Ed.), ISBN: 978-953-51-1088-0, InTech, DOI: 10.5772/54975.2013 Available from: http://www.intechopen.com/books/neurodegenerative-diseases/qsar-analysis-of-purine-type-and-propafenone-type-substrates-of-p-glycoprotein-targeting-amyloid-cle
2214	7	Poła, Andrzej, Daniela Mosiądz, Jolanta Saczko, Teresa Modrzycka, Krystyna Michalak. The Influence of Phenothiazine Derivatives on Intracellular Accumulation of Cationic Cyanine Dye DiOC6(3) in LoVo-DX. Cells ANTICANCER RES. 33 (3) 857-863, 2013.
2215	8	Rubelt MS. Enhancement of the Intestinal Epithelial Permeability of Peripherally Acting Opioid Analgesics by Chitosan. Dissertation. Mathematisch-Naturwissenschaftlichen Fakultät I der Humboldt-Universität zu Berlin. Oct 2013. PhD thesis
2216	9	S Singh, NR Prasad, K Kapoor, EE Chufan, BA Patel, SV Ambudkar, TT Talele. Design, Synthesis, and Biological Evaluation of (S)-Valine Thiazole-Derived Cyclic and Noncyclic Peptidomimetic Oligomers as Modulators of Human P-Glycoprotein (ABCB1). CHEMBIOCHEM. 2013, http://dx.doi.org/10.1002/cbic.201300565

2217	10	Zhu, T. , Chen, J. and Yang, J. (2013) Some substrates of P-glycoprotein targeting β-amyloid clearance by quantitative structure-activity relationship (QSAR)/membrane-interaction (MI)-QSAR analysis. Advances in Bioscience and Biotechnology, 4, 2013, 872-895. doi: 10.4236/abb.2013.49116.
537.	**Worth A.P., Bassan A., de Bruijn J., Saliner A.G., Netzeva T., Patlewicz G., Pavan M., Tsakovska I., Eisenreich S., The role of the European chemicals bureau in promoting the regulatory use of (Q)SAR methods. SAR and QSAR in Environmental Research, 18 (1-2), 2007, pp. 111-125.**	
2218	1	Asadollahi-Baboli M. Straightforward MIA-QSTR evaluation of environmental toxicities of aromatic aldehydes to Tetrahymena pyriformis. SAR QSAR Environ Res. 2013 Dec;24(12):1041-50.
2219	2	Benigni, R. Evaluation of the toxicity forecasting capability of epa's toxcast phase i data: Can toxcast in vitro assays predict carcinogenicity? Journal of Environmental Science and Health - Part C Environmental Carcinogenesis and Ecotoxicology Reviews 31 (3) , 2013, pp. 201-212.
2220	3	Benigni, R., Battistelli, C.L., Bossa, C., Tcheremenskaia, O., Crettaz, P. New perspectives in toxicological information management, and the role of ISSTOX databases in assessing chemical mutagenicity and carcinogenicit. Mutagenesis. 2013 Jul;28(4):401-9.
2221	4	Benigni R, Bossa C, Battistelli CL, Tcheremenskaia O. IARC Classes 1 and 2 carcinogens are successfully identified by an alternative strategy that detects DNA-reactivity and cell transformation ability of chemicals. Mutat Res. 2013 Dec 12;758(1-2):56-61.
2222	5	Benigni, R., Bossa, C., Tcheremenskaia, O. In vitro cell transformation assays for an integrated, alternative assessment of carcinogenicity: A data-based analysis. Mutagenesis 28 (1) , 2013, pp. 107-116
2223	6	Benigni R, Bossa C, Tcheremenskaia O. Nongenotoxic carcinogenicity of chemicals: mechanisms of action and early recognition through a new set of structural alerts. Chem Rev. 2013 May 8;113(5):2940-57.
2224	7	Bordbar, M., Ghasemi, J., Faal, A.Y., Fazaeli, R. Chemometric modeling to predict aquatic toxicity of benzene derivatives using stepwise-multi linear regression and partial least square. Asian Journal of Chemistry 25 (1) , 2013, pp. 331-342
2225	8	Das, R.N., Roy, K. QSPR with extended topochemical atom (ETA) indices. 4. Modeling aqueous solubility of drug like molecules and agrochemicals following OECD guidelinesQSPR with extended topochemical atom (ETA) indices. 4. Modeling aqueous solubility of drug like molecule2013, s and agrochemicals following OECD guidelines. Structural Chemistry 24 (1) , pp. 303-331
2226	9	García-Domenech R, Gálvez-Llompart M, Zanni R, Recio MC, Gálvez J. QSAR methods for the discovery of new inflammatory bowel disease drugs. Expert Opin Drug Discov. 2013 Aug;8(8):933-49.
2227	10	Hartung, T., Luechtefeld, T., Maertens, A., Kleensang, A. Food for thought: Integrated testing strategies for safety assessments. Altex 30 (1) , 2013, pp. 3-18
2228	11	Ruiz P, Myshkin E, Quigley P, Faroon O, Wheeler JS, Mumtaz MM, Brennan RJ. Assessment of hydroxylated metabolites of polychlorinated biphenyls as potential xenoestrogens: a QSAR comparative analysis. Assessment of hydroxylated metabolites of polychlorinated biphenyls as potential xenoestrogens: a QSAR comparative analysis. 2013 24(5):659-82
2229	12	Scholz S, Sela E, Blaha L, Braunbeck T, Galay-Burgos M, García-Franco M, Guinea J, Klüver N, Schirmer K, Tanneberger K, Tobor-Kapłon M, Witters H, Belanger S, Benfenati E, Creton S, Cronin MT, Eggen RI, Embry M, Ekman D, Gourmelon A, Halder M, Hardy B, Hartung T, Hubesch B, Jungmann D, Lampi MA, Lee L, Léonard M, Küster E, Lillicrap A, Luckenbach T, Murk AJ, Navas JM, Peijnenburg W, Repetto G, Salinas E, Schüürmann G, Spielmann H, Tollefsen KE, Walter-Rohde S, Whale G, Wheeler JR, Winter MJ. A European perspective on alternatives to animal testing for environmental hazard identification and risk assessment. Regul Toxicol Pharmacol. 2013 Dec;67(3):506-30.
538.	**Worth, A.P., Bassan, A., Gallegos, A., Netzeva, T.I., Patlewicz, G., Pavan, M., Tsakovska, I., Vracko, M. The Characterisation of (Quantitative) Structure-Activity Relationships: Preliminary Guidance. ECB Report EUR 21866 EN, European Commission, Joint Research Centre; Ispra, Italy, 2005; p. 95.**	
2230	1	Faizan Sahigara, Davide Ballabio, Roberto Todeschini and Viviana Consonni. Defining a novel k-nearest neighbours approach to assess the applicability domain of a QSAR model for reliable predictions. Journal of Cheminformatics 2013, 5:27. 27-35

2231	2	Gütlein Martin, Christoph Helma, Andreas Karwath, Stefan Kramer. A Large-Scale Empirical Evaluation of Cross-Validation and External Test Set Validation in (Q)SAR. Molecular Informatics, 2013, Volume 32, Issue 5-6 , 516-528
539.	**Zaprianova E., Majtenyi K., Deleva D., Mikova Ol. P., Filchev A., Sultanov B., Kolyovska V., Sultanov E., Christova L ., Kmetska X., Georgiev D., Serum IgG and IgM Ganglioside GM1 Antibodies in Patients with Multiple Sclerosis, Clinical Neuroscience, Ideggyy Sz. 57(3-4), 2004, 94-99.**	
2232	1	Ariga T., Kubota M., Nakane M., Oguro K., Yu R.K., Ando S., Anti-Chol-1 Antigen, GQ1bα, Antibodies Are Associated with Alzheimer's Disease, PLoS ONE, 8(5), 2013
540.	**Zhelev, Z., Aoki, I., Gadjeva, V., Nikolova, B., Bakalova, R., Saga, T., Tissue redox activity as a sensing platform for imaging of cancer based on nitroxide redox cycle, Eur. J. Cancer 49, 2012,1467-1478, ISSN: 1365-235**	
2233	1	Towner, R.A., Garteiser, P., Bozza, F., Smith, N., Saunders, D., D'Avila, J.C.P., Magno, F., Castro Faria-Neto, H.C. In vivo detection of free radicals in mouse septic encephalopathy using molecular MRI and immuno-spin trapping. Free Radical Biology and Medicine, 65, 828-837, 2013.
541.	**Zhelev Z., Bakalova, R., Aoki, I., Matsumoto, K., Gadjeva, V., Anzai, K., Kanno, I., Nitroxyl radicals as low toxic spin-labels for non-invasive magnetic resonance imaging of bblood-brain barrier permeability for conventional therapeutics, Chem. Commun. (Camb.), (1), 2009, 53-55, ISSN:1359-7345**	
2234	1	Miyake Y., X.L. Wang, M. Amasaka, K. Itto, H. Arimoto, H. Fujii, H. Hirata, Simultaneous imaging of an enantiomer pair by EPR using isotopic nitrogen labeling, Anal. Chem., 2013, 85(2SI), 985-990.
542.	**Zhelev Z., Bakalova, R., Ohba, O., Single quantum dot micelles coated with silica shell as potentially non-cytotoxic fluorescent cell tracers, J. Am. Chem. Soc., 128(19), 2006, 6324-6325, ISSN 0002-7863**	
2235	1	Liu X., M. Tang, T. Zhang, Y. Hu, S. Zhang, L. Kong, Y. Xue, Determination of a threshold dose of reduce or eliminate CdTe-induced toxicity in L929 cells by controlling the exposure dose, PLoS One, 2013, 8(4).
2236	2	Qu X., G. Pan, H.K. Yang, Y. Chen, J.W. Chung, B.K. Moon, B.C. Choi, J.H. Jeong, K. Janq., Low-temterature synthesis of luminescent and mesoporous beta-NaYF4 microspheres via polyol-mediated solvothermal route, RSC Advances, 2013, 3(14), 4763-4770.
2237	3	Song G., Q. Wang, Y. Wang, G, Lv, C. Li, R. Zou, Z. Chen, Z. Qin, K. Huo, R. Hu, J. Hu., A low-toxic multifunctional nanoplatform-based on Cu9S5@mSiO2 core-shell nanocomposites: combining photothermal- and chemotherapies with infrared thermal imaging for cancer treatment, Advanced Functional Materials, April 9, 2013, DOI: 10.1002/adfm.201203317 [Epub ahead of print].
2238	4	Viswanathan K., D. Hong, W-C. Chu, Y.C. Lee., Fabrication of 105Y, alpha 1-anti trypsin peptide conjugated hybrid nanoparticles for biological applications, J. Chinese Chem. Soc., 2013, 60(4), 400-406.
2239	5	Yang P., Y. Yingzi, L. Zhang., Luminescent SiO2 particles: Porous structure of matrix and stability of quantum dots, J. Nanosci. Nanotechnol., 2013, 13(4), 3011-3015.
543.	**Zhelev Z., Bakalova, R., Ohba, H., Ewis, A., Ishikawa, M., Shinohara, Y., Baba.Y., Suppression of bcr-abl synthesis by siRNAs and protein tyrosine kinase activity by Glivec alters different oncogenes, apoptotic/antiapototic and cell proliferation factors (microarray study), FEBS Lett., 570(1-3), 2004,195-204, ISSN 0014-5793 (print)**	
2240	1	Suh J. S., J.Y. Lee, Y.S. Choi, P.C. Chong, Y.J. Park, Peptide-mediated intracellular delivery of miRNA-29b for osteogenic stem cell differentiation, Biomaterials, 2013, 34(17), 4347-4359.
544.	**Zhelev Z., Bakalova, R., Ohba, H., Jose, R., Imai, Y., Baba, Y., Uncoated, broad-fluorescent, and size-homogeneous CdSe quantum dots for bioanalyses, Anal. Chem., 78(1), 2006, 321-330,ISSN (electronic): 1432-1130.**	
2241	1	Zhao Q., X.L. Rong, H.B. Ma, G.H. Tao., Aqueous synthesis of CdSe and CdSe/CdS quantum dots with controllable introduction of Se and S sources, J. Mater. Sci., 2013, 48(5), 2135-2141.

545.	**Zhelev Z., Jose, R., Nagase, T., Ohba, H., Bakalova, R., Ishikawa, M., Baba, Y., Enhancement of the photoluminescence of CdSe quantum dots during long-term UV-irradiation: privilege or fault in life science research? J. Photochem. Photobiol. B, 75, 2004, 99-105, ISSN: 1011-1344**	
2242	1	Bailon-Ruiz S., O. Perales-Perez, UV-enhanced toxicity of water-stable quantum dots in human pancreatic carcinoma cells, J. Exp. Nanosci., January 21, 2013, DOI:10.1080/17458080.2012.750764 [Epub ahead of print].
2243	2	Bailon-Ruiz S., O. Peralez-Perez, Y-F. Su, Y. Xin, One-step Synthesis of Water-dispersible ZnSe(S)-alloy Quantum Dots in the Presence of Thiol Species, Curr. Nanosci., 2013, 9(1), 117-121.
2244	3	Prymak M.V., Yu.M. Azhniuk, V.V. Zvenigorodsky, V.M. Krasilinets, O.E. Rayevska, O.L. Stroyuk, A.V. Gomonnai, D.R. Zahn, Photoluminescence of X-ray irradiated CdSe nanocrystals embedded in dielectric matricies, Physica Status Solidi A, 2013, January 30 DOI: 10.1002/pssa.201228793 [Epub ahead of print].
546.	**Zhelev Z., Ohba, H., Bakalova, R., Hadjimitova, V., Ishikawa, M., Shinohara, Y., Baba, Y., Phenothiazines suppress proliferation and induce apoptosis in cultured leukemic cells without any influence on the viability of normal lymphocytes, Cancer Chemother. Pharmacol., 53(3), 2004, 267-275, Print ISSN: 0344-5704**	
2245	1	Plano D., J.A. Palop, C. Sanmartin, Chapter 16: Thermal analysis of sulfur and selenium compounds with multiple applications, including anticancer drugs, 2013, 365-384, http://dx.doi.org/10.5772/53048
547.	**Zhelev Z., Ohba, H., Bakalova, R., Jose, R., Fukuoka, S., Nagase, T., Ishikawa, M., Baba, Y., Fabrication of quantum dot-lectin conjugates as novel fluorescent probes for microscopic and flow cytometric identification of leukemia cells from normal lymphocytes, Chemical Communications (Camb.), (15), 2005, 1980-1982, ISSN 1530-6984**	
2246	1	Zhang B., D.P. Tang, I.Y. Goryacheva, R. Niessner, D. Knopp, Anodic-stripping voltammetric immunoassay for ultrasensitive detection of low-abundance proteins using quantum dot aggregated hollow microspheres, Chemistry-A Eur. J., 2013, 19(7), 2496-2503.
548.	**Zlatanov I., Groth T., Lendlein A., Altankov G., Dynamics of β1-integrins in living fibroblasts - Effect of substratum wettability, Biophysical Journal, 89(5), 2005, 3555-3562.**	
2247	1	Müller C., Müller A., Pompe T., Dissipative interactions in cell-matrix adhesion, Soft Matter, 9(27), 2013, 6207-6216.
549.	**Zlatanov I., Popova A. Penetration of lysozyme and cytochrome c in lipid bilayer: Fluorescent study, Journal of Membrane Biology, 242(2), 2011, 95-103.**	
2248	1	Hossann, M., Wang, T., Syunyaeva, Z., Wiggenhorn, M., Zengerle, A., Issels, R.D., Reiser, M., Lindner, L.H., Peller, M., Non-ionic Gd-based MRI contrast agents are optimal for encapsulation into phosphatidyldiglycerol-based thermosensitive liposomes, Journal of Controlled Release, 166(1), 2013, 22-29
550.	**Zlateva G., Zhelev, Z., Bakalova, R., Kanno, I., Precise size-control and synchronized synthesis of six size-homogeneous CdSe quantum dot fractions in a slow-increasing temperature gradient, Inorganic Chemistry, 46 (16), 2007,6212-6214, ISSN 0020-1669**	
2249	1	Chen H., Z. Zhen, T. Todd, P.K. Chu, J. Xie, Nanoparticles for improving cancer diagnosis, Mater. Sci. Eng.: R: Reports, 2013, April 1 [Epub ahead of print].
2250	2	Chung W., H. Jung, C.H. Lee, S.H. Kim., Warm with high color rendering index white light from hybridization of Chem., 2013, Fevruary 28 [Epub ahead of print].
551.	**Ангелова М., Т. Пенчева, Целенасочен параметричен генезис с много-популационен генетичен алгоритъм, X Национална младежка научно-практическа сесия, 23-25 Април 2012, София, 250-254, ISBN 1314-0698.**	
2251	1	Roeva O., T. Slavov, S. Fidanova, Population-Based vs. Single Point Search Meta-Heuristics for a PID Controller Tuning, Chapter 7 in Vasant P. (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, IGI Global, Hershey, Pennsylvania (USA), 2013, 200-233

552.	**Атанасов, К. Въведение в теорията на обобщените мрежи. Бургас, Понтика Принт, 1992.**	
2252	1	Krawczak, M. Multilayer Neural Networks: A Generalized Net Perspective. Series “Studies in Computational Intelligence” Vol. 478, Springer, 2013.
553.	**Доцински И, Христов И (1994) Един подход за получаване на многоканални електрокардиограми, Трета национална научно-приложна конференция “Електронна техника 94” с международно участие, Созопол, 28-30 септ., стр. 11-16.**	
2253	1	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигналилл Дисертация за “Доктор на науките”, Техн. Унив. – София, 270 стр
554.	**Матвеев, М., И. Даскалов (1982). Анализ и обработка на сигнали – приложение за биосигнали. Техника, София**	
2254	1	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигналилл Дисертация за “Доктор на науките”, Техн. Унив. – София, 270 стр
555.	**Христов И. (1988) “Възприемане, обработка и регистриране на електрокардиосигнали чрез микропроцесорни устройства”, Дисертация за присъждане на научна степен “Доктор”, Българска Академия на Науките, Специализиран Съвет по Електронна и Компютърна Техника.**	
2255	1	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигналилл Дисертация за “Доктор на науките”, Техн. Унив. – София, 270 стр
556.	**Христов И. (2005) “Премахване на смущения, разпознаване на вълни и измерване на параметри в електрокардиографски сигнали”. Дисертация за присъждане на научна степен “Доктор на техническите науки”, Българска Академия на Науките, Специализиран Съвет по Електронна и Компютърна Техника.**	
2256	1	Михов Георги (2013) Изследване и усъвършенстване на субтракционния метод за отстраняване на смущения от електрокардиографски сигналилл Дисертация за “Доктор на науките”, Техн. Унив. – София, 270 стр

ПРИЛОЖЕНИЕ 43: ***Информация за Научния съвет на звеното***

Списъчен състав на НС с посочени научни звания, степени и основна месторабота на членовете на съвета

проф. дбн Албена Момчилова – Председател на НС

проф. дбн Диана Петкова – Зам.-прдседател на НС

доц. д-р Таня Пенчева – Секретар на НС

чл.-кор. дбн Андон Косев

проф. дбн Диана Стефанова

проф. дтн Ивайло Христов

проф. дбн Илза Пъжева

чл.-кор. дмн дтн Красимир Атанасов

проф. д-р Михаил Матвеев

проф. дтн Росица Райкова

проф. дтн Стефан Хаджитодоров

проф. дбн Стефка Танева

проф. дбн Яна Цонева

проф. д-р Емилия Апостолова

проф. д-р Мая Величкова

проф. д-р Мира Бушева

Външни членове:

акад. Александър Петров – ИФТТ-БАН

проф. Георги Михов – Технически Университет, София

чл.-кор. Здравко Лалчев – Софийски Университет “Св. Климент Охридски”

проф. Христо Гагов – Софийски Университет “Св. Климент Охридски”

Дата на избиране на съвета и сведения за промени в състава му след избора

НС на ИБФБМИ е избран на ОС на ИБФБМИ на 8.XII.2010 г., Протокол №2