

ГОДИШЊИ ИЗВЕШТАЈ О НАУЧНОИСТРАЖИВАЧКОЈ ДЕЛАТНОСТИ 2015

УНИВЕРЗИТЕТ У НОВОМ САДУ
ФАКУЛТЕТ ТЕХНИЧКИХ НАУКА



**Годишњи извештај о научноистраживачкој делатности 2015.
је резултат рада на пројекту:**

“НОВЕ ТЕХНОЛОГИЈЕ И ОБРАЗОВНЕ МЕТОДЕ У НАСТАВНОМ ПРОЦЕСУ ФАКУЛТЕТА ТЕХНИЧКИХ НАУКА“

Руководилац пројекта:

Проф. др Раде Дорословачки, декан

Пројектни тим:

1. Проф. др Драгиша Вилотић
2. Проф. др Владимир Катић
3. Проф. др Срђан Колаковић
4. Проф. др Драган Шешлија
5. Проф. др Илија Ковачевић
6. Проф. др Миодраг Хаџистевић
7. Проф. др Растислав Шостаков
8. Доц. др Мирослав Кљајић
9. Доц. др Бојан Лалић
10. Проф. др Милан Мартинов
11. Проф. др Никола Јорговановић
12. Доц. др Борис Думнић
13. Проф. др Ђорђе Лађиновић
14. Проф. др Дарко Реба
15. Проф. др Драган Јовановић
16. Проф. др Радош Радивојевић
17. Проф. др Мила Стојаковић
18. Проф. др Драган Спасић
19. Проф. др Драгољуб Новаковић
20. Проф. др Бранислав Боровац
21. Игор Зечевић
22. др Драгољуб Шевић
23. Проф. др Тодор Атанацковић
24. Проф. др Жељен Трповски
25. Мирослав Милошевић
26. Дарко Чутурић

Програмска подршка:

Игор Зечевић

Стручна и техничка обрада:

Валентина Вребалов

Гордана Бајчетић

Дизајн корица:

Иван Пинтијер

Штамапање одобрио:

Савет за издавачку делатност Факултета техничких наука

Председник Савета за издавачку делатност:

Проф. др Радош Радивојевић

Штампа:

Графички центар – ГРИД

Факултет техничких наука Нови Сад

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Захваљујемо се:

*ауторима радова, учесницима на пројектима,
учесницима на пројекту “НОВЕ ТЕХНОЛОГИЈЕ И ОБРАЗОВНЕ
МЕТОДЕ У НАСТАВНОМ ПРОЦЕСУ ФАКУЛТЕТА ТЕХНИЧКИХ НАУКА“,
члановима Одбора за науку и међународну сарадњу,
Центру за рачунарство, Служби маркетинга ФТН и Служби за
међународну сарадњу.*

ПРЕДГОВОР

Велико нам је задовољство што смо у могућности да представимо Годишњи извештај о научноистраживачкој делатности за 2015. годину, сада већ девети по реду. И овај, као и претходних осам, настао је из потребе да се представи библиографија наших научних радника и истраживача на пољу развоја науке, технике, технологије и иновација у току једне године. Израда ове публикације, популарно назване „Годишњак“ потекла је из активности на припреми документације за претходне акредитације научноистраживачке делатности и прерасла је у трајну активност. Реализацијом овог извештаја је настављена полазна идеја проистекла из првог циклуса акредитације да се сви резултати у науци настали радом истраживача ФТН обједине и публикују на једном месту. Материјална основа и за овај Годишњи извештај је програмска апликација „Картон научног радника“ која је развијена и усавршена на Факултету техничких наука уз помоћ Покрајинског секретаријата за науку и технолошки развој.

Поред резултата научноистраживачког рада у 2015. години дат је списак и свих радова објављених до краја 2015. године у часописима са импакт фактором у циљу представљања репрезентативних резултата. Поред представљања научноистраживачких резултата, овај извештај је и својеврсна база за наредни циклус акредитације научноистраживачке делатности Факултета техничких наука.

1.0 УВОД

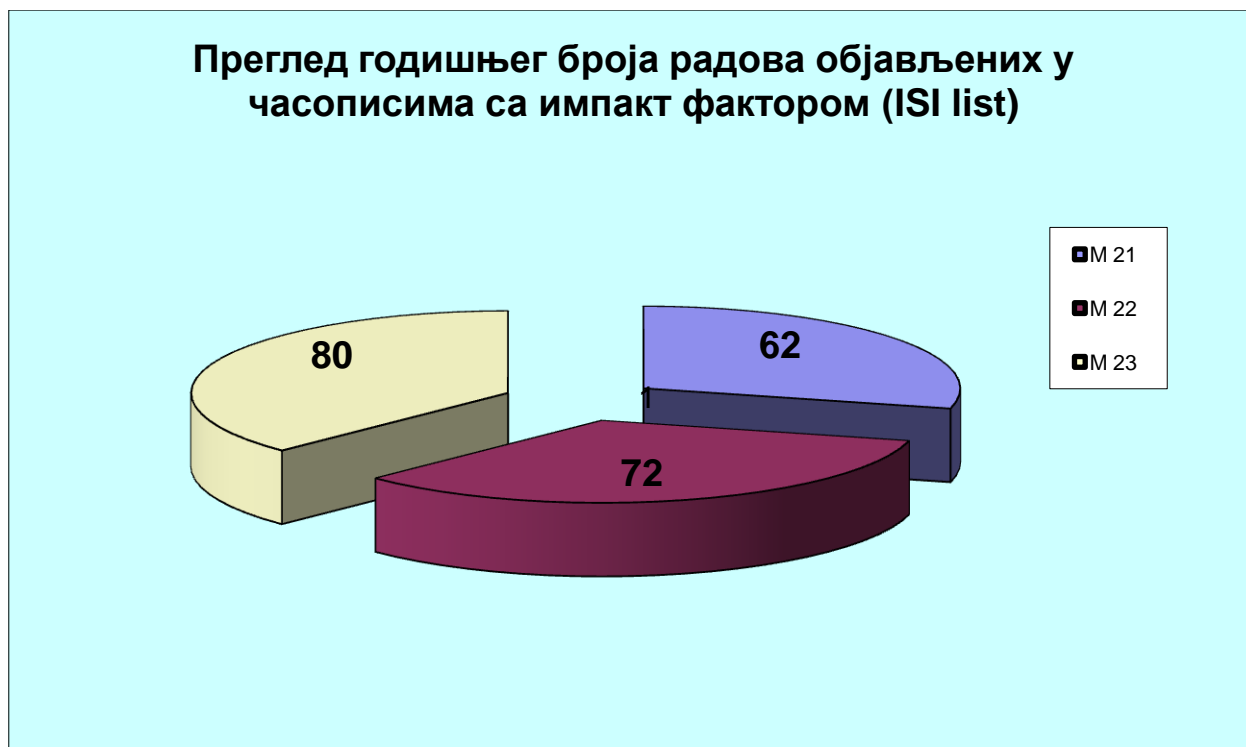
Научноистраживачка делатност на Факултету техничких наука представља једну од три основне делатности којим се бави Факултет, поред наставе и примене резултата у привреди. Факултет техничких наука располаже са бројним лабораторијама и осталом неопходном инфраструктуром (јак интернет, добро опремљена библиотека, приступ преко Кобсона највећем броју квалитетних светских научних часописа итд) што представља добру основу за квалитетан истраживачки рад и реализацију добрих идеја.

Законским решењима, донетим увођењем Закона о високом образовању 2005. године, а нарочито правилима акредитације студијских програма и високошколских установа, дат је јак импулс у смеру појачања научноистраживачке делатности. Условљеност одбране докторске дисертације са објављивањем најмање једног рада у квалитетном часопису као и условљеност избора у наставничка звања са објављивањем одговарајућег броја квалитетних радова довела је до значајног повећања броја објављених радова у часописима са импакт фактором.

Факултет техничких наука је предузео читав низ мера како би поспешео научноистраживачку делатност и додатно подстакао своје асистенте и наставнике да буду продуктивнији у овој области. Неке од тих подстицајних мера су следеће:

- Истраживачи имају додатак на плату у зависности од броја објављених радова. Категорије су **1 рад** (тима се омогућава учешће у настави на докторским студијама), **5 радова** (чиме се омогућава да наставник буде ментор на докторским студијама) и **10 и више радова** (као подстицај за континуирано бављење овом делатношћу).
- Уведена је годишња награда, која се додељује поводом Дана ФТН-а, за најбољег научника на Факултету. Поред великог признања и стимулативна новчана награда даје додатни подстицај.
- Направљена је Канцеларија за међународну сарадњу, која, поред рада са студентима по питањима размене, има за циљ подршку у проналажењу и помоћ у реализацији међународних научних пројеката.

На слици 1 је приказан преглед броја објављених радова у часописима са импакт фактором (*ISI list*).



Слика 1. Преглед годишњег броја радова објављених у часописима са импакт фактором (*ISI list*)

Може се уочити тренд сталног повећавања броја објављених радова у квалитетним часописима све до 2012. године, као последица, између осталог, и деловања донетих подстицајних мера. У 2013. години први пут долази до пада броја објављених радова. То није резултат смањења научноистраживачког рада већ представља заокрет у смеру даљег повећавања квалитета објављених радова. Наиме, током претходних година, уочено је да одређени број часописа, мада формално јесу на листи часописа са импакт фактором (*ISI list*), ипак објављује одређен број радова који по квалитету не заслужују такав ранг.

Након својеврсне „побуне“ академске јавности и препоруке надлежних органа (Националног савета за науку и Акредитационе комисије) о вредновању таквих радова, одлучено је да се одређен број часописа који су предњачили у таквим активностима (ТТМ, HealthMed, Metalurgia International, ...) интерно скине са листе часописа са импакт фактором, односно да се радови објављени у тим, такозваним предаторским часописима, на рачунају као они који квалификују њихове ауторе за приступ одбрани докторске дисертације и за бирање у наставничка звања.

Овако оштра одлука је имала за последицу да се значајан број радова аутора са ФТН-а такође нађе на списку оних који се не рачунају за горе наведене активности и то се види као опадање укупног броја објављених радова у часописима са импакт фактором. Верујемо да ће ова мера, на дуже стазе гледано, довести до тога да аутори много више пажње поклоне избору часописа у коме ће објавити своје резултате и да ће се мање поводити за лакоћом или брзином објављивања а тиме се подстичу на квалитетнији рад у овој области.

Факултет техничких наука континуирано наставља да ради у правцу подстицања научноистраживачке делатности а нагласак током 2015. године је био нарочито на подстицању младих истраживача. Активно бављење младих истраживача науком се подстиче на више начина:

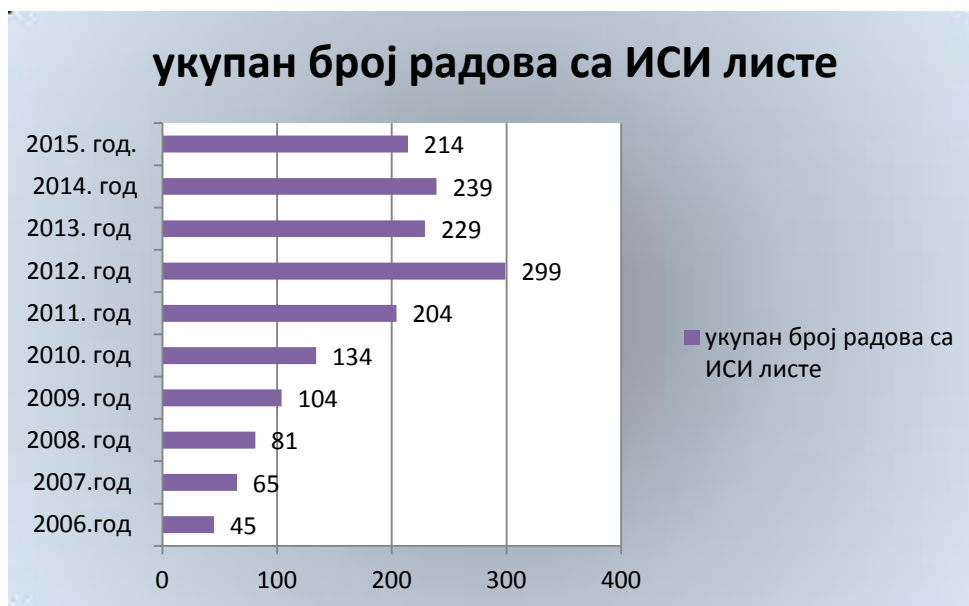
- Сваке године се прима одређени број квалитетних дипломаца и мастера у својству истраживача сарадника на постојеће пројекте које финансира Министарство просвете, науке и технолошког развоја. Поред стипендија које им обезбеђује Министарство, Факултет техничких наука им обезбеђује просторне и све друге могућности за рад у овој области.
- Награда за најбољег научника се ограничава на старост до 40. година.
- Факултет је постао координатор FP7 пројекта FET EYE за Србију који за циљ има да оснажи младе докторанте а чији ће се пуни ефекат видети током наредних година.

У складу са тим, овогодишњи добитник награде за најбољег научника на Факултету техничких наука је проф. др Дејан Вукобратовић чији су резултати, у категорији научника до 40 година, стварно импресивни.

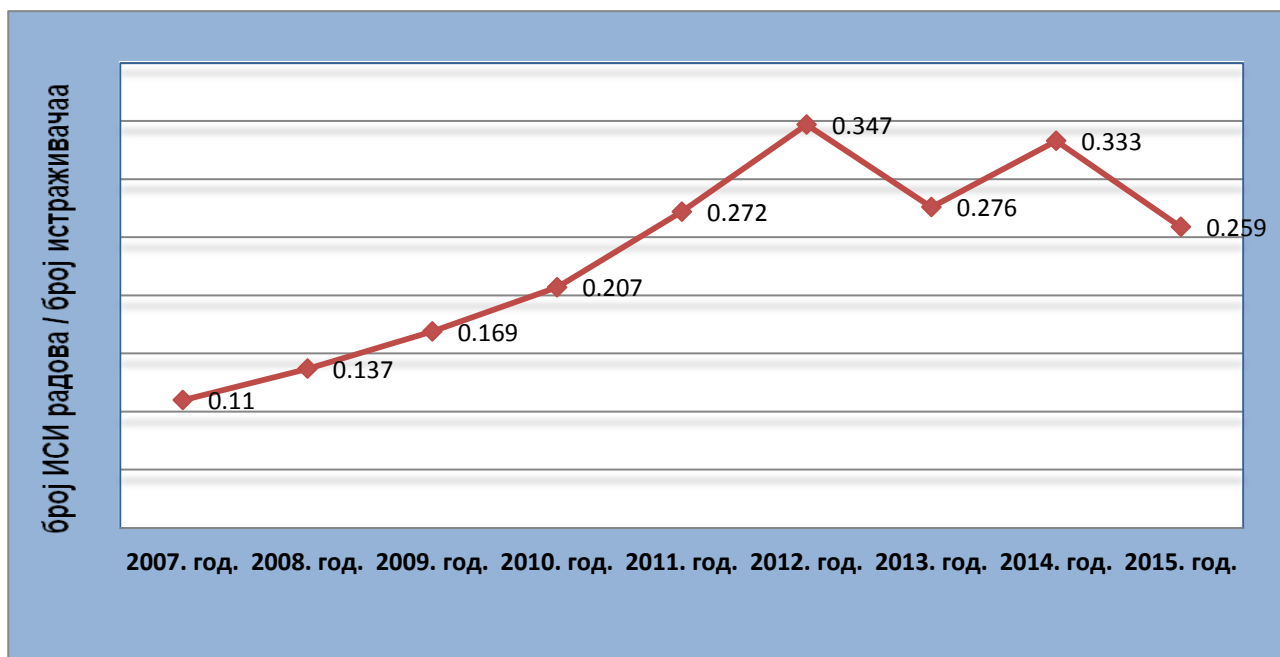
Поред тога, уведена је још једна мера којом се спречава „спавање“ на старој слави. Наиме, почевши од 2014. године, за подстицајни додатак на плату због објављених радова се рачунају само радови објављени у последњих пет година. Ова мера доприноси својеврсној ажурности и бризи да се континуално објављују резултати научног рада.

У **поглављу 2** су приказани радови објављени у часописима међународног значаја ранга M21, M22, M23 тј. часописима са импакт фактором (*ISI list*) заједно за цео Факултет техничких наука.

На слици 2 је приказана бројна структура ових радова у облику дијаграма а на слици 3 је приказан преглед броја радова по годинама у односу на укупан број истраживача.



Слика 2. Преглед броја радова објављених у часописима са импакт фактором (ISI list) у последњих осам година



Слика 3. Преглед броја ISI радова у односу на укупан број наставника и сарадника

У поглављу 3 се приказује укупна научна продукција ФТН-а расподељена по Департманима а у поглављу 4 су дате репрезентативне референце истраживача такође расподељене по Департманима у саставу Факултета техничких наука.

**2.0 РАДОВИ ОБЈАВЉЕНИ У
ЧАСОПИСИМА МЕЂУНАРОДНОГ ЗНАЧАЈА
РАНГА M21, M22, M23, ТЈ. ЧАСОПИСИМА
СА ISI ЛИСТЕ (СА ИМПАКТ ФАКТОРОМ)
У ТОКУ 2015. ГОДИНЕ**

Редни број	М	Библиографска одредница научног рада
1	21	Bajšanski I., Milošević D., Savić S.: Evaluation and improvement of outdoor thermal comfort in urban areas on extreme temperature days: Applications of automatic algorithms, Building and Environment, 2015, No 94, pp. 632-643, ISSN 0360-1323
2	21	Arsenović-Vasić M., Radojević Z., Jakšić Ž., Pezo L.: Mathematical Approach to Application of Industrial Wastes in Clay Brick Production— Part Ii: Optimization, Ceramics International, (2015), vol. 41 br. 3, str. 4899-4905, ISSN 0272-8842
3	21	Baloš S., Radišavljević I., Rajnović D., Dramićanin M., Tabaković S., Erić-Cekić O., Šiđanin (Sidjanin) L.: Geometry, mechanical and ballistic properties of ADI material perforated plates, Materials and Design, 2015, Vol. 83, pp. 66-74, ISSN 0261-3069
4	21	Bučko S., Katona J., Popović Lj., Vaštag Ž., Petrović L., Vučinić-Vasić M.: Investigation on solubility, interfacial and emulsifying properties of pumpkin (Cucurbita pepo) seed protein isolate, Lwt-Food Science & Technology (Lebensmittel - Wissenschaft Und Technologie), 2015, Vol. 64, pp. 609-615, ISSN 0023-6438
5	21	Bartoletti M., Castellani I., Denielou P., Dezani-Ciancaglini M., Gilezan S., Pantović J., Perez J., Thiemann P., Toninho B., Vieira H.: Combining behavioural types with security analysis, Journal of Logic and Algebraic Programming, 2015, No 84, pp. 763-780, ISSN 1567-8326
6	21	Dehghan A., Kovačević A., Karystianis G., Keane J.: Combining knowledge-and data-driven methods for de-identification of clinical narratives, J Biomed Inform, doi:10.1016/j.jbi.2008.01.005, 2015, Vol. 58, pp. 53-59, ISSN 1532-0464, UDK: 10.1016/j.jbi.2015.06.029
7	21	Dejanović I., Milosavljević G., Vaderna R.: Arpeggio: A Flexible PEG Parser for Python, Knowledge-based Systems, 2015, DOI: 10.1016/j.knosys.2015.12.004 ISSN 0950-7051
8	21	Stojaković M., Carić B., Došenović (Žikić) T., Gajić Lj.: Fixed point of multivalued integral type of contraction mappings, Fixed Point Theory and Applications, doi:10.1186/s13663-015-0396-0 2015, ISSN 1687-1820
9	21	Duck G., Kovačević A., Robertson D., Stevens R., Nenadic G.: Ambiguity and variability of database and software names in bioinformatics, Journal of Biomedical Semantics, 2015, Vol. 6, No 1, pp. 29-40, ISSN 2041-1480
10	21	Dujak D., Lončarević I., Budinski-Petković Lj., Vrhovac S., Karač A.: Adsorption-desorption processes of polydisperse mixtures on a triangular lattice, Physical Review E, 2015, Vol. 91, No 032414, pp. 1-9, ISSN 1539-3755
11	21	Ivančević V., Tušek I., Tušek J., Knežević M., Elheshk S., Luković I.: Using Association Rule Mining to Identify Risk Factors for Early Childhood Caries, Computer Methods and Programs in Biomedicine,

		2015, Vol. 122, No 2, pp. 175-181, ISSN 0169-2607, UDK: DOI: 10.1016/j.cmpb.2015.07.008
12	21	Ivanović D., Fu H., Ho Y.: Publications from Serbia in the Science Citation Index Expanded: a bibliometric analysis, <i>Scientometrics</i> , 2015, Vol. 105, No 1, pp. 145-160, ISSN 0138-9130
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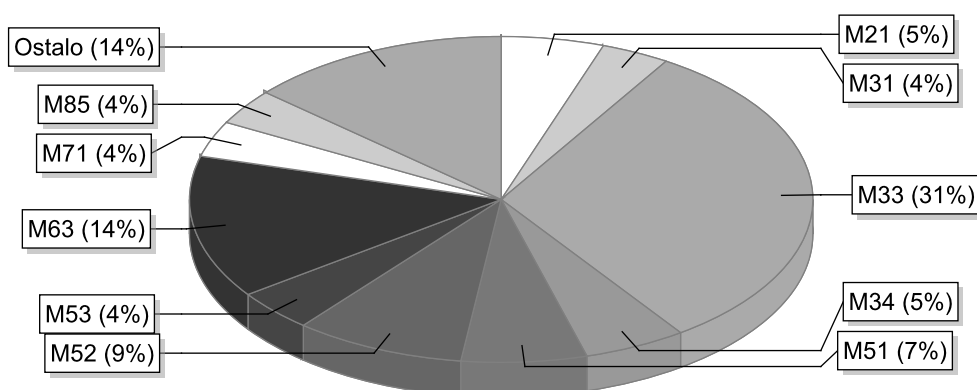
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211	23	Filipovic Miroslava, Buncic Sonja (2015) Global Economic Governance: A New Regime through Soft Law?, Uluslararası İlişkiler-International Relations, (2015), vol. 11 br. 44, str. 101-120, ISSN 1304-7310
212	23	Novaković M., Šešlija D., Čajetinac S., Todorović M.: Impact of Capturing Used Air on the Dynamics of Actuator Drive, Control Engineering and Applied Informatics, 2015, Vol. 17, No 2, pp. 82-89, ISSN 1454-8658
213	23	Kostić V., Nedović M., Cvetković Lj.: Generalizations of Nekrasov matrices and applications, Central European Journal of mathematics, 2015, Vol. 13, pp. 96-105

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Departman za proizvodno mašinstvo

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	1
Rad u vrhunskom međunarodnom časopisu	M21	9
Rad u istaknutom međunarodnom časopisu	M22	4
Rad u međunarodnom časopisu	M23	4
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	2
Uređivanje međunarodnog naučnog časopisa	M28	1
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	6
Saopštenje sa međunarodnog skupa štampano u celini	M33	53
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	9
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	2
Poglavlje u knjizi M41 ili rad u istaknutom tematskom zborniku vodećeg nacionalnog značaja	M44	1
Poglavlje u knjizi M42 ili rad u tematskom zborniku nacionalnog značaja	M45	1
Rad u vodećem časopisu nacionalnog značaja	M51	11
Rad u časopisu nacionalnog značaja	M52	15
Rad u naučnom časopisu	M53	7
Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini	M61	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	24
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	4
Obranjena doktorska disertacija	M71	6
Bitno poboljšani postojeći proizvod ili tehnologija	M84	2
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	6

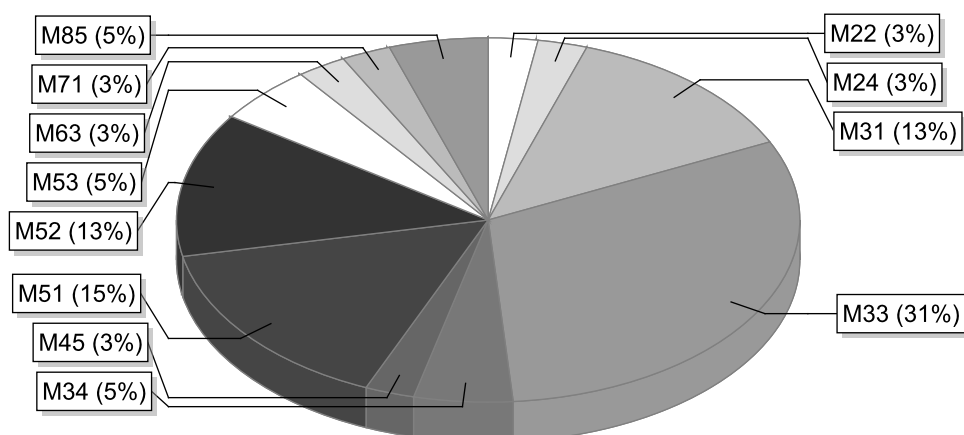


GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za procese obrade skidanjem materijala

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	5
Saopštenje sa međunarodnog skupa štampano u celini	M33	12
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	2
Poglavlje u knjizi M42 ili rad u tematskom zborniku nacionalnog značaja	M45	1
Rad u vodećem časopisu nacionalnog značaja	M51	6
Rad u časopisu nacionalnog značaja	M52	5
Rad u naučnom časopisu	M53	2
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	1
Odbranjena doktorska disertacija	M71	1
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	2



PRODUKCIJA - REZULTATI

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Hadžistević M., Štrbac B., Spasić Jokić V., Delić M., Sekulić M., Hodolić J.: Factors of estimating flatness error as a surface requirement of exploitation, *Metalurgija*, 2015, Vol. 54, No 1, pp. 239-242, ISSN 0543-5846

Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

1. Kovač P., Rodić D., Savković B., Pucovski (Pucovsky) V., Gostimirović M.: Modelling Tool Wear in Avoiding the Risk of Breakage by Using Fuzzy Logic, Structural Integrity and Life, 2015, Vol. 15, No 2, pp. 103-109, ISSN 1451-3749, UDK: 621

Spisak rezultata M31 - Predavanje po pozivu sa međunarodnog skupa štampano u celini

1. Gostimirović M., Pucovski (Pucovsky) V., Kovač P., Sekulić M., Savković B.: An analytical study of energy partition in grinding - Invited paper, 8. International Congress on Precision Machining - ICPM, Novi Sad: Faculty of Technical Sciences, University of Novi Sad, 1-3 Oktobar, 2015, pp. 81-86, ISBN 978-86-7892-742-3
2. Gostimirović M., Rodić D., Kovač P., Jesić D., Kulundzic N.: AN EXPERIMENTAL STUDY OF THE CUTTING FORCES IN CREEP-FEED GRINDING - Invited paper, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrievlje: Faculty of Technical Sciences, 25-26 Septembar, 2015, pp. 21-24, ISBN 978-86-7892-722-5
3. Kovač P., Pucovski (Pucovsky) V., Gostimirović M., Savković B., Šoš Lj., Ješić D.: Cutting force during grinding determined by regression analysis and genetic algorithms, 8. International Congress on Precision Machining - ICPM, Novi Sad: Faculty of Technical Sciences, University of Novi Sad, 1-3 Oktobar, 2015, pp. 13-18, ISBN 978-86-7892-742-3
4. Muženić D., Kramar D., Sekulić M., Gostimirović M., Kopač J.: Hybrid Manufacturing; Cutting Processes with Laser Assistance - Invited paper, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrievlje: Faculty of Technical Sciences, 25-26 Septembar, 2015, pp. 1-4, ISBN 978-86-7892-722-5
5. Sekulić M., Djurica D., Kovač P., Gostimirović M., Kramar D.: Using advanced CAM system in modern machining, 8. International Congress on Precision Machining - ICPM, Novi Sad: Faculty of Technical Sciences, University of Novi Sad, 1-3 Oktobar, 2015, pp. 27-32, ISBN 978-86-7892-742-3

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Gostimirović M., Kovač P., Ildiko M., Savković B., Sekulić M.: Experimental Research on the Surface Roughness of Creep-Feed Grinding Process, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket: Prince of Songkla University, Faculty of Engineering Hat Yai, Songkhla, 19-20 Jun, 2015, pp. 104-107
2. Ješić D., Kovač P., Gvozdenović N., Rodić D., Aleksić Ž.: FRICTION AND WEAR IN THE SLIDING CONTACT WITH DIFERENT COATINGS, 8. Međunarodni naučni skup Savremeni materijali, Banja Luka: Academy of Sciences and Arts of the Republic of Srpska, 6-7 Septembar, 2015, pp. 573-578, ISBN 978-99938-21-80-9
3. Kovač P., Petrović V., Pucovski (Pucovsky) V., Birčanin B., Savković B., Gostimirović M., Rokosz K.: Modelling of Energy Efficiency Cart of Solar Energy Collectors, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket: Prince of Songkla University, Faculty of Engineering Hat Yai, Songkhla, 19-20 Jun, 2015, pp. 151-154
4. Kovač P., Rodić D., Pucovski (Pucovsky) V., Savković B., Gostimirović M., Sekulić M., Mankova I.: Application of Intelligent Techniques and Regression Analysis for Modelling Cutting Temperature in Face Milling, 23. ABCM International Congress of Mechanical Engineering - COBEM, Rio de Janeiro: Brazilian Society of Mechanical Sciences and Engineering - ABCM, 6-11 Decembar, 2015, pp. 1-4
5. Kovač P., Savković B., Gostimirović M., Rodić D., Holešovský F., Sekulić M.: Small Scale agro Slurry Biogas Plants for medium - sized farms, 9. International Scientific Conference XXI Century Environment - MASXXI, Cayo Santa Maria: Faculty of Mechanical Engineering, UCLV, 24-27 Novembar, 2015, pp. 1-10, ISBN 978-959-312-031-9
6. Kovač P., Savković B., Ješić D., Gostimirović M.: Effect of head treatment on the fatigue strength of steel en 42CrMoS4, 8. Međunarodni naučni skup Savremeni materijali, Banja Luka: Academy of Sciences and Arts of the Republic of Srpska, 6-7 Septembar, 2015, pp. 547-559, ISBN 978-99938-21-80-9
7. Pucovski (Pucovsky) V., Sekulić M., Kramar D., Gostimirović M., Kopač J.: Ultrasonic Assisted Turning, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrievlje: Faculty of Technical Sciences, 25-26 Septembar, 2015, pp. 29-32, ISBN 978-86-7892-722-5

8. Puh F., Jurković Z., Cukor G., Perinić M., Brezočnik M., Sekulić M.: Multi- Response Optimization of Turning Parameters Using the Grey-Based Taguchi Method, 19. International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" - TMT, Barcelona: MULTI- RESPONSE OPTIMIZATION OF TURNING PARAMETERS USING THE GREY-BASED TAGUCHI METHOD, 22-23 Jul, 2015, pp. 13-16
9. Sekulić M., Gostimirović M., Jurković Z., Spaić O., Pejić V.: Optimization of Machining Parameters in Ball-End Milling Using Taguchi Method, 19. International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" - TMT, Barcelona: University of Zenica, Universitat Politècnica de Catalunya, Bahcesehir University Istanbul, 22-23 Jul, 2015, pp. 17-20
10. Sekulić M., Kovač P., Gostimirović M., Hadžistević M., Rodić D., Pucovski (Pucovsky) V.: Modeling of the Main Cutting Force in Face Milling Hardened Steel by Rotatable Central Composite Design of Experiments, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrevlje: Faculty of Technical Sciences, 25-26 Septembar, 2015, pp. 13-16, ISBN 978-86-7892-722-5
11. Šoos Lj., Kovač P., Matuš M., Križan P., Beniak J.: DYNAMIC ANALYSIS SPINDEL-BEARINGS SYSTEM (SBS) OF THE HEADSTOCK MACHINE TOOLS, 14. Conference on Applied Mathematics - APLIMAT, Bratislava: Faculty of Mechanical Engineering, Slovak University of Technology in Bratislava, 3-5 Februar, 2015, pp. 1-5
12. Šoos Lj., Ondruška J., Kovač P., Čačko V.: Development of Modular Flood Barrier Concept Made from Recycled Plastic, Applied Mechanics and Materials, 2015, Vol. 832, No 1, pp. 168-173, ISSN 1660-9336, 21. TOP 2015-Engineering of environment protection, Bratislava: Trans Tech Publications Ltd, Switzerland, 23-25 Jun, 2015, pp. 168-173, ISBN 978-3-0357-1015-1

Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

1. Adamović (Majkić) S., Kovač P., Prica M., Pavlović Ž., Stančić M.: The success of electrocoagulation/flotation treatment in removing turbidity from waste fountain solution, 21. TOP 2015-Engineering of environment protection, Bratislava: Slovak University of Technology in Bratislava, 23-25 Jun, 2015, pp. 18-18, ISBN 978-80-227-4376-1
2. Prica M., Kovač P., Tričković J., Adamović (Majkić) S., Velimirović M.: Engineered nanomaterials in waste streams, 21. TOP 2015-Engineering of environment protection, Bratislava: Slovak University of Technology in Bratislava, 23-25 Jun, 2015, pp. 64-64, ISBN 978-80-227-4376-1

Spisak rezultata M45 - Poglavlje u knjizi M42 ili rad u tematskom zborniku nacionalnog značaja

1. Kovač P., Savković B., Kulundžić N., Gostimirović M., Holešovský F., Sekulić M.: Simulation of Temperature Distribution on the 3D Moving Cutting Tool, Cracow, Cracow University of Technology, 2015, str. 20-26, ISBN 978-83-7242-844-8

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

1. Bachraty M., Kralik M., Tolnay M., Tekulova Z., Kovač P., Pucovski (Pucovsky) V.: Test equipment for measuring of friction factor of cutting environment, Scientific Proceedings, 2015, Vol. 23, No 1, pp. 69-77, ISSN 1338-1954
2. Kovač P., Ješić D., Kirin S., Savković B.: Zagađenje voda uzrokovano uljima koja potiču od sredstava za čišćenje i odmaščivanje, Savremena poljoprivredna tehnika, 2015, Vol. 41, No 1, pp. 17-24, ISSN 0350-2953
3. Kovač P., Ješić D., Savković B., Gostimirović M.: Determination of the Most Favourable Friction Moment for Screw Tightening, Machine Design, 2015, Vol. 7, No 2, pp. 35-40, ISSN 1821-1259
4. Kovač P., Savković B., Ješić D., Mankova I.: Ispitivanje visokootpornih prevlaka na mašinskim delovima na abrazivno habanje, Savremena poljoprivredna tehnika, 2015, Vol. 41, No 2, pp. 95-102, ISSN 0350-2953, UDK: 621.78
5. Madić M., Radovanović M., Cojbasic Z., Nedić B., Gostimirović M.: Fuzzy Logic Approach for the Prediction of Dross Formation in CO₂ Laser Cutting of Mild Steel, Journal of Engineering Science and Technology Review, 2015, Vol. 8, No 3, pp. 143-150, ISSN 1791-2377
6. Madić M., Radovanović M., Gostimirović M.: Ann modeling of kerf transfer in Co₂ laser cutting and optimization of cutting parameters using monte carlo method, International Journal of Industrial Engineering Computations, 2015, Vol. 6, pp. 33-42, ISSN 1923-2926

Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Gostimirović M., Kovač P., Radovanović M., Madić M., Krajny Z.: MODULAR DESIGN OF UNCONVENTIONAL CUTTING MACHINE TOOLS, Journal of Production Engineering, 2015, Vol. 18, No 1, pp. 27-30, ISSN 1821-4932

2. Gostimirović M., Rodić D., Kovač P., Ješić D., Kulundžić N.: INVESTIGATION OF THE CUTTING FORCES IN CREEP-FEED SURFACE GRINDING PROCESS, Journal of Production Engineering, 2015, Vol. 18, No 2, pp. 21-24, ISSN 1821-4932, UDK: 621
3. Kulundžić N., Gostimirović M., Kovač P., Sekulić M., Savković B.: Micro Cutting Simulation of Abrasive Grains in the Grinding Process, Journal of Production Engineering, 2015, Vol. 18, No 2, pp. 25-28, ISSN 1821-4932, UDK: 621
4. Plavšić M., Mirjanić S., Božičković Z., Kovač P., Rodić D., Ješić D.: DAMAGE MECHANISMS OF AUSTENITIC CHROMIUM-NICKEL PIPES IN EXPLOITATION, Journal of Production Engineering, 2015, Vol. 18, No 2, pp. 47-50, ISSN 1821-4932, UDK: 621
5. Todić A., Pejović B., Kovač P., Ješić D., Savković B.: Improve of Toughness and Hardness of High Alloyed Steel by Vanadium and Appropriate Heat Treatment, Journal of Production Engineering, 2015, Vol. 18, No 1, pp. 13-17, ISSN 1821-4932

Spisak rezultata M53 - Rad u naučnom časopisu

1. Puh F., Jurković Z., Perinić M., Cukor G., Brezočnik M., Sekulić M.: Multi- Response Optimization of Turning Parameters Using the Grey-Based Taguchi Method, Journal of Trends in the Development of Machinery and Associated Technology, 2015, Vol. 19, No 1, pp. 13-16, ISSN 2303-4009
2. Sekulić M., Gostimirović M., Jurković Z., Spaić O., Pejić V.: Optimization of Machining Parameters in Ball-End Milling Using Taguchi Method, Journal of Trends in the Development of Machinery and Associated Technology, 2015, Vol. 19, No 1, pp. 17-20, ISSN 2303-4009

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Kovač P., Ješić D., Gvozdrenović N., Gostimirović M., Pucovski (Pucovsky) V.: ISTRAŽIVANJE TRIBOLOŠKIH KARAKTERISTIKA RAZLIČITIH ULJA PRIMENJENIH U TRIBOMEHANIČKOM SISTEMU, 12. International Conference on Tribology - SERBIATRIB, Kragujevac: University of Belgrade, Faculty of Mechanical Engineering, 11-13 Maj, 2011, pp. 605-610

Spisak rezultata M71 - Odbranjena doktorska disertacija

1. Savković B.: Modeliranje funkcija obradivosti pri procesu obrade glodanjem, doktorska disertacija, Novi Sad, Faculty of Technical Sciences, University of Novi Sad, 2015, str. 1-214

Spisak rezultata M85 - Prototip, nova metoda, softver, standardizovan ili atestiran instrument,

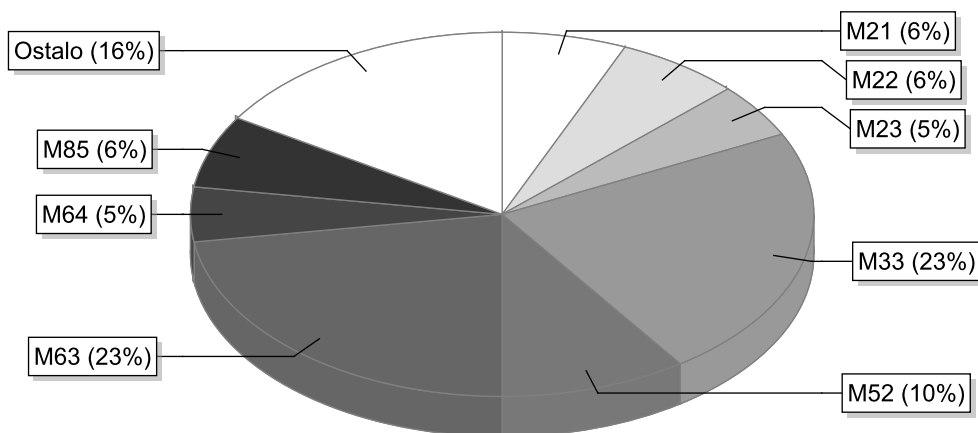
1. Kovač P., Ješić D., Gostimirović M., Savković B., Rodić D.: Uređaj za tribološko ispitivanje kliznih ležajeva od metalnih materijala, polimera i kompozita, 2015
2. Kovač P., Ješić D., Gostimirović M., Sekulić M., Pucovski (Pucovsky) V.: Uređaj za ispitivanje otpornosti na abraziju po metodi suv pesak i gumeni točak, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za metrologiju, kvalitet, pribore, alate i ekološko-inženjerske aspekte

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	1
Rad u vrhunskom međunarodnom časopisu	M21	4
Rad u istaknutom međunarodnom časopisu	M22	4
Rad u međunarodnom časopisu	M23	3
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Uređivanje međunarodnog naučnog časopisa	M28	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	14
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	2
Rad u časopisu nacionalnog značaja	M52	6
Rad u naučnom časopisu	M53	2
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	14
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	3
Odbranjena doktorska disertacija	M71	1
Bitno poboljšan postojeći proizvod ili tehnologija	M84	2
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	4



PRODUKCIJA - REZULTATI

Spisak rezultata M14 - Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja

1. Lazarević M., Čosić I., Vukelić Đ., Sremčev N., Bajčeta D.: Traceability of machining cutting tools and fixtures in the production system using the RFID technology, Vienna, DAAAM International, 2015, str. 415-422, ISBN 978-3-902734-05-1

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Ilić Mićunović M., Budak I., Vučinić-Vasić M., Nagode A., Kozmidis-Luburić U., Hodolič J., Puškar T.: Size and shape particle analysis by applying image analysis and laser diffraction – Inhalable dust in a dental laboratory, Measurement, 2015, Vol. 66, No C, pp. 109-117, ISSN 0263-2241, UDK: 10.1016/j.measurement.2015.01.028
2. Mrkajić V., Vukelić Đ., Mihajlov A.: Reduction of CO2 emission and non-environmental co-benefits of bicycle infrastructure provision: the case of the University of Novi Sad, Serbia, Renewable and Sustainable Energy Reviews, 2015, Vol. 49, No 9, pp. 232-242, ISSN 1364-0321
3. Ranđelović S., Tadić B., Todorović P., Vukelić Đ., Miloradović D., Radenković M., Tsiafis C.: Modelling of the ball burnishing process with a high-stiffness tool, International Journal of Advanced Manufacturing Technology, 2015, Vol. 81, No 9, pp. 1509-1518, ISSN 0268-3768
4. Todorović P., Tadić B., Vukelić Đ., Jeremić M., Ranđelović S., Nikolić R.: Analysis of the influence of loading and the plasticity index on variations in surface roughness between two flat surfaces, Tribology International, 2015, Vol. 81, pp. 276-282, ISSN 0301-679X

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Hadžistević M., Štrbac B., Spasić Jokić V., Delić M., Sekulić M., Hodolič J.: Factors of estimating flatness error as a surface requirement of exploitation, Metalurgija, 2015, Vol. 54, No 1, pp. 239-242, ISSN 0543-5846
2. Puškar T., Lapčević A., Arandjelović S., Radulović S., Budak I., Vukelić Đ., Jevremović D.: Comparative study of cytotoxicity of direct metal laser sintered and cast Co-Cr-Mo dental alloy, Metalurgija, 2015, Vol. 54, No 3, ISSN 0543-5846
3. Santoši Ž., Šokac M., Korolija-Crkvenjakov D., Kosec B., Soković M., Budak I.: Reconstruction of 3D models of cast sculptures using close range photogrammetry, Metalurgija, 2015, Vol. 54, No 4, pp. 695-698, ISSN 0543-5846, UDK: 669.35.6:739.5.7 i2.7:620.18=111
4. Tadić B., Todorović P., Novkinić B., Buchmeister B., Radenković M., Budak I., Vukelić Đ.: Fixture layout design based on a single-surface clamping with local deformation, International Journal of Simulation Modelling, 2015, Vol. 14, No 3, pp. 379-391, ISSN 1726-4529

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Mirković S., Budak I., Puškar T., Tadić A., Šokac M., Santoši Ž., Đurđević Mirković T.: Application of modern Computer-Aided Technologies in the production of individual bone graft: A case report, Vojnosanitetski preglad, 2015, Vol. 72, No 12, pp. 1126-1131, ISSN 0042-8450
2. Tabaković S., Konstantinović V., Radosavljić R., Movrin D., Hadžistević M., Hatab N.: Application of Computer-Aided Designing and Rapid Prototyping Technologies in Reconstruction of Blowout Fractures of the Orbital Floor, Journal of Craniofacial Surgery, 2015, Vol. 26, No 5, pp. 1558-1563, ISSN 1049-2275
3. Vrba I., Palenčar R., Hadžistević M., Štrbac B., Spasić Jokić V., Hodolič J.: Different Approaches in Uncertainty Evaluation for Measurement of Complex Surfaces Using Coordinate Measuring Machine, Measurement Science Review, 2015, Vol. 15, No 3, pp. 111-118, ISSN 1335-8871

Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

1. Kočović V., Mitrović S., Mihajlović G., Mijatović M., Bogdanović B., Vukelić Đ., Tadić B.: Applications of Friction Stir Processing during Engraving of Soft Materials, Tribology in Industry, 2015, Vol. 37, No 4, pp. 434-439, ISSN 0354-8996

Spisak rezultata M28 - Uređivanje međunarodnog naučnog časopisa

1. Vukelić Đ.: International Editorial Council, Tehnicki vjesnik - Technical Gazette, 2015, Vol. 22, ISSN 1330-3651

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Bojanić M., Hadžistević M., Mladenović C.: Straightness examination of CMM axis, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrijević: University of Novi Sad, Faculty of Technical Science,

25-26 Septembar, 2015, pp. 83-86, ISBN 978-86-7892-722-5

2. Gluvakov Z., Agarski B., Košut Z., Hodolič J., Kosec B., Milijić V.: Multi-Criteria Assessment of Agricultural and Wood Biomass Pellets from Environmental and Energy Perspective, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrevlje: Faculty of Technical Sciences in Novi Sad, 25-26 Septembar, 2015, pp. 211-214, ISBN 978-86-7892-722-5
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6. Matin I., Hadžistević M., Hodolič J., Vukelić Đ., Medić V.: The quality management of the injection molding process, 8. International Working Conference "Total Quality Management - Advanced and Intelligent Approaches" - TQM & AIA, Beograd: Faculty of Mechanical Engineering, 1-5 Jun, 2015, pp. 376-371, ISBN 978-86-7083-859-8
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13. Vicko K., Potran M., Štrbac B., Vukelić Đ.: Dimensional accuracy of monophasic impression technique- influence of setting time on accuracy of working casts, 9. International Quality Conference, Kragujevac: Faculty of Engineering, 4-6 Jun, 2015, pp. 307-310, ISBN 978-86-6335-015-1
14. Zoraja B., Hadžistević M., Čabarkapa M.: Psihološki aspekti reagovanja učesnika u vanrednim situacijama, 10. 10th INTERNATIONAL CONFERENCE MANAGEMENT AND SAFETY M&S 2015, Opatija, 12-13 Jul, 2015, pp. 200-211, ISBN 978-953-58000-3-3, UDK: 159.9:614.8

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2. Budak I., Szita Toth K.: How the public transport can be green?, 25. SETAC Europe Annual Meeting, Barcelona: SETAC Europe, 3-7 Maj, 2015, pp. 192-192

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3. Lanc Z., Zeljković M., Štrbac B., Živković A., Drstvenšek I., Hadžistević M.: The Determination of the Emissivity of Aluminum Alloy AW 6082 Using Infrared Thermography, Journal of Production Engineering, 2015, Vol. 18, No 1, pp. 23-26, ISSN 1821-4932, UDK: 621
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5. Šokac M., Budak I., Ralević N., Soković M., Santoši Ž.: Accuracy analysis of clustering algorithms for segmentation of industrial CT images, Journal of Production Engineering, 2015, Vol. 18, No 1, pp. 65-68, ISSN 1821-4932, UDK: 621
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Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

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2. Gluvakov Z., Agarski B., Košut Z., Hodolič J., Imamović N., Milić V.: Vrednovanje peleta od poljoprivredne i drvne biomase višekriterijumskom analizom, 9. International Scientific Conference "Metrology and Quality in Production Engineering and Environmental Protection" - ETIKUM, Novi Sad: Fakultet tehničkih nauka u Novom Sadu, 19-20 Jun, 2015, pp. 125-128, ISBN 978-86-7892-712-6
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10. Savić D., Hadžistević M., Mihajlović V., Zoraja B.: Pravilno rukovanje azbestom sa aspekta zaštite na radu, 12. Unapređenje sistema zaštite na radu, Tara, 7-10 Oktobar, 2015, ISBN 978-86-919221-0-8
11. Šokac M., Budak I., Ralević N., Spasić A., Santoši Ž., Vučaj-Ćirilović V., Til V.: Primena metode klasterizacije C-srednjih vrednosti kod segmentacije medicinskih snimaka, 9. International Scientific Conference "Metrology and Quality in Production Engineering and Environmental Protection" - ETIKUM, Novi Sad: Fakultet tehničkih nauka, 19-20 Jun, 2015, pp. 33-36, ISBN 978-86-7892-713-3
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Spisak rezultata M64 - Saopštenje sa skupa nacionalnog značaja štampano u izvodu

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2. Hodolič J., Hadžistević M., Budak I., Vukelić Đ., Agarski B.: Unapređenje kvaliteta proizvoda i procesa primenom metoda ocenjivanja životnog ciklusa i višekriterijumske analize, 8. InterRegioSci, Novi Sad: Autonomna pokrajina Vojvodina, Pokrajinski sekretarijat za nauku i tehnološki razvoja, 2015
3. Korolija-Crkvenjakov D., Santoši Ž., Budak I., Sladoje N., Stojaković V.: 3D DIGITIZATION AS A TOOL IN THE CONSERVATION AND RECREATION OF CULTURAL HERITAGE: A case study of the iconostasis of a destroyed Serbian Orthodox church in Buda, 13. Digitalizacija kulturne baštine i digitalna humanistika, Beograd: Matematički fakultet, Univerzitet u Beogradu, 10-11 Septembar, 2015, pp. 5-5, ISBN 978-86-7589-103-1

Spisak rezultata M71 - Odbranjena doktorska disertacija

1. Agarski B.: Razvoj sistema za inteligentnu višekriterijumsku procenu opterećenja životne sredine kod ocenjivanja životnog ciklusa proizvoda i procesa, Novi Sad, Fakultet tehničkih nauka u Novom Sadu, 2015, str. 1-173

Spisak rezultata M84 - Bitno poboljšani postojeći proizvod ili tehnologija

1. Ranđelović S., Vukelić Đ., Todorović P., Kočović V., Bogdanović B., Ivanović L., Tadić B.: Optimizacija procesa završne obrade kotrljanjem kuglice po površini predmeta obrade na osnovu dubine penetracije kuglice u materijal predmeta obrade, 2015
2. Tadić B., Ranđelović S., Todorović P., Vukelić Đ., Kočović V., Bogdanović B., Jeremić M.: Kruti alat namenjen za završnu obradu metala kotrljanjem kuglice, 2015

Spisak rezultata M85 - Prototip, nova metoda, softver, standardizovan ili atestiran instrument,

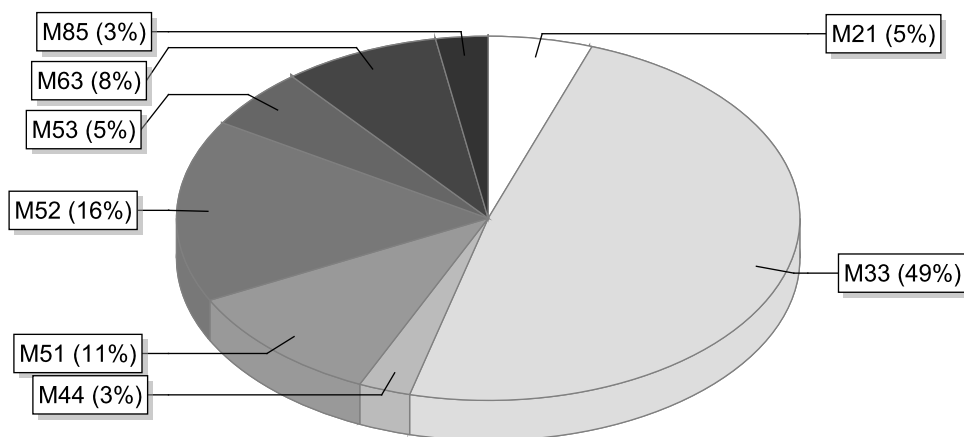
1. Agarski B., Budak I., Srđević B., Vukelić Đ., Ilić Mićunović M., Hodolič J.: Programski sistem za inteligentnu višekriterijumsku analizu proizvoda i procesa, 2015
2. Matin I., Hadžistević M., Hodolič J., Vukelić Đ., Lukić D.: Razvoj programskog sistema za projektovanje alata za injekciono presovanje plastike, 2015
3. Santoši Ž., Budak I., Trifković B., Šokac M., Vukelić Đ., Hadžistević M., Hodolič J.: Nova metoda za akviziciju geometrijskih podataka u dentalnoj protetici na bazi blisko-predmetne fotogrametrije, 2015
4. Šokac M., Budak I., Mirković S., Puškar T., Santoši Ž.: Metod za modelovanje kastomizovanih koštanih graftova u stomatologiji, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za mašine alatke, tehnološke procese, fleksibilne tehnološke sisteme i procese

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u vrhunskom međunarodnom časopisu	M21	2
Saopštenje sa međunarodnog skupa štampano u celini	M33	18
Poglavlje u knjizi M41 ili rad u istaknutom tematskom zborniku vodećeg nacionalnog značaja	M44	1
Rad u vodećem časopisu nacionalnog značaja	M51	4
Rad u časopisu nacionalnog značaja	M52	6
Rad u naučnom časopisu	M53	2
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	3
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	1



PRODUKCIJA - REZULTATI

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Baloš S., Radisavljević I., Rajnović D., Dramićanin M., Tabaković S., Erić-Cekić O., Šidānin (Sidjanin) L.: Geometry, mechanical and ballistic properties of ADI material perforated plates, *Materials and Design*, 2015, Vol. 83, pp. 66-74, ISSN 0261-3069
2. Živković A., Zeljković M., Tabaković S., Milojević Z.: Mathematical modeling and experimental testing of high-speed spindle behavior, *International Journal of Advanced Manufacturing Technology*, 2015, Vol. 77, No 5-8, pp. 1071-1086, ISSN 0268-3768, UDK: DOI: 10.1007/s00170-014-6

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Antić A., Šarić T., Milošević M.: A module for feature extraction within the neuro-fuzzy system for tool wear recognition, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrevlje: Fakultete tehničkih nauka, Novi Sad, 25-26 Septembar, 2015, pp. 63-66, ISBN 978-86-7892-722-5
2. Baloš S., Šidānin (Sidjanin) L., Dramićanin M., Labus Zlatanović D., Antić A.: Influence of Tool Shoulder Geometry on Mechanical Properties and Roughness of FSW Joints, 3. The IIW South-East European Welding Congress, Timisoara, 3-5 Jun, 2015, pp. 1-6
3. Bojanić M., Hadžistević M., Mlađenović C.: Straightness examination of CMM axis, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrevlje: University of Novi Sad, Faculty of Technical Science, 25-26 Septembar, 2015, pp. 83-86, ISBN 978-86-7892-722-5
4. Borojević S., Jovišević V., Todić V., Zeljković M.: Parts Design Based On Manufacturing Features, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrevlje: Novi Sad, Faculty of Technical Science, 25-26 Septembar, 2015, pp. 141-144, ISBN 978-86-7892-722-5
5. Čiča Đ., Zeljković M., Sredanović B., Borojević S.: Identification of Dynamical Contact Parameters for Spindleholder-Tool Assembly Optimization of the Spindle-Bearing System, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrevlje: University of Novi Sad, Faculty of Technical Science, 25-26 Septembar, 2015, pp. 67-70, ISBN 978-86-7892-722-5
6. Đurđev M., Milošević M., Lukić D., Jovičić G., Vukman J.: A review on integrated process planning and production scheduling approach, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrevlje: Faculty of Technical Science, 25-26 Septembar, 2015, pp. 117-120, ISBN 978-86-7892-722-5
7. Đurđev M., Milošević M., Lukić D., Vukman J., Jovičić G.: The optimization of scheduling problems using metaheuristic methods- a brief review , 5. International Conference Industrial Engineering and Environmental Protection - IIZS, Zrenjanin: Technical faculty "Mihajlo Pupin", Zrenjanin, University of Novi Sad, 15-16 Oktobar, 2015, pp. 382-387, ISBN 978-86-7672-259-4
8. Jovičić G., Milošević M., Lukić D., Vukman J., Đurđev M.: Application of multi-agent systems within the concept of distributed intelligent production, 12. International Conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology - DEMI, Banja Luka: FACULTY OF MECHANICAL ENGINEERING UNIVERSITY OF BANJA LUKA, 29-30 Maj, 2015, pp. 139-146, ISBN 978-99938-39-53-8
9. Knežev M., Živković A., Mlađenović C.: Analysis static and dynamic behavior of hydrodynamic spindle, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrevlje, 25-26 Septembar, 2015, pp. 43-46, ISBN 978-86-7892-722-5
10. Košarac A., Zeljković M., Mlađenović C., Živković A.: Create SISO state space model of main spindle from ansys model, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrevlje, 25-26 Septembar, 2015, pp. 37-42, ISBN 978-86-7892-722-5
11. Košarac A., Zeljković M., Mlađenović C., Živković A.: Modal analysis of a horizontal machining center, 12. International Conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology - DEMI, Banja Luka, 29-30 Maj, 2015, pp. 221-240, ISBN 978-99938-39-53-8
12. Košarac A., Zeljković M., Mlađenović C., Živković A.: State space modeling from FEM model using balanced reduction, 5. International Conference Industrial Engineering and Environmental Protection - IIZS, Zrenjanin, 15-16 Oktobar, 2015, pp. 298-304, ISBN 978-86-7672-259-4
13. Kovačević D., Grubić-Nešić L., Antić A., Mitrović S., Nikolić (Pavlović) J.: DECCE - Development of Engineer's Competencies by Changes in Education, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015, pp. 115-119
14. Lukić D., Todić V., Milošević M., Jovičić G., Vukman J., Đurđev M.: Cost estimation as aspect of design for manufacturing-DfM, 12. International Conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology - DEMI, Banja Luka: FACULTY OF MECHANICAL ENGINEERING

UNIVERSITY OF BANJA LUKA, 29-30 Maj, 2015, pp. 131-138, ISBN 978-99938-39-53-8

15. Milojević Z., Tabaković S., Bojanić M., Zeljković M.: Muti axis NC code simulation based on three-dexel model representation and GPU, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrevlje: University of Novi Sad, Faculty of Technical Science, 25-26 Septembar, 2015, pp. 153-156, ISBN 978-86-7892-722-5
16. Tabaković S., Živanović S., Zeljković M.: The Application Of Virtual Prototype In Design Of A Hybrid Mechanism Based Machine Tools, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrevlje: Faculty of technical sciences, 25-26 Septembar, 2015, pp. 62-66, ISBN 978-86-7892-722-5
17. Živković A., Zeljković M., Mladenović C.: Mathematical model for stiffness determination of ball bearings with angular contact, 12. International Conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology - DEMI, Banja Luka, 29-30 Maj, 2015, pp. 221-232, ISBN 978-99938-39-53-8
18. Živković A., Zeljković M., Tabaković S., Mladenović C.: An improved model for determining the thermal preload of ball bearings with angular contact, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrevlje, 25-26 Septembar, 2015, pp. 55-58, ISBN 978-86-7892-722-5

Spisak rezultata M44 - Poglavlje u knjizi M41 ili rad u istaknutom tematskom zborniku vodećeg nacionalnog značaja

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Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

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2. Blanuša V., Zeljković M., Živković A.: Prediction thermal elastic behavior of the cylindrical roller bearing for railway vehicles and calculating bearing life, *Acta Technica Corviniensis*, 2015, Vol. 1, pp. 21-26, ISSN 2067-3809
3. Bojanić M., Jovičić G., Zeljković M.: Determination of accuracy of positioning CNC machine tool, *Annals of the Faculty of Engineering Hunedoara - Journal of Engineering*, 2015, No XIII, pp. 45-52, ISSN 1584-2665
4. Vukman J., Lukić D., Milošević M., Jovičić G., Đurđev M.: The importance of features into STEP standard, *Machine Design*, 2015, Vol. 7, No 2, pp. 55-60, ISSN 1821-1259

Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Bojanić M., Hadžistević M., Mladenović C.: Straightness examination of CMM axis, *Journal of Production Engineering*, 2015, Vol. 18, No 2, pp. 85-88, ISSN 1821-4932
2. Košarac A., Zeljković M., Mladenović C., Živković A.: Create SISO State Space Model of Main Spindle from Ansys Model, *Journal of Production Engineering*, 2015, Vol. 18, No 2, pp. 55-59, ISSN 1821-4932
3. Lanc Z., Zeljković M., Štrbac B., Živković A., Drstvenšek I., Hadžistević M.: The Determination of the Emissivity of Aluminum Alloy AW 6082 Using Infrared Thermography, *Journal of Production Engineering*, 2015, Vol. 18, No 1, pp. 23-26, ISSN 1821-4932, UDK: 621
4. Milojević Z., Tabaković S., Bojanić M., Zeljković M.: Muti axis NC code simulation based on three-dexel model representation and GPU, *Journal of Production Engineering*, 2015, Vol. 18, No 2, pp. 73-76, ISSN 1821-4932
5. Mladenović C., Zeljković M., Košarac A., Živković A.: Definition of Machining Systems Stability Lobe Diagram Using Analytical Models, *Journal of Production Engineering*, 2015, Vol. 18, No 1, pp. 47-50, ISSN 1821-4932
6. Tabaković S., Živanović S., Zeljković M.: The Application of Virtual Prototype in Design of a Hybrid Mechanism Based Machine Tools, *Journal of Production Engineering*, 2015, Vol. 18, No 2, pp. 77-80, ISSN 1821-4932

Spisak rezultata M53 - Rad u naučnom časopisu

1. Knežev M., Živković A.: Računarska simulacija uređaja za merenje i kontrolu vibracija kotrljajnih ležaja, *Zbornik radova Fakulteta tehničkih nauka*, 2015, No 9, pp. 23-26, ISSN 0350-428X
2. Košarac A., Zeljković M., Mladenović C., Živković A.: Modal analysis of a horizontal machining center, *Journal of Production Engineering*, 2015, No 2, pp. 55-60, ISSN 1821-4932

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Blanuša V., Savić B., Zeljković M.: Toplotno-statički model sklopa glavnog vretena pri aksijalnom opterećenju, 13. Infoteh-Jahorina, Jahorina: Elektrotehnički fakultet Istočno Sarajevo, 18-20 Mart, 2015, pp. 415-418, ISBN 978-99955-763-6-3
2. Brkljač N., Brkljač B., Zeljković M., Simić R.: Analiza testova zamornog loma detalja konstrukcije kroz poređenje sa računarski određenim naponima, 13. Infoteh-Jahorina, Jahorina: Elektrotehnički fakultet, Istočno Sarajevo, 18-20 Mart, 2015, pp. 402-408, ISBN 978-99955-763-6-3
3. Lanc Z., Zeljković M., Štrbac B., Živković A., Drstvenšek I., Hadžistević M.: Eksperimentalno ispitivanje emisivnosti aluminijuma AW 6082 infracrvenom termografskom tehnikom, 9. International Scientific Conference "Metrology and Quality in Production Engineering and Environmental Protection" - ETIKUM, Novi Sad, 19-20 Jun, 2015, pp. 77-80

Spisak rezultata M85 - Prototip, nova metoda, softver, standardizovan ili atestiran instrument,

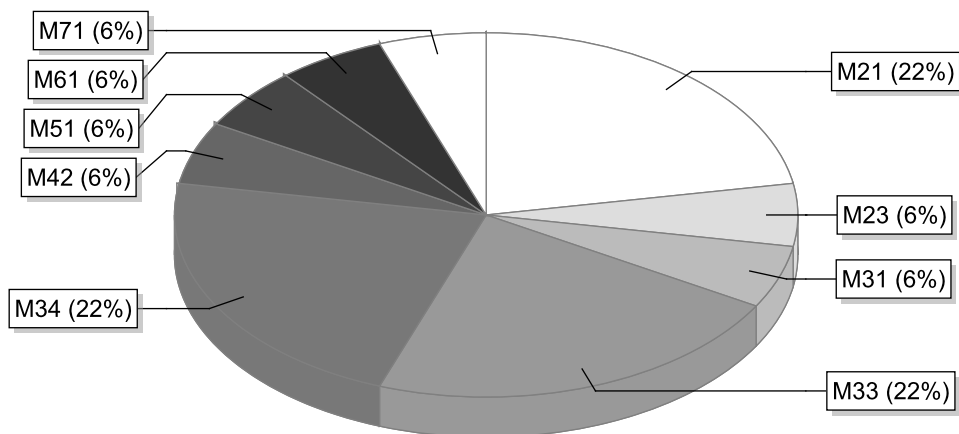
1. Matin I., Hadžistević M., Hodolič J., Vukelić Đ., Lukić D.: Razvoj programskog sistema za projektovanje alata za injekciono presovanje plastike, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za materijale i tehnologije spajanja

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u vrhunskom međunarodnom časopisu	M21	4
Rad u međunarodnom časopisu	M23	1
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	4
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	4
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	1
Rad u vodećem časopisu nacionalnog značaja	M51	1
Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini	M61	1
Odbranjena doktorska disertacija	M71	1



PRODUKCIJA - REZULTATI

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Baloš S., Radisavljević I., Rajnović D., Dramićanin M., Tabaković S., Erić-Cekić O., Šiđanin (Sidjanin) L.: Geometry, mechanical and ballistic properties of ADI material perforated plates, *Materials and Design*, 2015, Vol. 83, pp. 66-74, ISSN 0261-3069
2. Radanović M., Jelić M., Romčević N., Boukos N., Vojinović-Ješić Lj., Leovac V., Hadžić B., Bajac B., Nađ L., Chandrinou C., Baloš S.: Synthesis, structure and photoluminescence of (PLAGH)₂[ZnCl₄] and comparative analysis of photoluminescence properties with tris(2,2'-bipyridine)-ruthenium(II), *Materials Research Bulletin*, 2015, Vol. 70, pp. 951-957
3. Rajnović D., Baloš S., Šiđanin (Sidjanin) L., Eric Cekić O., Grbovic Novakovic J.: Tensile properties of ADI material in water and gaseous environments, *Materials Characterization*, 2015, Vol. 101, pp. 26-33, ISSN 1044-5803
4. Rudić O., Rajnović D., Čjepa D., Vučetić (Petrović) S., Ranogajec J.: Investigation of the durability of porous mineral substrates with newly designed TiO₂-LDH coating, *Ceramics International*, 2015, Vol. 41, pp. 9779-9792, ISSN 0272-8842

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Baloš S., Milutinović M., Potran M., Vuletić J., Puškar T., Pepelnjak T.: The mechanical properties of moulded and thermoformed denture resins, *Strojnski vestnik - Journal of Mechanical Engineering*, 2015, Vol. 61, No 2, pp. 138-145, ISSN 0039-2480

Spisak rezultata M31 - Predavanje po pozivu sa međunarodnog skupa štampano u celini

1. Kraišnik M., Vilotić D., Šiđanin (Sidjanin) L., Stefanović M.: Experimental and numeric analysis of steel C45E formability in the upsetting processes of tapered specimen, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrievlje: Faculty of Technical Sciences, 25-26 Septembar, 2015, pp. 185-190, ISBN 978-86-7892-722-5

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Baloš S., Šiđanin (Sidjanin) L., Dramićanin M., Labus Zlatanović D., Antić A.: Influence of Tool Shoulder Geometry on Mechanical Properties and Roughness of FSW Joints, 3. The IIW South-East European Welding Congress, Timisoara, 3-5 Jun, 2015, pp. 1-6
2. Baloš S., Šiđanin (Sidjanin) L., Dramićanin M., Labus Zlatanović D.: SMAW Welding Aided by TiO₂ Nano Particles, 3. The IIW South-East European Welding Congress, Timisoara, 3-5 Jun, 2015, pp. 1-6
3. Baloš S., Šiđanin (Sidjanin) L., Labus Zlatanović D., Dramićanin M., Rajnović D.: Effect of tunnel like formation on mechanical properties of FSW joints, 9. International seminar "Advanced Manufacturing Technologies" - AMT, Sozopol, 25-30 Jun, 2015, pp. 89-94, ISBN 1313-4264
4. Dramićanin M., Baloš S., Rajnović D., Šiđanin (Sidjanin) L., Labus Zlatanović D., Erić-Cekić O.: Cavitation behaviour of ADI materials in water, 9. International seminar "Advanced Manufacturing Technologies" - AMT, Sozopol, 25-30 Jun, 2015, pp. 95-98, ISBN 1313-4264

Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

1. Dramićanin M., Baloš S., Rajnović D., Labus Zlatanović D., Janjatović P., Erić-Cekić O., Šiđanin (Sidjanin) L.: Abrasive wear performance of ductile iron with different microstructures, 14. Young Researchers Conference—Materials Science and Engineering, Beograd, 9-11 Decembar, 2015, pp. 37-37, ISBN 978-86-80321-31-8
2. Janjatović P., Baloš S., Rajnović D., Radisavljević I., Labus Zlatanović D., Dramićanin M., Erić-Cekić O., Šiđanin (Sidjanin) L.: Ballistic application of perforated plates made of austempered ductile iron, 14. Young Researchers Conference—Materials Science and Engineering, Beograd, 9-11 Decembar, 2015, pp. 36-36, ISBN 978-86-80321-31-8
3. Labus Zlatanović D., Rajnović D., Dramićanin M., Janjatović P., Baloš S., Erić-Cekić O., Šiđanin (Sidjanin) L.: Embrittlement behaviour of two different grades of ADI material in various environments, 14. Young Researchers Conference—Materials Science and Engineering, Beograd, 9-11 Decembar, 2015, pp. 38-38, ISBN 978-86-80321-31-8
4. Ranogajec J., Lončar E., Vulić (rođ. Gelei) T., Pašalić S., Rajnović D.: Functional properties of the newly developed materials for the protection of immovable cultural heritage objects of Vojvodina/Funkcionalne karakteristike novorazvijenih materijala za potrebe zaštite nepokretnih objekata kulturne baštine Vojvodine, *Book of Abstracts*, 2015, pp. 14-14, 8. InterRegioSci, Novi Sad, 2015, pp. 14-14

Spisak rezultata M42 - Monografija nacionalnog značaja, monografsko izdanje građe,

1. Baloš S.: Perforirane ploče za balističku zaštitu, Novi Sad, Fakultet tehničkih nauka u Novom Sadu, 2015, ISBN 978-86-7892-724-9

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

1. Baloš S., Šiđanin (Sidjanin) L., Dramićanin M., Labus Zlatanović D., Antić A.: Influence of tool shoulder geometry on mechanical properties and roughness of FSW joints, *Welding & Material Testing*, 2015, Vol. 26, No 3, pp. 20-24, ISSN 1453-0392

Spisak rezultata M61 - Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini

1. Rajnović D., Šiđanin (Sidjanin) L.: Pregled istraživanja u doktorskoj tezi "Uticaj mikrostrukture na prelaznu temperaturu ADI materijala", 21. Konferencija o međulaboratorijskim ispitivanjima materijala, Čačak: Komitet za međulaboratorijska ispitivanja materijala, 16-18 Septembar, 2015, pp. 67-76, ISBN 978-86-911831-7-2, UDK: 620.1:66.017/.018(082)

Spisak rezultata M71 - Odbranjena doktorska disertacija

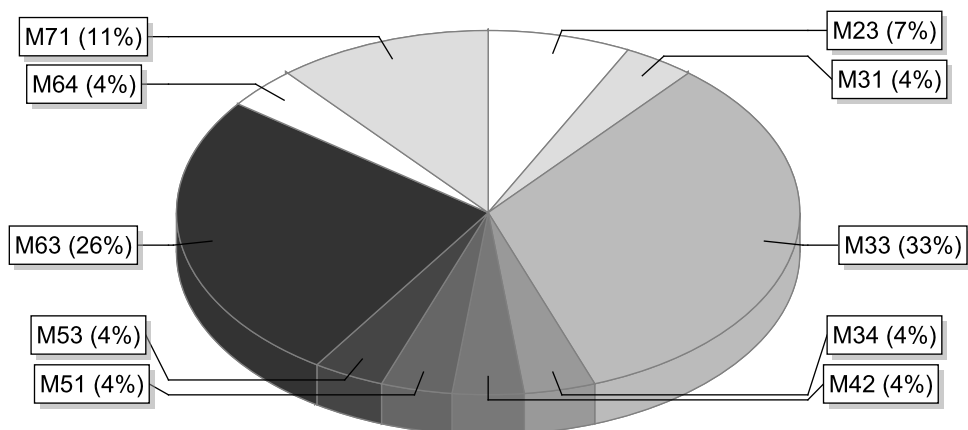
1. Rajnović D.: Uticaj mikrostrukture na prelaznu temperaturu ADI materijala, Novi Sad, Fakultet tehničkih nauka, Novi Sad, 2015, str. 1-205

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za tehnologije oblikovanjem i inženjerstvo površina

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u međunarodnom časopisu	M23	2
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	9
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	1
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	1
Rad u vodećem časopisu nacionalnog značaja	M51	1
Rad u naučnom časopisu	M53	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	7
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	1
Odbranjena doktorska disertacija	M71	3



PRODUKCIJA - REZULTATI

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Baloš S., Milutinović M., Potran M., Vuletić J., Puškar T., Pepelnjak T.: The mechanical properties of moulded and thermoformed denture resins, *Strojnski vestnik - Journal of Mechanical Engineering*, 2015, Vol. 61, No 2, pp. 138-145, ISSN 0039-2480
2. Tabaković S., Konstantinović V., Radosavljević R., Movrin D., Hadžistević M., Hatab N.: Application of Computer-Aided Designing and Rapid Prototyping Technologies in Reconstruction of Blowout Fractures of the Orbital Floor, *Journal of Craniofacial Surgery*, 2015, Vol. 26, No 5, pp. 1558-1563, ISSN 1049-2275

Spisak rezultata M31 - Predavanje po pozivu sa međunarodnog skupa štampano u celini

1. Kraišnik M., Vilotić D., Šidjanin (Sidjanin) L., Stefanović M.: Experimental and numeric analysis of steel C45E formability in the upsetting processes of tapered specimen, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrievlje: Faculty of Technical Sciences, 25-26 Septembar, 2015, pp. 185-190, ISBN 978-86-7892-722-5

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Kovačević L., Terek P., Miletić A., Kukuruzović D., Kakaš D.: Application of casting simulations in optimization of gating system with vertical runner extension, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrievlje: University of Novi Sad, Faculty of technical sciences, 25-26 Septembar, 2015, ISBN 978-86-7892-722-5
2. Lainović T., Talu S., Stach S., Vilotić M., Blažić L., Kakaš D.: Characterization of 3-D micro-texture of dental restorative resin-based nanocomposites, 12. Multinational Congress on Microscopy - MCM, Eger, 23-28 Avgust, 2015, pp. 351-352
3. Miletić A., Terek P., Panjan P., Kovačević L., Kukuruzović D., Škorić B.: Mechanical and tribological properties of nanolayered TiAlN/TiSiN coating, 14. International Conference on Tribology - SERBIATRIB, Beograd: Serbian Tribology Society, Faculty of Mechanical Engineering in Belgrade, 13-15 Maj, 2015, pp. 137-142, ISBN 978-86-7083-857-4
4. Movrin D., Spasić A., Ivanišević A., Kačmarčik I., Vučaj-Ćirilović V., Skakun (Francuski) P., Milutinović M.: Determination of infiltration depth in 3d printing technology by using ct technique, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrievlje: Faculty of Technical Sciences, 25-26 Septembar, 2015
5. Ranđelović S., Milutinović M., Vukić M., Tanikić D.: Analysis of Pressure Field in Injection Molding Tool, 3. MECHANICAL ENGINEERING IN XXI CENTURY, Niš: Mašinski fakultet Niš, 17-18 Septembar, 2015, pp. 387-390
6. Spasić A., Vučaj-Ćirilović V., Movrin D., Šokac M., Budak I., Til V.: CT density of the cortical bone of alveolar process of maxilla, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrievlje: Fakultet tehničkih nauka, 25-26 Septembar, 2015, pp. 243-246, ISBN 978-86-7892-722-5
7. Škorić B., Miletić A., Kukuruzović D., Terek P.: Modification of Hard Coatings with Ion Beam, 4. International Congress on Natural Science and Engineering (ICNSE), Kyoto: Higher Education Forum (HEF), Taipei, Taiwan, 7-9 Maj, 2015, pp. 265-272, ISBN 978-986-87417-8-2
8. Terek P., Kovačević L., Miletić A., Kukuruzović D., Škorić B., Kakaš D.: Improvement of Ejection Test Used for Evaluation of Soldering Tendency Between Casting and Die Materials, 2. Metallurgical and Materials Engineering Congress of South-East Europe - MME SEE, Beograd: Association of Metallurgical Engineers Serbia, 3-5 Jun, 2015, pp. 239-245, ISBN 978-86-87183-27-8
9. Terek P., Kukuruzović D., Miletić A., Panjan P., Kovačević L., Škorić B.: Surface Roughness and Its Effect on Tribological Performance of Magnetron Sputtered Nitride Coatings, 14. International Conference on Tribology - SERBIATRIB, Beograd: Serbian Tribology Society, Faculty of Mechanical Engineering in Belgrade, 13-15 Maj, 2015, pp. 143-148, ISBN 978-86-7083-857-4

Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

1. Lainović T., Ivanišević A., Vilotić M., Maravić (Vukadinov) T., Blažić L.: Mechanical properties of dental nanohybrid composite containing prepolymerized fillers, 5. Virtual Nanotechnology Poster Conference, Budimpešta, 13-19 April, 2015

Spisak rezultata M42 - Monografija nacionalnog značaja, monografsko izdanje građe,

1. Doroslovački R., Vilotić D., Katić V., Kovačević I., Šešlija D., Kolaković S., Konjović Z.: Uspešnost studiranja na Fakultetu tehničkih nauka u Novom Sadu, Novi Sad, Fakultet tehničkih nauka, Edicija Tehničke nauke - Monografije, 2015, ISBN 987-86-7892-764-5

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

1. Ranđelović S., Milutinović M., Nikolić S., Kačmarčik I.: Risk Assessment in Injection Molding Process, International Journal for Technology of Plasticity, 2015, Vol. 40, No 2, pp. 23-34, UDK: 621.7

Spisak rezultata M53 - Rad u naučnom časopisu

1. Lužanin O., Puškarević I.: Investigation of the accuracy of close-range photogrammetry - A 3D printing case study, JGED Journal of Graphic Engineering and Design, 2015, Vol. 6, No 2, pp. 13-18, ISSN 2217-379X

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Katić V., Čorba Z., Vilotić D., Šešlija D., Doroslovački R., Kolaković S., Kovačević I.: Edukacija iz obnovljivih izvora energije na Fakultetu tehničkih nauka, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 215-219, ISBN 978-86-7892-680-8
2. Katić V., Nikolić D., Kovačević I., Vilotić D., Doroslovački R., Kolaković S., Šešlija D.: Nastava na Fakultetu tehničkih nauka kroz brojke, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 191-195
3. Kolaković S., Doroslovački R., Katić V., Vilotić D., Šešlija D.: Upravljanje projektom i dinamika izgradnje naučno-tehnološkog parka UNS-FTN, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 1-6, ISBN 978-86-7892-680-8
4. Kovačević I., Doroslovački R., Vilotić D., Šešlija D., Katić V., Kolaković S., Zivlak V.: Neki predlozi izmena Zakona o visokom obrazovanju, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 32-36
5. Kovačević I., Doroslovački R., Vilotić D., Šešlija D., Katić V., Kolaković S.: Prolaznost studenata na ispitima i kvalitet stečenog znanja, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 148-151
6. Šešlija D., Katić V., Doroslovački R., Vilotić D., Kolaković S., Kovačević I.: Pravci povišenja kvaliteta studija na inženjerskim studijskim programima, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 58-63
7. Vilotić D., Doroslovački R., Katić V., Kovačević I., Kolaković S., Šešlija D., Konjović Z.: Analiza dužine studiranja na osnovnim akademskim studijama na Fakultetu tehničkih nauka u Novom Sadu, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 127-136

Spisak rezultata M64 - Saopštenje sa skupa nacionalnog značaja štampano u izvodu

1. Lainović T., Talu S., Stach S., Vilotić M., Maravić (Vukadinov) T., Kakaš D., Blažić L.: Uticaj metode poliranja na vrednosti 3D AFM parametara hrapavosti stomatoloških nanokompozita, 6. Simpozijum stomatologa i saradnika sa međunarodnim učešćem, Novi Sad, 4-6 Jun, 2015

Spisak rezultata M71 - Odbranjena doktorska disertacija

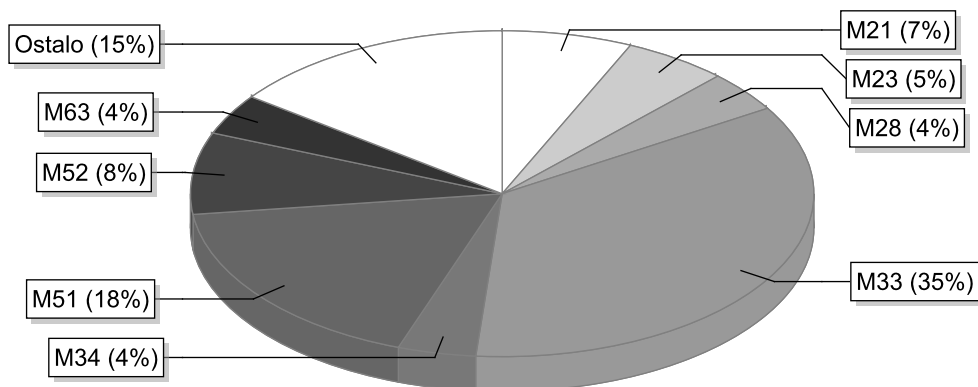
1. Kovačević L.: Primena metoda inverznog inženjerstva u cilju pronalazjenja graničnih uslova pri livenju u peščanim kalupima, Novi Sad, Univerzitet u Novom Sadu, Fakultet tehničkih nauka, 2015
2. Miletić A.: Razvoj nanoslojnih i nanokompozitnih metal nitridnih prevlaka, Novi Sad, Univerzitet Novi Sad, 2015
3. Vilotić M.: Intenzivna plastična deformacija u procesima višefaznog sabijanja materijala, Novi Sad, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Departman za mehanizaciju i konstrukciono mašinstvo

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	1
Rad u vrhunskom međunarodnom časopisu	M21	5
Rad u međunarodnom časopisu	M23	4
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Uređivanje međunarodnog naučnog časopisa	M28	3
Saopštenje sa međunarodnog skupa štampano u celini	M33	26
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	3
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	1
Monografska bibliografska publikacija	M43	1
Poglavlje u knjizi M41 ili rad u istaknutom tematskom zborniku vodećeg nacionalnog značaja	M44	1
Rad u vodećem časopisu nacionalnog značaja	M51	13
Rad u časopisu nacionalnog značaja	M52	6
Rad u naučnom časopisu	M53	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	3
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	2
Odbranjena doktorska disertacija	M71	1
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo	M92	2

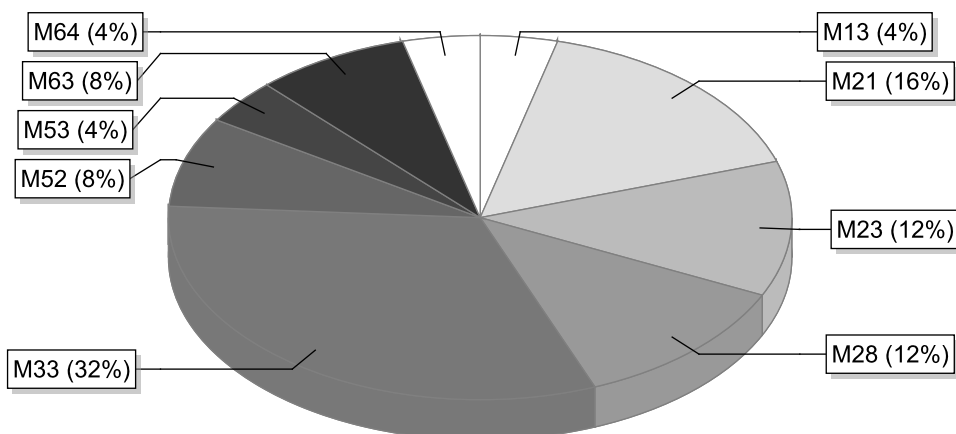


GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za mašinske konstrukcije, transportne sisteme i logistiku

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	1
Rad u vrhunskom međunarodnom časopisu	M21	4
Rad u međunarodnom časopisu	M23	3
Uređivanje međunarodnog naučnog časopisa	M28	3
Saopštenje sa međunarodnog skupa štampano u celini	M33	8
Rad u časopisu nacionalnog značaja	M52	2
Rad u naučnom časopisu	M53	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	2
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	1



PRODUKCIJA - REZULTATI

Spisak rezultata M13 - Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja

1. Gatti G., Brennan M., Kovačić I.: An investigation into the dynamic interaction between an electro-dynamic shaker and a test structure with cubic nonlinearity, Springer, 2015, str. 283-303, ISBN 978-3-319-19850-7

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Kovačić I., Cartmell M., Zuković M.: Mixed-mode dynamics of bistable oscillators with low-frequency excitation: behavioural mapping, approximations for motion and links with van der Pol oscillators, Proceedings of the Royal Society. A: Mathematical, Physical and Engineering Sciences, 2015, Vol. 471, No 20150638, pp. 1-18, ISSN 1364-5021
2. Kovačić I.: Design of nonlinear isochronous oscillator, Nonlinear Dynamics, 2015, Vol. 81, pp. 53-61, ISSN 0924-090X
3. Kovačić I.: On the response of antisymmetric constant force oscillators: exact and approximate solutions, Communication in Non-linear Science and Numerical Simulations, 2015, Vol. 32, pp. 305-316, ISSN 1007-5704
4. Zuković M., Kovačić I., Cartmell M.: On the dynamics of a parametrically excited planar tether, Communication in Non-linear Science and Numerical Simulations, 2015, Vol. 26, No 1-3, pp. 250-264, ISSN 1007-5704

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Radomirović D., Kovačić I.: An equivalent spring for nonlinear springs in series, European Journal of Physics, 2015, Vol. 36, No 5, pp. 1-6, ISSN 0143-0807
2. Radomirović D., Kovačić I.: Stiffness properties of certain oscillatory systems: quantification and possibilities for corrections, 035031, European Journal of Physics, 2015, Vol. 36, pp. 1-15, ISSN 0143-0807
3. Vladić J., Jovanović M., Đokić R., Kljajin M., Karakašić M.: Theoretical and experimental analysis of elevator dynamic characteristics, Tehnicki vjesnik - Technical Gazette, 2015, Vol. 22, No 4, pp. 1011-1020, ISSN 1330-3651

Spisak rezultata M28 - Uređivanje međunarodnog naučnog časopisa

1. Kovačić I.: Subject Editor for Nonlinear Oscillations in Journal of Sound and Vibration, Journal of Sound and Vibration, 2015, ISSN 0022-460X
2. Kovačić I.: Associate Editor in Meccanica, Springer, Meccanica, 2015, ISSN 0025-6455
3. Kovačić I.: Reviews Editor, Journal of Mechanical Engineering Science (Part C of the Proceeding of the Institution of Mechanical Engineers, 2015

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Poznić A., Zelić A., Miloradović D.: Determination of magnetic characteristics of some steels suitable for magnetorheological brake construction, 3. Regional Conference - Mechatronics in Practice and Education (MECHEDU), Subotica: Subotica Tech - College of Applied Sciences, 14-16 Maj, 2015, pp. 130-133, ISBN 978-86-918815-0-4
2. Szabó L., Szabadi F., Zelić A.: Környezetirányítási rendszer bevezetésének lehetőségei egy gépgyártó vállalatnál (eng. The Opportunities of the Introduction of an Environmental Management System at a Machine Producer Company), 23. International Conference on Mechanical Engineering - OGET, Sumuleu Ciuc: Hungarian Technical Scientific Society of Transylvania, 23-26 April, 2015, pp. 334-337
3. Šostakov R., Zelić A., Poznić A.: Survey of a machine driving system operation in 2D and 3D diagrams torque vs. angular velocity, 3. Regional Conference - Mechatronics in Practice and Education (MECHEDU), Subotica: Subotica Tech - College of Applied Sciences, 14-16 Maj, 2015, pp. 168-171, ISBN 978-86-918815-0-4
4. Vladić J., Đokić R., Ličen ml. H., Gajić A.: Experimental method for determination of electric elevator dynamic parameters, 21. International Conference on Material Handling, Constructions and Logistics, Beč: Mašinski fakultet Beograd, 23-25 Septembar, 2015, pp. 77-82, ISBN 978-86-7083-863-5
5. Zelić A., Szabó L.: A szerkezeti monitoring jelentősége marótárcsás kotrógépek és daruk példáján (eng. On the Importance of Structural Monitoring at Bucket Wheel Excavators and Cranes), 23. International Conference on Mechanical Engineering - OGET, Sumuleu Ciuc: Hungarian Technical Scientific Society of Transylvania, 23-26 April, 2015, pp. 407-410
6. Živanić D., Đokić R., Zelić A., Gajić A., Gajić S.: Projektovanje i simulacije savremenih sistema za

komisioniranje, 5. Novi horizonti saobraćaja i komunikacija, Doboj, 20-21 Novembar, 2015, pp. 210-215, ISBN 978-99955-36-57-2

7. Živanić D., Gajić A., Đokić R., Zelić A.: Escalators and moving walks safety, 5. Towards a humane city, Novi Sad: Faculty of technical sciences, 5-6 Novembar, 2015, pp. 209-214, ISBN 978-86-7892-739-3
8. Živanić D., Vladić J., Đokić R., Gajić A., Gajić S.: Primena metode vezanih praznina u zonskim komisionim sistemima, 5. Novi horizonti saobraćaja i komunikacija, Doboj, 20-21 Novembar, 2015, pp. 204-209, ISBN 978-99955-36-57-2

Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Vladić J., Đokić R., Ličen ml. H.: Dinamička analiza uređaja za vertikalno dizanje i korelacija sa rezultatima merenja liftova, IMK 14 - Istraživanje i razvoj, časopis Instituta IMK "14 oktobar", Kruševac, 2015, Vol. 21, No 2, pp. 35-40, ISSN 0354-6829
2. Zuković M., Kovačić I., Cartmell M.: Characterising the dynamic behaviour of two-well oscillators excited at low frequency: numerical insights, Journal of Serbian Society for Computational Mechanics, 2015, Vol. 9, No 2, pp. 34-46, ISSN 1820-6530

Spisak rezultata M53 - Rad u naučnom časopisu

1. Kovačić I.: Generalised perturbation techniques for strongly nonlinear oscillators with a positive, zero or negative linear stiffness term, International Journal Dynamics and Control, doi 10.1007/s40435-014-0147-9

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Brkljač N., Brkljač B., Zeljković M., Simić R.: Analiza testova zamornog loma detalja konstrukcije kroz poređenje sa računarski određenim naponima, 13. Infoteh-Jahorina, Jahorina: Elektrotehnički fakultet, Istočno Sarajevo, 18-20 Mart, 2015, pp. 402-408, ISBN 978-99955-763-6-3
2. Zelić A., Szabó L.: A daruk szerkezeti elemeinek fázadási analízise, 5. Vajdasági Magyar Tudóstalálkozó, Subotica: Vajdasági Magyar Akadémiai Tanács, 25 April, 2015, pp. 263-268, ISBN 978-86-89095-07-4

Spisak rezultata M64 - Saopštenje sa skupa nacionalnog značaja štampano u izvodu

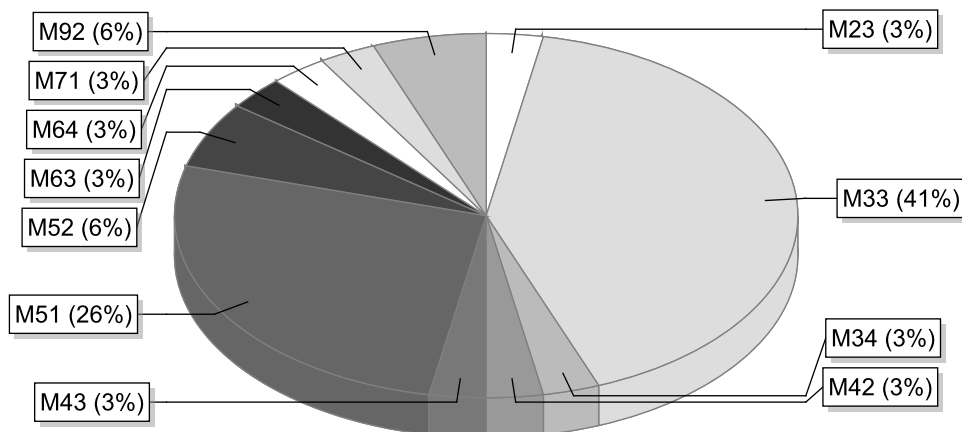
1. Zelić A.: A daruk szerkezeti elemeinek fázadási analízise, 5. Vajdasági Magyar Tudóstalálkozó, Subotica: Vajdasági Magyar Akadémiai Tanács, 25 April, 2015, pp. 72-72, ISBN 978-86-85245-32-9

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za motore i vozila

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u međunarodnom časopisu	M23	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	14
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	1
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	1
Monografska bibliografska publikacija	M43	1
Rad u vodećem časopisu nacionalnog značaja	M51	9
Rad u časopisu nacionalnog značaja	M52	2
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	1
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	1
Odbranjena doktorska disertacija	M71	1
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo	M92	2



PRODUKCIJA - REZULTATI

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Ružić D.: Influence of the Ventilation System Setting in the Passenger Car on the Local Thermal Sensation of a Driver, *Isi Bilimi Ve Teknigi Dergisi/ Journal of Thermal Science and Technology*, 2015, Vol. 35, No 1, pp. 125-134, ISSN 1300-3615

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Adamović D., Vojinović-Miloradov M., Dorić J., Adamović (Majkić) S.: Urban Driving and Emission of Carcinogenic Substances, 5. Towards a humane city, Novi Sad: Faculty of Technical Sciences, 5-6 Novembar, 2015, pp. 433-437, ISBN 978-86-7892-739-3
2. Adamović D., Vojinović-Miloradov M., Dorić J., Miloradov M., Adamović (Majkić) S.: Optimal Working Regime of IC Engine from the Point of Emission Characteristics, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrievlje: Faculty of Technical Sciences, Department of Production Engineering, 25-26 Septembar, 2015, pp. 207-210, ISBN 978-86-7892-722-5
3. Dorić J., Jelisavac B., Ružić D.: One method for modelling motorcycle frame, 4. Conference on Innovative Technologies IN-TECH2013, Budimpešta, 10-13 Septembar, 2013, pp. 15-18, ISBN 1849-0662
4. Dorić J., Klinar I.: Efficiency of radial-rotary IC engine, 16. Symposium on Thermal Science and Engineering of Serbia – SIMTERM, Sokobanja: Society of Thermal Engineers of Serbia, 22-25 Oktobar, 2013, pp. 1004-1009, ISBN 978-86-6055-076-9
5. Dorić J., Kovač A., Nikolić N., Galamboš S., Klinar I.: Improving performance of spark ignition engine using variable length intake manifold, 11. International Conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology - DEMI, Banja Luka: Univerzitet u Banjoj Luci, 30-1 Maj, 2013, pp. 627-633, ISBN 978-99938-39-53-8, UDK: 621.3(048)
6. Dorić J., Mišić M.: Impact of rod ratio on wear diagram of IC engine crankshaft journal bearing, 21. Nauka i motorna vozila, Beograd: Yugoslav Society of Automotive Engineers, 1-3 Oktobar, 2007, pp. 262-271, ISBN 978-86-80941-39-4
7. Galamboš S., Dorić J.: Design and analysis of car body using CFD software, 11. International Conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology - DEMI, Banja Luka: Univerzitet u Banjoj Luci, 30-1 Maj, 2013, pp. 693-697, ISBN 978-99938-39-53-8, UDK: 621.3(048)
8. Kasaš-Lažetić K., Herceg D., Poznić A., Župunski I., Prša M.: Some experiences in initial magnetization curve measurement, 12. International Conference on Applied Electromagnetics, Niš, 31-2 Avgust, 2015, pp. 1-4, ISBN ISBN 978-86-6125-145
9. Nikolić N., Dorić J., Antonić Ž.: Some aspects of temperature distribution in IC engine crankshaft bearing, 16. Symposium on Thermal Science and Engineering of Serbia – SIMTERM, Sokobanja: Society of Thermal Engineers of Serbia, 22-25 Oktobar, 2013, pp. 1010-1015, ISBN 978-86-6055-076-9
10. Nikolić N., Klinar I., Dorić J., Raspopović N.: Influence of the faulty MAP sensor on some operation parameters of an automobile spark-ignition engine, 11. International Conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology - DEMI, Banja Luka: Univerzitet u Banjoj Luci, 30-1 Maj, 2013, pp. 719-723, ISBN 978-99938-39-53-8, UDK: 621.03(048)
11. Poznić A., Zelić A., Miloradović D.: Determination of magnetic characteristics of some steels suitable for magnetorheological brake construction, 3. Regional Conference - Mechatronics in Practice and Education (MECHEDU), Subotica: Subotica Tech - College of Applied Sciences, 14-16 Maj, 2015, pp. 130-133, ISBN 978-86-918815-0-4
12. Ružić D., Bikić S.: Human Thermal Model for Evaluation of Thermal Sensation in Vehicle Cabin Using CFD Simulations, 17. Symposium on Thermal Science and Engineering of Serbia – SIMTERM, Sokobanja: Univerzitet u Nišu, Mašinski fakultet, 20-23 Oktobar, 2015, pp. 994-1003, ISBN ISBN 978-86-6055-076
13. Stojić B., Ružić D., Poznić A.: Application of Some Advanced Computational Tools in Automotive Engineering, 25. Nauka i motorna vozila, Beograd: JUMV, 14-15 April, 2015, pp. 306-320, ISBN 976-86-80941-39-4, UDK: 629.3
14. Šostakov R., Zelić A., Poznić A.: Survey of a machine driving system operation in 2D and 3D diagrams torque vs. angular velocity, 3. Regional Conference - Mechatronics in Practice and Education (MECHEDU), Subotica: Subotica Tech - College of Applied Sciences, 14-16 Maj, 2015, pp. 168-171, ISBN 978-86-918815-0-4

Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

1. Adamović D., Vojinović-Miloradov M., Miloradov M., Dorić J., Adamović (Majkić) S., Radonić (Jakšić) J., Turk Sekulić M.: Residual toluene concentrations in exhaust gas waste stream, 21. TOP 2015-Engineering of environment protection, Bratislava: Slovak University of Technology in Bratislava, 23-25 Jun, 2015, pp. 17-17, ISBN 978-80-227-4376-1

Spisak rezultata M42 - Monografija nacionalnog značaja, monografsko izdanje građe,

1. Dorić J.: Teorija motora SUS, Novi Sad, Fakultet tehničkih nauka, 2015, str. 1-421, ISBN 978-86-7892-717-1, UDK: 621.43(075.8)

Spisak rezultata M43 - Monografska bibliografska publikacija

1. Stojić B., Poznanović N., Ružić D., Dorić J.: Drumska vozila, Novi Sad, Fakultet tehničkih nauka, 2015, str. 1-249, ISBN 978-86-7892-660-0, UDK: 629.3(075.8)

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

1. Dorić J., Galamboš S.: Simulacija rada turbo-kompresora prehranjivanog traktorskog motora, Traktori i pogonske mašine, 2015, Vol. 20, No 3/4, pp. 28-34, ISSN 0354-9496, UDK: 631
2. Dorić J., Kostić M., Klinar I.: Analiza otkaza sistema za recirkulaciju produkata sagorevanja, Traktori i pogonske mašine, 2015, Vol. 20, No 3/4, pp. 74-81, ISSN 0354-9496, UDK: 631
3. Dorić J., Mišić M.: Uticaj dužine klipnjače na habanje kolenastog vratila motora SUS, Traktori i pogonske mašine, 2015, Vol. 20, No 3/4, pp. 7-14, ISSN 0354-9496, UDK: 631
4. Dorić J., Mladenović V., Galamboš S.: Eksploatacija turbokompresora u motorima SUS, Traktori i pogonske mašine, 2015, Vol. 20, No 3/4, pp. 35-44, ISSN 0354-9496, UDK: 631
5. Dorić J.: Uticaj sagorevanja pri konstantnoj zapremini na toksičnost produkta sagorevanja, Traktori i pogonske mašine, 2015, Vol. 20, No 3/4, pp. 15-20, ISSN 0354-9496, UDK: 631
6. Galamboš S., Raspopović N., Dorić J.: Eksperimentalno postrojenje za ispitivanje brzohodnih motora SUS, Traktori i pogonske mašine, 2015, Vol. 20, No 3/4, pp. 51-54, ISSN 0354-9496, UDK: 631
7. Galamboš S., Ružić D., Dorić J., Stojić B.: Analiza uticaja vetra na poljoprivredno prskanje pomoću CFD simulacije, Traktori i pogonske mašine, 2015, Vol. 20, No 2, pp. 60-65, ISSN 0354-9496, UDK: 631
8. Jović M., Dorić J.: Prilog ispitivanju pogonskih karakteristika OTO motora, Traktori i pogonske mašine, 2015, Vol. 20, No 3/4, pp. 61-66, ISSN 0354-9496, UDK: 631
9. Ružić D.: POREĐENJE STANDARDA IZ OBLASTI ISPITIVANJA TOPLOTNIH USLOVA U KABINI VOZILA, Traktori i pogonske mašine, 2015, Vol. 20, No 3-4, pp. 45-50, ISSN 0354-9496, UDK: 629.06

Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Dorić J., Vidić B.: Diagnostics of IC engine piston-cylinder assemblies, Tehnička dijagnostika, 2015, Vol. 14, No 2, pp. 28-33, UDK: 62 (497.11)
2. Galamboš S., Dorić J., Klinar I.: Design and analysis of car model by CFD software, Machine Design, 2015, Vol. 7, No 2, pp. 67-68, ISSN 1821-1259

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Dorić J.: Analiza parametara na akumulativnost međumesne linije, 4. Međunarodni simpozijum : Novi Horizonti, Doboj: Saobraćajni fakultet Doboj, 22-23 Novembar, 2013, pp. 47-53, ISBN 978-99955-36-57-2

Spisak rezultata M64 - Saopštenje sa skupa nacionalnog značaja štampano u izvodu

1. Adamović D., Vojinović-Miloradov M., Dorić J., Adamović (Majkić) S., Turk Sekulić M., Radonić (Jakšić) J.: Emisija toluena u uslovima gradske vožnje, 7. Simpozijum hemija i zaštita životne sredine sa međunarodnim učešćem - EnviroChem, Palić: Srpsko hemijsko društvo, 9-12 Jun, 2015, pp. 69-70, ISBN 978-86-7132-058-0

Spisak rezultata M71 - Odbranjena doktorska disertacija

1. Nikolić N.: Razvoj metoda dijagnostike usisnog sistema motora sa unutrašnjim sagorevanjem, Novi Sad, Univerzitet u Novom Sadu, 2015

Spisak rezultata M92 - Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo

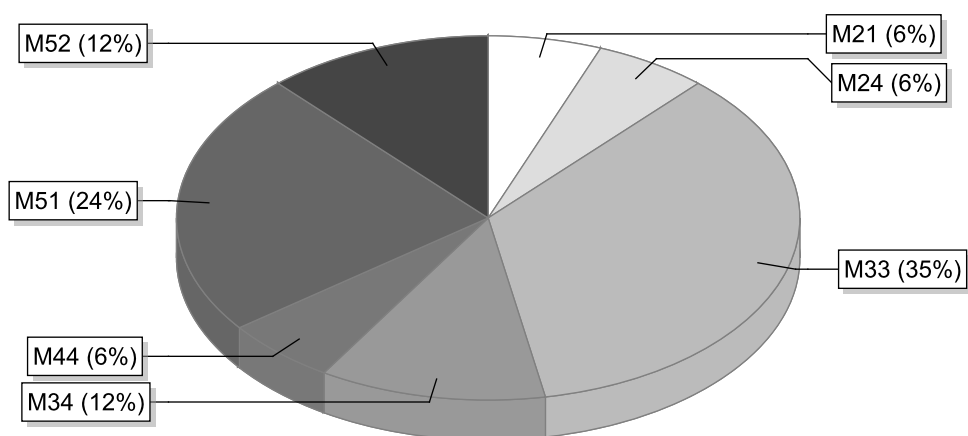
1. Dorić J.: Motor SUS sa dužim zadržavanjem klipa u blizini SMT2015/0257, Beograd, Zavod za intelektualnu svojinu Republike Srbije, 2015
2. Dorić J.: Motor SUS sa varijabilnim kretanjem klipa broj priznatog patenta 53805, Beograd, Zavod za intelektualnu svojinu Republike Srbije, 2015, str. 60-60, UDK: 631

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za mašinske elemente, teoriju mašina i mehanizama

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u vrhunskom međunarodnom časopisu	M21	1
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	6
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	2
Poglavlje u knjizi M41 ili rad u istaknutom tematskom zborniku vodećeg nacionalnog značaja	M44	1
Rad u vodećem časopisu nacionalnog značaja	M51	4
Rad u časopisu nacionalnog značaja	M52	2



PRODUKCIJA - REZULTATI

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Živković A., Zeljković M., Tabaković S., Milojević Z.: Mathematical modeling and experimental testing of high-speed spindle behavior, International Journal of Advanced Manufacturing Technology, 2015, Vol. 77, No 5-8, pp. 1071-1086, ISSN 0268-3768, UDK: DOI: 10.1007/s00170-014-6

Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

1. Penčić M., Čavić M., Borovac B.: Development of the Low Backlash Planetary Gearbox for Humanoid Robots, FME Transactions, 2015, ISSN 1451-2092, UDK: (accepted for publication)

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Bojanić M., Hadžistević M., Mlađenović C.: Straightness examination of CMM axis, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrevlje: University of Novi Sad, Faculty of Technical Science, 25-26 Septembar, 2015, pp. 83-86, ISBN 978-86-7892-722-5
2. Čavić M.: The Dynamic Behavior of the Speed Variator with Unpredictably Changing Mode of Operation , 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015
3. Kuzmanović S., Rackov M., Vereš M.: Analysis of Application of Universal Shaft-Mounted Gear Reducer, 3. MECHANICAL ENGINEERING IN XXI CENTURY, Niš: Mašinski fakultet Univerziteta u Nišu, 17-18 Septembar, 2015, pp. 183-186, ISBN 978-86-605-5-072-1
4. Milojević Z., Tabaković S., Bojanić M., Zeljković M.: Muti axis NC code simulation based on three-dexel model representation and GPU, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrevlje: University of Novi Sad, Faculty of Technical Science, 25-26 Septembar, 2015, pp. 153-156, ISBN 978-86-7892-722-5
5. Miltenović A., Banić M., Miltenović V., Rackov M., Bucha J.: Prediction of heat generation in meshing of HRC gears, 6. International Conference on Gears, Minhen: VDI-Society for Product and Process Design, 5-7 Oktobar, 2015, pp. 871-882, ISBN 978-3-18-092255-3
6. Vereš M., Kožuch I., Rackov M., Kuzmanović S.: Contribution to Solving the Non-Involute Gearing Profiles Production, 3. MECHANICAL ENGINEERING IN XXI CENTURY, Niš: Mašinski fakultet Univerziteta u Nišu, 17-18 Septembar, 2015, pp. 161-166, ISBN 978-86-6055-072-1

Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

1. Čavić M.: Mechanism for an Ergonomic Chair, 1. International Symposium on Machines, Mechanics and Mechatronics – Current Trends, Beograd, 1-2 Jul, 2014
2. Kanović Ž., Rackov M., Petković M., Vereš M.: GPSO algorithm in HCR gearing geometry optimization, 4. 4. MEĐUNARODNA KONFERENCIJA - INOPTTEP 2015, Divčibare: PTEP, 19-24 April, 2015

Spisak rezultata M44 - Poglavlje u knjizi M41 ili rad u istaknutom tematskom zborniku vodećeg nacionalnog značaja

1. Beju L., Barb C., Navalušić S., Zeljković M.: Project Management, Novi Sad, University of Novi Sad, Faculty of Technical Science, 2015, ISBN 978-86-7892-768-3

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

1. Bojanić M., Jovičić G., Zeljković M.: Determination of accuracy of positioning CNC machine tool , Annals of the Faculty of Engineering Hunedoara - Journal of Engineering, 2015, No XIII, pp. 45-52, ISSN 1584-2665
2. Čavić M., Kostić M., Zlokolica M.: Design Of The Door Opening Mechanism With Complex Structure, Journal of Trends in the Development of Machinery and Associated Technology, 2015, ISSN 2303-4009
3. Čavić M., Kostić M., Zlokolica M.: New Design Of The Sower Seeding Unit For Precise Organic Agriculture, Journal of Trends in the Development of Machinery and Associated Technology, 2015, ISSN 2303-4009
4. Kanović Ž., Rackov M., Petković M., Vereš M.: GPSO algorithm in HCR gearing geometry optimization, Journal on Processing and Energy in Agriculture, 2015, Vol. 19, No 4, pp. 31-35, ISSN 1821-4487

Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

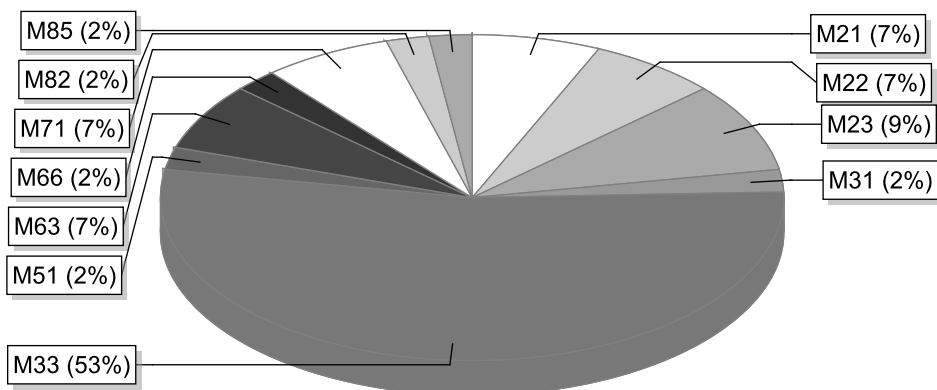
1. Bojanić M., Hadžistević M., Mlađenović C.: Straightness examination of CMM axis, Journal of Production Engineering, 2015, Vol. 18, No 2, pp. 85-88, ISSN 1821-4932
2. Milojević Z., Tabaković S., Bojanić M., Zeljković M.: Muti axis NC code simulation based on three-dexel model representation and GPU, Journal of Production Engineering, 2015, Vol. 18, No 2, pp. 73-76, ISSN 1821-4932

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Departman za energetiku i procesnu tehniku

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u vrhunskom međunarodnom časopisu	M21	3
Rad u istaknutom međunarodnom časopisu	M22	3
Rad u međunarodnom časopisu	M23	4
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	24
Rad u vodećem časopisu nacionalnog značaja	M51	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	3
Uređivanje zbornika saopštenja skupa nacionalnog značaja	M66	1
Odbranjena doktorska disertacija	M71	3
Nova proizvodna linija, novi materijal, industrijski prototip,	M82	1
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	1

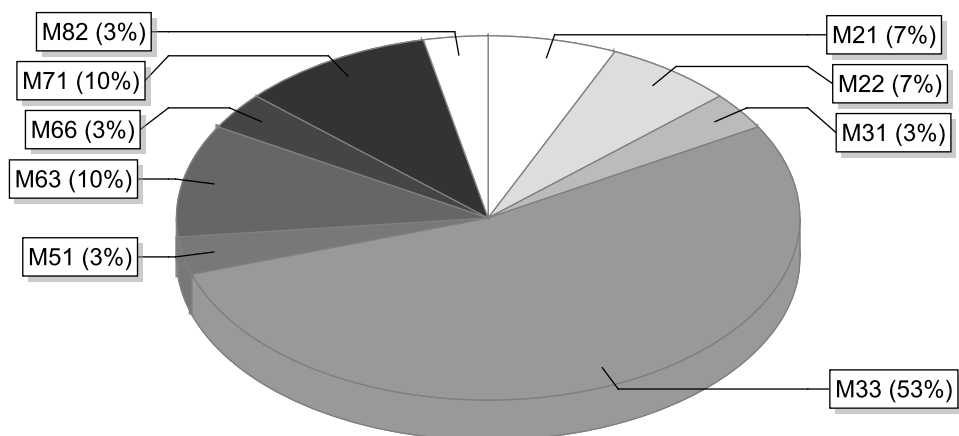


GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za toplotnu tehniku

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u vrhunskom međunarodnom časopisu	M21	2
Rad u istaknutom međunarodnom časopisu	M22	2
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	16
Rad u vodećem časopisu nacionalnog značaja	M51	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	3
Uređivanje zbornika saopštenja skupa nacionalnog značaja	M66	1
Odbranjena doktorska disertacija	M71	3
Nova proizvodna linija, novi materijal, industrijski prototip,	M82	1



PRODUKCIJA - REZULTATI

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Anđelković A., Gvozdenac Urošević B., Kljajić M., Ignjatović M.: Experimental research of the thermal characteristics of a multi-storey naturally ventilated double skin facade, *Energy and Buildings*, 2015, Vol. 86, No 01/2015, pp. 766-781, ISSN 0378-7788
2. Sučić B., Anđelković A., Željko T.: The concept of an integrated performance monitoring system for promotion of energy awareness in buildings, *Energy and Buildings*, 2015, Vol. 98, No 7/2015, pp. 82-91, ISSN 0378-7788

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Miljković B., Pešenjanski I.: Mathematical modelling of lignite combustion in a bed: A one-dimensional approach, *Thermal Science*, 2015, ISSN 0354-9836, UDK: 621
2. Stepanov B., Pešenjanski I., Spasojević M.: Scandinavian Baffle Boiler Design Revisited, *Thermal Science - International Scientific Journal*, 2015, Vol. 19, No 1, pp. 305-316, ISSN 0354-9836

Spisak rezultata M31 - Predavanje po pozivu sa međunarodnog skupa štampano u celini

1. Petrović J., Medojević M.: The Significance and role of state, ISO 50001 and legislative in the introduction of the energy management system (in Serbian), 5. Regional Conference Industrial Energy and Environmental Protection in South Eastern European Countries IEEP, Zlatibor: Društvo termičara Srbije, 24-27 Jun, 2015, ISBN 978-86-7877-025-8

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Anđelković A., Petrović J., Kljajić M., Mujan I.: Experimental Validation of a Multi-Storey Naturally Ventilated Double Skin Facade, 16. Symposium on Thermal Science and Engineering of Serbia – SIMTERM, Sokobanja: University of Niš, Faculty of Mechanical Engineering in Niš, 22-25 Oktobar, 2013, pp. 151-158, ISBN 978-86-6055-076-9
2. Kljajić M., Anđelković A., Gvozdenac D.: Assessment of Technological and Economic Sustainability for Heat Recovery in Industrial Process of Roasting Coffee, 5. Regional Conference Industrial Energy and Environmental Protection in South Eastern European Countries IEEP, Zlatibor: Društvo termičara Srbije, 24-27 Jun, 2015, pp. 28-28, ISBN 978-86-7877-025-8
3. Medić N., Ćosić Đ., Medojević M., Bondžić (Simić) J., Novaković T.: Reduction of CO2 Emissions with Energy Efficiency Measures, 11. Životna sredina ka Evropi, Beograd: Ambasadori održivog razvoja i životne sredine, 5-6 Jun, 2015, pp. 32-36, ISBN 978-86-89961-02-7
4. Medić N., Laban M., Dražić J., Medojević M., Novaković T.: Cost-benefit Analysis of Energy Efficiency Measures in Buildings, 9. Ocena stanja, održavanje i sanacija građevinskih objekata i naselja, Zlatibor: Savez građevinskih inženjera Srbije / Association of Civil Engineers of Serbia, 25-29 Maj, 2015, pp. 501-508, ISBN 978-86-88897-06-8
5. Medojević M., Medić N., Perić M.: Current State in Wastewater Treatment, Changes, Trends and Potential of IQPR Technology with Example, 1. WASTEnet, International Scientific Conference "Sustainable Solutions to Wastewater Management", Kavala, 19-21 Jun, 2015
6. Medojević M., Medojević M., Đurđević M., Ninković P., Perić A., Balaž B., Stojanović A.: Design and Assembly of Active Air Heating Solar Collector with Preliminary Performance Results, 46. International congress & exhibition on heating, refrigeration and air conditioning, Beograd: SMEITS, 2-4 Decembar, 2015, pp. 217-229, ISBN 978-86-81505-79-3
7. Medojević M., Medojević M., Todorović V., Vrgović P.: The Role of Entrepreneurship in the Transition to Sustainable Development in Developing Countries With Focus On Energy Sector: The Case Of Republic Of Serbia, 8. International Conference for Entrepreneurship, Innovation and Regional Development ICEIRD, Sheffield, 18-19 Jun, 2015, ISBN 978-0-9932801-0-8
8. Medojević M., Petrović J., Medić N., Medojević M.: ISO 50001 as a Tool to Establish an Adequate Energy Management System, 6. International Symposium on Industrial Engineering (SIE), Beograd: Faculty of Mechanical Engineering, Belgrade, 24-25 Septembar, 2015, pp. 141-144, ISBN 978-86-7083-864-2
9. Medojević M., Petrović J., Medojević M.: Experimental Investigation on Energy Performance of Air Heating Solar Collector with Forced Constant Airflow Rate, 17. Symposium on Thermal Science and Engineering of Serbia – SIMTERM, Sokobanja: Društvo termičara Srbije, 20-23 Oktobar, 2015
10. Medojević M., Zong C., Zhang G., Medić N.: The Selection and Design of the Air Conditioning System in the Facilities for Fattening Pig Production Depending On the Conditions of Thermal Comfort: With Focus on Hot Climate, 46. International congress & exhibition on heating, refrigeration and air conditioning, Beograd:

SMEITS, 2-4 Decembar, 2015, pp. 326-336, ISBN 978-86-81505-79-3

11. Medojević M.: Analysis of current automation level in specific compressed air system with model for optimization, 26. DAAAM International Symposium, Zadar: DAAAM International, 21-24 Oktobar, 2015, pp. 1082-1090, ISBN 978-3-902734- 07- 5
12. Mujan I., Anđelković A., Spasojević M., Petrović J., Kljajić M.: Potential Energy Efficiency Improvements on Faculty of Technical Sciences Institute, 16. Symposium on Thermal Science and Engineering of Serbia – SIMTERM, Sokobanja: University of Niš, Faculty of Mechanical Engineering in Niš, 22-25 Oktobar, 2013, pp. 466-473, ISBN 978-86-6055-076
13. Pešenjanski I., Miljković B., Doder Đ.: Sunflower husk combustion in 18 MW boiler cyclone furnace in district heating system – Case study, 14. Symposium on Thermal Science and Engineering of Serbia, Soko Banja, 13-16 Oktobar, 2010
14. Petrović J., Medojević M., Medojević M., Mujan I.: Energy Indicators of Public Buildings in AP Vojvodina With Focus On Hospitals, Schools And Administrative Buildings, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015
15. Stanisavljević A., Katić V., Popadić B., Dumnić B., Kovačević I.: GRID CONNECTED INVERTER CURRENT HARMONICS DURING FAULTS IN THE NETWORK, 18. International Symposium on Power Electronics – Ee, Novi Sad: Društvo za Energetsku elektroniku Srbije, Institut Nikola Tesla, Beograd, Fakultet Tehničkih Nauka, Novi Sad, 28-30 Oktobar, 2015, ISBN 978-86-7892-757-7
16. Vrgović P., Tekić A., Tekić Ž., Medojević M., Čirić D., Todorović V.: Students as Innovation Partners – Company Insights from South-East Europe, 8. International Conference for Entrepreneurship, Innovation and Regional Development ICEIRD, Sheffield: Univeristy of Sheffield, 18-19 Jun, 2015, pp. 327-340, ISBN 978-0-9932801-0-8

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

1. Anđelković A.: Eksperimentalna analiza primene koncepta dvostrukih ventilisanih fasada u uslovima umereno kontinentalne klime, Klimatizacija Grejanje Hlađenje (KGH), 2015, pp. 29-35, ISSN 0350-1426

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Đaković D., Grković V., Spasojević M.: Mogući načini sušenja lignita, 9. Međunarodni forum o čistim energetske tehnologijama, Novi Sad: Fakultet tehničkih nauka, 29-30 Septembar, 2015, pp. 89-96, ISBN 978-86-7892-737-9
2. Kovačević I., Katić V., Lalić B., Stanisavljević A., Tepić G., Tasić N.: Obnovljivi izvori energije i energetska efikasnost: razvoj svesti u okviru obrazovnog sistema, 21. TREND - Trendovi razvoja, Zlatibor: Fakultet tehničkih nauka, 23-26 Februar, 2015, pp. 211-214, ISBN 978-86-7892-680-8
3. Stanisavljević A., Stojančević T., Savić N., Milićević S., Kovačević I.: Matematika u tehnici, 21. XXI Skup Trendovi razvoja: „Univerzitet u promenama...“, Zlatibor: Fakultet tehničkih nauka, 23-26 Februar, 2015, pp. 123-126, ISBN 978-86-7892-680-8

Spisak rezultata M66 - Uređivanje zbornika saopštenja skupa nacionalnog značaja

1. Đaković D., Gvozdenac D.: IX MEĐUNARODNI FORUM O ČISTIM ENERGETSKIM TEHNOLOGIJAMA ENERGETSKI HORIZONT SRBIJE 2020, 9. Međunarodni forum o čistim energetske tehnologijama, Novi Sad: Fakultet tehničkih nauka, 29-30 Septembar, 2015, ISBN 978-86-7892-738-6

Spisak rezultata M71 - Odbranjena doktorska disertacija

1. Anđelković A.: Modeliranje energetske karakteristika dvostrukih ventilisanih fasada, Novi Sad, Fakultet tehničkih nauka, 2015
2. Čeranić M.: Uticaj procesnih parametara na pirolizu i gasifikaciju oklaska kukuruza, Novi Sad, Fakultet tehničkih nauka, 2015
3. Kosanić T.: Uticaj procesnih parametara na pirolizu drvne biomase, Novi Sad, Fakultet tehničkih nauka, 2015

Spisak rezultata M82 - Nova proizvodna linija, novi materijal, industrijski prototip,

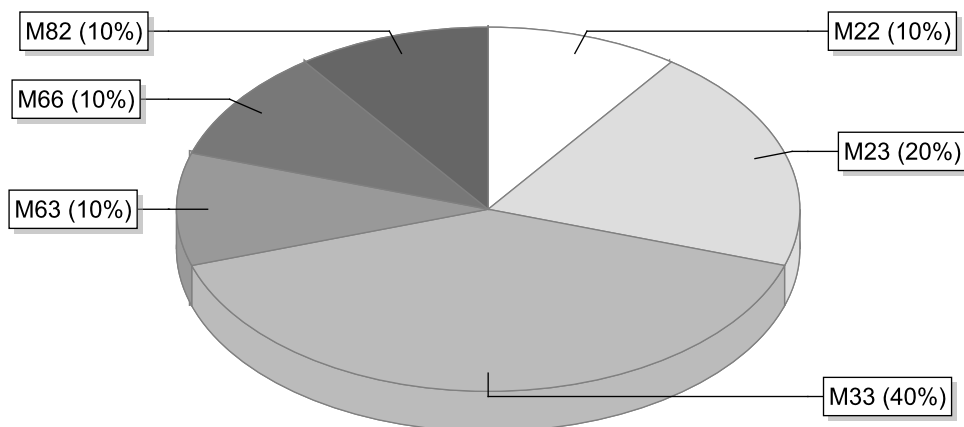
1. Pešenjanski I., Miljković B., Doder Đ.: Postrojenje za ispitivanje otpora strujanju vazduha kroz porozni sloj, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za procesnu tehniku

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u međunarodnom časopisu	M23	2
Saopštenje sa međunarodnog skupa štampano u celini	M33	4
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	1
Uređivanje zbornika saopštenja skupa nacionalnog značaja	M66	1
Nova proizvodna linija, novi materijal, industrijski prototip,	M82	1



PRODUKCIJA - REZULTATI

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Stepanov B., Pešenjanski I., Spasojević M.: Scandinavian Baffle Boiler Design Revisited, Thermal Science - International Scientific Journal, 2015, Vol. 19, No 1, pp. 305-316, ISSN 0354-9836

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Govedarica D., Šečerov Sokolović R., Kiralj A., Govedarica (Borota) O., Sokolović D., Hadnađev-Kostić M.: Separation of mineral oil droplets using polypropylene fibre bed coalescence, Hemijska industrija, 2015, Vol. 69, No 4, pp. 339-345, ISSN 0367-598X
2. Šečerov Sokolović R., Sokolović D., Govedarica D.: Liquid-liquid separation using steady-state bed coalescer, Hemijska industrija, 2015, ISSN 0367-598X, UDK: 0.2298/HEMIND150309041S

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Đaković D., Gvozdenac Urošević B., Vasić G.: Multi-Criteria Analyses of the Factors Influencing the Decisions on Biomass Use in Serbia, 5. Regional Conference Industrial Energy and Environmental Protection in South Eastern European Countries IEEP, Zlatibor: Društvo termičara Srbije, 24-27 Jun, 2015
2. Mujan I., Anđelković A., Spasojević M., Petrović J., Kljajić M.: Potential Energy Efficiency Improvements on Faculty of Technical Sciences Institute, 16. Symposium on Thermal Science and Engineering of Serbia – SIMTERM, Sokobanja: University of Niš, Faculty of Mechanical Engineering in Niš, 22-25 Oktobar, 2013, pp. 466-473, ISBN ISBN 978-86-6055-076
3. Pešenjanski I., Miljković B., Doder Đ.: Sunflower husk combustion in 18 MW boiler cyclone furnace in district heating system – Case study, 14. Symposium on Thermal Science and Engineering of Serbia, Soko Banja, 13-16 Oktobar, 2010
4. Sokolović D., Kiralj A., Hadnađev-Kostić M.: Sustainable Treatment of Oily Wastewater Applying Two Different Waste Polymer Materials as Filter Media, 5. Regional Conference Industrial Energy and Environmental Protection in South Eastern European Countries IEEP, Zlatibor, 24-27 Jun, 2015, pp. 46-52, ISBN ISBN 978-86-7877-025

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Đaković D., Grković V., Spasojević M.: Mogući načini sušenja lignita, 9. Međunarodni forum o čistim energetske tehnologijama, Novi Sad: Fakultet tehničkih nauka, 29-30 Septembar, 2015, pp. 89-96, ISBN 978-86-7892-737-9

Spisak rezultata M66 - Uređivanje zbornika saopštenja skupa nacionalnog značaja

1. Đaković D., Gvozdenac D.: IX MEĐUNARODNI FORUM O ČISTIM ENERGETSKIM TEHNOLOGIJAMA ENERGETSKI HORIZONT SRBIJE 2020, 9. Međunarodni forum o čistim energetske tehnologijama, Novi Sad: Fakultet tehničkih nauka, 29-30 Septembar, 2015, ISBN 978-86-7892-738-6

Spisak rezultata M82 - Nova proizvodna linija, novi materijal, industrijski prototip,

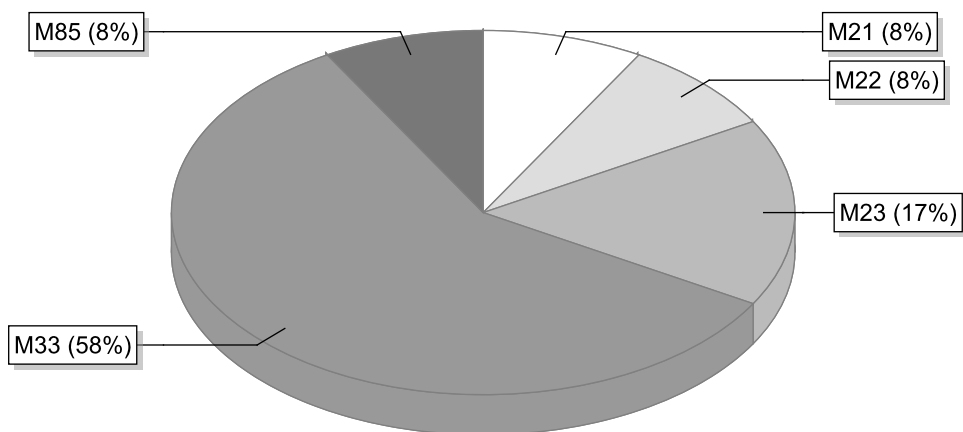
1. Pešenjanski I., Miljković B., Doder Đ.: Postrojenje za ispitivanje otpora strujanju vazduha kroz porozni sloj, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za mehaniku fluida i hidropneumatske sisteme

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u vrhunskom međunarodnom časopisu	M21	1
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u međunarodnom časopisu	M23	2
Saopštenje sa međunarodnog skupa štampano u celini	M33	7
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	1



PRODUKCIJA - REZULTATI

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Bikić S., Uzelac D., Bukurov M., Todorović B., Tašin S.: Air torque position damper energy consumption analysis, *Energy and Buildings*, 2015, Vol. 99, No 2015, pp. 131-139, ISSN 0378-7788

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Jaćimovski S., Bukurov M., Šetrajčić J., Raković D.: Phonon thermal conductivity of graphene, *Superlattices and Microstructures*, 2015, ISSN 0749-6036, UDK: doi:10.1016/j.spmi.2015.09.027

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Nikolić S., Kiš (Kiss) F., Bukurov M., Mladenović V., Stanković J.: Corn-based Polylactide vs. PET Bottles – Cradle-to-gate LCA and implications, *Materiale Plastice*, 2015, Vol. 52, No 4, pp. 517-521, ISSN 0025-5289
2. Radojčin M., Babić M., Babić Lj., Pavkov I., Bukurov M., Bikić S., Mitrevski V.: Effects of osmotic pretreatment on quality and physical properties of dried quinces (*Cydonia oblonga*), *Journal of Food and Nutrition Research*, 2015, Vol. 54, No 2, ISSN 1336-8672

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Bikić S., Bukurov M., Babić M., Radojčin M., Pavkov I.: Dimensioning of the cyclone using computational fluid dynamics, 4. 4. MEĐUNARODNA KONFERENCIJA - INOPTEP 2015, Divčibare: Nacionalno društvo za procesnu tehniku i energetiku u poljoprivredi, 19-24 April, 2015, pp. 18-22, ISBN 978-86-7520-333-9
2. Bikić S., Bukurov M.: Calibration of ATP damper's mathematical model by CFD simulation Conference on Modelling Fluid Flow (CMFF'15), 16. International Conference on Fluid Flow Technologies, Budimpešta: Budapest University of Technology and Economics, Department of Fluid Mechanics, 1-4 Septembar, 2015
3. Bukurov M., Bikić S., Hadnađev M., Radojčin M., Pavkov I.: EFFECT OF TEMPERATURE ON THE RHEOLOGICAL PROPERTIES OF PUREE MADE FROM DEHYDRATED-REHYDRATED PLUM VARIETY "STANLEY", *Časopis za procesnu tehniku i energetiku u poljoprivredi - PTEP*, 2015, pp. 34-38, ISSN 1450-5029, 4. 4. MEĐUNARODNA KONFERENCIJA - INOPTEP 2015, Divčibare: National Society of Processing and Energy in Agriculture; Nacionalno društvo za procesnu tehniku i energetiku u poljoprivredi, 19-24 April, 2015, pp. 34-38, ISBN SBN: 978-86-7520-333
4. Kolaković S., Mihajlović I., Tašin S., Brborić M., Pap S., Ubavin D., Đogo M.: Comparative physico-chemical analysis of wastewater samples in Aleksandrovac, Serbia, 7. Eastern European Young Water Professionals Conference, IWA Young Water Professionals, Beograd, 17-19 Septembar, 2015
5. Marković B., Bukurov M., Bačkalić T., Tašin S.: LOW COSTS LIQUID FLOW METERS CALIBRATION FACILITY, *Časopis za procesnu tehniku i energetiku u poljoprivredi - PTEP*, 2015, pp. 133-138, ISSN 1450-5029, 4. 4. MEĐUNARODNA KONFERENCIJA - INOPTEP 2015, Divčibare: National Society of Processing and Energy in Agriculture; Nacionalno društvo za procesnu tehniku i energetiku u poljoprivredi, 19-24 April, 2015, pp. 133-138, ISBN 978-86-7520-333-9
6. Medojević M., Medojević M., Đurđević M., Ninković P., Perić A., Balaž B., Stojanović A.: Design and Assembly of Active Air Heating Solar Collector with Preliminary Performance Results, 46. International congress & exhibition on heating, refrigeration and air conditioning, Beograd: SMEITS, 2-4 Decembar, 2015, pp. 217-229, ISBN 978-86-81505-79-3
7. Ružić D., Bikić S.: Human Thermal Model for Evaluation of Thermal Sensation in Vehicle Cabin Using CFD Simulations, 17. Symposium on Thermal Science and Engineering of Serbia – SIMTERM, Sokobanja: Univerzitet u Nišu, Mašinski fakultet, 20-23 Oktobar, 2015, pp. 994-1003, ISBN ISBN 978-86-6055-076

Spisak rezultata M85 - Prototip, nova metoda, softver, standardizovan ili atestiran instrument,

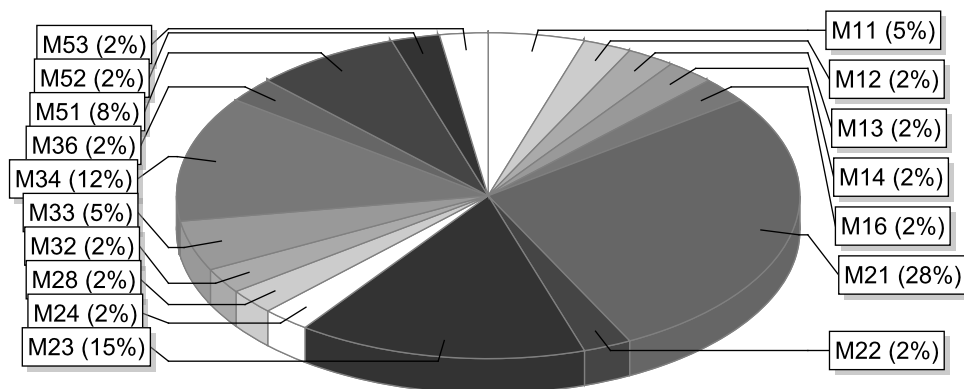
1. Bikić S., Uzelac D., Bukurov M., Todorović B., Marković B., Pavkov I., Radojčin M.: ATP damper za merenje protoka vazduha, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Departman za tehničku mehaniku

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Istaknuta monografija međunarodnog značaja	M11	2
Monografija međunarodnog značaja	M12	1
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	1
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	1
Leksikografske jedinica ili karta u naučnoj publikaciji međunarodnog značaja	M16	1
Rad u vrhunskom međunarodnom časopisu	M21	11
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u međunarodnom časopisu	M23	6
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Uređivanje međunarodnog naučnog časopisa	M28	1
Predavanje po pozivu sa međunarodnog skupa štampano u izvodu	M32	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	2
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	5
Uređivanje zbornika saopštenja međunarodnog naučnog skupa	M36	1
Rad u vodećem časopisu nacionalnog značaja	M51	3
Rad u časopisu nacionalnog značaja	M52	1
Rad u naučnom časopisu	M53	1

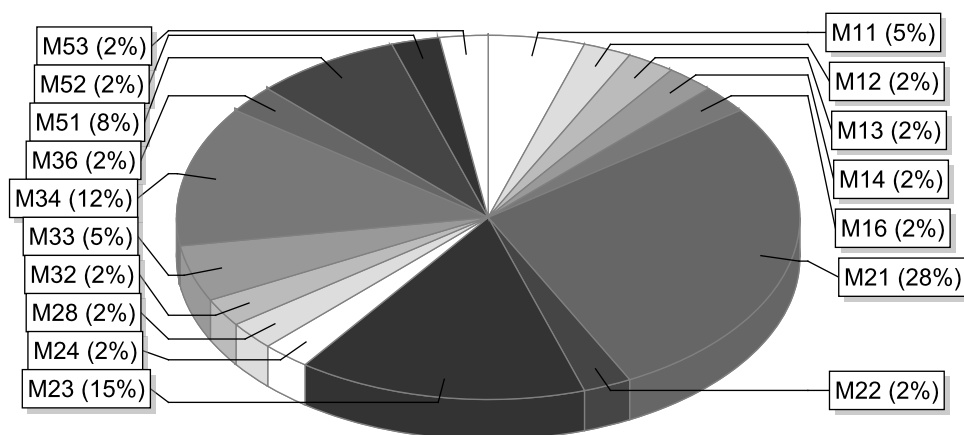


GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za tehničku mehaniku

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Istaknuta monografija međunarodnog značaja	M11	2
Monografija međunarodnog značaja	M12	1
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	1
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	1
Leksikografske jedinica ili karta u naučnoj publikaciji međunarodnog značaja	M16	1
Rad u vrhunskom međunarodnom časopisu	M21	11
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u međunarodnom časopisu	M23	6
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Uređivanje međunarodnog naučnog časopisa	M28	1
Predavanje po pozivu sa međunarodnog skupa štampano u izvodu	M32	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	2
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	5
Uređivanje zbornika saopštenja međunarodnog naučnog skupa	M36	1
Rad u vodećem časopisu nacionalnog značaja	M51	3
Rad u časopisu nacionalnog značaja	M52	1
Rad u naučnom časopisu	M53	1



PRODUKCIJA - REZULTATI

Spisak rezultata M11 - Istaknuta monografija međunarodnog značaja

1. Cvetičanin L.: Dynamics of bodies with time-variable mass, Heidelberg, Springer, 2015, ISBN 978-3-319-22055-0
2. Cvetičanin L.: Dynamics of Bodies with Time-Variable Mass, Springer, 2015, ISBN 978-3-319-22055-0

Spisak rezultata M12 - Monografija međunarodnog značaja

1. Cvetičanin L.: L. Cveticanin, Dj. Djukic, Advances in dynamics, Heidelberg, LAP Lambert, 2015, ISBN 978-3-659-62114-7

Spisak rezultata M13 - Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja

1. Mađarević D.: From Particle Systems to Partial Differential Equations II: Shock Structure and Temperature Overshoot in Macroscopic Multi-temperature Model of Binary Mixtures, Springer International Publishing, 2015, str. 253-272, ISBN ISBN 978-3-319-16637, UDK: 10.1007/978-3-319-16637-7

Spisak rezultata M14 - Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja

1. Simić S.: The structure of shock waves in dissipative hyperbolic models, Berlin, Springer-Verlag, Springer Proceedings in Mathematics and Statistics, 2015, str. 335-353, ISBN 978-3-319-16636-0

Spisak rezultata M16 - Leksikografske jedinica ili karta u naučnoj publikaciji međunarodnog značaja

1. Simić S., Mađarević D.: Non-equilibrium mixtures of gases: modelling and computation, Rivista di Matematica della Università di Parma, Proceedings of 7th Summer School on "Methods and Models of Kinetic Theory" (M&Mkt 2014) - Porto Ercole (Grosseto, Italy) June 8-14, 2014, UNIVERSITA DEGLI STUDI DI PARMA, 2015, str. 135-214, ISBN Print ISSN 0035-6298

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Atanacković T., Nedeljkov M., Pilipović S., Rajter-Ćirić D.: Dynamics of a Fractional Derivative Type of a Viscoelastic Rod with Random Excitation, Fractional Calculus and Applied Analysis, 2015, Vol. 18, No 5, pp. 1232-1251, ISSN 1311-0454
2. Cvetičanin L.: A solution procedure based on the Ateb function for a two-degree-of-freedom oscillator, Journal of Sound and Vibration, 2015, Vol. 346, No 1, pp. 298-313, ISSN 0022-460X
3. Cvetičanin L.: J. Sarosi, I. Biro, J. Nemeth, L. Cveticanin, Dynamic modeling of a pneumatic muscle actuator with two-direction motion, Mechanism and Machine Theory, 2015, Vol. 85, pp. 25-34, ISSN 0094-114X
4. Cvetičanin L.: L. Cveticanin, M. Zukovic, Motion of a motor-structure non-ideal system, European Journal of Mechanics, A/Solids, 2015, Vol. 53, pp. 229-240, ISSN 0997-7538
5. Cvetičanin L.: L. Cveticanin, M. Zukovic, Non-ideal mechanical system with an oscillator with rational nonlinearity, Journal of Vibration and Control, 2015, Vol. 21, No 11, pp. 2149-2164, ISSN 1077-5463
6. Cvetičanin L.: Principle of generalized velocities in dynamics of planar separation of a rigid body, Acta Mechanica, 2015, Vol. 226, pp. 2511-2525, ISSN 0001-5970
7. Kovačić I., Cartmell M., Zuković M.: Mixed-mode dynamics of bistable oscillators with low-frequency excitation: behavioural mapping, approximations for motion and links with van der Pol oscillators, Proceedings of the Royal Society. A: Mathematical, Physical and Engineering Sciences, 2015, Vol. 471, No 20150638, pp. 1-18, ISSN 1364-5021
8. Petrović Lj., Zorica D., Stojanac I., Krstonošić V., Hadnađev M., Premović M., Atanacković T., Janev M.: Viscoelastic properties of uncured resin composites: Dynamic oscillatory shear test and fractional derivative model, Dental Materials, 2015, Vol. 31, No 8, pp. 1003-1009, ISSN 0109-5641
9. Popović J., Spasić D., Tošić J., Kolarović J., Malti R., Mitić I., Pilipović S., Atanacković T.: Fractional model for pharmacokinetics of high dose methotrexate in children with acute lymphoblastic leukaemia, Communication in Non-linear Science and Numerical Simulations, 2015, Vol. 22, pp. 451-471, ISSN 1007-5704
10. Šaroši J., Biro I., Nemet J., Cvetičanin L.: Dynamic modeling of a pneumatic muscle actuator with two-direction motion, Mechanism and Machine Theory, 2015, Vol. 85, pp. 25-34, ISSN 0094-114X
11. Zuković M., Kovačić I., Cartmell M.: On the dynamics of a parametrically excited planar tether, Communication in Non-linear Science and Numerical Simulations, 2015, Vol. 26, No 1-3, pp. 250-264, ISSN 1007-5704

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Atanacković T., Novaković B., Vrcelj Z., Zorica D.: Rotating Nanorod with Clamped Ends, *International Journal of Structural Stability and Dynamics*, 2015, Vol. 15, No 3, pp. 1-8, ISSN 0219-4554

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Cvetičanin L.: Axial vibration of a robot surgery tentacle, *Acta Technica Corviniensa - Bulletin of Engineering*
2. Cvetičanin L.: Generalization of the Krylov-Bogoliubov method for nonlinear oscillators, *Applied Mechanics and Materials*
3. Cvetičanin L.: L. Cveticanin, S. Opricovic, Multi-criteria decision based on safety requirements in water plants, *Engineering Management Reviews (EMR)*, ISSN 2326-5876, doi, 10.14355/3mr.2015.04.003
4. Maretić R., Glavardanov V.: Vibration and stability of rotating annular disks composed of different materials, *Archive of Appl. Mech*, 2015, Vol. 85, No 1, pp. 117-131, ISSN 0939-1533
5. Medić-Stojanoska M., Ičin (Radovanov) T., Pletikosić I., Bajkin (Obrovački) I., Novaković-Paro J., Stokić E., Spasić D., Kovačev-Zavišić B., Abenavoli L.: Risk factors for accelerated atherosclerosis in young women with hyperprolactinemia, *Medical Hypotheses*, 2015, Vol. 84, No 4, pp. 321-326, ISSN 0306-9877
6. Petronijević B., Šarčev I., Zorica D., Janev M., Atanacković T.: Fractional two-compartmental model for artocaine serum levels, *Heat and Mass Transfer*, 2015, ISSN 0947-7411, UDK: 10.1007/s00231-015-1639-7

Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

1. Cvetičanin L.: Self excited vibration of a line element of building line structure, *Facta universitatis - series: Working and Living Environmental Protection*, 2015, Vol. 12, pp. 39-47, ISSN 0354-804X

Spisak rezultata M28 - Uređivanje međunarodnog naučnog časopisa

1. Cvetičanin L.: *Mechanism and Machine Theory*

Spisak rezultata M32 - Predavanje po pozivu sa međunarodnog skupa štampano u izvodu

1. Žigić M., Grahovac N.: Crash test modelling, 1. *Mechanics through Mathematical Modelling*, Novi Sad: Branch of the Serbian Academy of Arts and Sciences, 6-11 Septembar, 2015, pp. 72-72

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Novaković B.: Optimal shape of a column with clamped-elastically supported ends positioned on elastic foundation, 5. *International Congress of Serbian Society of Mechanics*, Aranđelovac: Serbian Society of Mechanics and Faculty of Technical Sciences Novi Sad, 15-17 Jun, 2015, ISBN 978-86-7892-715-7
2. Novaković B.: Stability of a beam clamped on one end and elastically restrained-clamped on the other end, 13. *iNDiS*, Novi Sad: Department of Civil Engineering and Geodesy - Faculty of Technical Sciences - Novi Sad, 25-27 Novembar, 2015, pp. 74-79, ISBN 978-86-7892-748-5, UDK: 624.041

Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

1. Mađarević D.: Appearance Of The Temperature Overshoot Within The Shock Structure In Binary Gas Mixture Models, 1. *Mechanics through Mathematical Modelling*, Novi Sad, 6-11 Septembar, 2015
2. Mađarević D.: Appearance Of The Temperature Overshoot Within The Shock Structure In Binary Gas Mixture Models, 5. *International Congress of Serbian Society of Mechanics*, Aranđelovac: Serbian Society of Mechanics and Faculty of Technical Sciences Novi Sad, 15-17 Jun, 2015, ISBN 978-86-7892-715-7
3. Novaković B., Vrcelj Z.: Application of Pontryagin's principle to bimodal optimization of a compressed column, 1. *Mechanics through Mathematical Modelling*, Novi Sad: Branch of the Serbian Academy of Arts and Sciences, Novi Sad, Serbia, 6-11 Septembar, 2015, pp. 51-51
4. Spasić D., Dolićanin Z.: An ocular biomechanics model describing early glaucoma caused alterations in the peripapillary sclera, 1. *International Scientific Conference on Mechanics - The Seventh Polyakhov's Reading*, Saint Petersburg, 2-6 Februar, 2014
5. Žigić M., Grahovac N.: Oscillations of adjacent structures during an earthquake, 5. *International Congress of Serbian Society of Mechanics*, Aranđelovac, 15-17 Jun, 2015, ISBN 978-86-7892-715-7

Spisak rezultata M36 - Uređivanje zbornika saopštenja međunarodnog naučnog skupa

1. Spasić D., Lazarević M., Grahovac N., Žigić M.: *Proceedings of 5th International Congress of Serbian Society of Mechanics*, 5. *International Congress of Serbian Society of Mechanics*, Aranđelovac: Faculty of Technical Sciences, 15-17 Jun, 2015, ISBN 978-86-7892-715-7

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

1. Čolić M., Simić S.: Moment closure hierarchies for rarefied gases, *Theoretical and Applied Mechanics*, 2015, Vol. 42, No 4, pp. 261-276, ISSN 1450-5584

2. Novaković B.: Optimal shape of a column with clamped-elastically supported ends positioned on elastic foundation, *Theoretical and Applied Mechanics*, 2015, Vol. 42, No 3, pp. 191-200, ISSN 1450-5584
3. Žigić M., Grahovac N.: Earthquake response of adjacent structures with viscoelastic and friction dampers, *Theoretical and Applied Mechanics*, 2015, Vol. 42, No 4, pp. 277-289, ISSN 1450-5584

Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Zuković M., Kovačić I., Cartmell M.: Characterising the dynamic behaviour of two-well oscillators excited at low frequency: numerical insights , *Journal of Serbian Society for Computational Mechanics*, 2015, Vol. 9, No 2, pp. 34-46, ISSN 1820-6530

Spisak rezultata M53 - Rad u naučnom časopisu

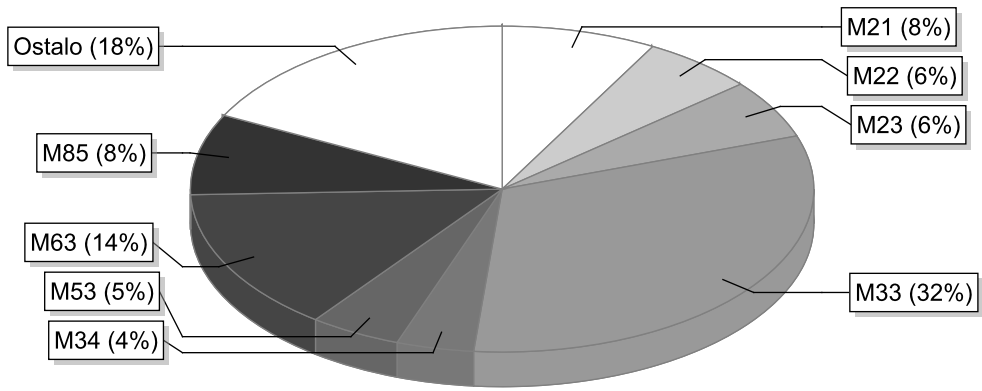
1. Čolić M., Simić S., Mađarević D.: Moment Equations for Polyatomic Gases, *Rivista di Matematica Della Università di Parma*, 2015, Vol. 6, pp. 135-214, ISSN 0035-6298

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Departman za energetiku, elektroniku i telekomunikacije

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	2
Rad u vrhunskom međunarodnom časopisu	M21	22
Rad u istaknutom međunarodnom časopisu	M22	16
Rad u međunarodnom časopisu	M23	16
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	3
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	1
Predavanje po pozivu sa međunarodnog skupa štampano u izvodu	M32	5
Saopštenje sa međunarodnog skupa štampano u celini	M33	87
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	11
Uređivanje zbornika saopštenja međunarodnog naučnog skupa	M36	1
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	2
Rad u vodećem časopisu nacionalnog značaja	M51	6
Rad u časopisu nacionalnog značaja	M52	2
Rad u naučnom časopisu	M53	13
Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini	M61	2
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	39
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	7
Odbranjena doktorska disertacija	M71	5
Novi proizvod ili tehnologija uvedeni u proizvodnju - međunarodni nivo	M81	8
Novo laboratorijsko postrojenje, novo eksperimentalno postrojenje, novi tehnološki postupak	M83	1
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	22
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo na međunarodnom nivou	M91	2
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo	M92	1

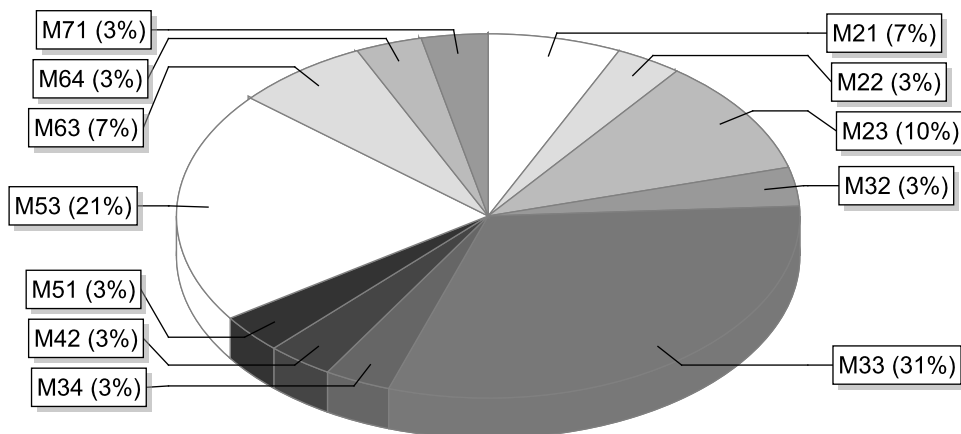


GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za elektro-energetiku

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u vrhunskom međunarodnom časopisu	M21	2
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u međunarodnom časopisu	M23	3
Predavanje po pozivu sa međunarodnog skupa štampano u izvodu	M32	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	9
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	1
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	1
Rad u vodećem časopisu nacionalnog značaja	M51	1
Rad u naučnom časopisu	M53	6
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	2
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	1
Obranjena doktorska disertacija	M71	1



PRODUKCIJA - REZULTATI

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Đukić S., Stanković A., Sarić A.: Approximate Bisimulation-based Reduction of Power System Dynamic Models, IEEE Transactions on Power Systems, 2015, Vol. 30, No 3, pp. 1252-1260, ISSN 0885-8950
2. Stanković A., Sarić A.: Dynamic Voltage Stability Assessment in Large Power Systems with Topology Control Actions, IEEE Transactions on Power Systems, 2015, ISSN 0885-8950

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Sarić A.: Dynamic Voltage Stability Assessment in Large Power Systems with Topology Control Actions, IEEE Transactions on Power Systems, 2015, ISSN 0885-8950

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Ranković A., Maksimović B., Sarić A., Lukić U.: ANNs-based Correlation of Measurements in Micro-Grid State Estimation, International Transactions on Electrical Energy Systems, 2015, Vol. 25, No 10, pp. 2181-2202, ISSN 2050-7038
2. Rosić D., Lendak I., Vukmirović S.: A Role-based Access Control Model Supporting Regional Division in Smart Grid System, Acta Polytechnica Hungarica, 2015, Vol. 12, No 7, pp. 237-250, ISSN 1785-8860
3. Strezoski V., Vidović P.: Power flow for general mixed distribution networks, International Transactions on Electrical Energy Systems, 2015, Vol. 25, No 10, pp. 2455-2471, ISSN 2050-7038

Spisak rezultata M32 - Predavanje po pozivu sa međunarodnog skupa štampano u izvodu

1. Lendak I.: Crowdsensed Big Data and Algorithms, 9. IEEE International Conference on Open Source Systems & Technologies (ICOSST), Lahore, 17-19 Decembar, 2015, pp. 1-1

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Dalčeković N., Vukmirović S., Stoja S., Milošević N.: Enabling the IoT paradigm using multi-tenant service architecture, 1. International Conference CLOUDIFICATION OF THE INTERNET OF THINGS, Pariz, 10-12 Jun, 2015
2. Katić V., Čorba Z., Dumnić B., Milićević D., Grabić S., Katić N.: Solar PV System Grid Integration Issues Harmonics, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015
3. Kezunović M., Đokić T., Chen P., Malbaša V.: Improved Transmission Line Fault Location Using Automated Correlation of Big Data from Lightning Strikes and Fault-induced Traveling Waves, 48. Hawaii International Conference on System Sciences, Kauai: IEEE Computer Society, 5-8 Januar, 2015, pp. 2719-2728, UDK: DOI 10.1109/HICSS.2015.328
4. Lendak I., Farkas K.: Evaluation of simulation engines for crowdsensing activities, 3. Regional Conference - Mechatronics in Practice and Education (MECHEDU), Subotica, 14-16 Maj, 2015, pp. 82-87, ISBN 978-86-918815-0-4
5. Lendak I.: Simulation Environment for Investigating Crowd-sensing Based Urban Parking, 4. International Conference on Models and Technologies for Intelligent Transportation Systems (MT-ITS), Budimpešta: IEEE, 3-5 Jun, 2015, pp. 320-327
6. Mirković D., Luković I., Obrenović N., Rogić Đ.: A Framework for Comparative Analysis of Data Mining Algorithms, 5. International Conference on Information Society Technology and Management, Kopaonik: Association for Information systems and Computer networks, 8-11 Mart, 2015, pp. 49-54
7. Popović Ž., Knežević S., Brbaklić B.: Optimal Number, Type and Location of Remotely Controlled and Supervised Devices in Distribution Networks, 2. IEEE PowerTECH Conference, Eindhoven, 28-2 Jun, 2015, pp. 1-6, ISBN 978-14-7997-695-9
8. Radaković J., Popović Ž., Matejić D.: Selection of size and class of the transformers in distribution networks, 18. International Symposium on Power Electronics – Ee, Novi Sad, 28-30 Oktobar, 2015, pp. 1-6, ISBN 978-86-7892-757-7
9. Sarić A., Stanković A.: Tractable and Scalable Algorithm for Dynamic Voltage Stability Assessment in Large-Scale Power Systems, 2. IEEE PowerTECH Conference, Eindhoven, 28-2 Jun, 2015

Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

1. Lendak I., Lendak-Kabok K.: Language barriers faced by Hungarian minority women studying in Serbia, 15. International Conference on Minority Languages (ICML), Beograd, 28-30 Maj, 2015, pp. 1-1

Spisak rezultata M42 - Monografija nacionalnog značaja, monografsko izdanje građe,

1. Gavrić M.: Vrbničanin, S., Malidža G., Gavrić, M. (2015): Kriterijumi, metode i rezultati kartiranja alohtonih invazivnih korova na području Srbije. In: Invazivni korovi: invazivni procesi, ekološko-genetički potencijal, unošenje, predviđanje, rizici, širenje, štete i kartiranje (Vrbničanin, S. ed.). Herbološko društvo Srbije, pp. 233-315., Beograd, Herbološko društvo Srbije, 2015, str. 233-315, ISBN 978-86-911965-2-3

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

1. Popović Ž.: Određivanje optimalnog broja, tipa i lokacije uređaja za automatizaciju elektrodistributivnih mreža, Tehnika, 2015, No 1, pp. 97-104, ISSN 0040-2176

Spisak rezultata M53 - Rad u naučnom časopisu

1. Blagojević D., Vidović P.: Proračun tokova snaga prenosnih mreža primenom Newton-Raphson-ove metode, Zbornik radova Fakulteta tehničkih nauka, 2015, No 5, pp. 834-837, ISSN 0350-428X, UDK: 621.31
2. Ećimović M., Vidović P.: Uticaj neutralnog provodnika na vrednost struja kratkih spojeva, Zbornik radova Fakulteta tehničkih nauka, 2015, No 7, pp. 1240-1243, ISSN 0350-428X, UDK: 621.311
3. Jović S., Vidović P.: Proračun tokova snaga zasnovan na metodu konturnih struja, Zbornik radova Fakulteta tehničkih nauka, 2015, No 3, pp. 495-498, ISSN 0350-428X, UDK: 621.31
4. Klimenta M., Vidović P.: Proračun tokova snaga miksovane distributivne mreže u faznom domenu, Zbornik radova Fakulteta tehničkih nauka, 2015, No 14, pp. 2623-2626, ISSN 0350-428X, UDK: 621.31
5. Mitrović A., Vidović P.: Proračun tokova snaga miksovane distributivne mreže u domenu simetričnih komponenti, Zbornik radova Fakulteta tehničkih nauka, 2015, No 14, pp. 2619-2622, ISSN 0350-428X, UDK: 621.31
6. Ristić M., Vidović P.: Spremnost mreže za izvršavanje naponsko-reaktivne optimizacije, Zbornik radova Fakulteta tehničkih nauka, 2015, No 1, pp. 133-136, ISSN 0350-428X, UDK: 004.9

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Bibić R., Trivunović A., Sarić A.: Unapređeni postupci pre-estimacione analize u estimaciji stanja prenosnih elektroenergetskih mreža, 32. Savetovanje CIGRE SRBIJA, Zlatibor, 17-21 Maj, 2015
2. Trivunović A., Sarić A.: Integracija lokalne estimacije snaga injektiranja po otočnim elementima u osnovni algoritam statičke estimacije stanja, 32. Savetovanje CIGRE SRBIJA, Zlatibor, 17-21 Maj, 2015, pp. 1-5

Spisak rezultata M64 - Saopštenje sa skupa nacionalnog značaja štampano u izvodu

1. Lendak I.: Közösségi érzékelés szimulációját segítő eszköz elemzése, 6. Vajdasági Magyar Tudóstalálkozó, Subotica, 25 April, 2015, pp. 1-1

Spisak rezultata M71 - Odbranjena doktorska disertacija

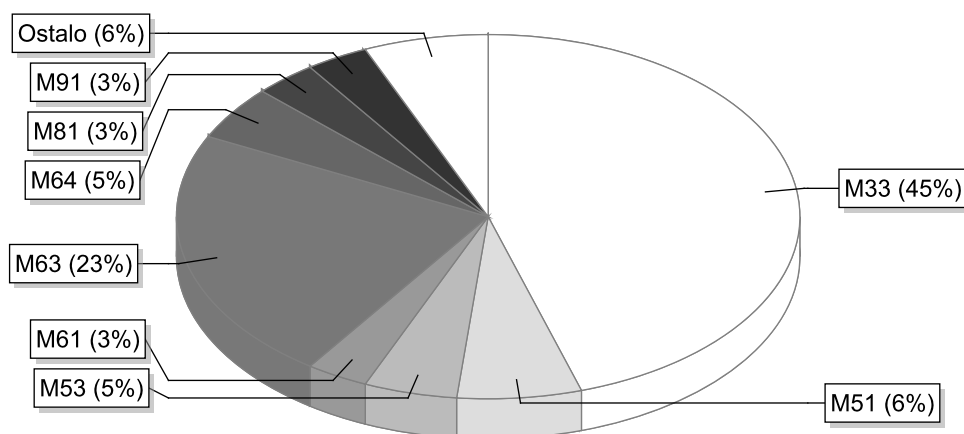
1. Vidović P.: Proračuni tokova snaga neuravnoteženih distributivnih mreža, Novi Sad, Fakultet tehničkih nauka, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za energetska elektroniku i pretvarače

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u međunarodnom časopisu	M23	1
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	28
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	1
Rad u vodećem časopisu nacionalnog značaja	M51	4
Rad u naučnom časopisu	M53	3
Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini	M61	2
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	14
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	3
Novi proizvod ili tehnologija uvedeni u proizvodnju - međunarodni nivo	M81	2
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	1
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo na međunarodnom nivou	M91	2



PRODUKCIJA - REZULTATI

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Jerkan D., Marčetić D.: Advanced model of IM including rotor slot harmonics, COMPEL - The international journal for computation and mathematics in electrical engineering, 2015, Vol. 34, No 1, pp. 261-278, ISSN 0332-1649

Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

1. Reljić D., Tomić J., Kanović Ž.: Application of the Goertzel's Algorithm in the Airgap Mixed Eccentricity Fault Detection, Serbian Journal of Electrical Engineering, 2015, Vol. 12, No 1, pp. 17-32, ISSN 1451-4869, UDK: 621.313.333: 621.317.36

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Adžić E., Porobić V., Ivanović Z., Vekić M., Grabić S.: Sensorless vector control of induction motor with current reconstruction method, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015, pp. 127-130
2. Adžić E., Porobić V., Ivanović Z., Vekić M., Katić V.: Parameter Mismatch Impact on Vector Controlled Induction Machine Drive with Current Reconstruction Method, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero, 8-11 Jun, 2015, pp. 1-6, ISBN 978-86-80509-71-6
3. Dumnić B., Milićević D., Popadić B., Katić V., Čorba Z.: Advanced Wind Energy System with Sensorless Controlled Six-phase Generator, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015
4. Dumnić B., Popadić B., Milićević D., Katić V., Čorba Z.: Control of grid connected converter with improved power quality characteristic, 26. International Exhibition and Conference on Power Electronics, Intelligent Motion and Power Quality, Nurnberg: VDE, 19-20 Maj, 2015, pp. 1-8, ISBN 978-3-8007-3924-0
5. Dumnić B., Popadić B., Milićević D., Katić V., Subotić I., Nandor B., Levi E.: Laboratory Test Bench for Multi-Phase Machines and Power Electronics in Electrical Vehicle Applications, 18. International Symposium on Power Electronics - Ee, Novi Sad, 28-30 Oktobar, 2015, pp. 1-5, ISBN 978-86-7892-757-7
6. Gecić M., Kapetina M., Popović V., Marčetić D.: Generalized PSO Based Energy Efficiency Control for High Speed IM Drives, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero: ETRAN Society, Belgrade, 8-11 Jun, 2015, pp. 1-6, ISBN 978-86-80509-71-6
7. Ivanović Z., Vekić M., Adžić E., Grabić S., Porobić V.: Renewable energy applications development using contemporary hardware and software tools, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero: ETRAN Society, 8-11 Jun, 2015, pp. 1-5, ISBN 978-86-80509-71-6
8. Ivanović Z., Vekić M., Adžić E., Porobić V., Katić V.: Wind Turbine integration into the smart grid in case of unbalanced voltage conditions, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015, pp. 123-126
9. Jerkan D., Milićević D., Katić V., Greconici M.: "MCCA Model of Asymmetrical Six-Phase Induction Machine", 18th International Symposium on Power Electronics, 18. International Symposium on Power Electronics - Ee, Novi Sad, 28-30 Oktobar, 2015, pp. 1-4, ISBN 978-86-7892-757-7
10. Katić V., Čorba Z., Dumnić B., Milićević D., Grabić S., Katić N.: Solar PV System Grid Integration Issues Harmonics, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015
11. Katić V., Dumnić B., Čorba Z., Pecelj M.: Electric and Hybrid Vehicles Battery Charger Cluster Locations in Urban Areas, 17. European Conference on Power Electronics and Applications, Geneva, 8-10 Septembar, 2015, ISBN 9789075815238
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14. Milićević D., Dumnić B., Popadić B., Katić V., Oros Đ.: Overview of the six phase VSI control techniques for the dual three-phase induction machine drive, 26. International Exhibition and Conference on Power Electronics, Intelligent Motion and Power Quality, Nurnberg: VDE, 19-20 Maj, 2015, pp. 1-8, ISBN 978-3-

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15. Milićević D.: Influence of modulation technique on power quality issues for grid connected converter, 18. International Conference on Electrical Drives and Power Electronics – EDPE, Tatranské Matliare, 21-23 Septembar, 2015, pp. 252-258
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17. Porobić V., Rapaić M., Adžić E., Grabić S., Vekić M., Ivanović Z.: DSP built-in oscilloscope for power electronics appliance, 18. International Symposium on Power Electronics – Ee, Novi Sad: University of Novi Sad, Faculty of Technical Sciences, 28-30 Oktobar, 2015, pp. 1-5, ISBN 978-86-7892-757-7
18. Porobić V., Rapaić M., Grabić S., Adžić E., Vekić M.: Controller Embedded Oscilloscope Functionality for Power Converter Applications, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015, pp. 131-134
19. Reljić D., Todorović I.: An Experimental Approach to the Evaluation of Power Losses in Laminated Core, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero: Society for ETRAN, 8-11 Jun, 2015, pp. 1-6, ISBN 978-86-80509-71-6
20. Stanisavljević A., Katić V., Popadić B., Dumnić B., Kovačević I.: GRID CONNECTED INVERTER CURRENT HARMONICS DURING FAULTS IN THE NETWORK, 18. International Symposium on Power Electronics – Ee, Novi Sad: Društvo za Energetsku elektroniku Srbije, Institut Nikola Tesla, Beograd, Fakultet Tehničkih Nauka, Novi Sad, 28-30 Oktobar, 2015, ISBN 978-86-7892-757-7
21. Strugar V., Katić V.: Coastal Distribution Network Power Quality Measurement, 23. International Conference on Electricity Distribution, Lion, 15-18 Jun, 2015
22. Subotić I., Nandor B., Levi E., Dumnić B., Milićević D., Katić V.: An Integrated Multiphase System for Slow and Fast EV Battery Charging, 18. International Symposium on Power Electronics – Ee, Novi Sad, 28-30 Oktobar, 2015, pp. 1-5, ISBN 978-86-7892-757-7
23. Todorović I., Grabić S., Ivanović Z., Porobić V., Adžić E.: Grid connected inverter DC-link charge analysis, 18. International Symposium on Power Electronics – Ee, Novi Sad: University of Novi Sad, Faculty of Technical Sciences, 28-30 Oktobar, 2015, ISBN 978-86-7892-757-7
24. Todorović I.: Multiple Battery Charger Stations Impact on Power Quality, 10. International Symposium on Industrial Electronics (INDEL), Banja Luka: Faculty of Electrical Engineering University of Banja Luka, 6-8 Novembar, 2014, pp. 229-234, ISBN 978-99955-46-22-9
25. Tomić J., Čorba Z., Katić V., Kušljević M.: Smart SCADA system for Smart Grid monitoring, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero, 8-11 Jun, 2015
26. Tomić J., Stalevski T., Katić V., Živanov M.: One exercise for a virtual laboratory in the field of signal sampling, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero, 8-11 Jun, 2015
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28. Vekić M., Grabić S., Ivanović Z., Porobić V., Katić V.: Procedure for Development and Testing of Power Electronics Control Systems Based on HIL Technology, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015, pp. 119-122

Spisak rezultata M42 - Monografija nacionalnog značaja, monografsko izdanje građe,

1. Doroslovački R., Vilotić D., Katić V., Kovačević I., Šešlija D., Kolaković S., Konjović Z.: Uspešnost studiranja na Fakultetu tehničkih nauka u Novom Sadu, Novi Sad, Fakultet tehničkih nauka, Edicija Tehničke nauke - Monografije, 2015, ISBN 987-86-7892-764-5

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

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2. Dumnić B., Popadić B., Milićević D., Katić V., Oros Đ.: Artificial Intelligence Based Vector Control of Induction Generator without Speed Sensor for Use in Wind Energy Conversion System, *International*

3. Katić V., Čorba Z., Milićević D., Dumnić B., Popadić B.: Realizacija krovne fotonaponske elektrane na Fakultetu tehničkih nauka u Novom Sadu, Tehnika, 2015, Vol. 4, pp. 655-662, ISSN 0040-2176
4. Katić V., Čorba Z., Milićević D., Dumnić B., Popadić B.: Realization and Operation of Roof-top Photovoltaic Power Plant at the Faculty of Technical Sciences in Novi Sad, Tehnika, 2015, pp. 90-97, ISSN 0040-2176, UDK: 621311243

Spisak rezultata M53 - Rad u naučnom časopisu

1. Klisarić P., Katić V., Čorba Z.: Realizacija solarnog sistema za zagrevanje vode – primer OŠ „Aleksa Šantić“ Zvornik, Zbornik radova Fakulteta tehničkih nauka, 2015, Vol. 30, No 5, pp. 819-822, ISSN 0350-428X
2. Popov S., Vasić V., Oros Đ.: Toplotni model asinhronne mašine u programskom paketu MATLAB-SIMULINK, Zbornik radova Fakulteta tehničkih nauka, 2015, Vol. 3, No 30, pp. 436-439, ISSN 0350-428X
3. Spasojević M., Vasić V., Oros Đ.: Primena električnih uređaja u eksplozivnoj sredini, Zbornik radova Fakulteta tehničkih nauka, 2015, Vol. 10, No 30, pp. 1737-1740, ISSN 0350-428X

Spisak rezultata M61 - Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini

1. Doroslovački R., Katić V., Kovačević I.: Prolaznost / kvalitet: dva suprotna zahteva ili...?, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 15-19
2. Marčetić D., Gecić M.: Pravci razvoja savremenih energetski efikasnih elektromotornih pogona namenjenih za uređaje široke potrošnje, 1. Energetska efikasnost ENEF, Banja Luka: Univerzitet u Banjoj Luci, Elektrotehnički fakultet, 25-26 Septembar, 2015

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Blanuša B., Vuković G., Dumnić B., Popadić B.: Primjer regulisanog elektromotornog pogona sa povećanom energetskom efikasnosti, 18. International Symposium on Power Electronics – Ee, Novi Sad: Društvo za energetsku elektroniku, 28-30 Oktobar, 2015, pp. 1-4, ISBN 978-86-7892-757, UDK: COBISS.SR-ID 300281095
2. Čorba Z., Katić V., Dumnić B., Milićević D., Popadić B.: Fotonaponska elektrana kao istraživačka laboratorija na otvorenom, 18. International Symposium on Power Electronics – Ee, Novi Sad, 28-30 Oktobar, 2015, pp. 1-5, ISBN 978-86-7892-757-7
3. Dumnić B., Katić V.: Obnovljivi izvori i aktivnosti CRESPO-a, 18. International Symposium on Power Electronics – Ee, Novi Sad: Društvo za energetsku elektroniku, 28-30 Oktobar, 2015, pp. 1-4, ISBN 978-86-7892-757-7, UDK: COBISS.SR-ID 300281095
4. Katić V., Čorba Z., Dumnić B., Milićević D., Popadić B., Kovačević I.: Energetska efikasnost mrežnih fotonaponskih elektrana – primer FNE “FTN NoviSad”, 1. Energetska efikasnost ENEF, Banja Luka, 25-26 Septembar, 2015, pp. 20-25, ISBN 978-99955-46-23-6
5. Katić V., Čorba Z., Vilotić D., Šešlija D., Doroslovački R., Kolaković S., Kovačević I.: Edukacija iz obnovljivih izvora energije na Fakultetu tehničkih nauka, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 215-219, ISBN 978-86-7892-680-8
6. Katić V., Nikolić D., Kovačević I., Vilotić D., Doroslovački R., Kolaković S., Šešlija D.: Nastava na Fakultetu tehničkih nauka kroz brojke, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 191-195
7. Kolaković S., Doroslovački R., Katić V., Vilotić D., Šešlija D.: Upravljanje projektom i dinamika izgradnje naučno-tehnološkog parka UNS-FTN, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 1-6, ISBN 978-86-7892-680-8
8. Kovačević I., Doroslovački R., Vilotić D., Šešlija D., Katić V., Kolaković S., Zivlak V.: Neki predlozi izmena Zakona o visokom obrazovanju, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 32-36
9. Kovačević I., Doroslovački R., Vilotić D., Šešlija D., Katić V., Kolaković S.: Prolaznost studenata na ispitima i kvalitet stečenog znanja, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 148-151
10. Kovačević I., Katić V., Lalić B., Stanisavljević A., Tepić G., Tasić N.: Obnovljivi izvori energije i energetska efikasnost: razvoj svesti u okviru obrazovnog sistema, 21. TREND - Trendovi razvoja, Zlatibor: Fakultet tehničkih nauka, 23-26 Februar, 2015, pp. 211-214, ISBN 978-86-7892-680-8
11. Lazarević V., Reljić D., Matić D.: Dijagnostika kvara visokonaponskog asinhronog motora analizom signala struje statora – primer iz prakse, 32. Savetovanje CIGRE SRBIJA, Zlatibor: Srpski nacionalni komitet Međunarodnog saveta za velike električne mreže, 17-21 Maj, 2015, pp. 1-8, ISBN 978-86- 82317-76-0
12. Popović V., Gecić M., Oros Đ., Marčetić D.: Tehnike rekonstrukcije faznih struja u pogonu sa šantom u

jednosmernom međukolu invertora, 14. Međunarodni naučno-stručni simpozijum INFOTEH-JAHORINA, Jahorina: Elektrotehnički fakultet, Istočno Sarajevo, 18-20 Mart, 2015, pp. 203-207, ISBN 978-99955-763-6-3

13. Šešlija D., Katić V., Doroslovački R., Vilotić D., Kolaković S., Kovačević I.: Pravci povišenja kvaliteta studija na inženjerskim studijskim programima, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 58-63
14. Vilotić D., Doroslovački R., Katić V., Kovačević I., Kolaković S., Šešlija D., Konjović Z.: Analiza dužine studiranja na osnovnim akademskim studijama na Fakultetu tehničkih nauka u Novom Sadu, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 127-136

Spisak rezultata M64 - Saopštenje sa skupa nacionalnog značaja štampano u izvodu

1. Katić V., Dumnić B., Milićević D., Popadić B., Adžić E.: Integrisani više-fazni konduktivni i induktivni sistemi za napajanje električnih vozila, 8. InterRegioSci, Novi Sad, 2015
2. Milićević D.: Fotonaponska elektrana kao istraživačka laboratorija na otvorenom, 18. International Symposium on Power Electronics – Ee, Novi Sad, 28-30 Oktobar, 2015, pp. 1-5, ISBN 978-86-7892-757-7
3. Vekić M., Grabić S., Porobić V., Ivanović Z.: Razvoj platforme dinamometra za testiranje električnih vozila, 8. InterRegioSci, Novi Sad, 2015

Spisak rezultata M81 - Novi proizvod ili tehnologija uvedeni u proizvodnju - međunarodni nivo

1. Marčetić D., Popović V., Gecić M., Oros Đ.: Neregenerativno kočenje asinhronog motora bez davača na vratilu kontrolisanog naponskim i strujnim inverterom (Non-regenerative braking for shaft-sensorless induction motor controlled by both voltage and current source inverter), rađeno za NIDEC motor company, St. Louis, USA., 2015
2. Marčetić D., Popović V., Gecić M., Oros Đ.: Upravljanje asinhronim motorom bez davača na vratilu koji je kontrolisan sa naponskim i sa strujnim inverterom (Shaft-sensorless control of induction motor supplied by both voltage and current source inverter), rađeno za NIDEC motor company, St. Louis, USA., 2015

Spisak rezultata M85 - Prototip, nova metoda, softver, standardizovan ili atestiran instrument,

1. Marčetić D., Popović V., Gecić M., Oros Đ., Vasić V.: Rekonstrukcija faznih struja asinhronne mašine u vektorski upravljanoj pogonu koji poseduje minimalni broj strujnih senzora, 2015

Spisak rezultata M91 - Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo na međunarodnom nivou

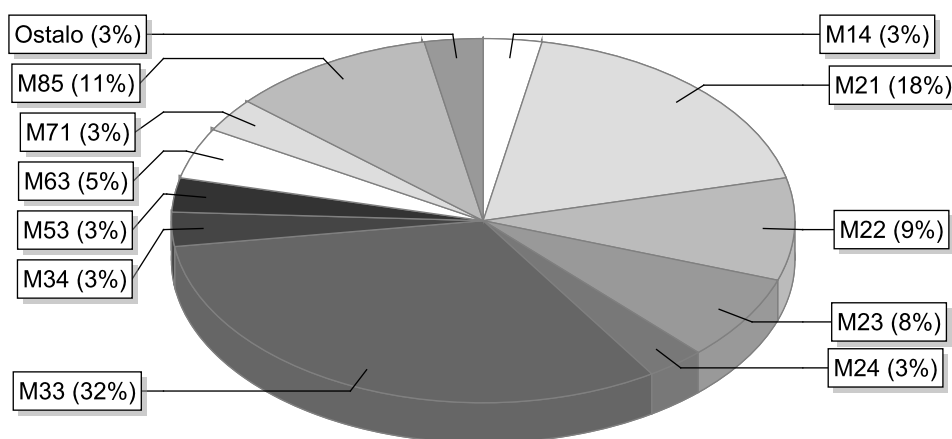
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2. Marčetić D., Božić M.: US Patent No: US 2014/0210391 A1 Published date: Jul. 31, 2014 Sensorless motor control , Nidec Motor Corporation, St Louis,MO, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za elektroniku

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	2
Rad u vrhunskom međunarodnom časopisu	M21	12
Rad u istaknutom međunarodnom časopisu	M22	6
Rad u međunarodnom časopisu	M23	5
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	2
Saopštenje sa međunarodnog skupa štampano u celini	M33	21
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	2
Rad u vodećem časopisu nacionalnog značaja	M51	1
Rad u naučnom časopisu	M53	2
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	3
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	1
Odbranjena doktorska disertacija	M71	2
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	7



PRODUKCIJA - REZULTATI

Spisak rezultata M14 - Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja

1. Kostić S., Lazarević Z., Gilić M., Petrović M., Romčević M., Romčević N., Sekulić D.: "Structural and optical studies of oxide single crystals grown by the Czochralski method" in Proceedings of the III Advanced Ceramics and Applications, ed. by William E. Lee et. al, Springer-Atlantis Press, 2015, str. 193-203, ISBN 978-94-6239-156-7
2. Sekulić D., Lazarević Z., Romčević N.: "Electrical characterization of nanostructured ferrite ceramics by using AC impedance spectroscopy" in Proceedings of the III Advanced Ceramics and Applications, ed. by William E. Lee et. al, Springer-Atlantis Press, 2015, str. 115-127, ISBN 978-94-6239-156-7

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Lukić M., Barnawi A., Stojmenović I.: Robot Coordination for Energy-Balanced Matching and Sequence Dispatch of Robots to Events, IEEE Transactions on Computers, 2015, Vol. 64, No 5, pp. 1416-1428, ISSN 0018-9340
2. Manjakkal L., Cvejic K., Kulawik J., Zaraska K., Szwagierczak D., Stojanović G.: Sensing mechanism of RuO₂-SnO₂ thick film pH sensors studied by potentiometric method and electrochemical impedance spectroscopy, Journal of Electroanalytical Chemistry, 2015, Vol. 759, pp. 82-90, ISSN 1572-6657
3. Nikolić M., Hajduković M., Milašinović D., Goleš D., Marić P., Živanov Ž.: Hybrid MPI/OpenMP Cloud Parallelization of Harmonic Coupled Finite Strip Method Applied on Reinforced Concrete Prismatic Shell Structure, DOI: 10.1016/j.advengsoft.2014.12.006, Advances in Engineering Software, 2015, ISSN 0965-9978
4. Radanović M., Jelić M., Romčević N., Boukos N., Vojinović-Ješić Lj., Leovac V., Hadžić B., Bajac B., Nađ L., Chandrinou C., Baloš S.: Synthesis, structure and photoluminescence of (PLAGH)₂[ZnCl₄] and comparative analysis of photoluminescence properties with tris(2,2'-bipyridine)-ruthenium(II), Materials Research Bulletin, 2015, Vol. 70, pp. 951-957
5. Radisavljević I., Novaković N., Mahnke H., Romčević N., Sekulić D., Ivanović N.: Influence on Cr and Ni doping on PbTe local structural properties, Journal of Materials Science: Materials in Electronics, 2015, Vol. 26, No 12, pp. 10020-10026, ISSN 0957-4522
6. Radovanović M., Mojić B., Cvejic K., Srdić V., Stojanović G.: A Wireless LC Sensor Coated with Ba_{0.9}Bi_{0.066}TiO₃ for Measuring Temperature, Sensors, 2015, Vol. 15, pp. 11454-11464, ISSN 1424-8220
7. Samardžić N., Mionić M., Dakić B., Hofmann H., Dautović S., Stojanović G.: Analysis of Quantized Electrical Characteristics of Microscale TiO₂ Ink-jet Printed Memristor, IEEE Transactions on Electron Devices, 2015, ISSN 0018-9383, UDK: 10.1109/TED.2015.2421283
8. Satarić M., Sekulić D., Satarić B.: Actin filaments as the fast pathways for calcium ions involved in auditory processes, Journal of Biosciences, 2015, Vol. 40, No 3, pp. 549-559, ISSN 0250-5991
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Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

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Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

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Spisak rezultata M64 - Saopštenje sa skupa nacionalnog značaja štampano u izvodu

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Spisak rezultata M71 - Odbranjena doktorska disertacija

1. Lukić M.: Algoritmi za dodelu zadataka izvršiocima u bežičnim mrežama mikrokontrolerskih senzorskih uređaja i autonomnih robota, 2015
2. Rajs V.: Metode praćenja parametara životne sredine bazirane na pametnim mernim sistemima, Novi Sad, Fakultet Tehničkih nauka Novi Sad, 2015

Spisak rezultata M85 - Prototip, nova metoda, softver, standardizovan ili atestiran instrument,

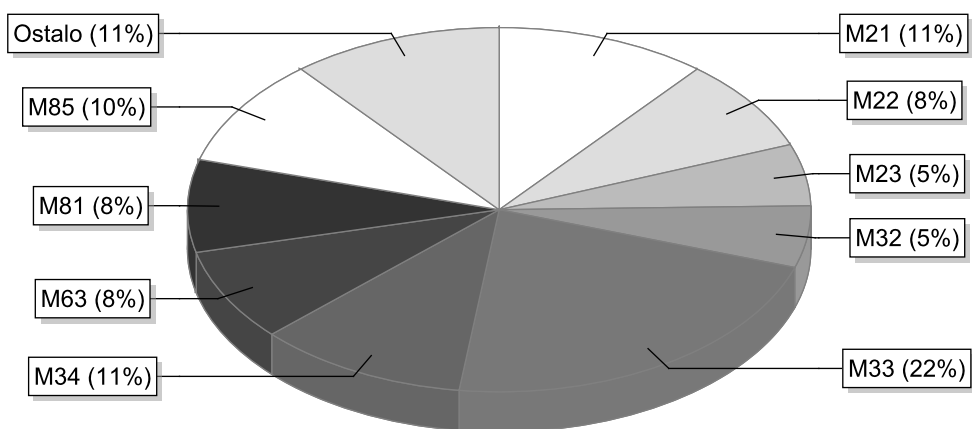
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2. Kisić M., Blaž N., Žlebić Č., Živanov Lj., Damnjanović M.: Senzori za merenje vrste i nivoa tečnosti, 2015
3. Menićanin A., Damnjanović M., Živanov Lj., Marić A.: Прототип RF индуктора добијених коришћењем наночестичног мастила на флексибилној подлози, 2015
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5. Radić J., Đugova A., Nađ L., Videnović-Mišić M.: Integrisani UWB impulsni generator koji radi u frekvencijskom opsegu od 3.1 do 7.5 GHz, 2015
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GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za telekomunikacije i obradu signala

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u vrhunskom međunarodnom časopisu	M21	8
Rad u istaknutom međunarodnom časopisu	M22	6
Rad u međunarodnom časopisu	M23	4
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	1
Predavanje po pozivu sa međunarodnog skupa štampano u izvodu	M32	4
Saopštenje sa međunarodnog skupa štampano u celini	M33	16
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	8
Uređivanje zbornika saopštenja međunarodnog naučnog skupa	M36	1
Rad u časopisu nacionalnog značaja	M52	2
Rad u naučnom časopisu	M53	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	6
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	1
Obranjena doktorska disertacija	M71	1
Novi proizvod ili tehnologija uvedeni u proizvodnju - međunarodni nivo	M81	6
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	7
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo	M92	1



PRODUKCIJA - REZULTATI

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

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Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

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2. Kovačević M., Stanojević I., Šenk V.: On the Entropy of Couplings, *Information and Computation*, 2015, Vol. 242, pp. 369-382, ISSN 0890-5401
3. Kovačević M., Vukobratović D.: Perfect Codes in the Discrete Simplex, *Designs Codes and Cryptography*, 2015, Vol. 75, No 1, pp. 81-95, ISSN 0925-1022
4. Lončar-Turukalo T., Vasić M., Tatjana T., Mijatović G., Glumac S., Bajić D., Japundžić-Žigon N.: Heart rate dynamics in doxorubicin-induced cardiomyopathy, *Physiological Measurement*, 2015, Vol. 36, pp. 727-739, ISSN 0967-3334
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Spisak rezultata M31 - Predavanje po pozivu sa međunarodnog skupa štampano u celini

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Spisak rezultata M32 - Predavanje po pozivu sa međunarodnog skupa štampano u izvodu

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2. Čeljuska N., Sečujski M., Crnojević-Bengin V.: Acoustic metamaterials, 18. International Conference on Photoacoustic and Photothermal Phenomena (ICPPP), Novi Sad, 6-10 Septembar, 2015
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Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Delić T., Đurić S., Jošić S.: Poređenje ljudskog i automatskog prepoznavanja govornika u slučaju imitacija, 23. Telekomunikacioni forum TELFOR, Beograd: Društvo za telekomunikacije, 24-26 Novembar, 2015, pp. 425-428, ISBN 978-1-5090-0054-8
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Spisak rezultata M71 - Odbranjena doktorska disertacija

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2. Mišković D., Gnjatović M., Delić V., Borovac B., Tasevski J.: Naziv: Kognitivna platforma za upravljanje konverzionim robotom Link: <http://ftn.uns.ac.rs/n4670116/kongitivna-platforma-za-upravljanje-konverzionim-robotom>, 2015
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Spisak rezultata M92 - Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo

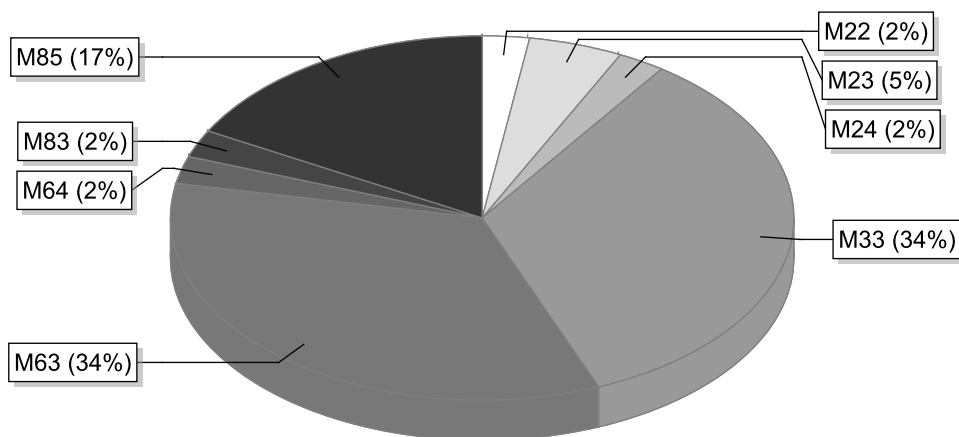
1. Pekar D., Delić V., Sečujski M., Jakovljević N.: Projektovanje visokokvalitetnog akustičkog modela govornika, zasnovanog na izuzetno kratkim uzorcima govora, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za električna merenja

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u međunarodnom časopisu	M23	2
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	14
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	14
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	1
Novo laboratorijsko postrojenje, novo eksperimentalno postrojenje, novi tehnološki postupak	M83	1
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	7



PRODUKCIJA - REZULTATI

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

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2. Vrba I., Palenčar R., Hadžistević M., Štrbac B., Spasić Jokić V., Hodolić J.: Different Approaches in Uncertainty Evaluation for Measurement of Complex Surfaces Using Coordinate Measuring Machine, *Measurement Science Review*, 2015, Vol. 15, No 3, pp. 111-118, ISSN 1335-8871

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1. Reljić D., Tomić J., Kanović Ž.: Application of the Goertzel's Algorithm in the Airgap Mixed Eccentricity Fault Detection, *Serbian Journal of Electrical Engineering*, 2015, Vol. 12, No 1, pp. 17-32, ISSN 1451-4869, UDK: 621.313.333: 621.317.36

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Đorđević-Kozarov J., Sovilj P., Mitić D., Vujičić V., Radenković D.: A Concept of an Experimental Solution for Digital Stochastic Measurement of Eog Signal, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero, 8-11 Jun, 2015, ISBN 978-86-80509-71-6
2. Kasaš-Lažetić K., Herceg D., Poznić A., Župunski I., Prša M.: Some experiences in initial magnetization curve measurement, 12. International Conference on Applied Electromagnetics, Niš, 31-2 Avgust, 2015, pp. 1-4, ISBN ISBN 978-86-6125-145
3. Ličina B., Sovilj P., Pejić D., Vujičić B., Urekar M., Vujičić V.: Theory of Digital Stochastic Measurement of Definite Integral Product of Two or More Signals Using Two-Bit Ad Converters, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero, 8-11 Jun, 2015, ISBN 978-86-80509-71-6
4. Mitrović Z., Mitrović J., Gazivoda N., Vujičić B., Beljić Ž.: A Solid-State Current Limiting Device, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero, 8-11 Jun, 2015, ISBN 978-86-80509-71-6
5. Petrović P., Župunski I., Mitrović Z.: A new tunable bipolar current-mode RMS to DC converter, 18. International Symposium on Power Electronics – Ee, Novi Sad: Fakultet tehničkih nauka, 28-30 Oktobar, 2015, pp. 1-5, ISBN 978-86-7892-757-7
6. Sovilj P., Pejić D., Bojan V., Urekar M., Gazivoda N.: Metoda stohastičkog merenja parametara Gausovog šuma dvobitnim fleš A/D konvertorom, 13. Infoteh-Jahorina, Jahorina, 18-20 Mart, 2015, pp. 71-75, ISBN 978-99955-763-6-3
7. Sovilj P.: Stochastic Digital Measurement Method – A Strategic Advantage in Electrical Power Distribution System Measurements, 21. IMEKO World Congress, Prag, 30-4 Avgust, 2015, pp. 659-662, ISBN 978-80-01-05793-3
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11. Tomić J., Stalevski T., Katić V., Živanov M.: One exercise for a virtual laboratory in the field of signal sampling, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero, 8-11 Jun, 2015
12. Urekar M., Radonjić A., Vujičić V.: A Generalized Approach to Stochastic Measurement of Power Grid Frequency, 18. International Symposium on Power Electronics – Ee, Novi Sad: Power Electronics Society,

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2. Bulat M., Urekar M., Pejić D.: Klastering Rajaraman i Wong Algoritmom, 59. ETRAN, Srebrno jezero: Društvo za ETRAN, 8-11 Jun, 2015
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7. Nedić M., Karadeglić M., Novaković Đ., Sovilj P.: Distribuirani merni sistem zasnovan na internim A/D konvertorima PIC mikrokontrolera, 59. ETRAN, Srebrno jezero, 8-11 Jun, 2015, ISBN 978-86-80509-71-6
8. Novaković Đ., Nedić M., Karadeglić M., Sovilj P.: Softver distribuiranog mernog sistema zasnovanog na Ethernet modulu ENC28J60, 59. ETRAN, Srebrno jezero, 8-11 Jun, 2015, ISBN 978-86-80509-71-6
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10. Štrbac B., Spasić Jokić V., Radlovački V., Hodolić J., Hadžistević M.: Rezultat merenja sa aspekta ukupne nesigurnosti, 9. International Scientific Conference "Metrology and Quality in Production Engineering and Environmental Protection" - ETIKUM, Novi Sad, 19-20 Jun, 2015, pp. 73-76, UDK: 978-86-7892-712-6
11. Urekar M., Bulat M., Gazivoda N., Mitrović Z., Mitrović J.: Estimacija performansi referentnog naponskog izvora za kalibraciju 3 1/2 cifarskih digitalnih multimetara van laboratorije, 15. Kongres metrologa Srbije, Zlatibor: Građevinski fakultet Univerziteta u Beogradu, 12-15 Oktobar, 2015, pp. 1-9, ISBN 978-86-7518-182-8
12. Urekar M., Bulat M., Gazivoda N.: Kritični AC parametri topljivih osigurača u kolima DC struje pri laboratorijskom ispitivanju, 59. ETRAN, Srebrno jezero: Društvo za ETRAN, 8-11 Jun, 2015
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1. Sovilj P., Milovanović M., Pejić D., Župunski Lj., Mitrović Z.: Merenje ERP amplitude i kašnjenja zasnovano na merenju na intervalu, 8. InterRegioSci, Novi Sad, 2015, pp. 68-68

Spisak rezultata M83 - Novo laboratorijsko postrojenje, novo eksperimentalno postrojenje, novi tehnološki postupak

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Spisak rezultata M85 - Prototip, nova metoda, softver, standardizovan ili atestiran instrument,

1. Beljić Ž., Vujičić V., Gazivoda N., Vujičić B., Pjevalica V., Radonjić A., Bulat M.: Sistem za detekciju i merenje neregistrovane potrošnje električne energije, 2015

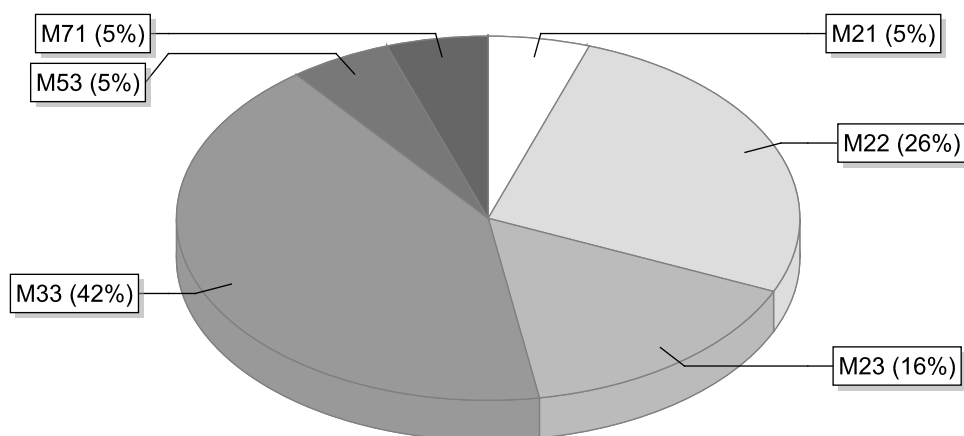
2. Beljić Ž., Vujičić V., Sovilj P., Vujičić B., Pjevalica N., Pejić D., Pjevalica V., Bulat M.: Metoda merenja osnovnog harmonika u mreži, 2015
3. Kušljević M., Tomić J., Poljak P.: Analiza harmonika elektroenergetskog sistema Tejlor-Furijeovom transformacijom na bazi višestrukih rezonatora, 2015
4. Mitrović Z., Vujičić V., Beljić Ž., Radonjić A., Gazivoda N., Vujičić B.: Stohastička metoda merenja struje na visokom naponu, 2015
5. Mitrović Z., Vujičić V., Gazivoda N., Pejić D., Urekar M., Pjevalica V., Pjevalica V.: Stohastička metoda merenja napona na visokom naponu, 2015
6. Radonjić A., Urekar M., Vujičić V., Vujičić B., Sovilj P., Pjevalica N.: Metoda određivanja optimalne rezolucije fleš A/D konvertora u stohastičkom merenju frekvencije osnovnog harmonika u mreži, 2015
7. Urekar M., Vujičić V., Sovilj P., Pjevalica N., Mitrović Z., Pejić D., Bulat M.: Sumarno merenje snage i energije korišćenjem MM4, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za teorijsku elektrotehniku

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u vrhunskom međunarodnom časopisu	M21	1
Rad u istaknutom međunarodnom časopisu	M22	5
Rad u međunarodnom časopisu	M23	3
Saopštenje sa međunarodnog skupa štampano u celini	M33	8
Rad u naučnom časopisu	M53	1
Obranjena doktorska disertacija	M71	1



PRODUKCIJA - REZULTATI

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Samardžić N., Mionić M., Dakić B., Hofmann H., Dautović S., Stojanović G.: Analysis of Quantized Electrical Characteristics of Microscale TiO₂ Ink-jet Printed Memristor, IEEE Transactions on Electron Devices, 2015, ISSN 0018-9383, UDK: 10.1109/TED.2015.2421283

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Đurić N., Kljajić D., Kasaš-Lažetić K., Bajović V.: The SEMONT continuous monitoring of daily EMF exposure in an open area environment, Environmental Monitoring and Assessment, 2015, pp. 187-191, ISSN 0167-6369, UDK: DOI 10.1007/s10661-015-4395-8
2. Herceg D.: Using Padé Approximation in Takács Hysteresis Model, IEEE Transactions on Magnetics, 2015, ISSN 0018-9464
3. Juhas A., Novak L.: Conflict set and waveform modelling for power amplifier design, , vol. 2015, Article 585962, 29 pages, 2015. doi:10.1155/2015/585962 , Mathematical Problems in Engineering, 2015, Vol. 2015, ISSN 1024-123X
4. Lončar-Turukalo T., Vasić M., Tatjana T., Mijatović G., Glumac S., Bajić D., Japundžić-Žigon N.: Heart rate dynamics in doxorubicin-induced cardiomyopathy, Physiological Measurement, 2015, Vol. 36, pp. 727-739, ISSN 0967-3334
5. Žlebić Č., Kljajić D., Blaž N., Živanov Lj., Meničanin A., Damnjanović M.: Influence of DC bias on the electrical characteristics of SMD inductors , IEEE Transactions on Magnetics, 2015, Vol. 51, No 1, ISSN 0018-9464, UDK: 10.1109/TMAG.2014.2356253

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Đurić S., Đurić N., Damnjanović M.: The optimal useful measurement range of an inductive displacement sensor, Informacije MIDEEM - Journal of microelectronics, electronic components and materials, 2015, Vol. 45, No 2, pp. 132-141, ISSN 0352-9045
2. Juhas A., Novak L.: Closed form of optimal current waveform for class F PA up to fourth harmonic doi:10.1007/s12046-015-0339-9, Sadhana - Academy Proceedings in Engineering Science, 2015, Vol. 40, No 2, ISSN 0256-2499
3. Kasaš-Lažetić K., Herceg D., Đurić N., Prša M.: Determining Low-Frequency Earth Return Impedance: A Consistent Electromagnetic Approach, Acta Polytechnica Hungarica, 2015, Vol. 12, No 5, pp. 225-244, ISSN 1785-8860, UDK: DOI: 10.12700/APH.12.5.2015.5.13.

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Bjelica J., Đurić N., Kljajić D., Milutinov M., Fanti A.: The Boundary Exposure Assessment for Continuous Monitoring of the Low-Frequency EMF, 23. Telekomunikacioni forum TELFOR, Beograd, 24-26 Novembar, 2015, pp. 539-542, ISBN 978-1-5090-0054-8
2. Đurić N., Šenk V.: The min-max in LC and max-log MAP in LC for MTR Decoding in Two-Track Magnetic Recording Systems, 18. IEEE International Conference on Computing Sciences and Engineering – CSE, Porto, 21-23 Oktobar, 2015, pp. 324-328, ISBN 978-1-4673-8297-7/15
3. Đurić N., Šenk V.: The min-max in LC Versus the max-log MAP in LC Method for Soft-Decision Decoding of MTR Codes, 8. International Conference on Communication Theory, Reliability, and Quality of Service – CTRQ, Barselona, 19-24 April, 2015, pp. 13-17, ISBN 978-1-61208-402-2
4. Kasaš-Lažetić K., Herceg D., Poznić A., Župunski I., Prša M.: Some experiences in initial magnetization curve measurement, 12. International Conference on Applied Electromagnetics, Niš, 31-2 Avgust, 2015, pp. 1-4, ISBN ISBN 978-86-6125-145
5. Kljajić D., Đurić N., Kasaš-Lažetić K., Antić D.: Adaptive Boundary Approach for EMF Exposure Assessment in Broadband Measurements, 36. Progress in Electromagnetics Research Symposium PIERS, Prag: The Electromagnetics Academy, 6-9 Jul, 2015, pp. 1889-1892, ISBN 978-1-934142-30-1
6. Milutinov M., Blaž N., Živanov Lj.: Ferrite core loss measurement issues and technique, 18. International Symposium on Power Electronics – Ee, Novi Sad, 28-30 Oktobar, 2015, pp. 1-4, ISBN 978-86-7892-756-0
7. Milutinov M., Juhas A., Pekarić Nađ N.: Relative deviation of magnetic flux density as a function of current unbalance, 9. International PhD Seminar on Computational electromagnetics and bioeffects of electromagnetic fields – CEMBEF, Niš, 28-31 Avgust, 2015, pp. 19-22, ISBN 978-86-6125-146-7
8. Milutinov M., Srećković I., Juhas A., Pekarić Nađ N.: Study on elliptically polarized magnetic field generated

by two orthogonal Helmholtz coils, 12. International Conference on Applied Electromagnetics, Niš, 31-2 Avgust, 2015, pp. 1-4, ISBN 978-86-6125-145-0

Spisak rezultata M53 - Rad u naučnom časopisu

1. Milutinov M., Juhas A., Pekarić Nađ N.: A study on exposure to magnetic field generated by unbalanced currents, Scientific Bulletin of the POLITEHNICA Transactions on Mathematics and Physics, 2015, Vol. 60, No 74, pp. 59-69, ISSN 1225-6069

Spisak rezultata M71 - Odbranjena doktorska disertacija

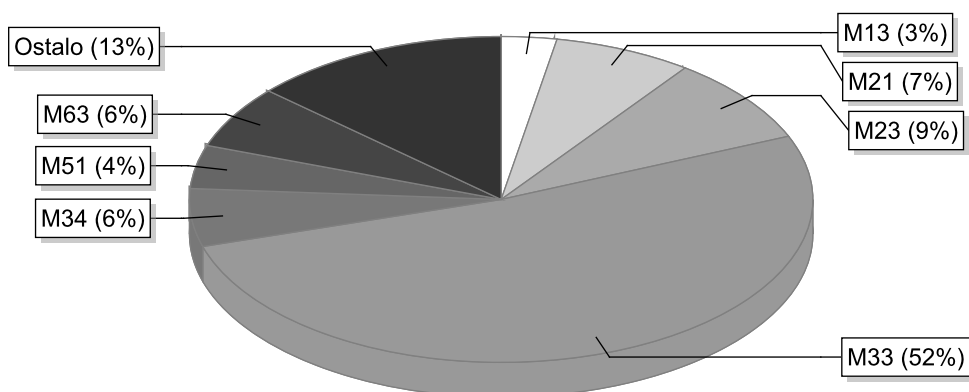
1. Kasaš-Lažetić K.: Modelovanje impedanse Zemlje kao povratnog provodnika, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Departman za računarstvo i automatiku

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	6
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	1
Rad u vrhunskom međunarodnom časopisu	M21	15
Rad u istaknutom međunarodnom časopisu	M22	2
Rad u međunarodnom časopisu	M23	18
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Uređivanje međunarodnog naučnog časopisa	M28	1
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	2
Saopštenje sa međunarodnog skupa štampano u celini	M33	108
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	12
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	1
Rad u vodećem časopisu nacionalnog značaja	M51	9
Rad u časopisu nacionalnog značaja	M52	4
Rad u naučnom časopisu	M53	4
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	13
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	2
Odbranjena doktorska disertacija	M71	3
Bitno poboljšan postojeći proizvod ili tehnologija	M84	1
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	3
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo na međunarodnom nivou	M91	1
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo	M92	2

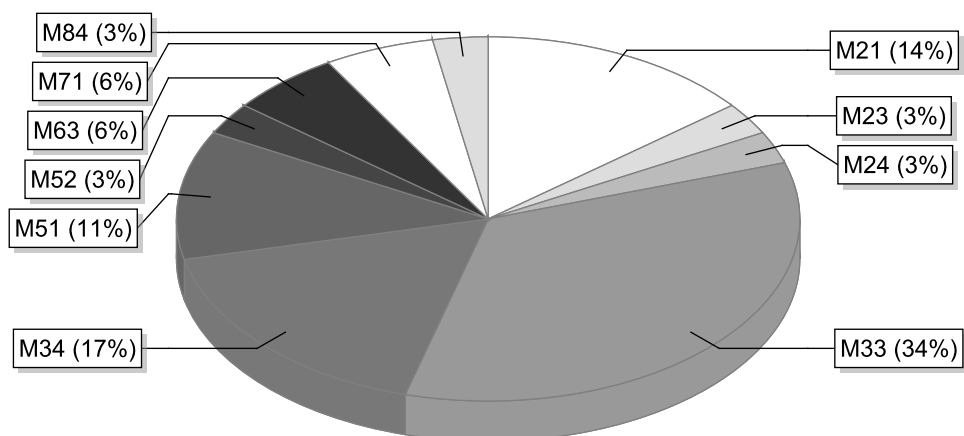


GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za automatsko upravljanje

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u vrhunskom međunarodnom časopisu	M21	5
Rad u međunarodnom časopisu	M23	1
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	12
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	6
Rad u vodećem časopisu nacionalnog značaja	M51	4
Rad u časopisu nacionalnog značaja	M52	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	2
Odbranjena doktorska disertacija	M71	2
Bitno poboljšani postojeći proizvod ili tehnologija	M84	1



PRODUKCIJA - REZULTATI

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Jakovljević B., Rapaić M., Pisano A., Usai E.: On the sliding-mode control of fractional-order nonlinear uncertain dynamics, *International Journal of Robust and Nonlinear Control*, 2015, ISSN 1049-8923
2. Rapaić M., Šekara T.: A revision of root locus method with applications, *Journal of Process Control*, 2015, No 34, pp. 26-34, ISSN 0959-1524
3. Sapena-Banó A., Pineda-Sanchez M., Puche-Panadero R., Martinez-Roman J., Matic D.: Fault Diagnosis of Rotating Electrical Machines in Transient Regime Using a Single Stator Current's FFT, *IEEE Transactions on Instrumentation and Measurement*, 2015, Vol. 64, No 11, pp. 3137-3146, ISSN 0018-9456
4. Sapena-Bano A., Pineda-Sanchez M., Puche-Panadero R., Martinez-Roman J., Kanović Ž.: Low-Cost Diagnosis of Rotor Asymmetries in Induction Machines Working at a Very Low Slip Using the Reduced Envelope of the Stator Current, *IEEE Transactions on Energy Conversion*, 2015, Vol. 30, No 4, pp. 1409-1419, ISSN 0885-8969, UDK: doi 10.1109/TEC.2015.2445216
5. Stanišić D., Jorgovanović N., Popov N., Čongradac V.: Soft sensor for real-time cement fineness estimation, *ISA Transactions / Instrumentation, Systems and Automation Society*, 2015, Vol. 55, pp. 250-259, ISSN 0019-0578

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Rosić D., Lendak I., Vukmirović S.: A Role-based Access Control Model Supporting Regional Division in Smart Grid System, *Acta Polytechnica Hungarica*, 2015, Vol. 12, No 7, pp. 237-250, ISSN 1785-8860

Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

1. Reljić D., Tomić J., Kanović Ž.: Application of the Goertzel's Algorithm in the Airgap Mixed Eccentricity Fault Detection, *Serbian Journal of Electrical Engineering*, 2015, Vol. 12, No 1, pp. 17-32, ISSN 1451-4869, UDK: 621.313.333: 621.317.36

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Čongradac V., Lazarević S., Bojanić D.: Soft sensor for prediction of solar illuminance in a room, 46. SMEITS, Beograd, 2-4 Decembar, 2015, ISBN 978-86-81505-70-0
2. Dalčeković N., Vukmirović S., Stoja S., Milošević N.: Enabling the IoT paradigm using multi-tenant service architecture, 1. International Conference CLOUDIFICATION OF THE INTERNET OF THINGS, Pariz, 10-12 Jun, 2015
3. Gecić M., Kapetina M., Popović V., Marčetić D.: Generalized PSO Based Energy Efficiency Control for High Speed IM Drives, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero: ETRAN Society, Belgrade, 8-11 Jun, 2015, pp. 1-6, ISBN 978-86-80509-71-6
4. Jakovljević B., Šekara T., Bošković M., Rapaić M.: A New Method for Approximation of Non-Rational Transfer Function of Controllers with Unstable Dipoles, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero, 8-11 Jun, 2015
5. Kapetina M., Rapaić M., Jeličić Z., Alessandro P.: Simultaneous Estimation of Gain and Delay for Linear Stationary Systems, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero: ETRAN Society, Belgrade, 8-11 Jun, 2015, pp. 1-6, ISBN 978-86-80509-71-6
6. Lino P., Kapetina M., Rapaić M., Maione G.: Parameter estimation in non-linear models of pressure dynamics in CNG injection systems, 1. IEEE International Conference on Industrial Technology, Sevilla: IEEE, 17-19 Mart, 2015, pp. 399-404
7. Medojević M., Medojević M., Todorović V., Vrgović P.: The Role of Entrepreneurship in the Transition to Sustainable Development in Developing Countries With Focus On Energy Sector: The Case Of Republic Of Serbia, 8. International Conference for Entrepreneurship, Innovation and Regional Development ICEIRD, Sheffield, 18-19 Jun, 2015, ISBN 978-0-9932801-0-8
8. Porobić V., Rapaić M., Adžić E., Grabić S., Vekić M., Ivanović Z.: DSP built-in oscilloscope for power electronics appliance, 18. International Symposium on Power Electronics – Ee, Novi Sad: University of Novi Sad, Faculty of Technical Sciences, 28-30 Oktobar, 2015, pp. 1-5, ISBN 978-86-7892-757-7
9. Porobić V., Rapaić M., Grabić S., Adžić E., Vekić M.: Controller Embedded Oscilloscope Functionality for Power Converter Applications, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015, pp. 131-134
10. Vekić M., Adžić E., Porobić V., Rapaić M., Grabić S., Ivanović Z.: Power Electronics Comprehensive

Platform for Control Development and Education, 18. International Symposium on Power Electronics – Ee, Novi Sad, 28-30 Oktobar, 2015, pp. 1-5, ISBN 978-86-7892-757-7

11. Vrgović P., Ćirić D., Todorović V.: Assessing entrepreneurial intentions, motivations and barriers amongst WBC students (through developing a network of co-creative centers - idea labs), 4. Researching Economic Development and Entrepreneurship in Transitional Economies - REDETE, Graz, 22-24 Oktobar, 2015
12. Vrgović P., Tekić A., Tekić Ž., Medojević M., Ćirić D., Todorović V.: Students as Innovation Partners – Company Insights from South-East Europe, 8. International Conference for Entrepreneurship, Innovation and Regional Development ICEIRD, Sheffield: Univeristy of Sheffield, 18-19 Jun, 2015, pp. 327-340, ISBN 978-0-9932801-0-8

Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

1. Bugarski V., Nikolić P., Matić D., Kamenko I., Kulić F.: Trends in Modern SCADA Systems, 4. 4. MEĐUNARODNA KONFERENCIJA - INOPTEP 2015, Divčibare: National Society of Processing and Energy in Agriculture, 19-24 April, 2015, pp. 315-316, ISBN 978-86-7520-333-9
2. Kamenko I., Jakovljević B., Kulić F., Nikolić P., Bugarski V.: Web based application for visualization of geospatial data in agriculture, 4. 4. MEĐUNARODNA KONFERENCIJA - INOPTEP 2015, Divčibare: National Society of Processing and Energy in Agriculture, 19-24 April, 2015, pp. 354-355, ISBN 978-86-7520-333-9
3. Kanović Ž., Rackov M., Petković M., Vereš M.: GPSO algorithm in HCR gearing geometry optimization, 4. 4. MEĐUNARODNA KONFERENCIJA - INOPTEP 2015, Divčibare: PTEP, 19-24 April, 2015
4. Kulić F., Nikolić P., Matić D., Bugarski V.: IMPROVEMENT OF IRRIGATION SYSTEM USING FREQUENCY CONVERTER, 4. 4. MEĐUNARODNA KONFERENCIJA - INOPTEP 2015, Divčibare: National Society of Processing and Energy in Agriculture, Novi Sad, Serbia, 19-24 April, 2015, ISBN 978-86-7520-333-9
5. Matić D., Bugarski V., Kamenko I., Nikolić P.: Automatic control of the air temperature for the fruit drier chamber, 4. 4. MEĐUNARODNA KONFERENCIJA - INOPTEP 2015, Divčibare: National Society of Processing and Energy in Agriculture, 19-24 April, 2015, pp. 374-375, ISBN 978-86-7520-333-9
6. Petković M., Kanović Ž., Jeličić Z., Rapaić M.: Expert system in domain of energy efficiency and failure detection in process industry, 4. 4. MEĐUNARODNA KONFERENCIJA - INOPTEP 2015, Divčibare: NACIONALNO DRUŠTVO ZA PROCESNU TEHNIKU I ENERGETIKU U POLJOPRIVREDI, 19-24 April, 2015, ISBN 978-86-7520-333-9

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

1. Bugarski V., Nikolić P., Kulić F., Matić D., Kamenko I.: Trends in Modern SCADA Systems, Journal on Processing and Energy in Agriculture, 2015, Vol. 19, No 3, pp. 147-150, ISSN 1821-4487, UDK: 26-55
2. Kamenko I., Jakovljević B., Kulić F., Nikolić P., Bugarski V.: Web based application for visualization of geospatial data in agriculture, Journal on Processing and Energy in Agriculture, 2015, Vol. 19, No 2, pp. 108-111, ISSN 1821-4487, UDK: 004.738.1
3. Kanović Ž., Rackov M., Petković M., Vereš M.: GPSO algorithm in HCR gearing geometry optimization, Journal on Processing and Energy in Agriculture, 2015, Vol. 19, No 4, pp. 31-35, ISSN 1821-4487
4. Matić D., Bugarski V., Kamenko I., Nikolić P.: Automatic control of the air temperature from the fruit drier chamber, Journal on Processing and Energy in Agriculture, 2015, Vol. 19, No 2, pp. 80-82, ISSN 1821-4487, UDK: 66.047.55:641.13

Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Borisov M., Vrtunski M., Alargić I., Vladislavljević M.: Analiza primene Gausove metode kod rešavanja glavnih geodetskih zadataka na elipsoidu, Tehnika, 2015, Vol. 69, No 6, pp. 929-936, ISSN 0040-2176, UDK: 528.232.2:519.218.7

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Jakovljević B., Rapaić M., Šekara T., Blanuša B., Vuković G.: Nova metoda za optimizaciju PI/PID regulatora zasnovana na principu simetričnog optimuma, 13. Infoteh-Jahorina, Jahorina, 18-20 Mart, 2015
2. Lazarević V., Reljić D., Matić D.: Dijagnostika kvara visokonaponskog asinhronog motora analizom signala struje statora – primer iz prakse, 32. Savetovanje CIGRE SRBIJA, Zlatibor: Srpski nacionalni komitet Međunarodnog saveta za velike električne mreže, 17-21 Maj, 2015, pp. 1-8, ISBN 978-86- 82317-76-0

Spisak rezultata M71 - Odbranjena doktorska disertacija

1. Jakovljević B.: Optimalno i suboptimalno podešavanje parametara robusnih linearnih regulatora necelog

reda, Novi Sad, Fakultet tehničkih nauka, Univerzitet u Novom Sadu, 2015, str. 1-156

2. Petković M.: Projektovanje, razvoj i implementacija ekspertskog sistema za brzu detekciju i izolaciju nezelenih stanja dinamičkih sistema, Novi Sad, FTN Novi Sad, 2015

Spisak rezultata M84 - Bitno poboljšani postojeći proizvod ili tehnologija

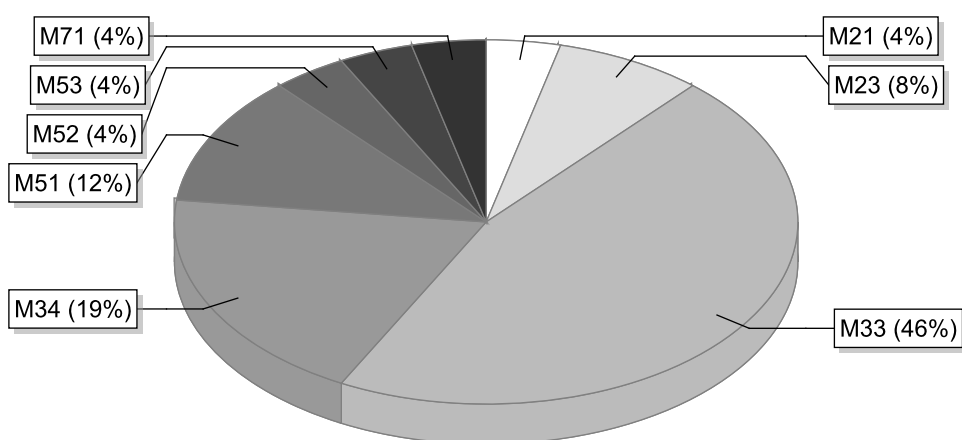
1. Jeličić Z., Kanović Ž., Kapetina M., Petković M., Rapaić M.: Sistem baziran na PBRC algoritmu za detekciju kvarova asinhronog motora, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za sisteme, signale i upravljanje

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u vrhunskom međunarodnom časopisu	M21	1
Rad u međunarodnom časopisu	M23	2
Saopštenje sa međunarodnog skupa štampano u celini	M33	12
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	5
Rad u vodećem časopisu nacionalnog značaja	M51	3
Rad u časopisu nacionalnog značaja	M52	1
Rad u naučnom časopisu	M53	1
Odbranjena doktorska disertacija	M71	1



PRODUKCIJA - REZULTATI

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Stanišić D., Jorgovanović N., Popov N., Čongradac V.: Soft sensor for real-time cement fineness estimation, ISA Transactions / Instrumentation, Systems and Automation Society, 2015, Vol. 55, pp. 250-259, ISSN 0019-0578

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Borisov M., Petrović V., Vulić M.: Optimal map conic projection- a case study for the geographic territory of Serbia, Tehnicki vjesnik - Technical Gazette, 2015, Vol. 22, No 2, pp. 391-399, ISSN 1330-3651, UDK: 62(05)=163.42=111
2. Sladić D., Radulović A., Govedarica M., Jovanović D., Pržulj Đ.: The Use of Ontologies in Cadastral Systems, in press, DOI 10.2298/CSIS141031009S <http://www.comsis.org/archive.php?show=ppricist01-2015> (2014 IF = 0.575), Computer Science and Information Systems (ComSIS), 2015, Vol. 12, No 3, pp. 1033-1053, ISSN 1820-0214

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Čongradac V., Lazarević S., Bojanić D.: Soft sensor for prediction of solar illuminance in a room, 46. SMEITS, Beograd, 2-4 Decembar, 2015, ISBN 978-86-81505-70-0
2. Đozić D., Bojanić D., Krajoski G., Popov N., Ilić V.: Psychophysical characteristics of electrotactile stimulation: The impact of changes in stimulation pulse width and frequency on human perception, 15. IEEE International Conference on Bioinformatics & Bioengineering (BIBE), Beograd: IEEE, 2-4 Novembar, 2015, pp. 1-5, ISBN 978-1-4673-7982-3
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4. Ristić A., Govedarica M., Vrtunski M., Petrovački D.: Integration of modern remote sensing technologies for faster utility mapping and data extraction, 1. Integration of modern remote sensing technologies for faster utility mapping and data extraction, Beč: European Geosciences Union General Assembly, 12-17 April, 2015, UDK: EGU2015-2365-1
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Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

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Spisak rezultata M53 - Rad u naučnom časopisu

1. Borisov M., Petrović V.: Modifikovana polikonusna projekcija i njena primena u službenoj kartografiji, Geodetska služba, 2015, No 120, pp. 42-52, ISSN 0350-7971, UDK: [528.913+528.235](084.3-16)(497.11)

Spisak rezultata M71 - Odbranjena doktorska disertacija

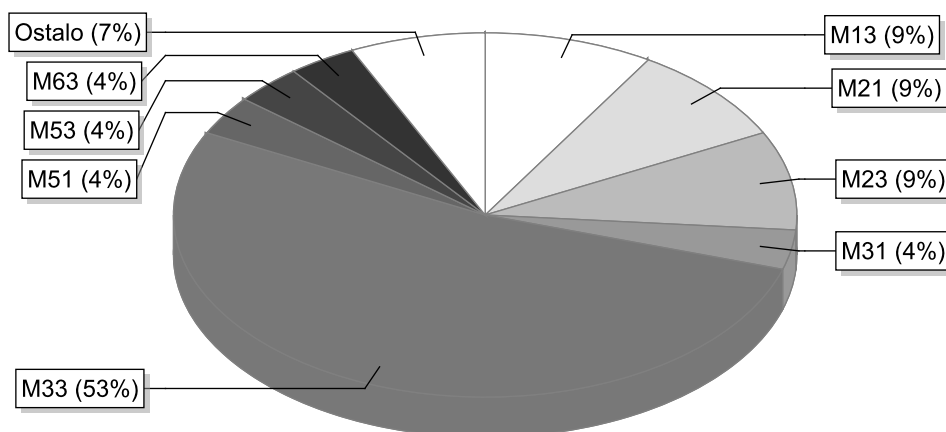
1. Radulović A.: Model domena i servisa u geoinformacionom sistemu katastra nepokretnosti, Novi Sad, Fakultet tehničkih nauka, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za primenjene računarske nauke

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	5
Rad u vrhunskom međunarodnom časopisu	M21	5
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u međunarodnom časopisu	M23	5
Uređivanje međunarodnog naučnog časopisa	M28	1
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	2
Saopštenje sa međunarodnog skupa štampano u celini	M33	30
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	1
Rad u vodećem časopisu nacionalnog značaja	M51	2
Rad u časopisu nacionalnog značaja	M52	1
Rad u naučnom časopisu	M53	2
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	2



PRODUKCIJA - REZULTATI

Spisak rezultata M13 - Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja

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Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Gajić D., Stanković R.: "Computation of the Vilenkin-Chrestenson transform on a GPU", Journal of Multiple Valued Logic and Soft Computing, 2015, Vol. 24, No 1-4, pp. 317-340, ISSN 1542-3980
2. Ivančević V., Tušek I., Tušek J., Knežević M., Elheshk S., Luković I.: Using Association Rule Mining to Identify Risk Factors for Early Childhood Caries, Computer Methods and Programs in Biomedicine, 2015, Vol. 122, No 2, pp. 175-181, ISSN 0169-2607, UDK: DOI: 10.1016/j.cmpb.2015.07.008
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Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Satarić M., Sekulić D., Satarić B., Zdravković S.: Role of nonlinear localized Ca²⁺ pulses along microtubules in tuning the mechano-sensitivity of hair cells, Progress in Biophysics and Molecular Biology, 2015, Vol. 119, No 2, pp. 162-174, ISSN 0079-6107

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Dimitrieski V., Čeliković M., Kordić (Aleksić) S., Ristić S., Alargt A., Luković I.: Concepts and Evaluation of the Extended Entity-Relationship Approach to Database Design in a Multi-Paradigm Information System Modeling Tool, Computer Languages Systems and Structures, 2015, Vol. 44, pp. 299-318, ISSN 1477-8424, UDK: DOI: 10.1016/j.cl.2015.08.011
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Spisak rezultata M28 - Uređivanje međunarodnog naučnog časopisa

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Spisak rezultata M31 - Predavanje po pozivu sa međunarodnog skupa štampano u celini

1. Dragan D., Dragan N.: Exploring the Influence of ICT in Pupils' Attitude toward Mathematics in a Serbian Primary School, 4. International conference on applied internet and information technologies, Zrenjanin: University of Novi Sad, Technical Faculty "Mihajlo Pupin" Djure Djakovica bb, Zrenjanin, Republic of Serbia, 23 Oktobar, 2015, pp. 18-25, ISBN 978-86-7672-260-0
2. Popov S., Bajić S.: GI aspects of continuous monitoring of hazard indicators, 4. International Conference on Applied and Information Technologies, Zrenjanin: Technical Faculty "Mihajlo Pupin" Zrenjanin, 23 Oktobar, 2015, pp. 13-18, ISBN 978-86-7672-260-0

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

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2. Dragan D., Mihić S., Anišić Z., Luković I.: Role of background subtraction in creating human body point clouds from photos, 6. International Conference and Exhibition on 3D Body Scanning Technologies, Lugano, 27-28 Oktobar, 2015, pp. 210-217, ISBN 978-3-033-05270-3
3. Draganić (Vukoslavče S., Laban M., Popov S., Šupić S.: Critical Analysis of the Evacuation Simulation Software's Application, 7. iNDiS, Novi Sad: Fakultet tehničkih nauka, Departman za građevinarstvo i geodeziju, 25-27 Novembar, 2015, pp. 647-654, ISBN 978-86-7892-750-8
4. Gajić D., Radmanović M., Stanković R.: "A Performance Comparison of Computing LU Decomposition of Matrices on the CPU and the GPU", 50. International Scientific Conference on Information, Communication and Energy Systems and Tehnologies - ICEST, Sofia: Technical University Sofia, 24-26 Jun, 2015, pp. 109-112
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17. Laban M., Popov S., Frank A.: Remote sensing methods application in assessment of vulnerability of urban areas to hazards , 9. Ocena stanja, održavanje i sanacija građevinskih objekata i naselja, Zlatibor: Association of civil engineers of Serbia , 25-29 Maj, 2015, pp. 73-80, ISBN 978-86-88897-06-8, UDK: 528.8:711.4
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22. Obradović R., Vujanović M., Popkonstantinović B., Ivetić D., Šiđanin P.: Study program Computer Graphics - Engineering Animation and their relation with modern Serbian CG Industry, 1. WBCInno International conference, Novi Sad, 18 Septembar, 2015, pp. 54-57
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24. Petrović V., Ivetić D.: Incorporating Video-game Motion Controllers into a Classroom Setting, 6. International Conference on Internet Studies, Tokio, 18-19 Jul, 2015
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26. Popov S., Laban M., Draganić (Vukoslavče S., Šupić S., Milanko S.: Improving the Quality of Fire Risk Assessment by Use of Evacuation Simulation Software, 4. Applications of Structural Fire Engineering, Dubrovnik: Czech Technical University, 15-16 Oktobar, 2015, pp. 466-471, ISBN 978-80-01-05204-4
27. Ristić S., Kordić (Aleksić) S., Čeliković M., Dimitrieski V., Luković I.: A Model-driven Approach to Data Structure Conceptualization, 5. Federated Conference on Computer Science and Information Systems, Lodz: IEEE Computer Society Press and Polish Information Processing Society, 13-16 Septembar, 2015, pp. 977-984, ISBN 2300-5963, UDK: DOI: <http://dx.doi.org/10.15439/978-83-60810-66-8>; 10.15439/2015F224
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Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

1. Gajić D., Stanković R., Stanković M., Astola J., Moraga C.: "Remarks on Characterization of Bent Functions in Terms of Gibbs Dyadic Derivatives", 15. International Conference on Computer Aided Systems Theory (EUROCAST), Las Palmas de Gran Canaria, 8-13 Februar, 2015, pp. 199-200

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

1. Heiko K., Stefan F., Dimitrieski V.: Intelligent And Self-Adapting Integration Between Machines And Information Systems, Iadis International Journal on Computer Science and Information Systems, 2015, Vol. 10, No 1, pp. 47-63, ISSN 1646-3692
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Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Gajić D.: "Performance analysis of local and distributed rendering methods for preparing video contents", Review of the National Center for Digitization, 2015, Vol. 27, pp. 35-42, ISSN 1820-0109

Spisak rezultata M53 - Rad u naučnom časopisu

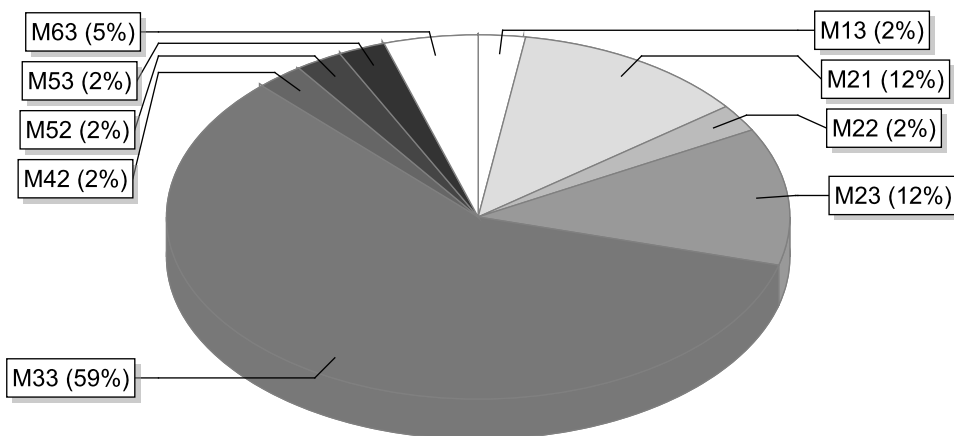
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2. Golušin M., Filipović S., Kupusinac A., Lečić D.: Energy strategy implementation – eco management approach

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Laban M., Popov S., Milanko V., Draganić (Vukoslavče S., Šupić S., Milanko S.: Procena bezbednosti puteva evakuacije zgrada u požaru, 9. Ocena stanja, održavanje i sanacija građevinskih objekata i naselja, Zlatibor: Savez građevinskih inženjera Srbije, 25-29 Maj, 2015, pp. 579-586, ISBN 978-86-88897-06-8
2. Manasijević A., Vasiljević M., Kupusinac A., Kovačević I.: Ostati u Srbiji ili ići u inostranstvo?, 21. TREND - Trendovi razvoja, Zlatibor: Fakultet tehničkih nauka, 23-26 Februar, 2015, pp. 74-77, ISBN 9788678926778

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	1
Rad u vrhunskom međunarodnom časopisu	M21	5
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u međunarodnom časopisu	M23	5
Saopštenje sa međunarodnog skupa štampano u celini	M33	24
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	1
Rad u časopisu nacionalnog značaja	M52	1
Rad u naučnom časopisu	M53	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	2



PRODUKCIJA - REZULTATI

Spisak rezultata M13 - Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja

1. Milić N., Novaković D., Milosavljević B.: Book title: Color Image and Video Enhancement; Chapter title: Enhancement of image content for observers with colour vision deficiencies, Springer, 2015, str. 315-343, ISBN 978-3-319-09362-8

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Dehghan A., Kovačević A., Karystianis G., Keane J.: Combining knowledge-and data-driven methods for de-identification of clinical narratives, J Biomed Inform, doi:10.1016/j.jbi.2008.01.005, 2015, Vol. 58, pp. 53-59, ISSN 1532-0464, UDK: 10.1016/j.jbi.2015.06.029
2. Dejanović I., Milosavljević G., Vaderna R.: Arpeggio: A Flexible PEG Parser for Python, Knowledge-based Systems, 2015, ISSN 0950-7051
3. Duck G., Kovačević A., Robertson D., Stevens R., Nenadic G.: Ambiguity and variability of database and software names in bioinformatics, Journal of Biomedical Semantics, 2015, Vol. 6, No 1, pp. 29-40, ISSN 2041-1480
4. Ivanović D., Fu H., Ho Y.: Publications from Serbia in the Science Citation Index Expanded: a bibliometric analysis, Scientometrics, 2015, Vol. 105, No 1, pp. 145-160, ISSN 0138-9130
5. Karystianis G., Dehghan A., Kovačević A., Keane J., Nenadic G.: Using local lexicalized rules to identify heart disease risk factors in clinical notes, J Biomed Inform, doi:10.1016/j.jbi.2008.01.005, 2015, Vol. 58, pp. 183-188, ISSN 1532-0464

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Maksimović M., Vujović V., Perišić B., Milošević V.: Developing a fuzzy logic based system for monitoring and early detection of residential fire based on thermistor sensors

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Milić N., Hoffmann M., Tómacs T., Novaković D., Milosavljević B.: A Content-Dependent Naturalness-Preserving Daltonization Method for Dichromatic and Anomalous Trichromatic Color Vision Deficiencies, Journal of Imaging Science and Technology, 2015, Vol. 59, No 1, ISSN 1062-3701
2. Nikolić S., Konjović Z., Penca V., Ivanović D., Surla D.: A CERIF Compatible CRIS-UNS Model Extension for Assessment of Conference Papers, Acta Polytechnica Hungarica, 2015, Vol. 12, No 7, pp. 129-148, ISSN 1785-8860
3. Paroški M., Konjović Z., Surla D., Popović V.: Development of eGovernment services in the Autonomous Province of Vojvodina, Information Technology for Development, Information Technology for Development, 2015, pp. 1-19, ISSN 0268-1102, UDK: DOI: 10.1080/02681102.2014.1003522
4. Sladić G., Gostojić S., Milosavljević B., Konjović Z., Milosavljević G.: Computer Aided Anonymization and Redaction of Judicial Documents, Computer Science and Information Systems, Computer Science and Information Systems (ComSIS), 2015, ISSN 1820-0214
5. Stević M., Milosavljević B., Perišić B.: Enhancing the management of unstructured data in e-learning systems using MongoDB, Program: Electronic Library and Information Systems, 2015, Vol. 49, No 1, pp. 91-114, ISSN 0033-0337

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Bjeljac P., Zečević I., Perišić B.: Integrating Learning Management System and Faculty Information System –Service Oriented Approach, 38. International Convention on Information and Communication Technology, Electronics and Microelectronics - MIPRO, Opatija: Croatian Society for Information and Communication Technology, Electronics and Microelectronics - MIPRO, 25-29 Maj, 2015, pp. 874-878, ISBN 978-953-233-083-0
2. Dejanović M., Dejanović I.: Software for Reaction-Time Measurement and its Application for the Evaluation of Patient's Recovery after the Stroke, 7. International Conference on Information Technology - ICIT, Amman: Al-Zaytoonah University of Jordan, 12-15 Maj, 2015, pp. 182-185
3. Đurđević S., Novaković D., Milosavljević B., Kašiković N., Vladić G.: Identification of the food products in smart packaging solutions using modern TTI, 1. International Printing Technologies Symposium, Istanbul: Printing Industry Education Foundation, 8-10 Oktobar, 2015, pp. 171-181, ISBN 978-9944-0636-6-1
4. Kaplar S.: Kroki Administration Subsystem Based on RBAC Standard and Aspects, 6. International Conference on Information Science and Technology (ICIST), Kopaonik, 29-2 Februar, 2016, pp. 61-66,

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5. Mandić M., Konjović Z., Ivanović M.: Ontological Model of the Standardized Secondary School Curriculum in Informatics, 5. International Conference on Information Science and Technology (ICIST 2015), Kopaonik, 8-11 Mart, 2015
6. Mitrović D., Ivanović M., Vidaković M., Budimac Z.: A scalable distributed architecture for web-based software agents, 7. International Conference on Computational Collective Intelligence (ICCCI), Madrid: Springer International Publishing, 21-23 Septembar, 2015, pp. 67-76, ISBN ISBN: 978-3-319-2406
7. Mitrović D., Ivanović M., Vidaković M., Budimac Z.: Reliable interaction in multiagent systems, 9. International Symposium on Intelligent Distributed Computing (IDC), Guimares: Springer International Publishing, 7-10 Oktobar, 2015, pp. 93-99, ISBN 978-3-319-25015-1
8. Molnar R., Gostojić S., Sladić G., Savić G., Konjović Z.: Enabling Customization of Document-Centric Systems Using Document Management Ontology, 5. International Conference on Information Society Technology and Management, Kopaonik, 8-11 Mart, 2015
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10. Pandurov M., Milaković S., Lukić N., Savić G., Segedinac M., Konjović Z.: Software Framework for REST Client Android Applications: Canvas LMS Case Study, 5. International Conference on Information Society Technology and Management, Kopaonik, 8-11 Mart, 2015
11. Penca V., Nikolić S., Ivanović D.: Scheme for mapping scientific research data from EPrints to CERIF format, 5. International Conference on Information Society Technology and Management, Kopaonik: Society for Information Systems and Computer Networks, 8-11 Mart, 2015, pp. 295-300, ISBN 978-86-85525-16-2
12. Perišić A., Lazić M., Perišić B.: The Foundation for Cooperative Services in Engineering Buildings - The Common Ontology for Architectural and Urban Data Repository Modeling, 10. Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics, Timisoara, 21-23 Maj, 2015, pp. 423-427
13. Perišić A., Lazić M., Perišić B.: The Foundation of Architectural, Urban and Construction Engineering Information System, 13. Infoteh-Jahorina, Jahorina: Istočno Sarajevo : Elektrotehnički fakultet, 18-20 Mart, 2015, pp. 469-474, ISBN 978-99955-763-6-3
14. Perišić B., Paroski M., Zečević I.: Students Financials Management in University Information System, 14. Međunarodni naučno-stručni simpozijum INFOTEH-JAHORINA, Jahorina: Elektrotehnički fakultet (Istočno Sarajevo), 18-20 Mart, 2015, pp. 446-450, ISBN 978-99955-763-6-3
15. Simić M., Bal Ž., Vadera R., Dejanović I.: PyTabs: A DSL for simplified music notation, 5. International Conference on Information Society Technology and Management, Kopaonik: Information Society of Serbia, 8-11 Mart, 2015, pp. 405-409, ISBN 978-86-85525-16-2
16. Sredojević D., Okanović D., Vidaković M., Mitrović D., Ivanović M.: Domain specific agent-oriented programming language based on the Xtext framework, 5. International Conference on Information Science and Technology (ICIST 2015), Kopaonik, 8-11 Mart, 2015
17. Sredojević D., Vidaković M., Okanović D., Mitrović D., Ivanović M.: Conversion of the Agent-Oriented Domain-Specific Language ALAS into JavaScript, 5. Symposium on Computer Languages, Implementations and Tools (SCLIT), Rhodes, 23-29 Septembar, 2015, ISBN 978-0-7354-1392-4
18. Sredojević D., Vidaković M., Okanović D.: Integration of agent domain-specific language ALAS into extensible Java-based framework XJAF, 34. Internationalization and cooperation-Internacionalizacija in sodelovanje, Portorož: Moderna organizacija v okviru UM Fakultete za organizacijske vede, 25-27 Mart, 2015, pp. 1037-1043, ISBN 978-961-232-279-3
19. Stefanović D., Vidaković M., Lackanović B., Ždrnja D., Teslić N.: Comparing complex trees stored in database, 1. The 2015 IEEE International Conference on Consumer Electronics (ICCE), Las Vegas, 9-12 Januar, 2015, pp. 432-434, ISBN 978-1-4799-7542-6
20. Vadera R., Dejanović I., Milosavljević G.: Graph layout algorithms and libraries: overview and improvements, 5. International Conference on Information Science and Technology (ICIST 2015), Kopaonik: Information Society of Serbia, 8-11 Mart, 2015, pp. 55-60, ISBN ISBN:978-86-85525-16
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2015, ISBN 978-9957-8583-3-9

22. Vuković Ž., Milanović N., Bauhoff G.: Prototype of a Framework for Ontology-aided semantic conflict resolution in enterprise integration, 5. International Conference on Information Science and Technology (ICIST 2015), Kopaonik, 8-11 Mart, 2015, pp. 257-260, ISBN 978-86-85525-16-2
23. Zarić M., Miškov Z., Sladić G.: A Flexible, Process-Aware Contract Management System, 5. International Conference on Information Science and Technology (ICIST 2015), Kopaonik: Society for Information Systems and Computer Networks, 8-11 Mart, 2015, pp. 313-318, ISBN 978-86-85525-16-2
24. Zečević I., Bjeljac P., Perišić B.: Dynamic Curriculum Structuring - the Foundation for Timetable Management in Faculty Information System, 14. Međunarodni naučno-stručni simpozijum INFOTEH-JAHORINA, Jahorina: Elektrotehnički fakultet (Istočno Sarajevo), 18-20 Mart, 2015, pp. 457-462, ISBN 978-99955-763-6-3

Spisak rezultata M42 - Monografija nacionalnog značaja, monografsko izdanje građe,

1. Kovačević A.: Istraživanje teksta i primene, Novi Sad, Fakultet Tehničkih Nauka, Univerzitet u Novom Sadu, 2015, ISBN 978-86-7892-643-3

Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Suljkanović A., Milosavljević G., Majstorović D., Dejanović I.: Implementacija generičke DSP komponente u sklopu Typhoon HIL softvera za modelovanje šema energetskih sklopova, InfoM, Časopis za informacionu tehnologiju i multimedijalne sisteme, 2015, No 54, pp. 43-49, ISSN 1451-4397

Spisak rezultata M53 - Rad u naučnom časopisu

1. Simić M.: Cloud arhitektura za razvoj mobilnih igara uz oslonac na Google App Engine platformu, Zbornik radova Fakulteta tehničkih nauka, 2015, Vol. 12, No 2015, pp. 2223-2227, ISSN 0350-428X

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

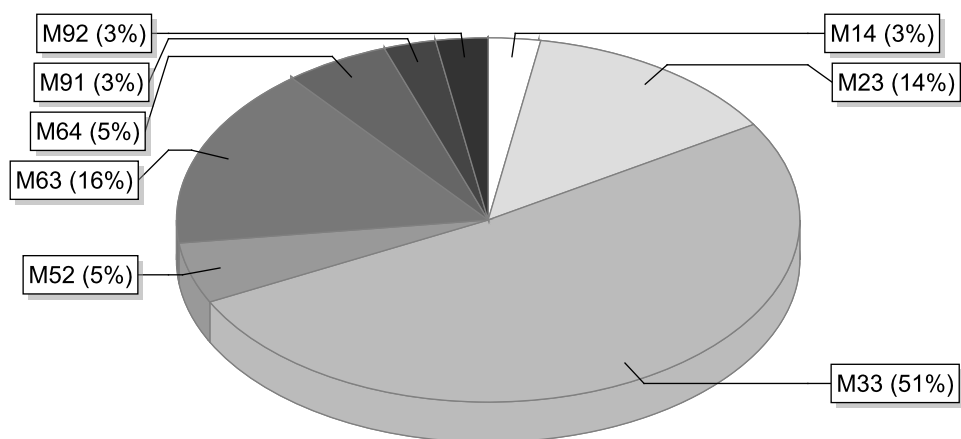
1. Bjeljac P., Zečević I., Nićin M., Stankovski J., Tegeltija S.: Arhitektura povezivanja bankarskih kioska na sistem platnog prometa Republike Srbije, 14. Međunarodni naučno-stručni simpozijum INFOTEH-JAHORINA, Jahorina: Elektrotehnički fakultet (Istočno Sarajevo), 18-20 Mart, 2015, pp. 654-657, ISBN 978-99955-763-6-3
2. Zečević I., Perišić B., Bjeljac P., Perišić I., Kekeljević I.: Nastavnički android servisi, 21. TREND - Trendovi razvoja, Zlatibor: Fakultet tehničkih nauka, 23-26 Februar, 2015, pp. 220-223, ISBN 978-86-7892-680-8

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za računarsku tehniku

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	1
Rad u međunarodnom časopisu	M23	5
Saopštenje sa međunarodnog skupa štampano u celini	M33	19
Rad u časopisu nacionalnog značaja	M52	2
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	6
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	2
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo na međunarodnom nivou	M91	1
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo	M92	1



PRODUKCIJA - REZULTATI

Spisak rezultata M14 - Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja

1. Kukolj D., Barac M., Kukolj S., Antin M., Tekić Ž.: AN OVERVIEW OF THE IP POLITICS IN SOFTWARE AND RESEARCH BASED SME COMPANY, Ed. B. Katalinic, ISSN 1726-9687, http://www.daaam.info/Downloads/Pdfs/science_books_pdfs/2015/Sc_Book_2015-013.pdf, Vienna, DAAAM International Scientific Book, 2015, str. 143-152, ISBN 978-3-902734-05-1, UDK: DOI:

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Bašičević I., Očovaj S., Popović M.: Evaluation of Entropy-Based Detection of Outbound DoS Attacks in Edge Networks, Security and Communication Networks, 2015, Vol. 8, No 5, pp. 837-844, ISSN 1939-0114
2. Bašičević I., Očovaj S., Popović M.: Use of Tsallis entropy in detection of SYN flood DoS attacks, Security and Communication Networks, 2015, Vol. 8, No 18, pp. 3634-3640, ISSN 1939-0114
3. Četić N., Popović M., Đukić M., Kovačević J.: Source traffic modeling in WSN for acoustic sensing in reverberant environment, Electronics and electrical engineering, 2015, Vol. 21, No 5, pp. 64-68, ISSN 1392-1215
4. Mileusnić M., Popović M., Lebl A., Mitić D., Markov Ž.: Power Control of Base Station in GSM: Influence of Users' Density in the Cell, Automatika, 2015, Vol. 56, No 1, pp. 84-90, ISSN 0005-1144
5. Tekić Ž., Dražić M., Kukolj D., Nikolić Lj., Kukolj S., Vitas M.: PSALM—patent mining tool for competitive intelligence, Tehnicki vjesnik - Technical Gazette, 2015, Vol. 22, No 6, pp. 1433-1440, ISSN 1330-3651

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Ačanski M., Bašičević I., Kovačević J., Savić M.: Addition to protocol for satellite, cable and terrestrial signal distribution over IP networks, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero, 8-11 Jun, 2015
2. Bašičević I., Ačanski M., Teslić N., Popović M., Nikolić M.: The Concept of Remote Tuner in Digital Television Software, 23. Telekomunikacioni forum TELFOR, Beograd, 24-26 Novembar, 2015, pp. 756-759, ISBN 978-1-5090-0054-8
3. Busch C., Herlihy M., Popović M., Sharma G.: Impossibility Results for Distributed Transactional Memory, 1. ACM Symposium on Principles of Distributed Computing, San Sebastian: ACM, 21-23 Jul, 2015
4. Dayan D., Goldstein M., Mizrahi S., Rabin M., Berlovitz D., Berlovitz O., Levy E., Naaman M., Nagar M., Soudry D., Yehezkael R., Popović M.: EFL: Implementing and Testing an Embedded Language Which Provides Safe and Efficient Parallel Execution, 1. 4th Eastern European Regional Conference on the Engineering of Computer Based Systems, Brno, 27-28 Avgust, 2015
5. Doder D., Četić N., Popović M., Kovačević J.: Realisation of server application for acoustic sensors based on RTSP, RTP protocols, 23. Telekomunikacioni forum TELFOR, Beograd, 24-26 Novembar, 2015, pp. 516-519, ISBN 978-1-5090-0054-8
6. Đukić N., Tejić B., Tegeltija S., Stankovski S., Kukolj D., Ostojić G.: IMPLEMENTATION OF FIWARE IN INTERNET OF FIELDS, 7. International Scientific and Expert Conference - TEAM, Beograd: Faculty of mechanical Engineering Belgrade, 14-16 Oktobar, 2015, pp. 391-396
7. Fimić N., Tanacković S., Bašičević I., Teslić N.: PVR Trick-mode Emulation through Consecutive Jumps, 23. Telekomunikacioni forum TELFOR, Beograd, 24-26 Novembar, 2015, pp. 772-774
8. Kepe M., Bašičević I., Maruna T., Temerinac M., Novak S.: Declaration language-based Graphical User Interface, 1. 1st IEEE Consumer Electronics Workshop, Novi Sad, 11 Mart, 2015, pp. 1-4
9. Kordić B., Marinković V., Popović M., Kaštelan I.: Hands-on System Programming Labs & Projects Based on E2LP Platform, 38. International Convention on Information and Communication Technology, Electronics and Microelectronics - MIPRO, Opatija: IEEE, MIPRO Society, 25-29 Maj, 2015, pp. 790-793, ISBN 978-953-233-083-0, UDK: 10.1109/MIPRO.2015.7160378
10. Kordić B., Popović M., Bašičević I.: DPM-PSTM: Dual-Port Memory Based Python Software Transactional Memory, 1. 4th Eastern European Regional Conference on the Engineering of Computer Based Systems, Brno, 27-28 Avgust, 2015
11. Kukolj D., Kukolj S., Antin M.: Software support of the process of managing intellectual property, TELFOR, 22. Telekomunikacioni forum TELFOR, Beograd: IEEE, 25-27 Novembar, 2014, pp. 866-869, ISBN 978-1-5090-0054-8, UDK: DOI:10.1109/TELFOR.2015.7377602
12. Lazić K., Bašičević I., Kovačević J.: Bandwidth Estimation in Adaptive Video Streaming Over HTTP, 1. The

2015 IEEE International Conference on Consumer Electronics (ICCE), Las Vegas, 9-12 Januar, 2015, pp. 62-65, ISBN 978-1-4799-7542-6

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14. Popović M., Kordić B., Bašičević I.: Work, Span, and Parallelism of Transactional Memory Programs, 1. 4th Eastern European Regional Conference on the Engineering of Computer Based Systems, Brno, 27-28 August, 2015
15. Popović N., Živkov V., Đukić I., Bašičević I.: Hybrid set top box system that combines DVB input with the data from internet server, 23. Telekomunikacioni forum TELFOR, Beograd, 24-26 Novembar, 2015, pp. 775-778
16. Považan I., Krunić M., Popović M., Krnjetin M.: Debug proxy server for DSP platforms, 1. 1st IEEE Consumer Electronics Workshop, Novi Sad, 11 Mart, 2015
17. Považan I., Krunić M., Popović M.: A Profiling Tool for Heterogeneous Multi-Core Systems, 1. 4th Eastern European Regional Conference on the Engineering of Computer Based Systems, Brno, 27-28 August, 2015
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19. Zeljković A., Bašičević I., Ačanski M., Teslić N.: Protection of Distributed Digital Content in the Scope of SAT2IP Server Application, 1. 1st IEEE Consumer Electronics Workshop, Novi Sad, 11 Mart, 2015

Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Bašičević I., Četić N., Popović M., Krunić M.: Towards a Light-weight Bag-of-tasks Grid Architecture , TELFOR Journal, 2015, Vol. 7, No 1, pp. 49-54, ISSN 1821-3251
2. Suljkanović A., Milosavljević G., Majstorović D., Dejanović I.: Implementacija generičke DSP komponente u sklopu Typhoon HIL softvera za modelovanje šema energetske sklopova, InfoM, Časopis za informacionu tehnologiju i multimedijalne sisteme, 2015, No 54, pp. 43-49, ISSN 1451-4397

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Košutić N., Peić-Tukuljac H., Lukić N., Mihić V.: Service list unification on hybrid digital television receivers, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETAN), Srebrno jezero, 8-11 Jun, 2015
2. Krunić V., Krunić M., Četić N.: Software for Process Management of Temperature Calibration Measure , 13. Infoteh-Jahorina, Jahorina, 18-20 Mart, 2015, pp. 521-526
3. Obuća A., Pečkai Kovač R., Kovačević J., Malko M.: One Solution of Intelligent Calibration of Sound on Platform with Limited Resources;, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETAN), Srebrno jezero, 8-11 Jun, 2015
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5. Sandić-Stanković D., Kukolj D., Le Callet P.: Mera za ocenu kvaliteta slike zasnovana na piramidalnoj dekompoziciji i srednjoj kvadratnoj greški, 23. Telekomunikacioni forum TELFOR, Beograd: TELFOR, 24-26 Novembar, 2015
6. Vukobrat V., Rankov B., Jovanović P., Popović M.: Realizacija alata za generisanje sprege jezika Lua i C mehanizmom prevodioca LuaJIT, 23. Telekomunikacioni forum TELFOR, Beograd, 24-26 Novembar, 2015, pp. 847-850, ISBN 978-1-5090-0054-8

Spisak rezultata M64 - Saopštenje sa skupa nacionalnog značaja štampano u izvodu

1. Kukolj D., Sandić-Stanković D.: Ocena kvaliteta 3D sintetizovanih slika korišćenjem morfološke multi-rezolucione dekompozicije, 8. InterRegioSci, Novi Sad: Univerzitet u Novom Sadu, 2015
2. Petković M., Bašičević I., Popović M., Kukolj D.: Primena entropije mrežnog saobraćaja i fazi sistema u detekciji Internet napada ometanjem usluge, 8. InterRegioSci, Novi Sad: Univerzitet u Novom Sadu, 2015

Spisak rezultata M91 - Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo na međunarodnom nivou

1. Šarić Z., Očovaj S., Pečkai Kovač R., Kovačević J.: Multi-band integrated speech separating microphone array processor with adaptive beamforming - Patent Grant US 9215527 B1, Virginia, United States Patent

and Trademark Office, 2015

Spisak rezultata M92 - Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo

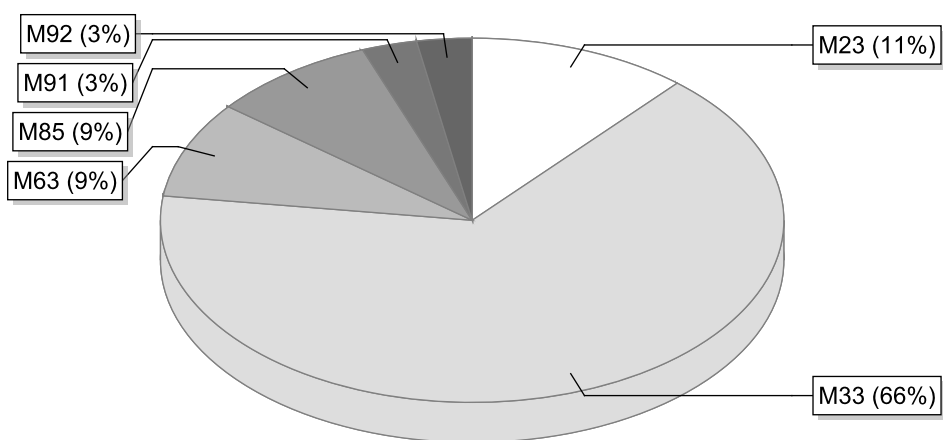
1. Mrazovac B., Kukolj D., Pavlović R., Trbojević M.: Postupak za procenu potrošnje električne energije na osnovu kolor informacije / Patentna prijava RS20150241, Zavod za intelektualnu svojinu, 2015, UDK: P-20150241

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za računarske komunikacije

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u međunarodnom časopisu	M23	4
Saopštenje sa međunarodnog skupa štampano u celini	M33	23
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	3
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	3
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo na međunarodnom nivou	M91	1
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo	M92	1



PRODUKCIJA - REZULTATI

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Bašičević I., Očovaj S., Popović M.: Evaluation of Entropy-Based Detection of Outbound DoS Attacks in Edge Networks, Security and Communication Networks, 2015, Vol. 8, No 5, pp. 837-844, ISSN 1939-0114
2. Bašičević I., Očovaj S., Popović M.: Use of Tsallis entropy in detection of SYN flood DoS attacks, Security and Communication Networks, 2015, Vol. 8, No 18, pp. 3634-3640, ISSN 1939-0114
3. Četić N., Popović M., Đukić M., Kovačević J.: Source traffic modeling in WSN for acoustic sensing in reverberant environment, Electronics and electrical engineering, 2015, Vol. 21, No 5, pp. 64-68, ISSN 1392-1215
4. Maksimovic-Moicevic S., Lukač Ž., Temerinac M.: Edge-texture image quality metrics suitable for evaluation of image interpolation algorithms

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Ačanski M., Bašičević I., Kovačević J., Savić M.: Addition to protocol for satellite, cable and terrestrial signal distribution over IP networks, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero, 8-11 Jun, 2015
2. Bašičević I., Ačanski M., Teslić N., Popović M., Nikolić M.: The Concept of Remote Tuner in Digital Television Software, 23. Telekomunikacioni forum TELFOR, Beograd, 24-26 Novembar, 2015, pp. 756-759, ISBN 978-1-5090-0054-8
3. Doder D., Četić N., Popović M., Kovačević J.: Realisation of server application for acoustic sensors based on RTSP, RTP protocols, 23. Telekomunikacioni forum TELFOR, Beograd, 24-26 Novembar, 2015, pp. 516-519, ISBN 978-1-5090-0054-8
4. Fimić N., Tanacković S., Bašičević I., Teslić N.: PVR Trick-mode Emulation through Consecutive Jumps, 23. Telekomunikacioni forum TELFOR, Beograd, 24-26 Novembar, 2015, pp. 772-774
5. Grumić M., Vasić M., Kaštelan I., Kovačević J.: Porting of Run-Time Environment for Lua-based Applications, 5. IEEE International Conference on Consumer Electronics - Berlin, Berlin: IEEE Consumer Electronics Society, 6-9 Septembar, 2015, pp. 128-131, ISBN 978-1-4799-8748-1
6. Kaštelan I., Pjevalica N., Temerinac M.: A Course in Digital System Design using Unified E2LP Platform, 38. International Convention on Information and Communication Technology, Electronics and Microelectronics - MIPRO, Opatija: IEEE, MIPRO Society, 25-29 Maj, 2015, pp. 749-754, ISBN 978-953-233-083-0, UDK: 10.1109/MIPRO.2015.7160371
7. Kaštelan I., Pjevalica N., Teslić N.: Teaching Digital System Design on a Unified Computer Engineering Learning Platform, 1. IEEE Global Engineering Education Conference (EDUCON) 2015, Tallinn: IEEE Education Society, 18-20 Maj, 2015, pp. 681-688, ISBN 978-1-4799-1907-9, UDK: 10.1109/EDUCON.2015.7096043
8. Kepe M., Bašičević I., Maruna T., Temerinac M., Novak S.: Declaration language-based Graphical User Interface, 1. 1st IEEE Consumer Electronics Workshop, Novi Sad, 11 Mart, 2015, pp. 1-4
9. Kordić B., Lulić D., Peković V., Kaštelan I.: A Fast-shooting Video Grabbing System for Black Box Testing Based Frameworks, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero: Društvo za ETRAN, 8-11 Jun, 2015, pp. 1-5, ISBN 978-86-80509-71-6
10. Kordić B., Marinković V., Popović M., Kaštelan I.: Hands-on System Programming Labs & Projects Based on E2LP Platform, 38. International Convention on Information and Communication Technology, Electronics and Microelectronics - MIPRO, Opatija: IEEE, MIPRO Society, 25-29 Maj, 2015, pp. 790-793, ISBN 978-953-233-083-0, UDK: 10.1109/MIPRO.2015.7160378
11. Lazić K., Bašičević I., Kovačević J.: Bandwidth Estimation in Adaptive Video Streaming Over HTTP, 1. The 2015 IEEE International Conference on Consumer Electronics (ICCE), Las Vegas, 9-12 Januar, 2015, pp. 62-65, ISBN 978-1-4799-7542-6
12. Medić S., Spirić N., Lukić N.: A Proposition for DTV Web API Interface, 1. 1st IEEE Consumer Electronics Workshop, Novi Sad, 11 Mart, 2015
13. Petrović N., Pjevalica V., Pjevalica N., Teslić N.: Analysis of Symmetric Hysteresis Loop Curves Using the Chebyshev Nodes of The First Kind, 18. International Symposium on Power Electronics – Ee, Novi Sad: Univerzitet u Novom Sadu, 28-30 Oktobar, 2015, pp. 1-5
14. Petrović N., Pjevalica V., Pjevalica N.: Comparative Analysis of Error Distribution for Symmetric Hysteresis Loop Curves Approximation by Means of Cosine and Trigonometric Polynomial, 2. International Conference

on Electrical, Electronic and Computing Engineering (IcETTRAN), Srebrno jezero: IcETTRAN, 8-11 Jun, 2015, pp. 1-6, ISBN 978-86-80509-71-6

15. Pjevalica N., Nikolić M., Kaštelan I.: Analog circuitry for BLDC motor magnetic saturation diagnostic, 1. IEEE International Symposium on Design and Diagnostics of Electronic Circuits & Systems (DDECS) 2015, Belgrade: IEEE Computer Society, 22-24 April, 2015, pp. 287-290, ISBN 978-1-4799-6779-7, UDK: 10.1109/DDECS.2015.13
16. Pjevalica N., Nikolić M., Teslić N.: Magnetic Saturation of Permanent Magnet Motor Coil as Key Effect for Initial Rotor Position Detection, 5. IEEE International Conference on Consumer Electronics - Berlin, Berlin: IEEE, 6-9 Septembar, 2015, pp. 418-422, ISBN 9781479987498, UDK: 10.1109/ICCE-Berlin.2015.7391296
17. Pjevalica N., Petrović N., Nikolić M.: Detection of the external magnetic field polarity through the inductance voltage harmonic phase order, 23. Telekomunikacioni forum TELFOR, Beograd: IEEE, 24-26 Novembar, 2015, pp. 599-602, ISBN 978-1-5090-0054-8, UDK: 10.1109/TELFOR.2015.7377539
18. Stanivuk S., Krunic M., Petrović Đ., Kovačević J., Pečkai Kovač R.: Embedded Platform Memory Map Visualization, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETTRAN), Srebrno jezero, 8-11 Jun, 2015
19. Stefanović D., Vidaković M., Lackanović B., Ždrnja D., Teslić N.: Comparing complex trees stored in database, 1. The 2015 IEEE International Conference on Consumer Electronics (ICCE), Las Vegas, 9-12 Januar, 2015, pp. 432-434, ISBN 978-1-4799-7542-6
20. Škobić V., Pjevalica N.: Verification of frequency analysis experimental setup, 23. Telekomunikacioni forum TELFOR, Beograd: IEEE, 24-26 Novembar, 2015, pp. 504-507, ISBN 978-1-5090-0054-8, UDK: 10.1109/TELFOR.2015.7377517
21. Šoškić N., Vranić N., Lukić N.: Improving User Experience with Unique Channel List on Hybrid Set-top Boxes, 1. 1st IEEE Consumer Electronics Workshop, Novi Sad, 11 Mart, 2015
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23. Zeljković A., Bašičević I., Ačanski M., Teslić N.: Protection of Distributed Digital Content in the Scope of SAT2IP Server Application, 1. 1st IEEE Consumer Electronics Workshop, Novi Sad, 11 Mart, 2015

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Košutić N., Peić-Tukuljac H., Lukić N., Mihić V.: Service list unification on hybrid digital television receivers, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETTRAN), Srebrno jezero, 8-11 Jun, 2015
2. Milovanović M., Sovilj P., Pjevalica N., Pejić D., Urekar M.: Stohastički EEG i Vilbraham-Gibsov efekat, 59. ETRAN, Srebrno jezero: Društvo za ETRAN, 8-11 Jun, 2015, ISBN 978-86-80509-71-6
3. Obuća A., Pečkai Kovač R., Kovačević J., Malko M.: One Solution of Intelligent Calibration of Sound on Platform with Limited Resources, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETTRAN), Srebrno jezero, 8-11 Jun, 2015

Spisak rezultata M85 - Prototip, nova metoda, softver, standardizovan ili atestiran instrument,

1. Beljić Ž., Vujičić V., Sovilj P., Vujičić B., Pjevalica N., Pejić D., Pjevalica V., Bulat M.: Metoda merenja osnovnog harmonika u mreži, 2015
2. Radonjić A., Urekar M., Vujičić V., Vujičić B., Sovilj P., Pjevalica N.: Metoda određivanja optimalne rezolucije fleš A/D konvertora u stohastičkom merenju frekvencije osnovnog harmonika u mreži, 2015
3. Urekar M., Vujičić V., Sovilj P., Pjevalica N., Mitrović Z., Pejić D., Bulat M.: Sumarno merenje snage i energije korišćenjem MM4, 2015

Spisak rezultata M91 - Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo na međunarodnom nivou

1. Šarić Z., Očovaj S., Pečkai Kovač R., Kovačević J.: Multi-band integrated speech separating microphone array processor with adaptive beamforming - Patent Grant US 9215527 B1, Virginia, United States Patent and Trademark Office, 2015

Spisak rezultata M92 - Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo

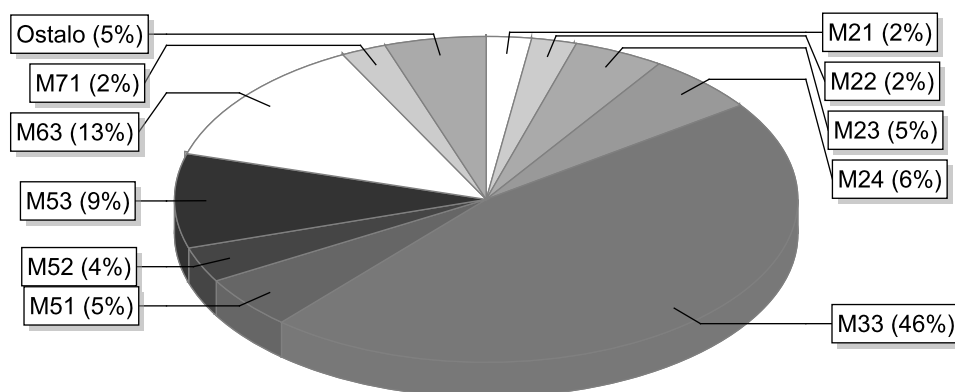
1. Pjevalica N., Spasojević D., Nikolić M., Subotić M.: A Method for Determining the Initial Position of the Rotor of a Permanent Magnet Motor, Beograd, Nacionalni patent, 2015, UDK: P-2015/0440

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Departman za građevinarstvo i geodeziju

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	1
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	1
Rad u vrhunskom međunarodnom časopisu	M21	4
Rad u istaknutom međunarodnom časopisu	M22	4
Rad u međunarodnom časopisu	M23	8
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	10
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	2
Saopštenje sa međunarodnog skupa štampano u celini	M33	79
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	1
Rad u vodećem časopisu nacionalnog značaja	M51	9
Rad u časopisu nacionalnog značaja	M52	6
Rad u naučnom časopisu	M53	16
Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini	M61	3
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	22
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	1
Odbranjena doktorska disertacija	M71	4

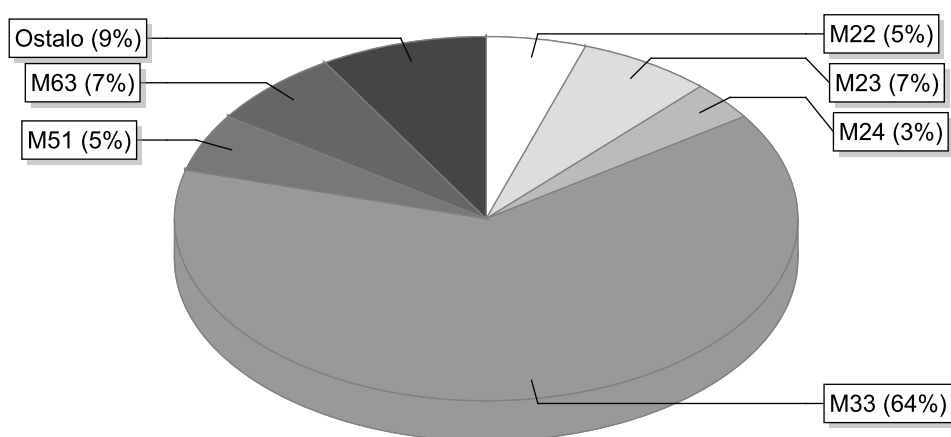


GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za konstrukcije

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	1
Rad u istaknutom međunarodnom časopisu	M22	3
Rad u međunarodnom časopisu	M23	4
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	2
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	37
Rad u vodećem časopisu nacionalnog značaja	M51	3
Rad u časopisu nacionalnog značaja	M52	1
Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini	M61	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	4
Odbranjena doktorska disertacija	M71	1



PRODUKCIJA - REZULTATI

Spisak rezultata M13 - Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja

1. Harmati N., Folić R., Magyar Z.: Energy performance modelling and heat recovery efficiency assessment (in English), LAP Lambert Academic Publishing, OmniScriptum GmbH & Co. KG, 2015, ISBN 978-3-659-78143-8

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Harmati N., Folić R., Magyar Z.: Energy Performance Modelling and Heat Recovery Unit Efficiency Assessment of An Office Building, Thermal Science, 2015, Vol. 19, No 3, pp. 865-880, ISSN 0354-9836
2. Lee V., Manić M., Bulajić B., Herak D., Herak M., Trifunac M.: Microzonation of Banja Luka for performance-based earthquake-resistant design, Soil Dynamics and Earthquake Engineering, 2015, Vol. 78, pp. 71-88, ISSN 0267-7261
3. Manić M., Bulajić B., Trifunac M.: A note on peak accelerations computed from sliding of objects during the 1969 Banja Luka earthquakes in former Yugoslavia, Soil Dynamics and Earthquake Engineering, 2015, Vol. 77, pp. 164-176, ISSN 0267-7261

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Balabušić M., Folić R.: Energy analysis of the critical force of slender RC columns, Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2015, Vol. 167, No 12, pp. 141-156, ISSN 0965-0911, UDK: DOI:10.1680/stub.1300064
2. Prokić A., Mandić R., Vojnić-Purčar M., Folić R.: Torsional buckling of thin-walled beams in presence of bimoment induced by axial loads, Tehnicki vjesnik - Technical Gazette, 2015, Vol. 22, No 1, pp. 183-189, ISSN 1330-3651
3. Zenunovic D., Topalovic M., Folić R.: Identification of Modal Parameters of Bridge using ambient vibration Measurements, Shock and Vibration, 2015, ISSN 1070-9622, UDK: <http://dx.doi.org/10.1155/2015/957841>
4. Zenunović D., Topalović M., Folić R.: System Identification of R/C Girder Bridges Based on Field Measurements and Numerical Simulations, Tehnicki vjesnik - Technical Gazette, 2015, Vol. 22, No 3, pp. 667-675, ISSN 1330-3651, UDK: DOI: 10.17559/TV-20140603143241;

Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

1. Ćosić M., Folić R.: Performance Analysis of Damaged Buildings Applying Scenario of Related Non-Linear Analyses and Damage Coefficient, (publikovano na engleskom i srpskom jeziku), Građevinski materijali i konstrukcije, 2015, No 3, pp. 3-27, ISSN 0543-0798
2. Jakšić Ž., Lađinović Đ., Trivunić M., Harmati N., Vatin N.: Masonry Construction Remedial Measures in Case of a Multi-Story Housing Facility Caused By Floor Extension Process

Spisak rezultata M31 - Predavanje po pozivu sa međunarodnog skupa štampano u celini

1. Folić R.: Structural Robustness of Monolithic and Precast RC structures, 1. Reinforced Concrete and Masonry Structures-Theory and Practice, Sofija, 22-23 Oktobar, 2015, pp. 1-16

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Brujić Z., Folić R.: Approximate Design of Slender Bi-Axially Loaded RC Columns, 1. Reinforced Concrete and Masonry Structures - Theory and Practice, Sofija, 22-23 Oktobar, 2015, pp. 237-248, ISBN ISSN 1310-814X
2. Ćosić M., Folić R., Folić R., Šušić N.: Performanse-based seismic evaluation of soil-pile-bridge pier interaction using INDA, 13. iNDiS, Novi Sad, 25-27 Novembar, 2015, UDK: 624.041
3. Džolev I., Cvetkovska M., Lađinović Đ., Radonjanin V., Rašeta A.: Thermal analysis of concrete members subjected to fire according to EN 1991-1-2 & EN 1992-1-2, 13. iNDiS, Novi Sad: Fakultet tehničkih nauka, Departman za građevinarstvo i geodeziju, 25-27 Novembar, 2015, pp. 708-715, ISBN 978-86-7892-750-8, UDK: 69.05:006.77(4-672EU)
4. Džolev I., Cvetkovska M., Lađinović Đ., Radonjanin V.: Load influence and fire exposure of a simply supported beam, 16. International Symposium MASE, Ohrid: MASE - Macedonian Association of Structural Engineers, Faculty of Civil Engineering, 1-3 Oktobar, 2015, pp. 475-482, ISBN 608-4510-24-8
5. Džolev N., Džolev I.: Optimization of temperature regime in operation of district heating network, 5. Regional Conference Industrial Energy and Environmental Protection in South Eastern European Countries IEEP, Zlatibor: Society of Thermal Engineers of Serbia, 24-27 Jun, 2015, pp. 1-9, ISBN 978-86-7877-025-8

6. Folić R., Čosić M., Folić B.: Damping models for flow chart based structural analysis, 15. International Scientific Conference VSU' 2015, Sofija, 4-5 Jun, 2015, pp. 155-164
7. Folić R., Čosić M., Folić B.: Disiding the order of interventions on the structure of RC bridges for earthquake conditions, 16. International Symposium MASE, Ohrid, 1-3 Oktobar, 2015, pp. 697-707, ISBN 608-4510-24-8
8. Folić R., Petronijević P.: Seismic Strengthening of Buildings with RC Walls, 1. Reinforced Concrete and Masonry Structures - Theory and Practice, Sofija, 22-23 Oktobar, 2015, pp. 1-10
9. Folić R., Radonjanin V., Prokić A., Malešev M.: Earthquake damage to RC bridges and review of recommendation for its repair and strengthening, 16. 16th European Bridge Conference, Edinburgh, 23-25 Jun, 2015, ISBN 0-947664-78-4
10. Folić R.: Performance based seismic design of concrete buildings structures – bases, 3. Savremena dostignuća u građevinarstvu, Subotica, 24-25 April, 2015, pp. 207-215, ISBN 978-86-80297-62-0
11. Grković S., Folić R.: Some Aspects of designing concrete structures based on durability, 1. Reinforced Concrete and Masonry Structures - Theory and Practice, Sofija, 22-23 Oktobar, 2015, pp. 1-10
12. Harmati N., Folić R., Magyar Z.: Building energy performance improvement from the aspect of envelope upgrading, 7. International Symposium on Exploitation of Renewable Energy Sources and Efficiency - EXPRES, Subotica, 19-21 Mart, 2015, pp. 79-82
13. Harmati N., Jakšić Ž., Folić R., Dražić J.: Energy performance simulation in office buildings equiped with heat pump system, 7. iNDiS, Novi Sad: University of Novi Sad, Faculty of Technical Sciences, Department of Civil Engineering and Geodesy, Department of Architecture and Urban Planning in cooperation with Association of Structural Engineers of Serbia, 25-27 Novembar, 2015, pp. 619-627, ISBN 978-86-7892-750-8
14. Jovanović Đ.: ON SEISMIC ANALYSIS OF CBF AND EBF STEEL BUILDINGS TO EN 1998, I: THEORETIC BASIS U radu su predstavljene nove norme za projektovanje seizmički otpornih čeličnih konstrukcija sa okvirima, uz osvrt na istorijski razvoj saznanja i propisa o seizmičkom projektovanju. Prestavljene su teorijske osnove kako analiza koje se koriste pri proračunu, tako i modela ponašanja konstrukcija ovog tipa pri zemljotresnom dejstvu., 7. iNDiS, Novi Sad, 25-27 Novembar, 2015, pp. 674-683, ISBN 978-86-7892-750-8
15. Jovanović Đ.: ON SEISMIC ANALYSIS OF CBF AND EBF STEEL BUILDINGS TO EN 1998, II: CASE STUDY U radu su prikazani različiti tipovi konstruktivnih sistema sa čeličnim spregovima za sedmospratnu zgradu dimenzionisani prema EC3 i EC8. Dati su rezultati nelinearnih analiza ovih zgrada, poređenja različitih rešenja i komentari u vezi sa propisanim pravilima konstruisanja., 7. iNDiS, Novi Sad, 25-27 Novembar, 2015, pp. 684-691, ISBN 978-86-7892-750-8
16. Kočetov Mišulić T., Manojlović D.: Analysis of wind action on arch glulam timber bridges with composite concrete deck according to EN 1991-1-4 and EN 1995-2, 16. International Symposium MASE, Ohrid: MASE - Macedonian Association of Structural Engineers Faculty of Civil Engineering, 1-3 Oktobar, 2015, pp. 421-430, ISBN 608-4510-24-8
17. Kočetov Mišulić T., Manojlović D.: Modeling of composite timber-concrete system with inclined cross screws, 13. iNDiS, Novi Sad: Department of Civil Engineering and Geodesy - Faculty of Technical Sciences Novi Sad, 25-27 Novembar, 2015, pp. 51-59, ISBN 978-86-7892-750-8, UDK: 624.041
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19. Kovačević D., Grubić-Nešić L., Antić A., Mitrović S., Nikolić (Pavlović) J.: DECCE - Development of Engineer's Competencies by Changes in Education, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015, pp. 115-119
20. Kovačević D., Okuka R., Džolev I.: AXISVM® 13 - Advanced features of FEM software for structural analysis, 13. iNDiS, Novi Sad: Fakultet tehničkih nauka, Departman za građevinarstvo i geodeziju, 25-27 Novembar, 2015, pp. 60-66, ISBN 978-86-7892-750-8, UDK: 624.041
21. Kovačević D., Radonjanin V., Malešev M., Rašeta A., Lukić I., Lađinović Đ., Lekić R., Šupić S., Draganić (Vukoslavče S.): Modeling, Computation and Rehabilitation of Road Steel Bridge from The XIX Century, 9. Ocena stanja, održavanje i sanacija građevinskih objekata i naselja, Zlatibor: Savez građevinskih inženjera Srbije, 25-29 Maj, 2015, pp. 185-192, ISBN 978-86-88897-06-8
22. Manojlović D., Kočetov Mišulić T.: Slip modulus in wood-concrete composites: Practical estimation for modelling, 3. Savremena dostignuća u građevinarstvu, Subotica: Univerzitet u Novom Sadu, Građevinski

fakultet Subotica, 24 April, 2015, pp. 253-259, ISBN 978-86-80297-62-0, UDK: 624.011.6

23. Memić M., Folić R.: Model for modification of soil parameters during the phases of construction of RC diaphragm walls, 6. Geotechnics in Civil Engineering, Vršac, 3-6 Novembar, 2015, pp. 379-392, ISBN 978-86-88897-07-5, UDK: 624.156 : 624.131.3
24. Milović (Tatomirović T., Šešlija M., Šupić S., Draganić (Vukoslavče S.: Influence of natural zeolite on some properties of mortar/concrete, 3. Savremena dostignuća u građevinarstvu, Subotica: Univerzitet u Novom Sadu, Građevinski fakultet , 24-25 April, 2015, pp. 31-31, ISBN 978-86-80297-62-0
25. Penčić M., Borovac B., Kovačević D.: FEM Modeling of the Multi-Segment Lumbar Spine for Humanoid Robots, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015, pp. 179-182
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Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

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2. Kosec L., Nagode A., Kosec G., Kovačević D., Karpe B., Zorc B., Kosec B.: Failure analysis of a motor-car coil spring, Case Studies in Engineering Failure Analysis, 2015, Vol. 4, No 10, pp. 100-103, ISSN 2213-2902

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Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

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Spisak rezultata M61 - Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini

1. Zenunović D., Folić R.: Strategija održavanja betonskih konstrukcija, 9. Međunarodno savetovanje: Ocena stanja, održavanje i sanacije građevinskih objekata i naselja, Zlatibor, 25-29 Maj, 2015, pp. 49-61, ISBN 978-86-88897-06-8, UDK: 620.169.1:624.012.4

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

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2. Lađinović Đ., Rašeta A., Radujković A., Džolev I., Starčev-Ćurčin A.: Prikaz proračunskih modela i metoda analize za procenu stanja zidanih zgrada prema Evrokodu 8, 10. Međunarodno naučno savetovanje: "Rizik i bezbednosni inženjering", Kopaonik: Visoka tehnička škola strukovnih studija u Novom Sadu, 26-30 Januar, 2015, pp. 177-185, ISBN 978-86-6211-097-8
3. Manić M., Bulajić B., Trifunac M.: О максималним убрзањима прорачунатим из клизања предмета за време земљотреса у Бањој Луци од 27.10. 1969. године, 11. Savremena teorija i praksa u graditeljstvu, Banja Luka, 14-15 Maj, 2015, pp. 71-82
4. Radujković A., Lađinović Đ., Rašeta A., Džolev I.: Vrednosti faktora multiplikacije kod AB okvira projektovanih prema Evrokodu 8, 13. iNDiS, Novi Sad: Fakultet tehničkih nauka, Departman za građevinarstvo i geodeziju, 25-27 Novembar, 2015, pp. 423-430, ISBN 978-86-7892-749-2, UDK: 69.05:006.77(4-672EU)

Spisak rezultata M71 - Odbranjena doktorska disertacija

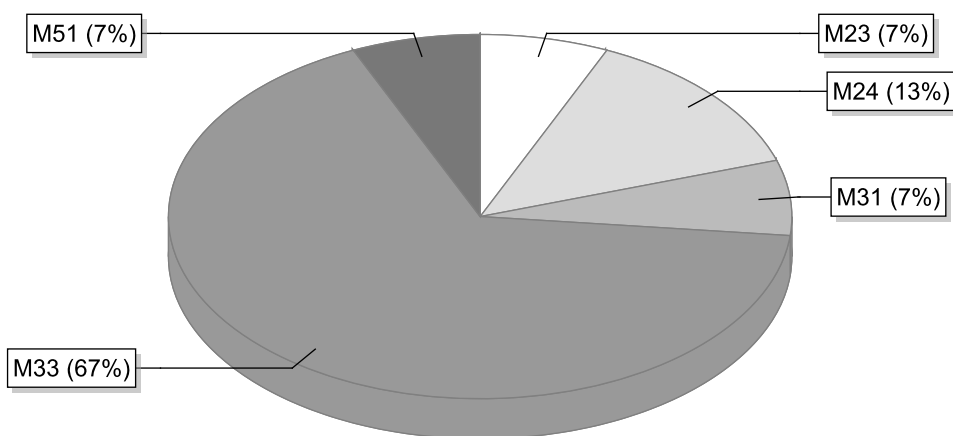
1. Radujković A.: Analiza parametara za procenu seizmičkog odgovora višespratnih armiranobetonskih okvira, Novi Sad, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za geotehniku i saobraćajnice

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u međunarodnom časopisu	M23	1
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	2
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	10
Rad u vodećem časopisu nacionalnog značaja	M51	1



PRODUKCIJA - REZULTATI

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Vasić M., Đogo M., Jelisavac B.: Terrain drainage in the landslide area on the Danube slope in Novi Sad, Tehnicki vjesnik - Technical Gazette, 2015, Vol. 22, No 4, pp. 1075-1083, ISSN 1330-3651, UDK: 62(05)=163.42=111

Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

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2. Šešlija M., Radović N., Vatin N.: Construction of Road Embankment with Waste Materials, Applied Mechanics and Materials, 2015, Vol. 725, pp. 596-601, ISSN 1662-7482

Spisak rezultata M31 - Predavanje po pozivu sa međunarodnog skupa štampano u celini

1. Matić B.: INFORMATION SYSTEM AS A SUPPORT FOR MANAGEMENT BUILDING OBJECTS OF ROAD NETWORK, 9. Ocena stanja, održavanje i sanacija građevinskih objekata i naselja, Zlatibor: Savez građevinskih inženjera Srbije, 25-29 Maj, 2015, pp. 11-16, ISBN 978-86-88897-06-8, UDK: 007:624]:004

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

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2. Marinković M., Matić B., Stevanović R.: Review Of Use Of Industrial Plastic Waste In Road Construction, 13. iNDiS, Novi Sad: Fakultet tehničkih nauka, 25-27 Novembar, 2015, pp. 589-594, ISBN 978-86-7892-750-8, UDK: 502.131.1
3. Matić B., Radonjanin V., Malešev M., Radović N., Sremac S.: Seasonal Asphalt Concrete Surface Pavement Temperature Models Using Neural Networks, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015, pp. 131-134
4. Matić B.: Review Of Use Of Industrial Plastic Waste in Road Construction, 7. iNDiS, Novi Sad: Fakultet tehnički nauka, 25-27 Novembar, 2015, pp. 589-594, ISBN 978-86-7892-750-8
5. Milović (Tatomirović T., Šešlija M., Šupić S., Draganić (Vukoslavče S.: Influence of natural zeolite on some properties of mortar/concrete, 3. Savremena dostignuća u građevinarstvu, Subotica: Univerzitet u Novom Sadu, Građevinski fakultet, 24-25 April, 2015, pp. 31-31, ISBN 978-86-80297-62-0
6. Sremac S., Matić B., Kopic M., Tepić G.: An expert fuzzy model for the determination of the amount of purchase, 2. Logistics International Conference, Beograd: University of Belgrade, Faculty of Transport and Traffic Engineering, Department of Logistics, Belgrade, Serbia, 21-23 Maj, 2015, pp. 2-7, ISBN 978-86-7395-339-7
7. Sremac S., Tanackov I., Stojić G., Kopic M., Matić B.: Definition of logistics in the function of flow of goods, 5. Novi horizonti saobraćaja i komunikacija, Doboš, 20-21 Novembar, 2015, pp. 227-232, ISBN 978-99955-36-57-2
8. Šešlija M., Radonjanin V., Milović (Tatomirović T., Šupić S., Draganić (Vukoslavče S.: Application of Pervious Concrete in Road Engineering, 16. International Symposium MASE, Ohrid: MASE - Macedonian Association of Structural Engineers Faculty of Civil Engineering, 1-3 Oktobar, 2015, pp. 390-398, ISBN 608-4510-24-8
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10. Vasić M., Đogo M., Jelisavac B.: Landslides on the right bank of the Danube in area of Fruška Gora, 6. Geotehnički aspekti građevinarstva, Vršac, 3-6 Novembar, 2015, pp. 319-326, ISBN 978-86-88897-07-5, UDK: 624.131.537 (497.113)

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

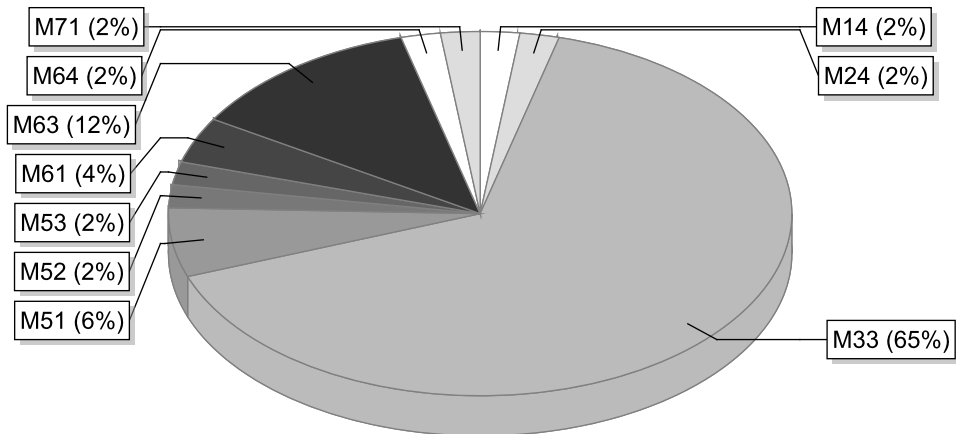
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GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za građevinske materijale, procenu stanja i sanaciju konstrukcija

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	1
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	32
Rad u vodećem časopisu nacionalnog značaja	M51	3
Rad u časopisu nacionalnog značaja	M52	1
Rad u naučnom časopisu	M53	1
Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini	M61	2
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	6
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	1
Obranjena doktorska disertacija	M71	1



PRODUKCIJA - REZULTATI

Spisak rezultata M14 - Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja

1. Bondžić (Simić) J., Novaković T., Tucakov J., Čosić Đ., Šagovnović D.: Disaster risk reduction regarding people with disabilities – institutional mechanisms, Novi Sad, UNIVERSITY OF NOVI SAD, FACULTY OF TECHNICAL SCIENCES, 2015, str. 262-275, ISBN 978-86-7892-765

Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

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Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

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2. Bondžić (Simić) J., Medić N., Novaković T., Popović Lj., Čosić Đ.: Aspects of Petrol Station Accident Modeling, 7. iNDiS, Novi Sad: Departman za Građevinarstvo i Geodeziju, Fakultet tehničkih nauka Novi Sad, 25-27 Novembar, 2015, pp. 639-646, ISBN 978-86-7892-749-2
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8. Ilić T., Bondžić (Simić) J., Sremački M., Čosić Đ.: Modelling Vulnerability to Hazards at the Campus of Novi Sad, 9. Međunarodno savetovanje: Ocena stanja, održavanje i sanacije građevinskih objekata i naselja, Zlatibor: Savez građevinskih inženjera Srbije, 25-29 Maj, 2015, pp. 435-440, ISBN 978-86-88897-06-8
9. Kovačević D., Radonjanin V., Malešev M., Rašeta A., Lukić I., Lađinović Đ., Lekić R., Šupić S., Draganić (Vukoslavče S.: Modeling, Computation and Rehabilitation of Road Steel Bridge from The XIX Century, 9. Ocena stanja, održavanje i sanacija građevinskih objekata i naselja, Zlatibor: Savez građevinskih inženjera Srbije, 25-29 Maj, 2015, pp. 185-192, ISBN 978-86-88897-06-8
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12. Laban M., Popov S., Radonjanin V., Milanko V., Frank A., Draganić (Vukoslavče S.: Capacity building in higher education - Resilience improvement in Balkan region, 4. Applications of Structural Fire Engineering, Dubrovnik: Czech Technical University in Prague, 15-16 Oktobar, 2015, pp. 454-459, ISBN ISBN – 978 – 80 – 01
13. Laban M., Popov S.: Needs for Research, Innovation and Cooperation in the field of Disaster Risk Management and Fire Safety Engineering in WBC, 1. WBCInno International conference, Novi Sad, 18 Septembar, 2015, pp. 66-69, ISBN 978-86-499-0203-9
14. Lukić I., Malešev M., Radonjanin V., Bulatović V., Draganić (Vukoslavče S., Šupić S.: Lightweight Aggregate

- Concrete with High Amount of Mineral Admixtures, 16. International Symposium MASE, Ohrid: MASE - Macedonian Association of Structural Engineers Faculty of Civil Engineering, 1-3 Oktobar, 2015, pp. 349-358, ISBN 608-4510-24-8
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 16. Malešev M., Radonjanin V., Draganić (Vukoslavče S., Šupić S.: Vulnerability of Load-Bearing Structures in Fire, 10. Risk and Safety Engineering, Kopaonik: Visoka tehnička škola strukovnih studija, 26-30 Januar, 2015, pp. 546-554, ISBN 978-86-6211-097-8
 17. Malešev M., Radonjanin V., Radeka M., Šupić S., Draganić (Vukoslavče S.: The Influence of Biomass Ash on Physical and Mechanical Properties of Cement Mortars, 7. iNDiS, Novi Sad: Fakultet tehničkih nauka, Departman za građevinarstvo i geodeziju, 25-27 Novembar, 2015, pp. 237-245, ISBN 978-86-7892-750-8
 18. Matić B., Radonjanin V., Malešev M., Radović N., Sremac S.: Seasonal Asphalt Concrete Surface Pavement Temperature Models Using Neural Networks, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015, pp. 131-134
 19. Medić N., Bondžić (Simić) J., Laban M., Ćosić Đ., Šagovnović D.: Pregled institucija sistema koje učestvuju u integrisanom upravljanju događajima sa katastrofalnim posledicama, 10. Risk and Safety Engineering, Kopaonik: Visoka tehnička škola strukovnih studija u Novom Sadu, 26-30 Januar, 2015, pp. 37-44, ISBN 978-86-6211-097-8
 20. Medić N., Ćosić Đ., Medojević M., Bondžić (Simić) J., Novaković T.: Reduction of CO2 Emissions with Energy Efficiency Measures, 11. Životna sredina ka Evropi, Beograd: Ambasadori održivog razvoja i životne sredine, 5-6 Jun, 2015, pp. 32-36, ISBN 978-86-89961-02-7
 21. Medić N., Laban M., Dražić J., Medojević M., Novaković T.: Cost-benefit Analysis of Energy Efficiency Measures in Buildings, 9. Ocena stanja, održavanje i sanacija građevinskih objekata i naselja, Zlatibor: Savez građevinskih inženjera Srbije / Association of Civil Engineers of Serbia, 25-29 Maj, 2015, pp. 501-508, ISBN 978-86-88897-06-8
 22. Milović (Tatomirović T., Šešlija M., Šupić S., Draganić (Vukoslavče S.: Influence of natural zeolite on some properties of mortar/concrete, 3. Savremena dostignuća u građevinarstvu, Subotica: Univerzitet u Novom Sadu, Građevinski fakultet, 24-25 April, 2015, pp. 31-31, ISBN 978-86-80297-62-0
 23. Novaković T., Jevtić M., Ćosić Đ., Bondžić (Simić) J., Medić N., Laban M.: Obrazovni sistem i upravljanje rizicima od katastrofalnih događaja - Doprinos obrazovanja i značaj kurikuluma, 11. Životna sredina ka Evropi, Beograd: Ambasadori održivog razvoja i životne sredine, 5-6 Jun, 2015, pp. 176-179, ISBN 978-86-89961-02-7
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 28. Radonjanin V., Malešev M., Draganić (Vukoslavče S., Šupić S., Kovačević D., Lekić R., Lađinović Đ., Lukić I., Rašeta A.: Assessment of Road Steel Bridge from The XIX Century, 9. Ocena stanja, održavanje i sanacija građevinskih objekata i naselja, Zlatibor: Savez građevinskih inženjera Srbije, 25-29 Maj, 2015, pp. 179-184, ISBN 978-86-88897-06-8
 29. Sremački M., Stošić M., Bondžić (Simić) J., Mihajlović I., Vojinović-Miloradov M.: Detekcija organohlornih pesticida i estrogena u mešovitoj komunalnoj otpadnoj vodi Novog Sada, 45. International conference - Waste waters, municipal solid wastes and hazardous waste, Budva, 21-23 April, 2015, pp. 133-137, ISBN 978-86-82931-68-3
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Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

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Spisak rezultata M53 - Rad u naučnom časopisu

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Spisak rezultata M61 - Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini

1. Laban M., Dražić J., Šupić S., Draganić (Vukoslavče S.: Basic Requirements for Construction Works, 11. Životna sredina ka Evropi, Beograd: Ambasadori održivog razvoja i životne sredine, 5-6 Jun, 2015, pp. 49-53, ISBN 978-86-89961-02-7
2. Šećerov P., Laban M., Šupić S.: Sistem za rano upozorenje i uzbunjivanje stanovništva u uslovima elementarnih nepogoda, 1. Elementarne nepogode i vanredne situacije, Beograd: Institut za uporedno pravo, 28-29 April, 2015, pp. 243-254, ISBN 978-86-6411-005-1

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Laban M., Popov S., Milanko V., Draganić (Vukoslavče S., Šupić S., Milanko S.: Procena bezbednosti puteva evakuacije zgrada u požaru, 9. Ocena stanja, održavanje i sanacija građevinskih objekata i naselja, Zlatibor: Savez građevinskih inženjera Srbije, 25-29 Maj, 2015, pp. 579-586, ISBN 978-86-88897-06-8
2. Šupić S., Draganić (Vukoslavče S., Laban M., Uljarević M.: Komparativna analiza rezultata proračunskog modela evakuacije i softverskog modela simulacije, 10. Rizik i bezbedonosni inženjering, Kopaonik: Visoka tehnička škola strukovnih studija, 26-30 Januar, 2015, pp. 266-274, ISBN 978-86-6211-097-8
3. Šupić S., Laban M., Medić N., Draganić (Vukoslavče S.: Analiza primenljivosti metodologije za procenu ugroženosti od elementarnih nepogoda, 7. iNDiS, Novi Sad: Fakultet tehničkih nauka, Departman za građevinarstvo i geodeziju, 25-27 Novembar, 2015, pp. 403-413, ISBN 978-86-7892-749-2
4. Šupić S., Uljarević M., Draganić (Vukoslavče S., Lukić I., Bulatović V.: Procena stanja i sanacija kolovozne konstrukcije puta Trebinje – Nevesinje, 3. Savremena dostignuća u građevinarstvu, Subotica: Univerzitet u Novom Sadu, Građevinski fakultet, 24 April, 2015, pp. 95-96, ISBN 978-86-80297-62-0
5. Uljarević M., Šupić S., Draganić (Vukoslavče S.: Zaštita čeličnih konstrukcija od požara primenom metode - konstrukcija ispunjena vodom, 10. Rizik i bezbedonosni inženjering, Kopaonik: Visoka tehnička škola strukovnih studija, 26-30 Januar, 2015, pp. 367-373, ISBN 978-86-6211-097-8
6. Uljarević M., Šupić S.: ANALIZA PRORAČUNA KRUTOSTI OSLONCA KONSTRUKCIJE, 7. iNDiS, Novi Sad: Fakultet tehničkih nauka, Departman za građevinarstvo i geodeziju, 25-27 Novembar, 2015, pp. 231-239, ISBN 978-86-7892-749-2

Spisak rezultata M64 - Saopštenje sa skupa nacionalnog značaja štampano u izvodu

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Spisak rezultata M71 - Odbranjena doktorska disertacija

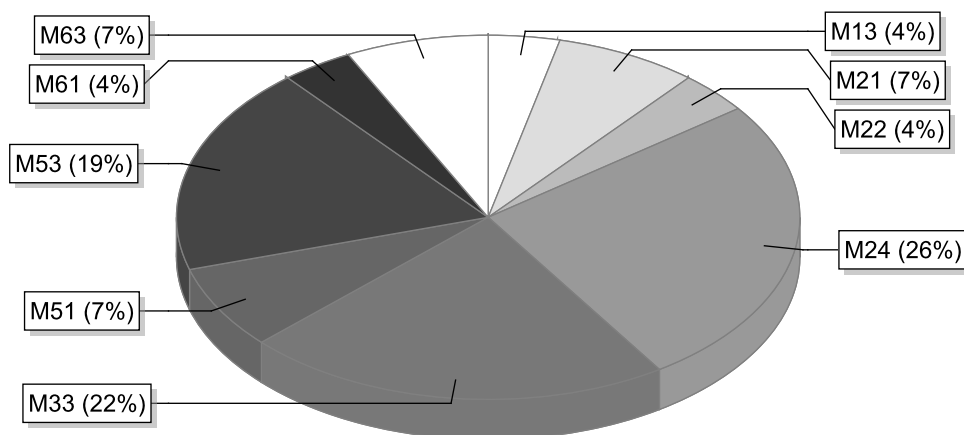
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GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za organizaciju i tehnologiju građenja

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	1
Rad u vrhunskom međunarodnom časopisu	M21	2
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	7
Saopštenje sa međunarodnog skupa štampano u celini	M33	6
Rad u vodećem časopisu nacionalnog značaja	M51	2
Rad u naučnom časopisu	M53	5
Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini	M61	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	2



PRODUKCIJA - REZULTATI

Spisak rezultata M13 - Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja

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Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Arsenović-Vasić M., Radojević Z., Jakšić Ž., Pezo L.: Mathematical Approach to Application of Industrial Wastes in Clay Brick Production – Part I: Testing and Analysis
2. Arsenović-Vasić M., Radojević Z., Jakšić Ž., Pezo L.: Mathematical Approach to Application of Industrial Wastes in Clay Brick Production—Part II: Optimization

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Harmati N., Folić R., Magyar Z.: Energy Performance Modelling and Heat Recovery Unit Efficiency Assessment of An Office Building, Thermal Science, 2015, Vol. 19, No 3, pp. 865-880, ISSN 0354-9836

Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

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2. Dražić J., Peško I., Mučenski V., Bibić (Đorđević) D., Vatin N.: Using ANN in Process of Seismic Damage Prediction for Residential Buildings, Applied Mechanics and Materials, 2015, Vol. 725, pp. 160-167, ISSN 1662-7482
3. Harmati N., Jakšić Ž., Vatin N.: Energy Consumption Modelling Via Heat Balance Method for Energy Performance of a Building
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5. Jakšić Ž., Lađinović Đ., Trivunić M., Harmati N., Vatin N.: Masonry Construction Remedial Measures in Case of a Multi-Story Housing Facility Caused By Floor Extension Process
6. Mučenski V., Peško I., Dražić J., Ćirović G., Trivunić M., Bibić (Đorđević) D.: Construction Workers Injury Risk Assessment in Relation to their Experience and Age, Procedia Engineering, 2015, Vol. 117, pp. 530-538, ISSN 1877-7058
7. Mučenski V., Trivunić M., Peško I.: Risk analysis for occupational injuries caused by machinery usage in building process, Mechanical Engineering -Scientific Journal, 2015, Vol. 33, No 3, pp. 281-286, ISSN 1857-5293, UDK: 69:621.8]:331.454-047.44

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

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2. Harmati N., Folić R., Magyar Z.: Building energy performance improvement from the aspect of envelope upgrading, 7. International Symposium on Exploitation of Renewable Energy Sources and Efficiency - EXPRES, Subotica, 19-21 Mart, 2015, pp. 79-82
3. Harmati N., Jakšić Ž., Folić R., Dražić J.: Energy performance simulation in office buildings equipped with heat pump system, 7. iNDiS, Novi Sad: University of Novi Sad, Faculty of Technical Sciences, Department of Civil Engineering and Geodesy, Department of Architecture and Urban Planning in cooperation with Association of Structural Engineers of Serbia, 25-27 Novembar, 2015, pp. 619-627, ISBN 978-86-7892-750-8
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Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

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Spisak rezultata M53 - Rad u naučnom časopisu

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2. Franić O., Dražić J.: Izbor fasadne obloge stambeno-poslovnog objekta u Novom Sadu na bazi analize troškova, Zbornik radova Fakulteta tehničkih nauka, 2015, Vol. 30, No 14, pp. 2731-2734, ISSN 0350-428X, UDK: 624.05
3. Krmar J., Dražić J.: Višekriterijumska analiza i izbor fasade poslovnog objekta u Novom Sadu, Zbornik radova Fakulteta tehničkih nauka, 2015, Vol. 30, No 2/2015, pp. 203-206, ISSN 0350-428X, UDK: 624.05
4. Starčević J., Dražić J.: Aaliza resursa u varijantama planiranja proizvodnje elemenata konstrukcije montažne hale, Zbornik radova Fakulteta tehničkih nauka, 2015, Vol. 30, No 10/2015, pp. 1855-1858, ISSN 0350-428X, UDK: 624.05
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Spisak rezultata M61 - Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini

1. Laban M., Dražić J., Šupić S., Draganić (Vukoslavče S.): Basic Requirements for Construction Works, 11. Životna sredina ka Evropi, Beograd: Ambasadori održivog razvoja i životne sredine, 5-6 Jun, 2015, pp. 49-53, ISBN 978-86-89961-02-7

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

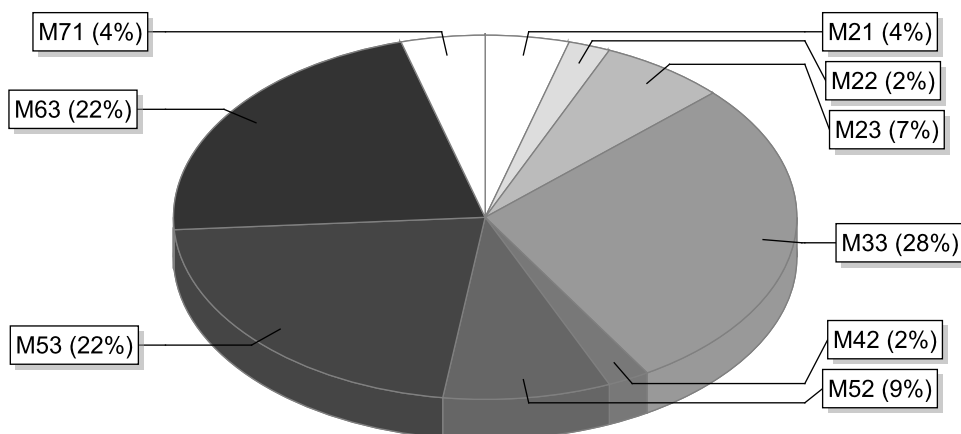
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2. Tešović I., Trivunić M., Lučić D., Šćepanović B., Sekulić G., Pavličić N.: ISTRAŽIVANJE O RIZICIMA OD POVREĐIVANJA NA GRADILIŠTIMA U CRNOJ GORI, 7. iNDiS, Novi Sad: Univerzitet u Novom Sadu, Fakultet tehničkih nauka, Departman za građevinarstvo i geodeziju, ..., 25-27 Novembar, 2015, pp. 279-286, ISBN 978-86-7892-748-5, UDK: 69.055

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za hidrotehniku i geodeziju

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u vrhunskom međunarodnom časopisu	M21	2
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u međunarodnom časopisu	M23	3
Saopštenje sa međunarodnog skupa štampano u celini	M33	13
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	1
Rad u časopisu nacionalnog značaja	M52	4
Rad u naučnom časopisu	M53	10
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	10
Odbranjena doktorska disertacija	M71	2



PRODUKCIJA - REZULTATI

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Budinski Lj.: Application of the LBM with adaptive grid on water hammer simulation, Journal of Hydroinformatics, 2015, ISSN 1464-7141
2. Budinski Lj.: Lattice Boltzmann method for groundwater flow in non-orthogonal structured lattices, Computers & Mathematics with Applications, 2015, Vol. 70, No 10, pp. 2601-2615, ISSN 0898-1221

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Budinski Lj., Fabian Đ., Stipić M.: Modeling groundwater flow by lattice Boltzmann method in curvilinear coordinates, International Journal of Modern Physics C: Physics and Computers, 2015, Vol. 26, No 2, pp. 1-21, ISSN 0129-1831

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Gardić V., Petrović J., Đurđevac-Ignjatovic L., Kolaković S., Vujović S.: Impact assessment of mine drainage water and municipal wastewater on the surface water in the vicinity of Bor doi:10.2298/HEMIND140128031G, "Hemijska industrija", 2015, Vol. 2, No 69, pp. 165-174
2. Kolaković S., Fabian Đ., Sandor K., Budinski Lj., Stipić M.: Exploitation of Documented Historical Floods for Achieving Better Flood Defense, Advances in Meteorology, 2015, Vol. 2016, pp. 1-9, ISSN 1687-93909
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Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Budinski Lj., Fabian Đ., Mašić B., Jeftenić G., Kolaković S.: Improved Lattice Boltzmann method for 2D flows in curvilinear coordinates, 3. Savremena dostignuća u građevinarstvu, Subotica: Građevinski fakultet Subotica, 24 April, 2015, pp. 565-575
2. Fabian Đ., Budinski Lj.: Droughts in the Bačka district during the vegetation period, Zbornik radova međunarodne konferencije Savremena dostignuća u građevinarstvu, 2015, pp. 589-596, 3. Savremena dostignuća u građevinarstvu, Subotica: Građevinski fakultet Subotica, 24 April, 2015, pp. 589-596, ISBN 978-86-80297-62-0
3. Kolaković S., Klačnja M., Vujović S., Kolaković S., Jeftenić G.: Basic data required for wastewater treatment plant design, 1. WASTEnet, International Scientific Conference "Sustainable Solutions to Wastewater Management", Kavala, 19-21 Jun, 2015
4. Kolaković S., Klačnja M., Vujović S., Kolaković S., Kolaković S.: Current status in wastewater treatment in Serbia, 1. WASTEnet, International Scientific Conference "Sustainable Solutions to Wastewater Management", Kavala, 19-21 Jun, 2015
5. Laban M., Popov S., Frank A.: Remote sensing methods application in assessment of vulnerability of urban areas to hazards, 9. Ocena stanja, održavanje i sanacija građevinskih objekata i naselja, Zlatibor: Association of civil engineers of Serbia, 25-29 Maj, 2015, pp. 73-80, ISBN 978-86-88897-06-8, UDK: 528.8:711.4
6. Laban M., Popov S., Radonjanin V., Milanko V., Frank A., Draganić (Vukoslavče S.): Capacity building in higher education - Resilience improvement in Balkan region, 4. Applications of Structural Fire Engineering, Dubrovnik: Czech Technical University in Prague, 15-16 Oktobar, 2015, pp. 454-459, ISBN ISBN – 978 – 80 – 01
7. Marković M., Bajić J., Ninkov T., Vasić D., Sušić Z., Bulatović V.: Savremene metode monitoringa deformacija građevinskih objekata, 3. Savremena dostignuća u građevinarstvu, Subotica: Univerzitet u Novom Sadu, Građevinski fakultet Subotica, 24 April, 2015, pp. 807-814, ISBN 978-86-80297-62-0, UDK: 624.044
8. Mašić B., Stipić M., Jeftenić G., Kolaković S., Vujović S.: Application of SEEP/W to testing on filtration stability of water lock Bezdan, 3. Savremena dostignuća u građevinarstvu, Subotica: Građevinski fakultet Subotica, 24 April, 2015, pp. 575-583
9. Ninkov T., Bulatović V., Sušić Z., Batilović M., Sabadoš I.: Deformaciona analiza građevinskih objekata primenom geodetskih merenja, 13. iNDiS, Novi Sad: Fakultet tehničkih nauka, Departman za građevinarstvo i geodeziju, 25-27 Novembar, 2015, pp. 200-206, ISBN 978-86-7892-749-2, UDK: 624.13
10. Ninkov T., Bulatović V., Sušić Z., Sabadoš I., Batilović M.: Deformation analysis of buildings by applying geodetic measurements, 7. iNDiS, Novi Sad: Fakultet tehničkih nauka, Departman za građevinarstvo i

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Spisak rezultata M71 - Odbranjena doktorska disertacija

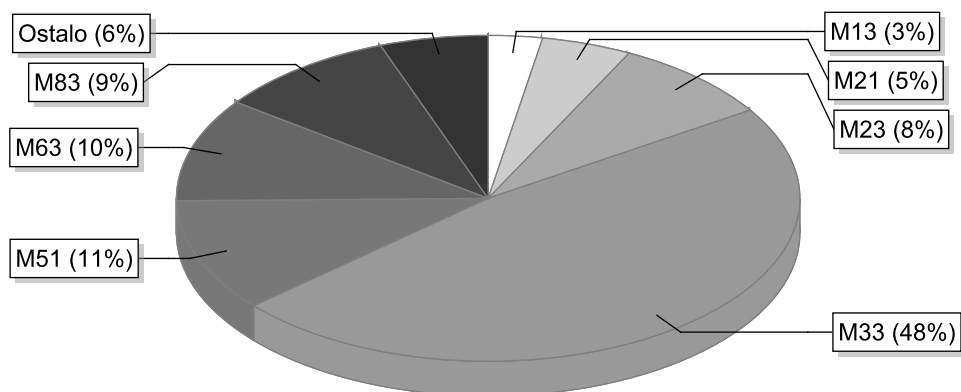
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GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Departman za saobraćaj

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	3
Rad u vrhunskom međunarodnom časopisu	M21	5
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u međunarodnom časopisu	M23	9
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	51
Rad u vodećem časopisu nacionalnog značaja	M51	12
Rad u časopisu nacionalnog značaja	M52	1
Rad u naučnom časopisu	M53	2
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	11
Odbranjena doktorska disertacija	M71	1
Novo laboratorijsko postrojenje, novo eksperimentalno postrojenje, novi tehnološki postupak	M83	10

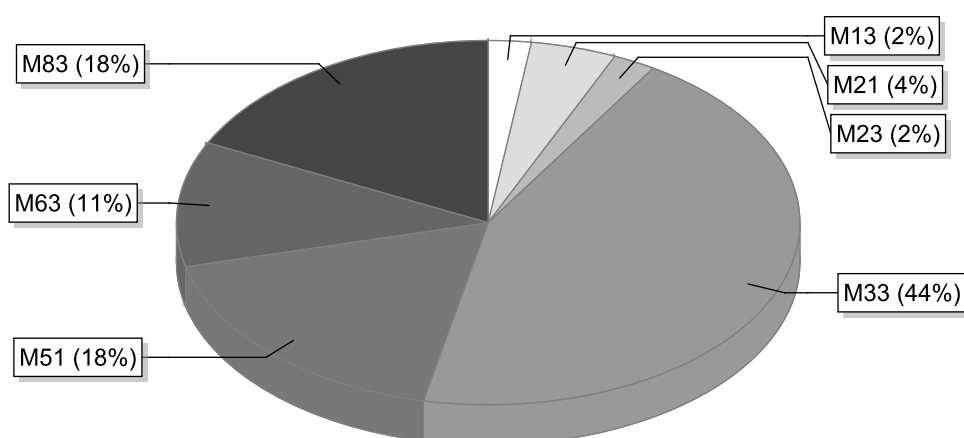


GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za saobraćajne sisteme

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	1
Rad u vrhunskom međunarodnom časopisu	M21	2
Rad u međunarodnom časopisu	M23	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	20
Rad u vodećem časopisu nacionalnog značaja	M51	8
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	5
Novo laboratorijsko postrojenje, novo eksperimentalno postrojenje, novi tehnološki postupak	M83	8



PRODUKCIJA - REZULTATI

Spisak rezultata M13 - Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja

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9. Marić M., Ruškić N.: Urban noise map for healthy city, 5. Towards a humane city, Novi Sad: Fakultet tehničkih nauka, 5-6 Novembar, 2015, pp. 377-383, ISBN 978-86-7892-739-3
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Spisak rezultata M83 - Novo laboratorijsko postrojenje, novo eksperimentalno postrojenje, novi tehnološki postupak

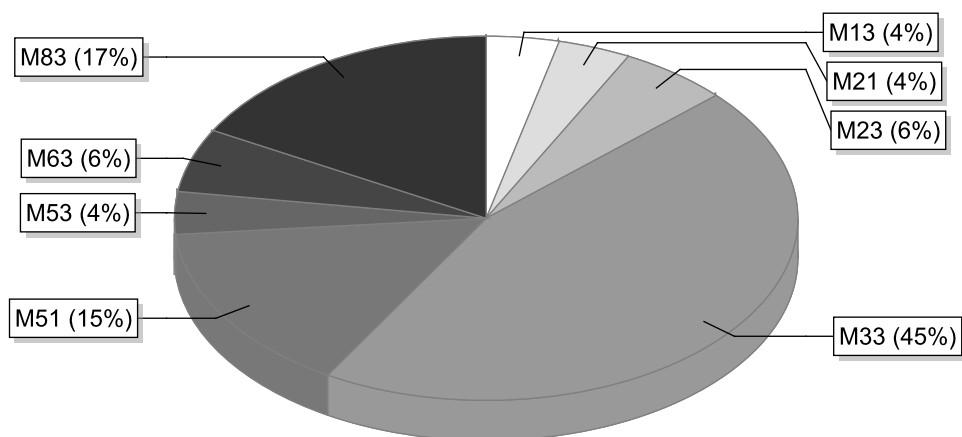
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3. Bogdanović V., Ruškić N., Basarić V., Glavić D., Ivanović B., Garunović N.: Model proračuna dužine preticajne preglednosti, 2015
4. Bogdanović V., Ruškić N., Miličić M., Papić Z., Garunović N.: Model upravljanja saobraćajem na uličnoj mreži u okruženju pešačke zone, 2015
5. Miličić M., Bogdanović V., Basarić V., Atanasković P., Ruškić N., Škiljaica I.: Model za poboljšanje efikasnosti transportnih preduzeća, 2015
6. Miličić M., Bogdanović V., Basarić V., Ruškić N., Škiljaica I., Savković T.: Model za procenu prihoda metodom uzorka za transportna preduzeća, 2015
7. Ruškić N., Bogdanović V., Basarić V., Miličić M., Garunović N.: Model proračuna kapaciteta trokrakih nestandardnih nesignalisanih raskrsnica, 2015
8. Ruškić N., Bogdanović V., Basarić V., Miličić M., Tanackov I., Garunović N.: Model proračuna kapaciteta četvorokrakih nestandardnih nesignalisanih raskrsnica, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za tehnologije transportno logističkih sistema

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	2
Rad u vrhunskom međunarodnom časopisu	M21	2
Rad u međunarodnom časopisu	M23	3
Saopštenje sa međunarodnog skupa štampano u celini	M33	24
Rad u vodećem časopisu nacionalnog značaja	M51	8
Rad u naučnom časopisu	M53	2
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	3
Novo laboratorijsko postrojenje, novo eksperimentalno postrojenje, novi tehnološki postupak	M83	9



PRODUKCIJA - REZULTATI

Spisak rezultata M13 - Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja

1. Ilin V., Simić D., Tepić J., Stojić G., Saulić N.: A Survey of Hybrid Artificial Intelligence Algorithms for Dynamic Vehicle Routing Problem, Bilbao, Springer International Publishing, 2015, str. 644-655, ISBN 978-3-319-19643-5, UDK: ISSN: 0302-9743
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Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

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2. Tepić J., Đelošević M., Tanackov I., Lalić B.: Experimental - theoretical analysis of local stresses in box girders of trapezoidal cross section, Meccanica, 2015., DOI: 10.1007/s11012-015-0131-2 (in Press), Meccanica, 2015, ISSN 0025-6455

Spisak rezultata M23 - Rad u međunarodnom časopisu

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Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

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2. Đorđević D., Stojić G., Sremac S.: Methodology for measuring and selection of possible indicators for monitoring and improving transport for people with disabilities, 5. Novi horizonti saobraćaja i komunikacija, Dobo, 20-21 Novembar, 2015, pp. 34-39, ISBN 978-99955-36-57-2
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4. Đorđević I., Stojić G., Tanackov I., Sremac S.: Modeling delay of loading goods on river transport vessels, 2. Logistics International Conference, Beograd, 21-23 Maj, 2015, pp. 26-31
5. Gladović P., Miličić M., Savković T.: Novi sistem javnog masovnog transporta putnika u Sremskoj Mitrovici, 2. TES 2010, Sombor: Univerzitet u Beogradu, Saobraćajni fakultet, 8-9 Oktobar, 2015, pp. 95-99, ISBN 978-86-7395-340-3
6. Gladović P., Popović V., Trajković I., Kostić S.: The Role and Significance of Planning and Conducting Pedestrian Flows in Cities - Case Study of Niš, 5. Towards a humane city, Novi Sad, 5-6 Novembar, 2015, ISBN 978-86-7892-739-3
7. Gladović P.: Primena analize DEA za poboljšanje kvaliteta usluge na mreži linija javnog gradskog transporta putnika – studija slučaja grada Niša, 11. Traffic and Environmental Problems of Countries in Transition in Terms of Integration in the European Union, Travnik, 22-23 Maj, 2015
8. Kopic M., Sremac S.: RESOLVING THE ISSUE OF PARKING AT THE OUTSKIRTS OF THE HISTORICAL PROTECTED CITY CENTRE OF NOVI SAD, 5. Towards a humane city, Novi Sad: FACULTY OF TECHNICAL SCIENCES, 5-6 Novembar, 2015, ISBN 978-86-7892-739-3
9. Marković B., Bukurov M., Bačkalić T., Tašin S.: LOW COSTS LIQUID FLOW METERS CALIBRATION FACILITY, Časopis za procesnu tehniku i energetiku u poljoprivredi - PTEP, 2015, pp. 133-138, ISSN 1450-5029, 4. MEĐUNARODNA KONFERENCIJA - INOPTEP 2015, Divčibare: National Society of Processing and Energy in Agriculture; Nacionalno društvo za procesnu tehniku i energetiku u poljoprivredi, 19-24 April, 2015, pp. 133-138, ISBN 978-86-7520-333-9

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11. Miličić M., Basarić V., Savković T., Mitrović Simić J.: Analiza tržišta robnog saobraćaja, 18. International Conference DEPENDABILITY AND QUALITY MANAGEMENT ICDQM, Prijedor: Istraživački centar DQM, 25-26 Jun, 2015, pp. 383-388, ISBN 978-86-86355-18-8
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13. Popović V., Kostić S., Gladović P., Jovanović M.: Pešaci kao ugroženi učesnici u saobraćaju - studija slučaja grada Niša, 10. Road Safety in Local Community, Kragujevac, 22-25 April, 2015, ISBN 978-86-7020-350-0
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18. Sremac S., Tanackov I., Stojić G., Kopic M., Matić B.: Definition of logistics in the function of flow of goods, 5. Novi horizonti saobraćaja i komunikacija, Doboj, 20-21 Novembar, 2015, pp. 227-232, ISBN 978-99955-36-57-2
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22. Stević Ž., Stojić G., Vasiljević M., Vesković S.: Safety At Work In The Field Of Logistics, 1. OSH BON-TON, Ohrid: Faculty of Mechanical engineering, University "St. Cyril and Methodius" - Skopje, 29-31 Oktobar, 2015, pp. 29-31, ISBN 978-608-4624-18-9
23. Škiljaica I., Škiljaica V.: Analysis of the influence of shallow water on ship's squat, 23. International symposium on electronics in traffic ISEP, Ljubljana: Electrotechnical association of Slovenia, 23-24 Mart, 2015
24. Veličković M., Gladović P.: Konsolidacija robnih tokova kao mera za smanjenje ekološkog uticaja transporta, 11. Traffic and Environmental Problems of Countries in Transition in Terms of Integration in the European Union, Travnik: Internacionalni univerzitet Travnik u Travniku, 22-23 Maj, 2015, pp. 256-266, ISBN /

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

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2. Miličić M., Atanasković P., Savković T., Dejanović B.: Fleet Management using the FleetBoard System, Suvremeni promet, 2015, Vol. 35, No 3-4, pp. 168-173, ISSN 0351-1898, UDK: 656
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4. Pejčev I., Basarić V., Mitrović Simić J., Miličić M.: Istraživanje karakteristika putovanja studenata, Suvremeni

promet, 2015, Vol. 35, No 1-2, pp. 94-98, ISSN 0351-1898, UDK: 656

5. Pitka P., Simeunović M., Saulić N.: Uniformity Headway Analysis of Urban Public Transport, *Suvremeni promet*, 2015, Vol. 35, No 1-2, pp. 136-140, ISSN 0351-1898, UDK: 656
6. Savković T., Gladović P., Miličić M., Basarić V., Pitka P.: Benchmarking as a Tool for Improving the Operations of Transport Companies, *Tehnika*, 2015, Vol. 4, pp. 681-686, ISSN 0040-2176, UDK: 62(062.2)(497.1)
7. Škiljaica I., Škiljaica V.: Procedure for comparison of synchronisation of work of propelling engines of ships-pushboats and their propellers, *Suvremeni promet*, 2015, Vol. 35, No 3-4, pp. 205-210, ISSN 0351-1898
8. Tepić G., Tepić I., Sremac S., Tasić N., Bogojević B.: Management of risk in response to natural disasters, *ECOLOGICA*, Scientific professional society for environmental protection of Serbia, 2015, Vol. 22, No 80, pp. 651-655, ISSN 0354-3285

Spisak rezultata M53 - Rad u naučnom časopisu

1. Adamović N., Miličić M.: Analiza upravljanja u preduzeću IGM Stražilovo kao deo NEXE GRUPE sa predlogom mera za poboljšanje poslovanja sektora transport, *Zbornik radova Fakulteta tehničkih nauka*, 2015, Vol. 30, No 3, pp. 592-595, ISSN 0350-428X
2. Radulović M., Miličić M.: Računarski programi kao podrška u upravljanju transportnim procesom, *Zbornik radova Fakulteta tehničkih nauka*, 2015, Vol. 30, No 10, pp. 1911-1914, ISSN 0350-428X

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Bogičević D., Gladović P., Čengić N., Stanković M.: Primena digitalnih tahografa u postupku veštačenja saobraćajnih nezgoda, 10. Savetovanje na temu saobraćajne nezgode, Zlatibor, 14-16 Maj, 2015, ISBN 978-86-86931-12-2
2. Stanković M., Bogičević D., Gladović P., Stojanović N.: Poznavanje pravila saobraćaja u funkciji obrazovanja studenata, 10. Savetovanje na temu saobraćajne nezgode, Zlatibor, 14-16 Maj, 2015, ISBN 978-86-86931-12-2
3. Tepić G., Tepić I., Simeunović N., Čosić Đ., Tasić N., Sremac S.: Maintenance strategies based on risk in manipulating of dangerous substances, 12. Unapređenje sistema zaštite na radu, Tara, 7-10 Oktobar, 2015, pp. 187-193, ISBN 978-86-919221-0-8

Spisak rezultata M83 - Novo laboratorijsko postrojenje, novo eksperimentalno postrojenje, novi tehnološki postupak

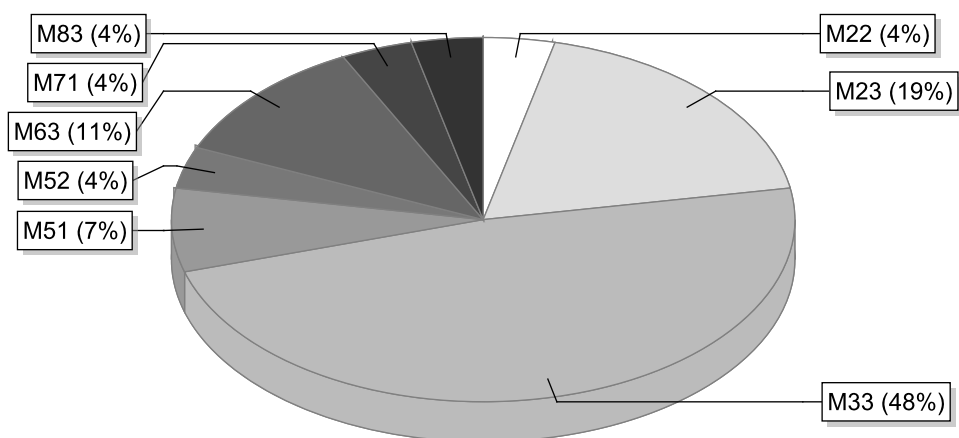
1. Basarić V., Đorić V., Bogdanović V., Jevđenić A., Ruškić N., Miličić M.: Model simulacije efekata primene mera saobraćajne politike, 2015
2. Basarić V., Jović J., Bogdanović V., Ruškić N., Miličić M., Mitrović Simić J.: Model ciljane (dirigovane) vidovne raspodele, 2015
3. Bogdanović V., Ruškić N., Miličić M., Papić Z., Garunović N.: Model upravljanja saobraćajem na uličnoj mreži u okruženju pešačke zone, 2015
4. Miličić M., Bogdanović V., Basarić V., Atanasković P., Ruškić N., Škiljaica I.: Model za poboljšanje efikasnosti transportnih preduzeća, 2015
5. Miličić M., Bogdanović V., Basarić V., Ruškić N., Škiljaica I., Savković T.: Model za procenu prihoda metodom uzorka za transportna preduzeća, 2015
6. Ruškić N., Bogdanović V., Basarić V., Miličić M., Garunović N.: Model proračuna kapaciteta trokrakih nestandardnih nesignalisanih raskrsnica, 2015
7. Ruškić N., Bogdanović V., Basarić V., Miličić M., Tanackov I., Garunović N.: Model proračuna kapaciteta četvorokrakih nestandardnih nesignalisanih raskrsnica, 2015
8. Sremac S., Tanackov I., Stojić G., Simić D., Tepić G.: Ekspertni model za određivanje količine nabavke, 2015
9. Stojić G., Tanackov I., Vesković S., Tepić J., Sremac S.: Model za definisanje načina upravljanja železničkom infrastrukturom, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za poštanski saobraćaj i komunikacije

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u međunarodnom časopisu	M23	5
Saopštenje sa međunarodnog skupa štampano u celini	M33	13
Rad u vodećem časopisu nacionalnog značaja	M51	2
Rad u časopisu nacionalnog značaja	M52	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	3
Odbranjena doktorska disertacija	M71	1
Novo laboratorijsko postrojenje, novo eksperimentalno postrojenje, novi tehnološki postupak	M83	1



PRODUKCIJA - REZULTATI

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Kujačić M., Blagojević M., Šarac D., Vešović V.: The Modified Activity-Based Casting Method in Universal Postal Service Area: Case Study of the Montenegro Post, *Engineering Economics*, 2015, Vol. 26, No 2, ISSN 1392-2785

Spisak rezultata M23 - Rad u međunarodnom časopisu

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Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

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2. Grbić T., Medić S., Duraković N., Dumnić S., Gavrilov T.: Weak convergence of sequences of distorted probabilities, 13. IEEE International Symposium on Intelligent Systems and Informatics (SISY), Subotica, 17-19 Septembar, 2015
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Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

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Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Kujačić M., Šarac D., Jovanović B., Dumnić S.: Upravljanje ljudskim resursima u dostavi poštanskih pošiljaka, Tehnika, 2015, No 4, pp. 697-703, ISSN 0040-2176

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Kujačić M., Oslvald M., Jovanović B.: Izazovi e-trgovine za javne poštanske operatore, 33. Simpozijum o novim tehnologijama u poštanskom i telekomunikacionom saobraćaju PosTel, Beograd, 1-2 Decembar, 2015, pp. 147-154, ISBN 978-86-7395-342-7
2. Šarac D., Unterberger M., Dupljanin Đ., Ožegović S.: Poštanska mreža u ruralnim oblastima Republike Srbije, 33. Simpozijum o novim tehnologijama u poštanskom i telekomunikacionom saobraćaju PosTel, Beograd: Saobraćajni fakultet Beograd, 1-2 Decembar, 2015
3. Šarac D., Unterberger M., Jovanović B.: Pregled modela pristupa poštanskoj mreži u zemljama Dunavskog regiona, 4. Konkurentnost i održivi razvoj– KOR 2015, Novi Sad, 7-8 Oktobar, 2015, pp. 65-69, ISBN 2335-0172

Spisak rezultata M71 - Odbranjena doktorska disertacija

1. Jovanović B.: Upravljanje performansama redova čekanja u poštanskom saobraćaju, Novi Sad, 2015

Spisak rezultata M83 - Novo laboratorijsko postrojenje, novo eksperimentalno postrojenje, novi tehnološki postupak

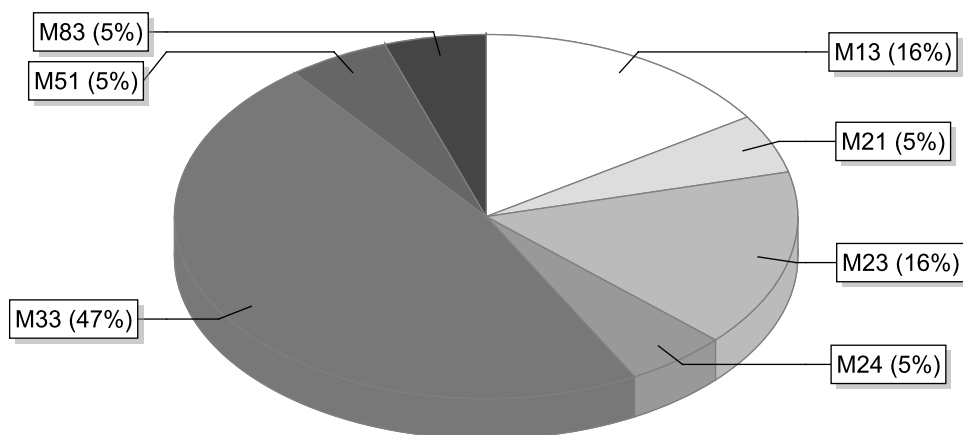
1. Miličić M., Bogdanović V., Basarić V., Atanasković P., Ruškić N., Škiljaica I.: Model za poboljšanje efikasnosti transportnih preduzeća, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za logistiku i intermodalni transport

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	3
Rad u vrhunskom međunarodnom časopisu	M21	1
Rad u međunarodnom časopisu	M23	3
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	9
Rad u vodećem časopisu nacionalnog značaja	M51	1
Novo laboratorijsko postrojenje, novo eksperimentalno postrojenje, novi tehnološki postupak	M83	1



PRODUKCIJA - REZULTATI

Spisak rezultata M13 - Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja

1. Ilin V., Simić D., Tepić J., Stojić G., Saulić N.: A Survey of Hybrid Artificial Intelligence Algorithms for Dynamic Vehicle Routing Problem, Bilbao, Springer International Publishing, 2015, str. 644-655, ISBN 978-3-319-19643-5, UDK: ISSN: 0302-9743
2. Jackowski, K., Simić D., Jankowski, D., Simić S.: Migraine Diagnosis Support System Based on Classifier Ensemble, Berlin, Springer International Publishing Switzerland, Advances in Intelligent Systems and Computing, 2015, str. 329-339, ISBN 978-3-319-09878-4, UDK: ISSN: 2194-5357
3. Simić D., Ilin V., Tanackov I., Svirčević V., Simić S.: A Hybrid Analytic Hierarchy Process for Clustering and Ranking Best Location for Logistics Distribution Center, Bilbao, Springer International Publishing, 2015, str. 477-488, ISBN 978-3-319-19643-5, UDK: ISSN: 0302-9743

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Medić S., Grbić T., Perović A., Nikoličić S.: Inequalities of Hölder and Minkowski type for pseudo-integrals with respect to interval-valued λ -measures/ <http://dx.doi.org/10.1016/j.fss.2015.11.014>, Fuzzy Sets & Systems, 2015, ISSN 0165-0114, UDK: <http://dx.doi.org/10.1016/j.fss.2015.11.014>

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Nikoličić S., Kilbarda M., Atanasković P., Duđak Lj., Ivanišević A.: Impact of RFID Technology on Logistic Process Efficiency in Retail Supply Chains, Promet - Traffic&Transportation, 2015, Vol. 27, No 2, pp. 7-16, ISSN 0353-5320
2. Simić D., Kovačević I., Svirčević V., Simić S.: Hybrid Firefly Model in Routing Heterogeneous Fleet of Vehicles in Logistics Distribution, Logic Journal of the LGPL / Interest Group in Pure and Applied Logics, 2015, Vol. 23, No 3, pp. 521-532, ISSN 1367-0751
3. Simić D., Svirčević V., Simić S.: A Hybrid Evolutionary Model for Supplier Assessment and Selection in Inbound Logistics, Journal of Applied Logic, 2015, Vol. 13, No 2, pp. 138-147, ISSN 1570-8683, UDK: Available online 15 November 2014

Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

1. Simić D., Jackowski K., Jankowski D., Simić S.: Comparison of Clustering Methods in Cotton Textile Industry, UDK: ISSN: 0302-9743

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Ilin V., Simić D., Saulić N.: Simulation model of a queuing system: the case study of a fair trade manifestation in Novi Sad, 2. Logistics International Conference, Beograd: University of Belgrade, Faculty of Transport and Traffic Engineering, 21-23 Maj, 2015, pp. 228-233, ISBN 978-86-7395-33
2. Ilin V., Simić D., Veličković M.: An information and communication technology infrastructure support for smart sustainable cities, 5. Towards a humane city, Novi Sad: Department of traffic engineering, Faculty of technical sciences, University of Novi Sad, 5-6 Novembar, 2015, pp. 347-353, ISBN 978-86-7892-739-3
3. Mirčetić D., Nikoličić S., Maslarić M., Stanojević M.: Simulation as a Tool for Extracting Key Performance Parameters in Postal Logistic Centers, 2. Logistics International Conference, Beograd: University of Belgrade, Faculty of Transport and Traffic Engineering, Vojvode Stepe 305, Belgrade, Serbia, 21-23 Maj, 2015, pp. 210-2015, ISBN 978-86-7395-339-7
4. Mirčetić D., Ziramov N., Nikoličić S., Maslarić M., Ralević N.: Demand Forecasting in Beverage Supply Chain, 3. International Conference in Supply Chains (Olympus ICSC), Atina: Hellenic Logistics Association, 7-8 Novembar, 2015, pp. 58-65
5. Nikoličić S., Pašagić Škrinjar J., Mirčetić D., Atanasković P.: Radio Frequency Identification: Technologies and Applications In Logistics, 2. Logistics International Conference, Beograd: University of Belgrade, Faculty of Transport and Traffic Engineering, Vojvode Stepe 305, Belgrade, Serbia, 21-23 Maj, 2015
6. Simić D., Ilin V., Kopic M., Svirčević V., Radmila J.: Big data on large urban logistics for sustainability development cities, 5. Towards a humane city, Novi Sad: Department for Traffic Engineering, Faculty of Technical Sciences, University of Novi Sad, 5-6 Novembar, 2015, pp. 363-368, ISBN 978-86-7892-739-3
7. Stojanović Đ., Veličković M., Aleksić G.: A simulation model for transport sourcing in supply chain, 20. International Symposium on Logistics, Bologna: Centre for Concurrent Enterprise, Nottingham University Business School, 5-8 Jul, 2015, pp. 390-398, ISBN 13 9780853583080
8. Veličković M., Gladović P.: Konsolidacija robnih tokova kao mera za smanjenje ekološkog uticaja transporta,

11. Traffic and Environmental Problems of Countries in Transition in Terms of Integration in the European Union, Travnik: Internacionalni univerzitet Travnik u Travniku, 22-23 Maj, 2015, pp. 256-266, ISBN /

9. Veličković M., Stojanović Đ., Aleksić G.: Eco-driving awareness and behaviour of commercial drivers, 2. Logistics International Conference, Beograd: University of Belgrade, Faculty of Transport and Traffic Engineering, 21-23 Maj, 2015, pp. 142-147, ISBN 978-86-7395-339-7

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

1. Stojanović Đ., Aas B.: Transport Outsourcing and Transport Collaboration Relationship - The Risk Hedging Perspective, SERBIAN JOURNAL OF MANAGEMENT, 2015, Vol. 10, No 1, pp. 33-49, ISSN 1452-4862

Spisak rezultata M83 - Novo laboratorijsko postrojenje, novo eksperimentalno postrojenje, novi tehnološki postupak

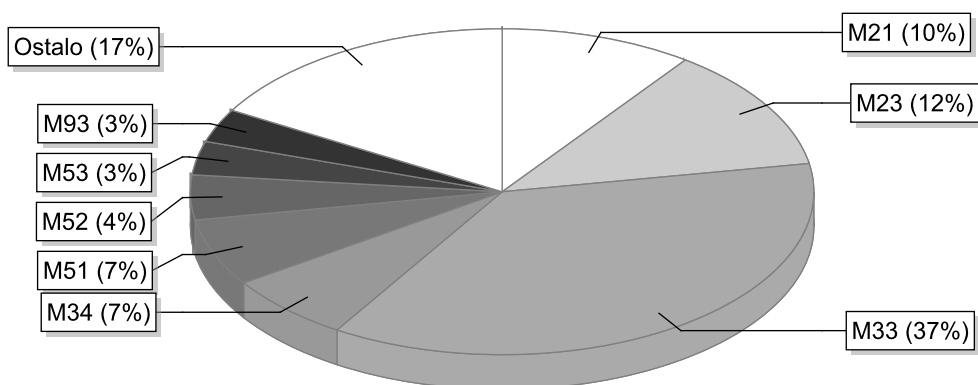
1. Sremac S., Tanackov I., Stojić G., Simić D., Tepić G.: Ekspertni model za određivanje količine nabavke, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Departman za arhitekturu i urbanizam

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografija međunarodnog značaja	M12	1
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	1
Rad u vrhunskom međunarodnom časopisu	M21	9
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u međunarodnom časopisu	M23	11
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	33
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	6
Poglavlje u knjizi M41 ili rad u istaknutom tematskom zborniku vodećeg nacionalnog značaja	M44	2
Uređivanje naučne monografije, tematskog zbornika, leksikografske ili kartografske publikacije nacionalnog značaja	M49	1
Rad u vodećem časopisu nacionalnog značaja	M51	6
Rad u časopisu nacionalnog značaja	M52	4
Rad u naučnom časopisu	M53	3
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	1
Odbranjena doktorska disertacija	M71	2
Kritička evaluacija podataka, baza podataka,	M86	1
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo na međunarodnom nivou	M91	2
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo	M92	2
Autorska izložba sa katalogom uz naučnu recenziju	M93	3

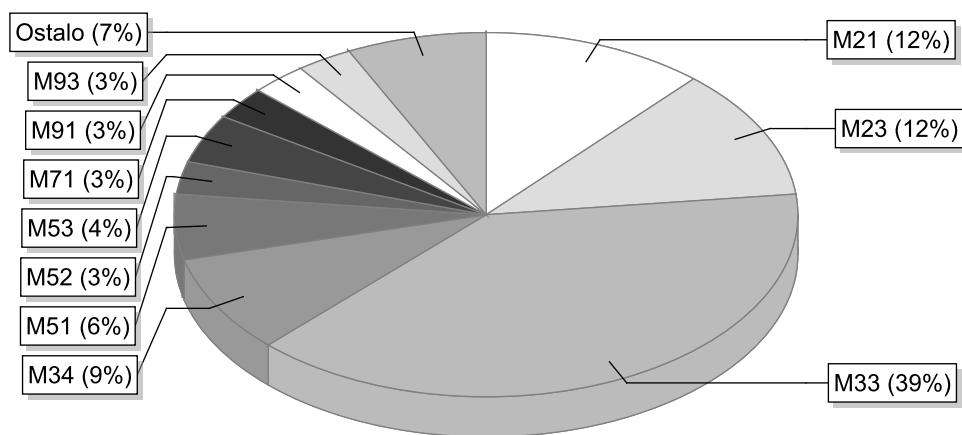


GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za arhitekturu i urbanizam

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u vrhunskom međunarodnom časopisu	M21	8
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u međunarodnom časopisu	M23	8
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	27
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	6
Uređivanje naučne monografije, tematskog zbornika, leksikografske ili kartografske publikacije nacionalnog značaja	M49	1
Rad u vodećem časopisu nacionalnog značaja	M51	4
Rad u časopisu nacionalnog značaja	M52	2
Rad u naučnom časopisu	M53	3
Odbranjena doktorska disertacija	M71	2
Kritička evaluacija podataka, baza podataka,	M86	1
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo na međunarodnom nivou	M91	2
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo	M92	1
Autorska izložba sa katalogom uz naučnu recenziju	M93	2



PRODUKCIJA - REZULTATI

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Atanacković-Jeličić J., Despotović J., Medić S., Grgić S.: Izvedeni enterijer prikazan na međunarodnoj izložbi sa katalogom i recenzijama: 2Good2BeTrue, na Međunarodnoj izložbi "Macrointeriors", 06.11-13.11.2015, Galerija centra za očuvanje ambijentalne celine Kula Gardoš, dvojezični katalog sa recenzijom, selekcionni odbor sa članovima iz 5 država, Beograd, 2015, UDK: COBISS.SR-ID 218747660
2. Atanacković-Jeličić J., Grgić S.: Izvedeni enterijer prikazan na međunarodnoj izložbi sa katalogom i recenzijama: Apartment 34/5, na Međunarodnoj izložbi "Macrointeriors", 06.11-13.11.2015, Galerija centra za očuvanje ambijentalne celine Kula Gardoš, dvojezični katalog sa recenzijom, selekcionni odbor sa članovima iz 5 država, Beograd, 2015, UDK: COBISS.SR-ID 218747660
3. Atanacković-Jeličić J., Kojić R., Grgić S., Baljak B.: Izvedeni enterijer prikazan na međunarodnoj izložbi sa katalogom i recenzijama: Enjoy the Ride, interior design, Novi Sad, 2014, Međunarodna izložba „Mreža“, Centralna zgrada Univerziteta u Novom Sadu, Novi Sad, 14-19. mart 2015. godine. Katalog izložbe na engleskom jeziku „Mreža“, strana 132, UDK: COBISS.SR-ID 295532807
4. Ecet D., Bajić D.: Izvedeni enterijer prikazan na međunarodnoj izložbi: "Caffe Boulevard", 2015, Međunarodna izložba „Macro Interiors“, Galerija centra za očuvanje ambijentalne celine Kula Gardoš, Beograd, 06-13. novembra 2015. godine. Katalog izložbe na engleskom i srpskom jeziku, "MACRO Interiors: exhibition catalogue", ukupno strana 61, UDK: COBISS.SR-ID 218747660
5. Ecet D.: Izvedeni enterijer prikazan na međunarodnoj izložbi: "Apartment", 2015, Međunarodna izložba „Macro Interiors“, Galerija centra za očuvanje ambijentalne celine Kula Gardoš, Beograd, 06-13. novembra 2015. godine. Katalog izložbe na engleskom i srpskom jeziku, "MACRO Interiors: exhibition catalogue", ukupno strana 61, UDK: COBISS.SR-ID 218747660
6. Krklješ M., Milinković A., Brkljač D.: Izvedeni arhitektonski projekat prikazan na međunarodnoj izložbi sa katalogom i recenzijama: Elementi mobilijara UNS, na Međunarodnoj izložbi "Macrointeriors", 06.11-13.11.2015., Galerija centra za očuvanje ambijentalne celine Kula Gardoš, dvojezični katalog sa recenzijom, selekcionni odbor sa članovima iz 5 država, Beograd, 2015., UDK: COBISS.SR-ID 218747660
7. Sladić M., Todorov M., Miškeljin I.: Winery in Petrovaradin, izvedeni enterijer prikazan na međunarodnoj izložbi - International Architecture exhibition „Macro interiors“, Galerija Centra za očuvanje ambijentalne celine Kula Gardoš, Beograd; prikazano u „Macro interiors“ Akademska misao, Beograd; novembar 2015, str. 4-5, ISBN 978-86-7466-579-4;
8. Sladić M., Todorov M.: TP6 Apartment, izvedeni enterijer prikazan na međunarodnoj izložbi - International Architecture exhibition „Macro interiors“, Galerija Centra za očuvanje ambijentalne celine Kula Gardoš, Beograd; prikazano u „Macro interiors“ Akademska misao, Beograd; novembar 2015, str. 48-49, ISBN 978-86-7466-579-4;

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Vukajlov Lj.: The second prize in the category: Publications for Vukajlov, Lj.: Uvod u urbanizam, university textbook, on the 23rd International Urban Planners' Exhibition, Belgrade, 7-14 November 2014.

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Atanacković-Jeličić J., Grgić S., Kojić R.: Umetnički projekat "Onylite", prikazan na Međunarodnoj izložbi "Macrointeriors", 06.11-13.11.2015, Galerija centra za očuvanje ambijentalne celine Kula Gardoš, dvojezični katalog sa recenzijom, selekcionni odbor sa članovima iz 5 država, Beograd, 2015, UDK: COBISS.SR-ID 218747660
2. Atanacković-Jeličić J., Janjušević T., Todorov M.: Umetnički projekat "Your Olfactory Dream", prikazano na međunarodnoj izložbi "Mreža, arhitektura, mediji itehnologija", međunarodna izložba. Katalog na engleskom jeziku: Mreža, Novi Sad, Fakultet tehničkih nauka, 2015, str. 57-58 978-86-7892-692-1
3. Kojić R., Medić S.: Umetnički projekat "505 Audio Warehouse: Site Specific Reverberation Study vol. 01", prikazano na međunarodnoj izložbi "Mreža, arhitektura, mediji itehnologija", međunarodna izložba. Katalog na engleskom jeziku: Mreža, Novi Sad, Fakultet tehničkih nauka, 2015, str. 61-62. ISBN 978-86-7892-692-1
4. Konstantinović D.: Dinulović, R; Zeković, M; Konstantinović, D.: THE OTHER NOVI SAD, Factory – International Festival of Environmental Art, ИНЦЕЛ, Бањалука, Босна и Херцеговина, 2008. Изведено уметничко дело међународног значаја, <http://banjalukaforum.com/viewtopic.php?f=57&t=28820>
5. Miškeljin I., Miškeljin B., Radović M.: Umetnički projekat: "The Material Endless", 2015. izložen na "Mreža, arhitektura, mediji i tehnologija", međunarodna izložba. Katalog na engleskom jeziku: Mreža, Novi Sad, Fakultet tehničkih nauka, 2015, ISBN 978-86-7892-692-1

6. Nožinić R., Crevar N., Šolević T.: Umetnički projekat "Algoritam 505", prikazan na međunarodnoj izložbi "Mreža, arhitektura, mediji i tehnologija", međunarodna izložba. Katalog na engleskom jeziku: Mreža, Novi Sad, Fakultet tehničkih nauka, 2015, str. 59-60. ISBN 978-86-7892-692-1
7. Sladić M., Kurtović-Folić N.: "Authorities" (2015.), Umetnička instalacija međunarodnog značaja, prikazana na međunarodnoj izložbi "Mreža, arhitektura, mediji i tehnologija", 14-19. mart 2015. i objavljena u međunarodnoj publikaciji na engleskom jeziku: "Mreža", Novi Sad, Fakultet tehničkih nauka, 2015, str 65-66. ISBN: 978-86-7892-692-1
8. Vukajlov Lj.: Multicultural approach to exploring space

Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

1. Stanišić G., Kurtović-Folić N.: Methods for determination of revitalization potential of built heritage: Lessons learned on the city of Bern, Građevinski materijali i konstrukcije, 2015, Vol. 58, pp. 25-57, ISSN 0543-0798

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Brkljač D., Krklješ M., Milinković A., Škorić S.: City Interspaces - The Scenic Spaces of Passages in Novi Sad, 1. Radical Space In Between Disciplines, Novi Sad: SCEN – Centre for Scene Design, Architecture and Technology, Department of Architecture and Urban Planning, Faculty of Technical Sciences, University of Novi Sad, 21-23 Septembar, 2015, pp. 123-130, ISBN 978-86-7892-755-3
2. Brkljač D., Krklješ M., Milinković A.: Changes of Lifestyles and Meaning of Spaces in New Digital Age, 1. GOING DIGITAL: INNOVATIONS IN THE CONTEMPORARY LIFE, Beograd: SustainableUrban Society Association Strand, 4-5 Jun, 2015, pp. 167-172, ISBN 978-86-89111-08-8
3. Brkljač D., Milinković A., Hiel K., Đerić J.: Role of Building Morphology in Establishing of the Urban Context, 3. Savremena dostignuća u građevinarstvu, Subotica: University of Novi Sad and Faculty of civil engineering Subotica, 24-25 April, 2015, pp. 691-697, ISBN 978-86-80297-62-0
4. Carević M., Kostreš M.: Datascape – in between science, fiction and architecture, 1. Radical Space In Between Disciplines, Novi Sad: Department of Architecture and Urbanism, Faculty of Technical Sciences, Novi Sad, Serbia, 21-23 Septembar, 2015, pp. 155-161, ISBN 978-86-7892-755-3
5. Carević M., Kostreš M.: Mixed use as precondition for non-motorized modes, 5. Towards a humane city, Novi Sad: Faculty of Technical Sciences, Department for Traffic Engineering, 5-6 Novembar, 2015, pp. 227-234, ISBN 978-86-7892-739-3
6. Carević M.: Urbanity and mixed uses of contemporary cities, 7. iNDiS, Novi Sad: Faculty of Technical Sciences, Department of Civil Engineering and Geodesy, 25-27 Novembar, 2015, pp. 548-555, ISBN 978-86-7892-750
7. Hiel K., Đerić J., Brkljač D., Milinković A.: Urban Blocks of Residential High-Rise Buildings in Novi Sad, 13. iNDiS, Novi Sad: Department of Civil Engineering and Geodesy - Faculty of Technical Sciences Novi Sad, 25-27 Novembar, 2015, pp. 462-469, ISBN 978-86-7892-750-8
8. Konstantinović D., Zeković M.: Theorizing infinitesimal space, 1. Radical Space In Between Disciplines, Novi Sad: Faculty of Technical Sciences Department of Architecture and Urbanism, 21-23 Septembar, 2015, pp. 311-316, ISBN 978-86-7892-755-3
9. Krklješ M., Brkljač D., Škorić S., Milinković A.: Children's Spatial Perception - Design of Playgrounds, 13. iNDiS, Novi Sad: Department of Civil Engineering and Geodesy - Faculty of Technical Sciences, 25-27 Novembar, 2015, pp. 500-505, ISBN 978-86-7892-750-8
10. Krklješ M., Nedučin D.: Scenic spaces of post-socialist cities, 1. Radical Space In Between Disciplines, Novi Sad: Faculty of Technical Sciences, University of Novi Sad, 21-23 Septembar, 2015, pp. 81-88, ISBN 978-86-7892-755-3
11. Kurtović-Folić N., Živaljević-Luxor N.: THE DIALOGUE OF BUILT HERITAGE WITH ITSELF – AN ONGOING PROCESS, 3. Savremena dostignuća u građevinarstvu, Subotica: University of Novi Sad and Faculty of civil engineering Subotica, 24-25 April, 2015, pp. 653-662, ISBN 978-86-80297-62-0
12. Kurtović-Folić N., Živaljević-Luxor N.: Typomorphology - Discovering the Physical and Spatial Structure of the City - Squares of Novi Sad, 15. International Scientific Conference VSU' 2015, Sofija: University of Structural Engineers and Architecture "Luben Karavelov" and New Bulgarian University, 4-5 Jun, 2015, pp. 3-10, ISBN 1314-071X
13. Kurtović-Folić N.: Contribution of Architects to the Bridge Aesthetics, 16. 16th European Bridge Conference, Edinburgh: University of Edinburgh and ACI (American Concrete Institut), 23-25 Jun, 2015, pp. 1-11, ISBN 0-947664-78-4

14. Milinković A., Brkljač D., Vukajlov Lj.: Traffic Facilities as Elements of Identity of Novi Sad, 5. Towards a humane city, Novi Sad, 5-6 Novembar, 2015, pp. 141-146, ISBN 978-86-7892-739-3
15. Milinković A., Krklješ M., Brkljač D., Škorić S.: Image of the City as a Reflection of Advertising in a Consumer Society - A Case Study of Novi Sad, 1. REVISIONS OF MODERN AESTHETICS: INTERNATIONAL SCIENTIFIC CONFERENCE, Beograd: University of Belgrade – Faculty of Architecture and Society for Aesthetics of Architecture and Visual Arts Serbia (DEAVUS), 26-28 Jun, 2015, pp. 615-627, ISBN 978-86-7924-144-3
16. Milinković A., Krklješ M., Brkljač D.: Multifamily Residential Buildings as Urban Landmarks in Novi Sad, 3. Savremena dostignuća u građevinarstvu, Subotica: University of Novi Sad and Faculty of civil engineering Subotica, 24-25 April, 2015, pp. 675-682, ISBN 978-86-80297-62-0
17. Milinković A., Vukajlov Lj., Brkljač D.: Influence of Organization and Content of the Yard of Urban Block on the Socialization of Residents Case Study - The Liman Blocks In Novi Sad, 13. iNDiS, Novi Sad: Department of Civil Engineering and Geodesy - Faculty of Technical Sciences, 25-27 Novembar, 2015, pp. 532-538, ISBN 978-86-7892-750-8
18. Mirić A., Kurtović-Folić N.: Evaluation Method for Valorization of Historical Monuments - Qualities, 15. International Scientific Conference VSU' 2015, Sofija: University of Structural Engineers and Architecture "Luben Karavelov" and New Bulgarian University, 4-5 Jun, 2015, pp. 58-64, ISBN 1314-071X
19. Miškeljin I., Todorov M.: "Contemporary Architecture and its Role Between Physical and Virtual Spaces" , 1. Radical Space In Between Disciplines, Novi Sad: Departman za arhitekturu i urbanizam, Fakultet tehničkih nauka, 21-23 Septembar, 2015, pp. 199-204, ISBN 978-86-7892-755-3, UDK: COBISS.SR-ID 302423815
20. Momirov M.: Architecture as a stopover: place identity in time of contemporary nomadism and physical detachment, 1. Radical Space In Between Disciplines, Novi Sad: Departman za arhitekturu i urbanizam Fakulteta tehničkih nauka u Novom Sadu, 21-23 Septembar, 2015, pp. 253-241, ISBN ISBN 978-86-7892-755
21. Pešterac A., Dimitrovska D., Stojšić M.: The Aesthetics of Desolate Space, 1. REVISIONS OF MODERN AESTHETICS: INTERNATIONAL SCIENTIFIC CONFERENCE, Beograd: Univerzitet u Beogradu, Arhitektonski fakultet, 26-28 Jun, 2015, pp. 213-222, ISBN 978-86-7924-144-3
22. Reba D., Kostreš M.: Rithm of open urban spaces, 1. Radical Space In Between Disciplines, Novi Sad: Departman za arhitekturu i urbanizam, Fakultet tehničkih nauka, 21-23 Septembar, 2015, pp. 163-172, ISBN 978-86-7892-755-3
23. Sekulić M.: Application of roof gardens the defining image of the city, 1. International academic conference "Places and Technologies 2014: Keeping up with Technologies to Improve Places", Beograd: Univerisity of Belgrade - Faculty of Architecture, 3-4 April, 2014, pp. 613-620, ISBN 978-86-7924-114-6
24. Škorić S., Krklješ M.: Reclaim of the City's Bustling Public Life in Catholic Port Square, 13. iNDiS, Novi Sad: Department of Civil Engineering and Geodesy - Faculty of Technical Sciences Novi Sad, 25-27 Novembar, 2015, pp. 556-563, ISBN 978-86-7892-750-8
25. Škorić S., Krklješ M.: Revitalization Potential of Public Spaces in the Central Pedestrian Zone of Novi Sad, 3. Savremena dostignuća u građevinarstvu, Subotica: Faculty Of Civil Engineering Subotica, 24-25 April, 2015, pp. 697-703, ISBN 978-86-80297-62-0, UDK: 711.61(497.113Novi Sad)
26. Vukajlov Lj., Milinković A., Brkljač D.: Environmental conditions in frequent pedestrian streets in centre of Novi Sad, 3. Savremena dostignuća u građevinarstvu, Subotica: University of Novi Sad and Faculty of civil engineering Subotica, 24-25 April, 2015, pp. 683-690, ISBN 978-86-80297-62-0
27. Žugić V., Zeković M., Konstantinović D.: Repositioning Strategies of Site-specificity: Extreme 1, 1. Radical Space In Between Disciplines, Novi Sad: Department of Architecture and Urbanism, Faculty of Technical Sciences, Novi Sad, Serbia, 21-23 Septembar, 2015, pp. 97-103, ISBN 978-86-7892-755-3

Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

1. Brkljač D., Milinković A., Đerić J., Hiel K.: Improving the Quality of Life by Arranging the Coastline of Novi Sad, 3. Network conference of Spa-ce.net, Ljubljana: University of Ljubljana, Biotechnical Faculty, 27-29 Septembar, 2015, pp. 28-29, ISBN 978-961-6379-30-4
2. Hiel K., Kurjakov A., Mladenović E., Čukanović J., Lakić (Gačić) A., Sekulić M.: Green networks of pedestrian-bicycle paths in Novi Sad, 3. Network conference of Spa-ce.net, Ljubljana: University of Ljubljana, Biotechnical Faculty, 27-29 Septembar, 2015, pp. 50-51, ISBN 978-961-6379-30-4
3. Momirov M.: Architecture as a stopover: place identity in time of contemporary nomadism and physical detachment, 1. Radical Space In Between Disciplines, Novi Sad: Departman za arhitekturu i urbanizam

Fakulteta tehničkih nauka u Novom Sadu, 21-23 Septembar, 2015, pp. 78-79, ISBN ISBN 978-86-7892-733

4. Pešterac A., Momirov M., Pilipović D.: Media In Architecture As Subversive Tool, 3. Strand conference, Beograd, 2-17 Decembar, 2015, pp. 26-26, ISBN Media In Architectur
5. Pešterac A.: Media In Architecture As Subversive Tool, 1. GOING DIGITAL: INNOVATIONS IN THE CONTEMPORARY LIFE, Beograd: STRAND, 4-5 Jun, 2015, pp. 6-6, ISBN 978-86-89111-07-01
6. Pešterac A.: The Influence of Desolate Space - Case study: Border Crossings, 1. Radical Space In Between Disciplines, Novi Sad: Departman za arhitekturu i urbanizam, FTN, 21-23 Septembar, 2015, pp. 80-81, ISBN 978-86-7892-733-1

Spisak rezultata M49 - Uređivanje naučne monografije, tematskog zbornika, leksikografske ili kartografske publikacije nacionalnog značaja

1. Despotović J., Medić S., Atanacković-Jeličić J.: 2X505XBg, Katalog autoske izložbe, Galerija "Đura Kojić", 20.april-4.maj 2015, Novi Sad, Departman za arhitekturu i urbanizam, Fakultet tehničkih nauka, 2015, ISBN 978-86-7892-701-0, UDK: COBISS.SR-ID 296401927

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

1. Konstantinović D.: Konstantinović D.:član autorskog tima Rekonstrukcija i dogradnja ekološkog centra Radulovački u Sremskim Karlovcima, autorski tim: Mr Lazar Kuzmanov, mr Dragana Konstantinović, Nemanja Miličić, Mliljan Cvijetić; prikazano na 35. Salonu arhitekture "Još uvek imamo arhitekturu", Beograd
2. Pešterac A., Momirov M., Jević M.: Programske i začenjske transformacije i analiza domova kulture kroz uticaj kulturalnog konteksta , Arhitektura i urbanizam, 2015, No 41, pp. 7-14, ISSN 0354-6055, UDK: 316.734(497.11)"1950/..."
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4. Tufegdžić A., Roter Blagojević M.: Golden Era of Lager Breweries in the Southern Austro-Hungarian Empire, Industrial archaeology review, 2015, Vol. 37, No 1, pp. 33-47, ISSN 0309-0728

Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Silađi M.: A bánsági falvak kutatása a modern vívmányok segítségével, Letunk, Forum, Novi Sad, 2015, Vol. 45, No 4, pp. 15-19
2. Vukajlov Lj., Milinković A., Brkljač D.: „Mreža: struktura i život naselja“,

Spisak rezultata M53 - Rad u naučnom časopisu

1. Silađi M., Tufegdžić A.: Nasleđe braće Bon - ciglana u Žombolju, Glasnik društva konzervatora Srbije, 2015, No 39, pp. 150-153, ISSN 0350-9656
2. Tufegdžić A., Silađi M.: Registar industrijskog i tehničkog nasleđa - područje Vojvodine, Glasnik društva konzervatora Srbije, 2015, No 39, pp. 17-19, ISSN 0350-9656
3. Vukajlov Lj.: Изложба УРАМ 1997-2010, DaNS-časopis za arhitekturu i urbanizam, 2015, ISSN 0351-9775

Spisak rezultata M71 - Odbranjena doktorska disertacija

1. Silađi M.: Transformacija javnih prostora banatskih sela u Vojvodini od XVIII do XXI veka, Novi Sad, Autorski reprint, 2015, str. 1-359
2. Sladić M.: Nastanak i transformacija upravnih zgrada građenih od 1790. do 1941. godine na teritoriji Vojvodine, Novi Sad, Fakultet tehničkih nauka Univerziteta u Novom Sadu, 2015

Spisak rezultata M86 - Kritička evaluacija podataka, baza podataka,

1. Dinulović R., Konstantinović D., Zeković M., Momirov M., Pešterac A., Pilipović D.: Atlas Domova kulture, baza podataka, 2015

Spisak rezultata M91 - Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo na međunarodnom nivou

1. Nedeljković D.: Scenografija za predstavu NORA! Elfride Jelinek, u režiji Snežane Trišić, Jugoslovensko dramsko pozorište, Beograd, premijera 05. decembar 2015. , Beograd, 2015
2. Nedeljković D.: Sterijina nagrada za najbolje scenografsko ostvarenje za predstavu "Kazimir i Karolina" Edena fon Horvata, na 60. Sterijinom pozorju 2015. Novi Sad, 2015

Spisak rezultata M92 - Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo

1. Nedeljković D.: Nagrada Ardalion za najbolju scenografiju za predstavu "Kazimir i Karolina" Ateljea 212 iz

Beograda, na 20. Jugoslovenskom pozorišnom festivalu u Užicu -FESTIVAL BEZ PREVODA, 2015., 2015

Spisak rezultata M93 - Autorska izložba sa katalogom uz naučnu recenziju

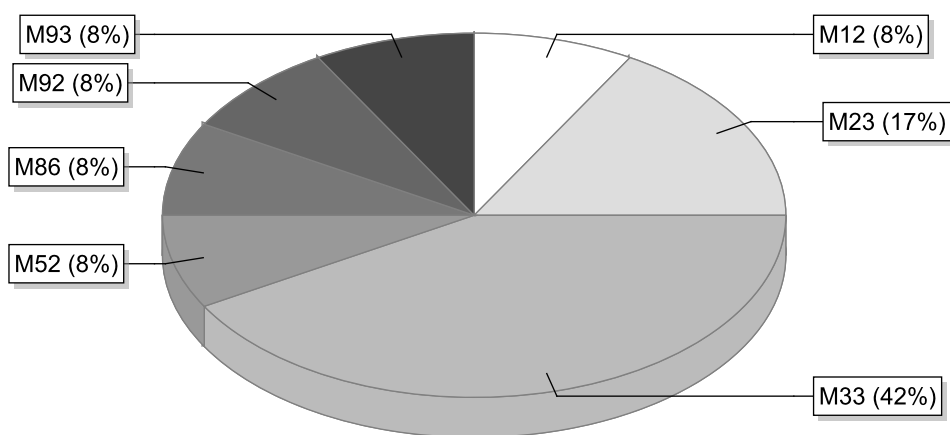
1. Despotović J., Ecet D., Grgić S., Atanacković-Jeličić J., Maraš I., Medić S., Metikoš D., Radović M., Crevar N., Kojić R., Nožinić R., Šolević T., Todorov M., Miškeljin I., Tkačenko S.: 2X505XBG, Autorska izložba tima Kabinet505 + Saša Tkačenko, Galerija "Đura Kojić", 20.april - 4. maj 2015, recenzija: dr Milena Krklješ, Novi Sad, Departman za arhitekturu i urbanizam, Fakultet tehničkih nauka, 2015, ISBN 978-86-7892-701-0, UDK: COBISS.SR-ID 296401927
2. Silađi M., Tufegdžić A.: Banatska mala pruga/Bánáti kisvsút/Narrow railway of Banat, Novi Sad, Fakultet tehničkih nauka, 2015, str. 1-100, ISBN 978-86-7892-752-2

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za umetnost primenjenu na arhitekturu, tehniku i dizajn

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografija međunarodnog značaja	M12	1
Rad u međunarodnom časopisu	M23	2
Saopštenje sa međunarodnog skupa štampano u celini	M33	5
Rad u časopisu nacionalnog značaja	M52	1
Kritička evaluacija podataka, baza podataka,	M86	1
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo	M92	1
Autorska izložba sa katalogom uz naučnu recenziju	M93	1



PRODUKCIJA - REZULTATI

Spisak rezultata M12 - Monografija međunarodnog značaja

1. Dimitrovska D.: Prague Quadrennial of Performance Design and Space 2015, Arts and Theatre Institute, Prag, Češka Republika, 2015., Prague, 2015, str. 257-263, ISBN 978-80-7008-350-5,

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Dadić Dinulović T.: Član međunarodnog žirija Jugoslovenskog pozorišnog festivala "Bez prevoda", Užice (Prema pravilniku o bližim uslovima za izbor u zvanje nastavnika Univerziteta u Novom Sadu), 18-24. novembar 2015, Nardono pozorište Užice. Objavljeno u programu "No pasaran?"
2. Dimitrovska D.: Process: Serbia at the Prague Quadrennial of Performance Design and Space 2015, MPU i SCen, Beograd/Novi Sad, 2015.

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Konstantinović D., Zeković M.: Theorizing infinitesimal space, 1. Radical Space In Between Disciplines, Novi Sad: Faculty of Technical Sciences Department of Architecture and Urbanism, 21-23 Septembar, 2015, pp. 311-316, ISBN 978-86-7892-755-3
2. Milićević S.: Empty space in between physics and metaphysics, 1. Radical Space In Between Disciplines, Novi Sad: Departman za arhitekturu i urbanizam Fakulteta tehničkih nauka u Novom Sadu, 21-23 Septembar, 2015, pp. 301-310, ISBN 978-86-7892-755-3
3. Pešterac A., Dimitrovska D., Stojšić M.: The Aesthetics of Desolate Space, 1. REVISIONS OF MODERN AESTHETICS: INTERNATIONAL SCIENTIFIC CONFERENCE, Beograd: Univerzitet u Beogradu, Arhitektonski fakultet, 26-28 Jun, 2015, pp. 213-222, ISBN 978-86-7924-144-3
4. Žugić V., Mitrović J.: Weaving of the Magic and the Real: Notion of Place in the Magical Realist Novel, 1. Radical Space In Between Disciplines, Novi Sad: Department of Architecture and Urbanism, Faculty of Technical Sciences, Novi Sad, Serbia, 21-23 Septembar, 2015, pp. 25-31, ISBN 978-86-7892-755-3
5. Žugić V., Zeković M., Konstantinović D.: Repositioning Strategies of Site-specificity: Extreme 1, 1. Radical Space In Between Disciplines, Novi Sad: Department of Architecture and Urbanism, Faculty of Technical Sciences, Novi Sad, Serbia, 21-23 Septembar, 2015, pp. 97-103, ISBN 978-86-7892-755-3

Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Dadić Dinulović T., David M.: Proces: Srbija na Praškom kvadrijenalu scenskog dizajna i scenskog prostora 2015., Zbornik Muzeja primenjenih umetnosti u Beogradu, 2015, No 11/2015, pp. 76-78, ISSN 0522-8328, UDK: 792.021(049.32) 792.021(493.311)"2015"(049.32)

Spisak rezultata M86 - Kritička evaluacija podataka, baza podataka,

1. Dinulović R., Konstantinović D., Zeković M., Momirov M., Pešterac A., Pilipović D.: Atlas Domova kulture, baza podataka, 2015

Spisak rezultata M92 - Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo

1. Dimitrovska D.: Scenografija za predstavu: Lav Nikolajevič Tolstoj, Smrt Ivana Ilijiča, Srpsko narodno pozorište, Novi Sad, Novi Sad, 2015

Spisak rezultata M93 - Autorska izložba sa katalogom uz naučnu recenziju

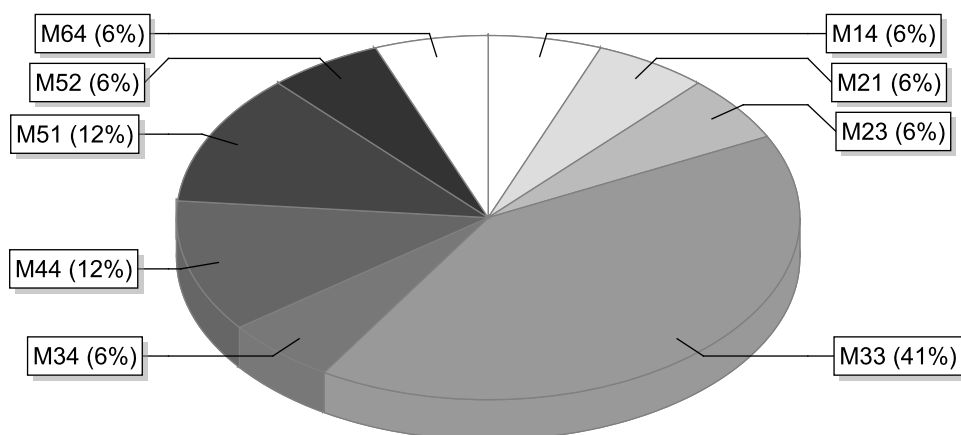
1. Subotin Nikolić M.: Pančevo, Istorijski arhiv, PETI BIJENALE CRTEŽA SRBIJE 2015, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za teorije i interpretacije prostora u arhitekturi i urbanizmu

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	1
Rad u vrhunskom međunarodnom časopisu	M21	1
Rad u međunarodnom časopisu	M23	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	7
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	1
Poglavlje u knjizi M41 ili rad u istaknutom tematskom zborniku vodećeg nacionalnog značaja	M44	2
Rad u vodećem časopisu nacionalnog značaja	M51	2
Rad u časopisu nacionalnog značaja	M52	1
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	1



PRODUKCIJA - REZULTATI

Spisak rezultata M14 - Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja

1. Stojaković V., Remondino F.: Development of Online Geodata Portal of Cultural Heritage in Novi Sad, Beograd, Association of Italian and Serbian scientists and researches, 2015, str. 67-70, ISBN 978-86-7522-043-5

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Bajšanski I., Milošević D., Savić S.: Evaluation and improvement of outdoor thermal comfort in urban areas on extreme temperature days: Applications of automatic algorithms, Building and Environment, 2015, No 94, pp. 632-643, ISSN 0360-1323

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Tepavčević B., Mandić M.: Analysis of shape grammar application as a tool for urban design, Environment and Planning B, 2015, Vol. 42, No 4, pp. 675-687, ISSN 0265-8135

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Brkljač D., Milinković A., Hiel K., Đerić J.: Role of Building Morphology in Establishing of the Urban Context, 3. Savremena dostignuća u građevinarstvu, Subotica: University of Novi Sad and Faculty of civil engineering Subotica, 24-25 April, 2015, pp. 691-697, ISBN 978-86-80297-62-0
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3. Krklješ M., Nedučin D.: Scenic spaces of post-socialist cities, 1. Radical Space In Between Disciplines, Novi Sad: Faculty of Technical Sciences, University of Novi Sad, 21-23 Septembar, 2015, pp. 81-88, ISBN 978-86-7892-755-3
4. Obradović R., Vujanović M., Popkonstantinović B., Ivetić D., Šiđanin P.: Study program Computer Graphics - Engineering Animation and their relation with modern Serbian CG Industry, 1. WBCInno International conference, Novi Sad, 18 Septembar, 2015, pp. 54-57
5. Perišić A., Lazić M., Perišić B.: The Foundation for Cooperative Services in Engineering Buildings - The Common Ontology for Architectural and Urban Data Repository Modeling, 10. Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics, Timisoara, 21-23 Maj, 2015, pp. 423-427
6. Perišić A., Lazić M., Perišić B.: The Foundation of Architectural, Urban and Construction Engineering Information System, 13. Infoteh-Jahorina, Jahorina: Istočno Sarajevo : Elektrotehnički fakultet, 18-20 Mart, 2015, pp. 469-474, ISBN 978-99955-763-6-3
7. Tepavčević B., Raković M., Jovanović M., Mitov D.: Designing Cost-Efficient, Digitally Fabricated Structures - Issues and Challenges, 3. Strand conference, Beograd: STRAND Sustainable Urban Society Association, 2-17 Decembar, 2015, pp. 147-155

Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

1. Brkljač D., Milinković A., Đerić J., Hiel K.: Improving the Quality of Life by Arranging the Coastline of Novi Sad, 3. Network conference of Spa-ce.net, Ljubljana: University of Ljubljana, Biotechnical Faculty, 27-29 Septembar, 2015, pp. 28-29, ISBN 978-961-6379-30-4

Spisak rezultata M44 - Poglavlje u knjizi M41 ili rad u istaknutom tematskom zborniku vodećeg nacionalnog značaja

1. Bajšanski I., Stojaković V., Šiđanin P.: Prikaz uticaja klimatskih faktora na geometrijske forme urbanih blokova kroz dinamičke simulacije, Novi Sad, Departman za arhitekturu i urbanizam, Fakultet tehničkih nauka, 2015, str. 47-67, ISBN 978-86-7892-661-7
2. Jovanović M.: Fenomen arhitektonske vizuelizacije u arhitektonskoj praksi današnjice, Novi Sad, Departman za arhitekturu i urbanizam, 2015, str. 129-144, ISBN 978-86-7892-661-7

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

1. Lazić M., Perišić A., Šiđanin P.: Theoretical Framework of Computer Cognition for Use in Urban Design Process, South East European Journal of Architecture and Design, 2015, Vol. 1, No 2015, pp. 1-6, ISSN 1857-9353
2. Šećerov I., Savić S., Milošević D., Marković V., Bajšanski I.: Development of an automated urban climate monitoring system in Novi Sad (Serbia), Geographica Pannonica, 2015, Vol. 19, No 4, pp. 174-183, ISSN 0354-8724

Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Nikolić D., Dulić O.: Улога и значај Соколског дома у развоју Новог Сада, Zbornik radova građevinskog fakulteta, 2015, Vol. 27, pp. 155-170, ISSN 0352-6852, UDK: 725.8(497.113 NOVI SAD)

Spisak rezultata M64 - Saopštenje sa skupa nacionalnog značaja štampano u izvodu

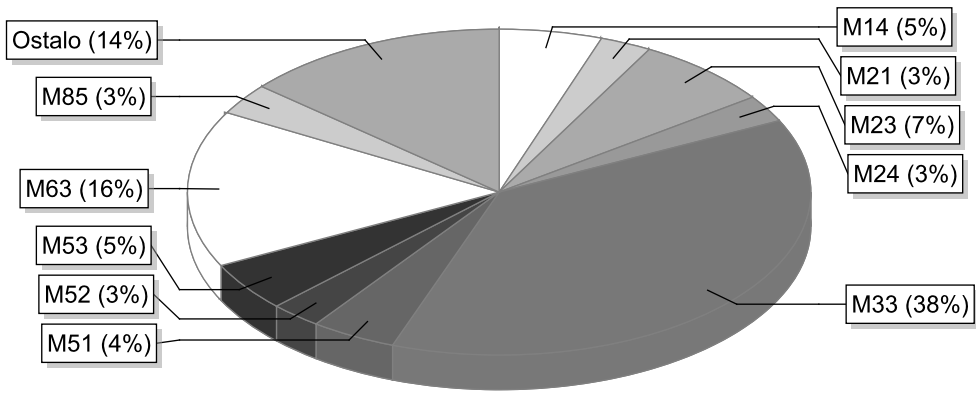
1. Korolija-Crkvenjakov D., Santoši Ž., Budak I., Sladoje N., Stojaković V.: 3D DIGITIZATION AS A TOOL IN THE CONSERVATION AND RECREATION OF CULTURAL HERITAGE: A case study of the iconostasis of a destroyed Serbian Orthodox church in Buda, 13. Digitalizacija kulturne baštine i digitalna humanistika, Beograd: Matematički fakultet , Univerzitet u Beogradu, 10-11 Septembar, 2015, pp. 5-5, ISBN 978-86-7589-103-1

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Departman za industrijsko inženjerstvo i menadžment

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	2
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	12
Rad u vrhunskom međunarodnom časopisu	M21	6
Rad u istaknutom međunarodnom časopisu	M22	2
Rad u međunarodnom časopisu	M23	16
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	6
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	3
Predavanje po pozivu sa međunarodnog skupa štampano u izvodu	M32	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	85
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	4
Autorizovana diskusija sa međunarodnog skupa	M35	1
Istaknuta monografija nacionalnog značaja	M41	1
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	5
Monografska bibliografska publikacija	M43	1
Poglavlje u knjizi M42 ili rad u tematskom zborniku nacionalnog značaja	M45	2
Rad u vodećem časopisu nacionalnog značaja	M51	10
Rad u časopisu nacionalnog značaja	M52	6
Rad u naučnom časopisu	M53	11
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	35
Odbranjena doktorska disertacija	M71	3
Novo laboratorijsko postrojenje, novo eksperimentalno postrojenje, novi tehnološki postupak	M83	1
Bitno poboljšan postojeći proizvod ili tehnologija	M84	4
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	7
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo	M92	1

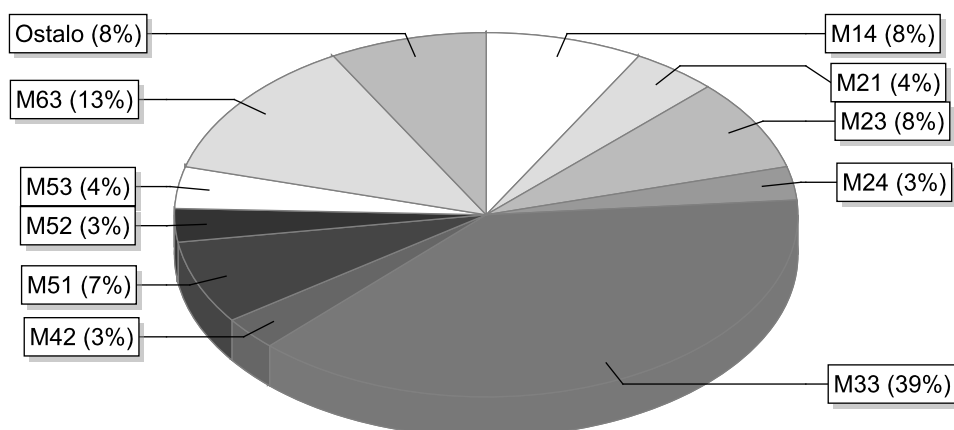


GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za proizvodne sisteme, organizaciju i menadžment

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	1
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	11
Rad u vrhunskom međunarodnom časopisu	M21	6
Rad u istaknutom međunarodnom časopisu	M22	1
Rad u međunarodnom časopisu	M23	11
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	4
Saopštenje sa međunarodnog skupa štampano u celini	M33	52
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	1
Autorizovana diskusija sa međunarodnog skupa	M35	1
Istaknuta monografija nacionalnog značaja	M41	1
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	4
Monografska bibliografska publikacija	M43	1
Poglavlje u knjizi M42 ili rad u tematskom zborniku nacionalnog značaja	M45	2
Rad u vodećem časopisu nacionalnog značaja	M51	10
Rad u časopisu nacionalnog značaja	M52	4
Rad u naučnom časopisu	M53	5
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	17
Odbranjena doktorska disertacija	M71	1
Novo laboratorijsko postrojenje, novo eksperimentalno postrojenje, novi tehnološki postupak	M83	1
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	1



PRODUKCIJA - REZULTATI

Spisak rezultata M13 - Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja

1. Pečujlija M.: Advances in Psychology Research, Editors: Alexandra M. Columbus Corruption: Real Roles?, New York, Nova Science Publishers, Inc., 2015, ISBN 978-1-63482-629-7

Spisak rezultata M14 - Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja

1. Bondžić (Simić) J., Novaković T., Tucakov J., Čosić Đ., Šagovnović D.: Disaster risk reduction regarding people with disabilities – institutional mechanisms, Novi Sad, UNIVERSITY OF NOVI SAD, FACULTY OF TECHNICAL SCIENCES, 2015, str. 262-275, ISBN 978-86-7892-765
2. Duđak Lj., Jokanović B.: Institutional framework of the knowledge society, University of Novi Sad, Faculty of technical sciences, Novi Sad, 2015
3. Ivanišević A., Leber M., Buchmeister B.: Impact of Knowledge on Innovation Process, Chapter 21, Beč, by DAAM International, Vienna, Austria DAAAM INTERNATIONAL SCIENTIFIC BOOK 2015, 2015, str. 235-248, ISBN 978-3-902734-05-1
4. Katić (Drezgić) I.: Professional Practices - Linking Academic and Business Communities, Novi Sad, INSTITUTIONAL ASSUMPTIONS ABOUT SOCIO-ECONOMIC DYNAMICS IN EAST AND CENTRAL EUROPE, 2015, Novi Sad, Univerzitet u Novom Sadu, Fakultet tehnickih nauka, 2015, str. 217-228, ISBN 978-86-7892-765-2
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7. Marić B., Kamberović B., Ivanišević A., Radlovački V.: Exploring Investment Potential Parameters Of The Economy Of Vojvodina In Transition Conditions, With Emphasis On Inequality in Socio-economic forms of inequality, PROCEEDINGS, ed. Alpar Lošonc, Andrea Ivanišević, Novi Sad, Univerzitet u Novom Sadu, Fakultet tehnickih nauka, 2015, ISBN 978-86-7892-664-8, UDK: 316.342.6(082)
8. Mitrović S., Melovic B., Milisavljević S., Kljajic Lj.: Harmonization of institutional knowledge and labor market demands/Institutional assumptions about socio-economic dynamics in east and central Europe, Novi Sad, Faculty of Technical Sciences, Novi Sad, 2015, str. 205-217, ISBN 978-86-7892-765-2
9. Penezić N., Ješić J., Katić (Drezgić) I., Ivanišević A., Leber M.: The neoinstitutional perspective of the equadruple helix model of socio-economic development in the republic of Serbia, Novi Sad, INSTITUTIONAL ASSUMPTIONS ABOUT SOCIO-ECONOMIC DYNAMICS IN EAST AND CENTRAL EUROPE, 2015, str. 277-247, ISBN 978-86-7892-765-2
10. Perić M., Lošonc (Losoncz) A., Ivanišević A.: Policy Failure of the Monetary Union: How Inadequate Responses from the European Institutions Led to Macroeconomic Disbalances and Crisis, Novi Sad, Fakultet tehnickih nauka, 2015, str. 312-323, ISBN 978-86-7892-765-2
11. Stanković J., Miković I., Nikolić S.: The role of digital marketing in a promotion of higher education institutions: Cause or consequence of socio-economic dynamics?, Novi Sad, Faculty of Technical Sciences, University of Novi Sad, Serbia, 2015, str. 173-187, ISBN 978-86-7892-765-2

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Pečujlija M., Čosić I., Grubić-Nešić L.: Corruption: Engineers are Victims, Perpetrators or Both? DOI 10.1007/s11948-014-9569-1, Science and Engineering Ethics, 2015, ISSN 1353-3452
2. Pečujlija M., Mišić-Pavkov G.: Personality and Blood Types Revisited: Case of Morality DOI 10.1007/s12152-014-9220-5, Neuroethics, 2015, ISSN 1874-5490
3. Radovanović D., Hogan B., Lalić D.: Overcoming digital divides in higher education: Digital literacy beyond Facebook, New Media and Society, 2015, Vol. 17, No 10, pp. 1733-1749, ISSN 1461-4448
4. Rikalović A., Čosić I., Donida Labati R., Piuri V.: A Comprehensive Method for Industrial Site Selection: The Macro-Location Analysis, IEEE Systems Journal, 2015, Vol. 99, ISSN 1932-8184, UDK: 10.1109/JSYST.2015.2444471
5. Tepić J., Đelošević M., Tanackov I., Lalić B.: Experimental - theoretical analysis of local stresses in box

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Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Vujičić D., Jovičić A., Lalić D., Gagić S., Cvejanov A.: The relation between job insecurity, job satisfaction and organizational commitment among employees in the tourism sector in Novi Sad, *Economic and Industrial Democracy*, 2015, pp. 633-652, ISSN 0143-831X

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1. Dejanović A., Nikolić S., Stanković J.: Integral Model of Strategic Management: Identification of Potential Synergies, *Acta Polytechnica Hungarica*, 2015, No Vol. 12, No. 8, pp. 115-133, ISSN 1785-8860
2. Demko-Rihter J., ter Halle I.: Revival of high street retailing - The added value of shopping apps, *Amfiteatru Economic*, 2015, Vol. 17, No 39, pp. 632-645, ISSN 1582-5146
3. Đaković V., Mladenović I., Anđelić G.: An empirical examination of investment risk management models for Serbia, Hungary, Croatia and Slovenia, *Acta Polytechnica Hungarica*, 2015, Vol. 12, No 4, pp. 201-220, ISSN 1785-8860
4. Filipović M., Bunčić S.: Global Economic Governance: A New Regime Through Soft Law? *ULUSLARARASI ILISKILER*
5. Grubić-Nešić L., Matić D., Mitrović S.: The influence of demographic and organizational factors on knowledge sharing among employees in organizations, *Tehnicki Vjesnik = Technical Gazette*, 2015, Vol. 22, No 4, pp. 1005-1010, ISSN 1330-3651, UDK: 10.17559/TV-20141216213746
6. Katić A., Kiš T., Čosić I., Vukadinović (Vučenov S., Dobrodolac Šeregelj T.: Modelling the Composite Competitiveness Index of the Knowledge-based Society, *Acta Polytechnica Hungarica*, 2015, Vol. 12, No 1, pp. 229-249, ISSN 1785-8860
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Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

1. Bengin S., Ratković Njegovan B.: Formalne i neformalne karakteristike poslovne komunikacije imejlom., *Zbornik Matice srpske za društvene nauke*, 2015, No 151, pp. 319-332, ISSN 0352-5732
2. Lošonc (Losoncz) A., Ivanišević A., Perić M.: Is Development Network State Possible in Eastern and Central Europe?
3. Melovic B., Mitrović S., Arton D., Nikolai V.: Logistics in the Function of Customer Service – Relevance for the Engineering Management, *Procedia Engineering*, 2015, Vol. 117, pp. 807-812, ISSN 1877-7058
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Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Anđelić G., Đaković V., Ralević N., Kiurski J.: Efficient Management in Environmental Protection, 21. Symposium on Analytical and Environmental Problems, Szeged: SZAB, Szeged, Hungary, 28 Septembar, 2015, pp. 217-220, ISBN 978-963-306-411-5
2. Anišić Z., Fuerstner I., Nađ A., Sremčev N.: Increasing Innovation Potential of SMEs through Coworking and Crowdsourcing with Students, 8. International Conference for Entrepreneurship, Innovation and Regional

Development ICEIRD, Sheffield: The University of Sheffield, 18-19 Jun, 2015, pp. 737-746, ISBN 978-0-9932801-0-8, UDK: ISSN 2411-5320

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4. Ašković N., Borocki J., Radišić M.: SME support modalities - examples from selected Southeast European countries, 8. International Conference for Entrepreneurship, Innovation and Regional Development ICEIRD, Sheffield: The University of Sheffield, 18-19 Jun, 2015, pp. 685-697, ISBN 978-0-9932801-0-8
5. Bondžić (Simić) J., Medić N., Novaković T., Popović Lj., Čosić Đ.: Aspects of Petrol Station Accident Modeling, 7. iNDiS, Novi Sad: Departman za Građevinarstvo i Geodeziju, Fakultet tehničkih nauka Novi Sad, 25-27 Novembar, 2015, pp. 639-646, ISBN 978-86-7892-749-2
6. Čelić Đ., Stanković J., Nikolić S.: Development of Business Incubators in Serbia aimed at Entrepreneurship Empowerment: Past, Present and Future, 8. International Conference for Entrepreneurship, Innovation and Regional Development ICEIRD, Sheffield, 18-19 Jun, 2015, pp. 480-488, ISBN 978-0-9932801-0-8
7. Dragan D., Mihić S., Anišić Z., Luković I.: Role of background subtraction in creating human body point clouds from photos, 6. International Conference and Exhibition on 3D Body Scanning Technologies, Lugano, 27-28 Oktobar, 2015, pp. 210-217, ISBN 978-3-033-05270-3
8. Grubić-Nešić L., Duđak Lj.: Metodološke preporuke za primenu digitalnih medija u cilju poboljšanja nastavnog procesa, 1. Conference The bridges of Media education, Mostovi medijskog obrazovanja VII, Novi Sad: Filozofski fakultet, 22 Maj, 2015
9. Grubić-Nešić L., Matić D., Milić B.: Uticaj stila liderstva na kreativnost i inovativnost zaposlenih, Proceedings of the 4th International Scientific and Expert Conference - KOR 2015, 7-8 October 2015, Novi Sad, Serbia, In press., 4. Konkurentnost i održivi razvoj- KOR 2015, Novi Sad, 7-8 Oktobar, 2015
10. Grubić-Nešić L., Mitrović S., Ivanković V.: Role of human capital in engineering, 6. International Symposium on Industrial Engineering (SIE), Beograd: Faculty of Mechanical Engineering, 24-25 Septembar, 2015, pp. 226-230, ISBN 978-86-7083-864-2
11. Ilić T., Bondžić (Simić) J., Sremački M., Čosić Đ.: Modelling Vulnerability to Hazards at the Campus of Novi Sad, 9. Međunarodno savetovanje: Ocena stanja, održavanje i sanacije građevinskih objekata i naselja, Zlatibor: Savez građevinskih inženjera Srbije, 25-29 Maj, 2015, pp. 435-440, ISBN 978-86-88897-06-8
12. Ivanišević A., Marić B., Lošonc (Losoncz) A.: Conceptualization of Common Parameters Which are Required for Technical-Technological Analysis of Investments, 6. International Symposium on Industrial Engineering (SIE), Beograd: Faculty of Mechanical Engineering, Belgrade, 24-25 Septembar, 2015, pp. 200-203, ISBN 978-86-7083-864-2
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15. Kupusinac A., Stokić E., Katić A., Vasiljević M., Stojić I., Vrbaški D.: Prediction of the HDL Cholesterol Level by Using Artificial Neural Networks, 5. International Conference Industrial Engineering and Environmental Protection - IIZS, Zrenjanin: University of Novi Sad, Technical faculty "Mihajlo Pupin", Zrenjanin, 15-16 Oktobar, 2015, pp. 310-314, ISBN 978-86-7672-259-4
16. Lazarević Đ., Šormaz D., Čosić I.: Group Technology Method for Optimal Production System Layout, IFAC Engineering Applications of Artificial Intelligence, 2015, ISSN 0952-1976, 15. IFAC Symposium on Information Control in Manufacturing - INCOM, Ottawa, 11-13 Maj, 2015, ISBN 0952-1976
17. Lazarević M., Sremčev N., Ostojić G., Lazarević Đ.: LEAN Principals and RFID Usage for Improvement of Disassembly Efficiency, 6. International Symposium on Industrial Engineering (SIE), Beograd: Faculty of Mechanical Engineering, 24-25 Septembar, 2015, pp. 174-177, ISBN 978-86-7083-864-2
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 29. Medojević M., Petrović J., Medić N., Medojević M.: ISO 50001 as a Tool to Establish an Adequate Energy Management System, 6. International Symposium on Industrial Engineering (SIE), Beograd: Faculty of Mechanical Engineering, Belgrade, 24-25 Septembar, 2015, pp. 141-144, ISBN 978-86-7083-864-2
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Spisak rezultata M35 - Autorizovana diskusija sa međunarodnog skupa

1. Radišić M.: Educating ICT Leaders Today for Tomorrow, 5. The Brown Forum, Osijek: US Embassy in Croatia, 14-15 April, 2015

Spisak rezultata M41 - Istaknuta monografija nacionalnog značaja

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2. Dimić Ž., Ratković Njegovan B.: Srpska periodika u Sremskim Karlovcima od 1827. do 2014. godine., Novi Sad, Društvo novinara Vojvodine : Malo istorijsko društvo - Novi Sad, 2015, str. 1-179, ISBN 978-86-88967-02-0
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Spisak rezultata M43 - Monografska bibliografska publikacija

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Spisak rezultata M45 - Poglavlje u knjizi M42 ili rad u tematskom zborniku nacionalnog značaja

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1. Jeličić D., Bojanić R.: Implementation of the Balanced Scorecard as an Instrument of Strategic Controlling in the Brewing Industry, International Journal of Industrial Engineering and Management - IJEM, 2015, No 6-2015, pp. 191-198, ISSN 2217-2661
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2. Ratković Njegovan B., Bengin S.: Proces monitoringa medija u okruženju novih medijskih tehnologija. Godišnjak Fakulteta za kulturu i medije: Komunikacija, mediji i kultura.
3. Ratković Njegovan B., Njegovan D.: Negovanje i zaštita nematerijalne baštine u Srbiji i Republici Srpskoj., Krovovi, Sremski Karlovci, 2015, Vol. 85, No 85, pp. 96-103, ISSN 0353-6351
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1. Andrejević Panić A., Adžić J., Katić A.: Povećanje fleksibilnosti studiranja kao odgovor na promene u visokom obrazovanju, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, ISBN 978-7892-680-8
2. Anđelić G., Đaković V.: Realan rast kao uslov fiskalne konsolidacije, 6. Naučni skup Univerziteta Edukons, Sremska Kamenica: Univerzitet Edukons, Naučno-istraživački centar, 27-28 Maj, 2015, pp. 231-238, ISBN 978-86-87785-65-6, UDK: 338.1
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4. Duđak Lj., Jokanović B.: Celoživotno učenje u doba ekonomije znanja, 13. Međunarodna naučno-stručna konferencija "Na putu ka dobu znanja", Sremski Karlovci: Fakultet za menadžment, 25 Septembar, 2015, ISBN 987-86-6185-022-6
5. Kanjuh J., Tomić S., Lalić D.: Mehanizmi saradnje visoko obrazovnih institucija i privatnog sektora, 21. TREND - Trendovi razvoja, Zlatibor: Univerzitet u Novom Sadu, Fakultet tehničkih nauka, 23-26 Februar, 2015

6. Katić (Drezgić) I., Dinić B., Šovljanski S.: Zapošljivost i usavršavanje talentovanih diplomiranih studenata, 21. XXI Skup Trendovi razvoja: „Univerzitet u promenama...“, Zlatibor, 23-26 Februar, 2015
7. Katić (Drezgić) I.: Moc obrazovanja u razvoju liderskih kompetencija, 1. Regionalna naucnostrucna i biznis konferencija LIMEN, Beograd, 10 Decembar, 2015, pp. 235-241, ISBN 978-86-80194-02-8
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9. Lalić B., Marjanović U., Bogojević B., Tepić G., Žunić I.: Moodle ellab platforma na FTN-u: presek stanja, 21. TREND - Trendovi razvoja, Zlatibor: Fakultet tehničkih nauka, 23-26 Februar, 2015, pp. 19-23, ISBN 978-86-7892-680-8
10. Lalić B., Marjanović U., Delić M., Tasić N.: Istraživanje evropskih proizvodnih potencijala - Srbija 2015, 21. TREND - Trendovi razvoja, Zlatibor: Fakultet tehničkih nauka, 23-26 Februar, 2015, pp. 291-294, ISBN 978-86-7892-680-8
11. Mitrović S., Grubić-Nešić L.: Promene u obrazovnim programima kao preduslov razvoja, 21. TREND - Trendovi razvoja, Zlatibor: Univerzitet u Novom Sadu i Fakultet tehničkih nauka, 23-26 Februar, 2015, pp. 103-107, ISBN 978-86-7892-680-8
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14. Šenk I., Tarjan L., Horvat S., Lazarević M., Ostojić G.: Sledljivost medicinskih proizvoda primenom RFID tehnologije, 14. Međunarodni naučno-stručni simpozijum INFOTEH-JAHORINA, Jahorina: Elektrotehnički fakultet Istočno Sarajevo, Srpsko Sarajevo, Republika Srpska, 18-20 Mart, 2015, pp. 397-401, ISBN 978-99955-763-6-3
15. Šupić S., Laban M., Medić N., Draganić (Vukoslavčević S.): Analiza primenljivosti metodologije za procenu ugroženosti od elementarnih nepogoda, 7. iNDiS, Novi Sad: Fakultet tehničkih nauka, Departman za građevinarstvo i geodeziju, 25-27 Novembar, 2015, pp. 403-413, ISBN 978-86-7892-749-2
16. Tasić N., Maksimović R., Lalić B., Nikolić (Pavlović) J., Delić M.: Selecting Key Performance Indicators in Higher Education, 21. TREND - Trendovi razvoja, Zlatibor: Fakultet tehničkih nauka, 23-26 Februar, 2015, pp. 136-140, ISBN 978-86-7892-680-8
17. Tepić G., Tepić I., Simeunović N., Ćosić Đ., Tasić N., Sremac S.: Maintenance strategies based on risk in manipulating of dangerous substances, 12. Unapređenje sistema zaštite na radu, Tara, 7-10 Oktobar, 2015, pp. 187-193, ISBN 978-86-919221-0-8

Spisak rezultata M71 - Odbranjena doktorska disertacija

1. Marjanović U.: Razvoj modela sistema za kolaboraciju i njegov uticaj na organizacione performanse preduzeća, Novi Sad, Fakultet tehničkih nauka, Univerzitet u Novom Sadu, 2015

Spisak rezultata M83 - Novo laboratorijsko postrojenje, novo eksperimentalno postrojenje, novi tehnološki postupak

1. Sremac S., Tanackov I., Stojić G., Simić D., Tepić G.: Ekspertni model za određivanje količine nabavke, 2015

Spisak rezultata M85 - Prototip, nova metoda, softver, standardizovan ili atestiran instrument,

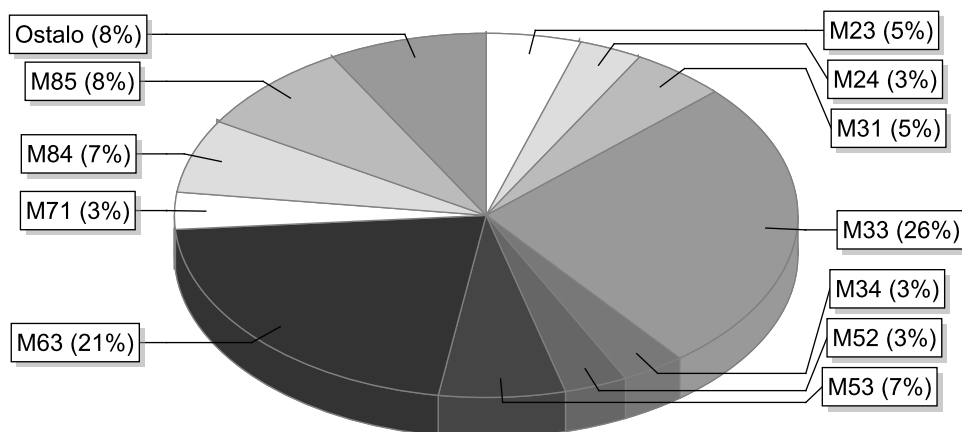
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GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za mehatroniku, robotiku i automatizaciju

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	1
Rad u međunarodnom časopisu	M23	3
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	2
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	3
Predavanje po pozivu sa međunarodnog skupa štampano u izvodu	M32	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	16
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	2
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	1
Monografska bibliografska publikacija	M43	1
Rad u časopisu nacionalnog značaja	M52	2
Rad u naučnom časopisu	M53	4
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	13
Obranjena doktorska disertacija	M71	2
Bitno poboljšan postojeći proizvod ili tehnologija	M84	4
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	5
Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo	M92	1



PRODUKCIJA - REZULTATI

Spisak rezultata M14 - Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja

1. Borovac B., Gnjatović M., Savić S., Raković M., Nikolić M.: Human-like Robot MARKO in the Rehabilitation of Children with Cerebral Palsy, New Trends in Medical and Service Robots, series Mechanisms and Machine Science, Springer International Publishing, 2015, str. 191-203, ISBN 978-3-319-23831-9

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Novaković M., Šešlija D., Čajetinac S., Todorović M.: Impact of Capturing Used Air on the Dynamics of Actuator Drive, Control Engineering and Applied Informatics, 2015, Vol. 17, No 2, pp. 82-89, ISSN 1454-8658
2. Ostojić G., Jovanović V., Kozak D., Ivandić Ž., Stankovski S.: Mechatronic Education at Faculty of Technical Sciences Novi Sad, Tehnicki vjesnik - Technical Gazette, 2015, Vol. 22, No 3, pp. 805-812, ISSN 1330-3651
3. Šenk I., Ostojić G., Jovanović V., Tarjan L., Stankovski S.: Experiences in developing labs for a supervisory control and data acquisition course for undergraduate mechatronics education, DOI:10.1002/cae.21578, Computer Applications in Engineering Education, 2015, Vol. 23, No 1, pp. 54-62, ISSN 1061-3773

Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

1. Novaković M., Šešlija D., Čajetinac S.: Modeling, simulation and energy efficiency determination of a pneumatic pressure amplifier, Facta Universitatis, Ser. Mechanics, Automatic Control and Robotics, 2015, Vol. 25, No 2, pp. 93-101
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Spisak rezultata M31 - Predavanje po pozivu sa međunarodnog skupa štampano u celini

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2. Raković M.: Pilot research on using the Motion Capture technology in Production of 2D/3D Educational Animation of Caesarean Section, 9. DICZFALUSY SYMPOSIUM ON REPRODUCTIVE HEALTH, Novi Sad, 15-17 Oktobar, 2015
3. Stankovski S., Ostojić G., Zhang X.: Influence of Industrial Internet of Things on Mechatronics, 3. MECHANICAL ENGINEERING IN XXI CENTURY, Niš: University of Niš, 17-18 Septembar, 2015, pp. 19-24, ISBN 978-86-6055-072-1

Spisak rezultata M32 - Predavanje po pozivu sa međunarodnog skupa štampano u izvodu

1. Borovac B., Nikolić M.: Prioritized Control of Humanoid Robot in Presence of Multiple Contacts, 5. International Congress of Serbian Society of Mechanics, Aranđelovac: Serbian Society of Mechanics and Faculty of Technical Sciences Novi Sad, 15-17 Jun, 2015, pp. 1-4, ISBN 978-86-7892-715-7

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Batinica A., Savić S., Nikolić M., Raković M., Borovac B.: Dual BLDC Motor Driver for Arm of Humanoid Robot MARKO, 3. Regional Conference - Mechatronics in Practice and Education (MECHEDU), Subotica, 14-16 Maj, 2015
2. Beg I., Tejić B., Baranovski I., Oros D., Ostojić G., Stankovski S.: Banking kiosk's stamping sub-system realization, 3. Regional Conference - Mechatronics in Practice and Education (MECHEDU), Subotica, 14-16 Maj, 2015, pp. 6-9
3. Đukić N., Tejić B., Tegeltija S., Stankovski S., Kukolj D., Ostojić G.: IMPLEMENTATION OF FIWARE IN INTERNET OF FIELDS, 7. International Scientific and Expert Conference - TEAM, Beograd: Faculty of mechanical Engineering Belgrade, 14-16 Oktobar, 2015, pp. 391-396
4. Lazarević M., Sremčev N., Ostojić G., Lazarević Đ.: LEAN Principals and RFID Usage for Improvement of Disassembly Efficiency, 6. International Symposium on Industrial Engineering (SIE), Beograd: Faculty of Mechanical Engineering, 24-25 Septembar, 2015, pp. 174-177, ISBN 978-86-7083-864-2
5. Nikolić M., Savić S., Borovac B., Raković M.: Task Prioritization Framework for Kinesthetic Teaching of a Free-standing Humanoid Robot, 13. IEEE International Symposium on Intelligent Systems and Informatics (SISY), Subotica: IEEE, 17-19 Septembar, 2015, pp. 241-246
6. Penčić M., Borovac B., Kovačević D.: FEM Modeling of the Multi-Segment Lumbar Spine for Humanoid Robots, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015, pp. 179-182

7. Reljić V., Milenković I., Šešlija D., Dudić S., Šulc J.: Development of Remote Controlled Pneumatic Spring, 12. International Scientific Conference "Flexible Technologies" - MMA, Andrievlje: Faculty of Technical Sciences, Novi Sad, 25-26 Septembar, 2015, pp. 195-198, ISBN 978-86-7892-722-5
8. Reljić V., Tarjan L., Stankovski S., Lazarević M., Ostojić G.: Food Product Shelf-Life Prediction, 6. International Symposium on Industrial Engineering (SIE), Beograd: Faculty of Mechanical Engineering, Belgrade, 24-25 Septembar, 2015, pp. 326-329, ISBN 978-86-7083-864-2
9. Savić S., Borovac B., Raković M., Nikolić M.: Dual Mode Impedance Controller for Safe Human-Robot Interaction, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015, pp. 80-83
10. Savić S., Nikolić M., Borovac B.: Assisted Kinesthetic Teaching for Highly Redundant Robot Using Task Prioritization Framework, 2. International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Srebrno jezero: Društvo za ETRAN, 8-11 Jun, 2015, pp. 1-6
11. Stankovski S., Ostojić G.: One View How to Boost Knowledge Transfer from University to Industry in Serbia, 1. WBCInno International conference, Novi Sad: University of Novi Sad, 18 Septembar, 2015, pp. 26-29, ISBN 978-86-499-0203-9
12. Šulc J., Šešlija D., Dudić S., Milenković I.: Implementation of Remote Laboratory for Measuring Linear Dimensions in the Process of e-Learning, 3. Experiment@International Conference, Azores, 2-4 Jun, 2015, pp. 65-66, ISBN 978-989-20-5753-8
13. Šulc J., Šešlija D., Srndaljčević V.: Influence of Pneumatic Cylinder Damping on Consumption of Compressed Air, 3. Regional Conference - Mechatronics in Practice and Education (MECHEDU), Subotica, 14-16 Maj, 2015
14. Tegeltija S., Lazarević M., Stankovski S., Ostojić G.: Implementing Augmented Reality in Disassembly Process, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket: Prince of Songkla University, Faculty of Engineering, 19-20 Jun, 2015, pp. 88-91
15. Tegeltija S., Tejić B., Đukić N., Ostojić G., Stankovski S.: System for assistance during evacuation process, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket: Prince of Songkla University, Faculty of Engineering, 19-20 Jun, 2015, pp. 167-170
16. Tepavčević B., Raković M., Jovanović M., Mitov D.: Designing Cost-Efficient, Digitally Fabricated Structures - Issues and Challenges, 3. Strand conference, Beograd: STRAND Sustainable Urban Society Association, 2-17 Decembar, 2015, pp. 147-155

Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

1. Grnjatović M., Mišković D.: Beyond Statistical Approaches to Context-Dependent Speech Recognition, 3. International Conference TAKTONS, Novi Sad: Fakultet Tehničkih Nauka, 18-21 Novembar, 2015, pp. 40-41, ISBN 978-86-7892-758-4
2. Ostojić G., Stankovski S., Trivunović S., Kučević D., Zhang X.: Implementation of Internet of things for animal identification, 7. Balkan conference on animal science balnimalcon, Sarajevo: University of Sarajevo, Faculty of Agriculture and Food Science, 3-6 Jun, 2015, pp. 45-45

Spisak rezultata M42 - Monografija nacionalnog značaja, monografsko izdanje građe,

1. Doroslovački R., Vilotić D., Katić V., Kovačević I., Šešlija D., Kolaković S., Konjović Z.: Uspešnost studiranja na Fakultetu tehničkih nauka u Novom Sadu, Novi Sad, Fakultet tehničkih nauka, Edicija Tehničke nauke - Monografije, 2015, ISBN 987-86-7892-764-5

Spisak rezultata M43 - Monografska bibliografska publikacija

1. Vidicki P., Ćosić I., Šešlija D.: Osnove industrijskog inženjerstva i menadžmenta sistemski prilaz, Novi Sad, Fakultet tehničkih nauka, 2015, ISBN 978-86-7892-760-7

Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Novaković M., Šešlija D., Čajetinac S.: Modeling, Simulation and Energy Efficiency Determination of a Pneumatic Pressure Amplifier, Facta universitatis - series: Automatic Control and Robotics, 2015, Vol. 14, No 1, pp. 55-65, ISSN 1820-6417
2. Ostojić G., Stankovski S., Tejić B., Đukić N., Tegeltija S.: Design, Control and Application of Quadcopter, International Journal of Industrial Engineering and Management - IJIEM, 2015, Vol. 6, No 1, pp. 43-48, ISSN 2217-2661

Spisak rezultata M53 - Rad u naučnom časopisu

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2. Elforjani M., Šešlija D.: Increasing energy efficiency of compressed air systems in Libyan cement industry, Zbornik radova Fakulteta tehničkih nauka, 2015, No 9/2015, pp. 1586-1589, ISSN 0350-428X, UDK: 658.52.011.56
3. Radinović S., Šešlija D., Milenković I.: Sprega vetrogeneratora i spremišta vazduha pod pritiskom iz aspekta analize životnog ciklusa, Zbornik radova Fakulteta tehničkih nauka, 2015, No 9/2015, pp. 1634-1637, ISSN 0350-428X, UDK: 502.131.1:621.548
4. Srndaljević V., Šulc J., Šešlija D.: Razvoj uređaja za ispitivanje energetske efikasnosti pneumatskih mlaznica, Zbornik radova Fakulteta tehničkih nauka, 2015, No 11/2015, pp. 2153-2156, ISSN 0350-428X, UDK: 621.8

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Beg I., Šenk I., Tarjan L., Ostojić G., Stankovski S.: Razvoj RFID oznake za obeležavanje prehrambenih proizvoda, 14. Međunarodni naučno-stručni simpozijum INFOTEH-JAHORINA, Jahorina: Elektrotehnički fakultet Istočno Sarajevo, Srpsko Sarajevo, Republika Srpska, 18-20 Mart, 2015, pp. 388-392, ISBN 978-99955-763-6-3
2. Bjeljac P., Zečević I., Nićin M., Stankovski J., Tegeltija S.: Arhitektura povezivanja bankarskih kioska na sistem platnog prometa Republike Srbije, 14. Međunarodni naučno-stručni simpozijum INFOTEH-JAHORINA, Jahorina: Elektrotehnički fakultet (Istočno Sarajevo), 18-20 Mart, 2015, pp. 654-657, ISBN 978-99955-763-6-3
3. Katić V., Čorba Z., Vilotić D., Šešlija D., Doroslovački R., Kolaković S., Kovačević I.: Edukacija iz obnovljivih izvora energije na Fakultetu tehničkih nauka, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 215-219, ISBN 978-86-7892-680-8
4. Katić V., Nikolić D., Kovačević I., Vilotić D., Doroslovački R., Kolaković S., Šešlija D.: Nastava na Fakultetu tehničkih nauka kroz brojke, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 191-195
5. Kolaković S., Doroslovački R., Katić V., Vilotić D., Šešlija D.: Upravljanje projektom i dinamika izgradnje naučno-tehnološkog parka UNS-FTN, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 1-6, ISBN 978-86-7892-680-8
6. Kovačević I., Doroslovački R., Vilotić D., Šešlija D., Katić V., Kolaković S., Zivlak V.: Neki predlozi izmena Zakona o visokom obrazovanju, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 32-36
7. Kovačević I., Doroslovački R., Vilotić D., Šešlija D., Katić V., Kolaković S.: Prolaznost studenata na ispitima i kvalitet stečenog znanja, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 148-151
8. Šenk I., Tarjan L., Horvat S., Lazarević M., Ostojić G.: Sledljivost medicinskih proizvoda primenom RFID tehnologije, 14. Međunarodni naučno-stručni simpozijum INFOTEH-JAHORINA, Jahorina: Elektrotehnički fakultet Istočno Sarajevo, Srpsko Sarajevo, Republika Srpska, 18-20 Mart, 2015, pp. 397-401, ISBN 978-99955-763-6-3
9. Šešlija D., Katić V., Doroslovački R., Vilotić D., Kolaković S., Kovačević I.: Pravci povišenja kvaliteta studija na inženjerskim studijskim programima, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 58-63
10. Šulc J., Šešlija D., Reljić V., Milenković I., Dudić S.: Razvoj i implementacija daljinskog upravljanja opruge u kursevima mehatroničkog i industrijskog inženjerstva, 59. ETRAN, Srebrno jezero: Etran, Društvo za ETRAN, Elektrotehnički fakultete, Beograd, 8-11 Jun, 2015, pp. 1-4, ISBN 978-86-80509-72-3
11. Tarjan L., Šenk I., Đukić N., Baranovski I., Stankovski S.: Upravljanje servopneumatskim linearnim aktuatorom zasnovano na FPGA, 14. Međunarodni naučno-stručni simpozijum INFOTEH-JAHORINA, Jahorina: Elektrotehnički fakultet Istočno Sarajevo, Srpsko Sarajevo, Republika Srpska, 18-20 Mart, 2015, pp. 827-831, ISBN 978-99955-763-6-3
12. Tegeltija S., Tejić B., Đukić N., Ostojić G., Stankovski S.: Određivanje putanje bespilotne letelice kao dela evakuacionog puta, 14. Međunarodni naučno-stručni simpozijum INFOTEH-JAHORINA, Jahorina: Elektrotehnički fakultet Istočno Sarajevo, Srpsko Sarajevo, Republika Srpska, 18-20 Mart, 2015, pp. 757-761, ISBN 978-99955-763-6-3
13. Vilotić D., Doroslovački R., Katić V., Kovačević I., Kolaković S., Šešlija D., Konjović Z.: Analiza dužine studiranja na osnovnim akademskim studijama na Fakultetu tehničkih nauka u Novom Sadu, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 127-136

Spisak rezultata M71 - Odbranjena doktorska disertacija

1. Nikolić M.: Modifikacija pokreta robota pri dvonožnom kretanju ili stajanju u prisustvu ograničenja ili poremećaja, Novi Sad, Fakultet Tehničkih Nauka, 2015, str. 1-147
2. Tarjan L.: Povišenje efikasnosti rada linearnih aktuatora primenom upravljanja baziranog na FPGA , Novi Sad, autorski reprint, 2015

Spisak rezultata M84 - Bitno poboljšan postojeći proizvod ili tehnologija

1. Beg I., Baranovski I., Oros D., Ostojić G., Stankovski S., Milosavljević M.: Uređaj za overavanje opštih uplatnica u bankarskim kioscima, 2015
2. Đukić N., Tejić B., Tegeltija S., Ostojić G., Stankovski S., Šiposki A.: Merna stanica sa podrškom FIWARE tehnologije, 2015
3. Stankovski S., Tegeltija S., Ostojić G., Tejić B., Oros D., Milosavljević M.: Sistem za nadzor prisustnosti vozila na parking prostoru na bazi bežičnih senzorskih mreža, 2015
4. Tejić B., Tegeltija S., Ostojić G., Stankovski S., Šiposki A.: Upravljačka jedinica za nadzor automatizovanih sistema za plaćanje, 2015

Spisak rezultata M85 - Prototip, nova metoda, softver, standardizovan ili atestiran instrument,

1. Dudić S., Šulc J., Bajči B., Milenković I., Šešlija D.: Manipulator za automatsko merenje dužinskih mera u laboratorijskim uslovima, 2015
2. Mišković D., Gnjatović M., Delić V., Borovac B., Tasevski J.: Naziv: Kognitivna platforma za upravljanje konverzionim robotom Link: <http://ftn.uns.ac.rs/n4670116/kongitivna-platforma-za-upravljanje-konverzionim-robotom>, 2015
3. Reljić V., Milenković I., Šešlija D., Dudić S., Šulc J.: Daljinski upravljana pneumatska opruga, 2015
4. Šulc J., Dudić S., Šešlija D., Milenković I.: Laboratorijski uređaj za daljinsko merenje dužinskih mera primenom digitalnog pomičnog merila, 2015
5. Tanović M., Šešlija D., Šulc J., Milenković I., Dudić S.: Daljinsko upravljanje pneumatskim cilindrom, 2015

Spisak rezultata M92 - Realizovani patent, soj, sorta ili rasa, arhitektonsko, građevinsko ili urbanističko autorsko delo

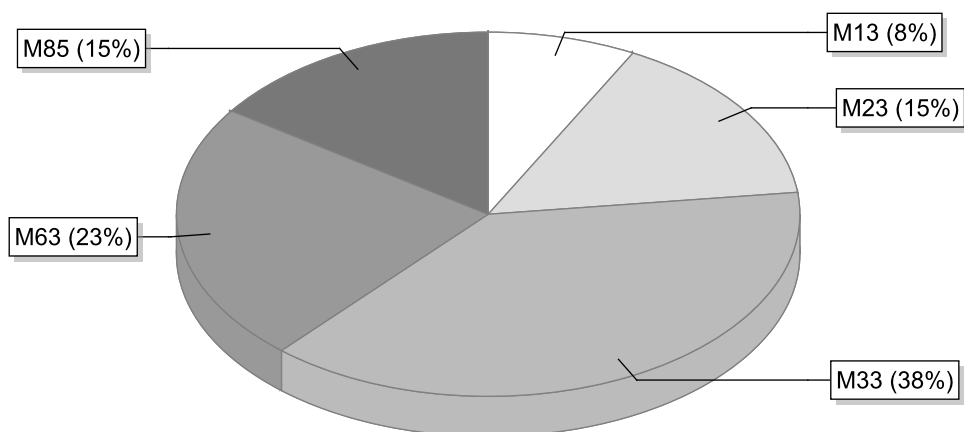
1. Stankovski S., Ostojić G., Tegeltija S., Šiposki A., Nićin M.: Postupak elektronskog plaćanja za Internet prodaju sa rezervacijom sredstava kod učesnika u prodaji, Beograd, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za informaciono-komunikacione sisteme

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	1
Rad u međunarodnom časopisu	M23	2
Saopštenje sa međunarodnog skupa štampano u celini	M33	5
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	3
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	2



PRODUKCIJA - REZULTATI

Spisak rezultata M13 - Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja

1. Mirković M., Čulibrk D., Sladojević S., Anderla A.: Video Quality Assessment for Mobile Devices on Mobile Devices, Springer International Publishing, 2015, str. 555-562, ISBN 978-3-319-23221-8

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Dimitrieski V., Čeliković M., Kordić (Aleksić) S., Ristić S., Alargt A., Luković I.: Concepts and Evaluation of the Extended Entity-Relationship Approach to Database Design in a Multi-Paradigm Information System Modeling Tool, Computer Languages Systems and Structures, 2015, Vol. 44, pp. 299-318, ISSN 1477-8424, UDK: DOI: 10.1016/j.cl.2015.08.011
2. Sladić D., Radulović A., Govedarica M., Jovanović D., Pržulj Đ.: The Use of Ontologies in Cadastral Systems, in press, DOI 10.2298/CSIS141031009S <http://www.comsis.org/archive.php?show=ppricist01-2015> (2014 IF = 0.575), Computer Science and Information Systems (ComSIS), 2015, Vol. 12, No 3, pp. 1033-1053, ISSN 1820-0214

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Cvetanovski M., Perišić I., Lučić R.: Portable Smart Devices Technologies Base for Augmented Reality , Technologies used as a base for building the "digital sixth sense", Infoteh, Jahorina, 2015, pp. 620-623, 13. Infoteh-Jahorina, Jahorina, 18-20 Mart, 2015, pp. 620-623, ISBN 978-99955-763-6
2. Jovanović D., Govedarica M., Rašić D.: Using Gis Technology to Identify New Taxpayers , 6. FIG Working Week 2015, Sofia, 17-21 Maj, 2015, ISBN 978-87-92853-35-6, UDK: ISSN 2307-4086
3. Rakić-Skoković M., Morača S., Gračanin D., Stefanović D.: Aplikativni softver za podršku identifikaciji opasnosti i proceni rizika u organizaciji, 14. Međunarodni naučno-stručni simpozijum INFOTEH-JAHORINA, Jahorina, 18-20 Mart, 2015, pp. 537-540, ISBN 978-99955-763-6-3
4. Rakić-Skoković M., Stefanović D., Lalić B.: GUIDELINES FOR SUCCESSFUL CLOUD SELECTION, 6. International Symposium on Industrial Engineering (SIE), Beograd: Faculty of Mechanical Engineering, Belgrade, 24-25 Septembar, 2015, pp. 267-270, ISBN 978-86-7083-864-2
5. Ristić S., Kordić (Aleksić) S., Čeliković M., Dimitrieski V., Luković I.: A Model-driven Approach to Data Structure Conceptualization, 5. Federated Conference on Computer Science and Information Systems, Lodz: IEEE Computer Society Press and Polish Information Processing Society, 13-16 Septembar, 2015, pp. 977-984, ISBN 2300-5963, UDK: DOI: <http://dx.doi.org/10.15439/978-83-60810-66-8>; 10.15439/2015F224

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Arsenović M., Sladojević S., Stefanović D.: ONE SOLUTION OF TRAINING COURSE FOR IMPROVING EMPLOYEES SKILLS IN IT DEVELOPMENT COMPANY, 6. International Symposium on Industrial Engineering (SIE), Beograd, 24-25 Septembar, 2015
2. Sladojević S., Mirjana D., Predrag J., Ivan E., Stefanović D.: One Solution of Web Application for Data Acquisition from Remote Sensing Devices, 13. Infoteh-Jahorina, Jahorina, 18-20 Mart, 2015
3. Zečević I., Perišić B., Bjeljac P., Perišić I., Kekeljević I.: Nastavnički android servisi, 21. TREND - Trendovi razvoja, Zlatibor: Fakultet tehničkih nauka, 23-26 Februar, 2015, pp. 220-223, ISBN 978-86-7892-680-8

Spisak rezultata M85 - Prototip, nova metoda, softver, standardizovan ili atestiran instrument,

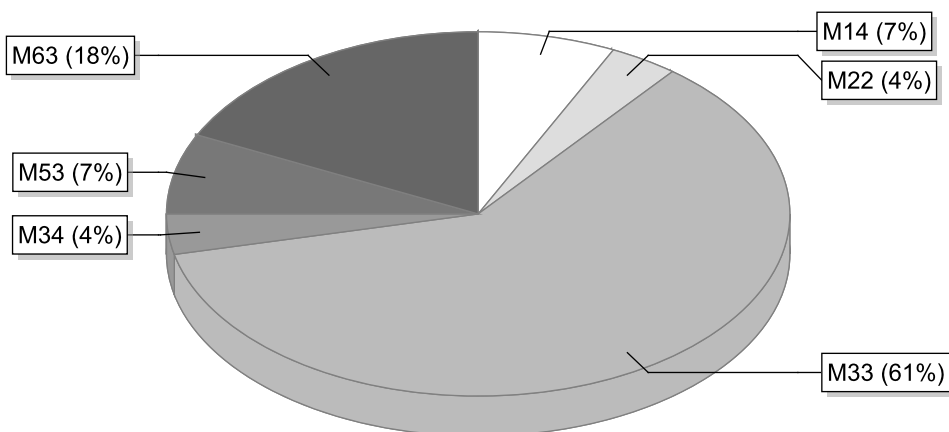
1. Erić M., Anderla A., Stefanović D., Drapšin M., Sladojević S., Mirković M., Janjić Z., Miković M.: Procena zapremine dojki pomoću CT snimaka primenom metode 3D rekonstrukcije., 2015
2. Lalić B., Marjanović U., Stefanović D., Tasić N., Jovanović M.: Razvoj i implementacija sistema za e-učenje, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za kvalitet, efektivnost i logistiku

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	2
Rad u istaknutom međunarodnom časopisu	M22	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	17
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	1
Rad u naučnom časopisu	M53	2
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	5



PRODUKCIJA - REZULTATI

Spisak rezultata M14 - Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja

1. Marić B., Kamberović B., Ivanišević A., Radlovački V.: Exploring Investment Potential Parameters Of The Economy Of Vojvodina In Transition Conditions, With Emphasis On Inequality in Socio-economic forms of inequality, PROCEEDINGS, ed. Alpar Lošonc, Andrea Ivanišević, Novi Sad, Univerzitet u Novom Sadu, Fakultet tehničkih nauka, 2015, ISBN 978-86-7892-664-8, UDK: 316.342.6(082)
2. Mitrović S., Melovic B., Milisavljević S., Kljajic Lj.: Harmonization of institutional knowledge and labor market demands/Institutional assumptions about socio-economic dynamics in east and central Europe, Novi Sad, Faculty of Technical Sciences, Novi Sad, 2015, str. 205-217, ISBN 978-86-7892-765-2

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Hadžistević M., Štrbac B., Spasić Jokić V., Delić M., Sekulić M., Hodolić J.: Factors of estimating flatness error as a surface requirement of exploitation, Metalurgija, 2015, Vol. 54, No 1, pp. 239-242, ISSN 0543-5846

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Brkljač N., Šević D., Milisavljević S., Peković T.: Pogodnost integracije sistema menadžmenta energijom i sistema upravljanja zaštitom životne sredine saglasno zahtevima međunarodnih standarda EN ISO 50001:2011 i ISO 14001:2015, 12. Evropska nedelja kvaliteta - JUSK EQW, Novi Sad: UASQ - United Association of Serbia for Quality, Belgrade, SERBIA., 19-20 Novembar, 2015, pp. 67-70, ISBN 978-86-89157-05-5, UDK: 658.5
2. Čerepnalkovska S., Beker I.: Business process improvement based on risk, 8. International Working Conference "Total Quality Management - Advanced and Intelligent Approaches" - TQM & AIA, Beograd: Mechanical Engineering Faculty (Beograd), 1-5 Jun, 2015, pp. 283-288, ISBN 978-86-7083-858-1, UDK: 005.6(082)(0.034.2)
3. Čerepnalkovska S., Beker I.: Da li menadžment rizika može pomoći u poboljšanju poslovanja?, 12. Evropska nedelja kvaliteta - JUSK EQW, Novi Sad: UASQ - United Association of Serbia for Quality, Belgrade, Serbia, 19-20 Novembar, 2015, pp. 26-34, ISBN 978-86-89157-05-5, UDK: 658.5
4. Čerepnalkovska S., Beker I.: The application of a work flow diagram as a tool for identification of threats and key indicators in processes of integrated management system, 12. INTERNATIONAL CONFERENCE on Standardization, Prototypes and Quality: A Means of Balkan Countries' Collaboration, Kocaeli: Kocaeli University Izmit, Kocaeli, Turkey, 22-24 Oktobar, 2015, pp. 525-532, ISBN 978-605-83983-0-6
5. Jocanović M., Karanović V., Knežević D., Orošnjak M.: Model for monitoring of the physical and chemical characteristics of the oil filling in hydraulic systems, 12. International Conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology - DEMI, Banja Luka, 29-30 Maj, 2015
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Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

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Spisak rezultata M53 - Rad u naučnom časopisu

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2. Orošnjak M.: Indicator development for maintaining hydraulic systems based on tribological parameters, UNS FTN - Zbornik radova Fakulteta Tehničkih Nauka, 2015, Vol. 16, No 12, pp. 3025-3029

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

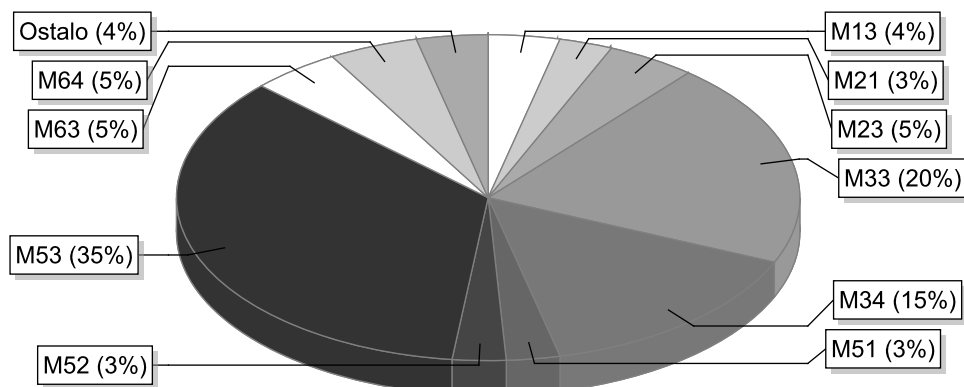
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3. Lalić B., Marjanović U., Delić M., Tasić N.: Istraživanje evropskih proizvodnih potencijala - Srbija 2015, 21. TREND - Trendovi razvoja, Zlatibor: Fakultet tehničkih nauka, 23-26 Februar, 2015, pp. 291-294, ISBN 978-86-7892-680-8
4. Štrbac B., Spasić Jokić V., Radlovački V., Hodolić J., Hadžistević M.: Rezultat merenja sa aspekta ukupne nesigurnosti, 9. International Scientific Conference "Metrology and Quality in Production Engineering and Environmental Protection" - ETIKUM, Novi Sad, 19-20 Jun, 2015, pp. 73-76, UDK: 978-86-7892-712-6
5. Tasić N., Maksimović R., Lalić B., Nikolić (Pavlović) J., Delić M.: Selecting Key Performance Indicators in Higher Education, 21. TREND - Trendovi razvoja, Zlatibor: Fakultet tehničkih nauka, 23-26 Februar, 2015, pp. 136-140, ISBN 978-86-7892-680-8

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Departman za grafičko inženjerstvo i dizajn

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	4
Rad u vrhunskom međunarodnom časopisu	M21	3
Rad u međunarodnom časopisu	M23	5
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	22
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	16
Rad u vodećem časopisu nacionalnog značaja	M51	3
Rad u časopisu nacionalnog značaja	M52	3
Rad u naučnom časopisu	M53	38
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	5
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	5
Odbranjena doktorska disertacija	M71	1
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	2

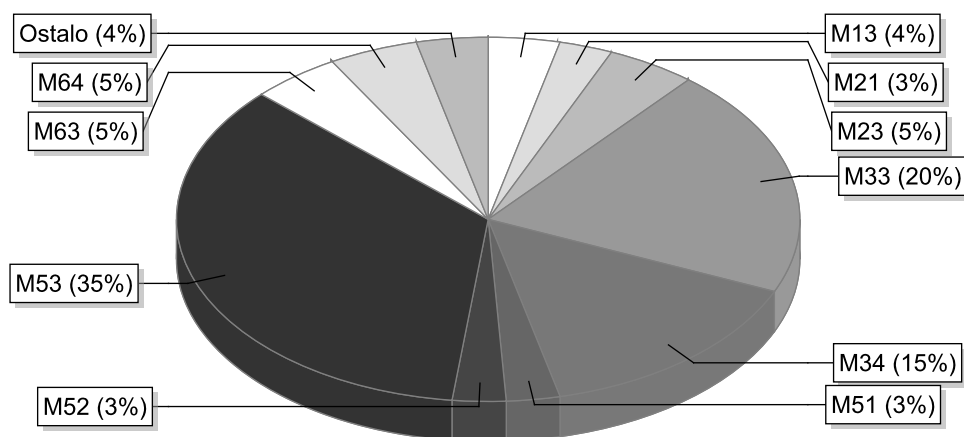


GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za grafičko inženjerstvo i dizajn

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	4
Rad u vrhunskom međunarodnom časopisu	M21	3
Rad u međunarodnom časopisu	M23	5
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	22
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	16
Rad u vodećem časopisu nacionalnog značaja	M51	3
Rad u časopisu nacionalnog značaja	M52	3
Rad u naučnom časopisu	M53	38
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	5
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	5
Obranjena doktorska disertacija	M71	1
Prototip, nova metoda, softver, standardizovan ili atestiran instrument,	M85	2



PRODUKCIJA - REZULTATI

Spisak rezultata M13 - Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja

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Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

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2. Kašiković N., Novaković D., Karlović I., Vladić G., Milić N.: Colourfastness of Multilayer Printed Textile Materials to Artificial Light Exposure, Acta Polytechnica Hungarica, Journal of Applied Sciences, 2015, Vol. 12, No 1, pp. 161-173, ISSN 1785-8860, UDK: DOI 10.12700/APH.12.1.2015.1.10
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Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

1. Nikolić J., Nedeljković U.: Semiološka analiza poljskih pozorišnih plakata, Etnoantropološki problemi, 2015, Vol. 10, No 1, pp. 113-133, ISSN 0353-1589, UDK: 792:81'22(438)

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Adamović (Majkić) S., Prica M., Dalmacija B., Tričković J., Kragulj Isakovski M., Maletić S., Adamović D.: The Combined Electrocoagulation/Flotation and Adsorption Processes for Organic Substances Regeneration of Waste Printing Developer, 21. Symposium on Analytical and Environmental Problems, Szeged: SZAB Kémiai Szakbizottság Analitikai és Környezetvédelmi Munkabizottsága, Szeged, 28 Septembar, 2015, pp. 83-86, ISBN 978-963-306-411-5
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3. Adamović D., Vojinović-Miloradov M., Dorić J., Miloradov M., Adamović (Majkić) S.: Optimal Working Regime of IC Engine from the Point of Emission Characteristics, 12. International Scientific Conference

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 7. Dedijer S., Pál (Apro) M., Pavlović Ž., Vladić G., Novaković D.: Possibilities of Flexo Printing Plate Elements Characterisation by Image Processing, 5. International Joint Conference on Environmental and Light Industry Technologies, Budimpešta: Obuda University, 19-20 Novembar, 2015, pp. 82-91, ISBN 978-615-5460-60-9
 8. Đurđević S., Novaković D., Avramović D., Milošević R., Zeljković Ž.: Multimedijalna prezentacija aktivnog ambalažnog sistema integrisanog u platformu za e-obrazovanje, 14. Tiskarstvo i Diyajn 2015, Zagreb: FS, FotoSoft, 27-28 Mart, 2015, pp. 65-74, ISBN 978-953-7064-32-7
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 10. Đurđević S., Novaković D., Milosavljević B., Kašiković N., Vladić G.: Identification of the food products in smart packaging solutions using modern TTI, 1. International Printing Technologies Symposium, Istanbul: Printing Industry Education Foundation, 8-10 Oktobar, 2015, pp. 171-181, ISBN 978-9944-0636-6-1
 11. Kiurski J., Aksentijević S., Oros I., Kecić V.: Application of two-way Anova on carbon monoxide emission during photocopying process, 8. International Conference "Science and higher education in function of sustainable development", Užice: VPTŠ, Užice, 2-3 Oktobar, 2015, pp. 1-6
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 14. Milić N., Belhadj F., Novaković D.: The customized daltonization method using discernible colour bins, 7. Colour and Visual Computing Symposium, Gjovik: IEEE, 25-26 Avgust, 2015, pp. 1-6
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 18. Tomić I., Del Mar Lazaro M., Carrasco Sanchez A., Benjumea A., Ou L., Garcia J., Karlović I., Huertas R.: Texture in Color Emotions, 15. AIC 2015 Midterm Meeting, Tokyo: Color Science Association of Japan, 19-22 Maj, 2015, pp. 1058-1063
 19. Tomić I., Novaković D., Gebeješ A., Hladnik A., Dedijer S.: Determining Color of Goniometric Prints using DSLR Camera, 5. International Joint Conference on Environmental and Light Industry Technologies, Budimpešta, 19-20 Novembar, 2015, pp. 104-112, ISBN 978-615-5460-60-9

20. Vladić G., Kašiković N., Dedijer S., Stančić M., Đurđević S.: Influence of Packaging Shape on a Price Presumption, 5. International Joint Conference on Environmental and Light Industry Technologies, Budimpešta: Obuda University, 19-20 Novembar, 2015, pp. 11-18, ISBN 978-615-5460-60-9
21. Vladić G., Kašiković N., Đurđević S., Avramović D., Pál (Apro) M.: TEHNIKE IZRADE INTERAKTIVNIH SIMULACIJA NAMENJENIH OBUCI OPERATERA GRAFIČKIH SISTEMA, 14. Tiskarstvo i Diyajn 2015, Zagreb: Tehničko veleučilište u Zagrebu, 27-28 Mart, 2015, pp. 83-87
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Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

1. Adamović (Majkić) S., Kovač P., Prica M., Pavlović Ž., Stančić M.: The success of electrocoagulation/flotation treatment in removing turbidity from waste fountain solution, 21. TOP 2015-Engineering of environment protection, Bratislava: Slovak University of Technology in Bratislava, 23-25 Jun, 2015, pp. 18-18, ISBN 978-80-227-4376-1
2. Adamović D., Vojinović-Miloradov M., Miloradov M., Dorić J., Adamović (Majkić) S., Radonić (Jakšić) J., Turk Sekulić M.: Residual toluene concentrations in exhaust gas waste stream, 21. TOP 2015-Engineering of environment protection, Bratislava: Slovak University of Technology in Bratislava, 23-25 Jun, 2015, pp. 17-17, ISBN 978-80-227-4376-1
3. Aksentijević S., Kiurski J.: The contents of cooper and zinc in the wastewater/sediment from the metalworking industry, 14. International Conference on Environmental Science and Technology, CEST 2015, Rhodes: Global Network for Environmental Science and Technology, University of the Aegean, 3-5 Septembar, 2015, pp. 375-375, ISBN 978-960-7475-52-7
4. Dimovski V.: Analysis Of Video Game Industry In Serbia: Towards New Professional Titles And Qualifications, 1. Conference The bridges of Media education, Mostovi medijskog obrazovanja VII, Novi Sad: Univerzitet u Novom Sadu Filozofski fakultet, 22 Maj, 2015, pp. 19-19, ISBN 978-86-6065-318-7, UDK: 316.7:004.928:794
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3. Novaković D., Đurđević S., Pinčjer I., Zeljković Ž., Kašiković N.: Application development for learning about graphic systems integrated in the platform of e-learning, Machine Design, 2015, Vol. 7, No 3, pp. 89-92, ISSN 1821-1259

Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Kašiković N., Stančić M., Vladić G., Milošević R., Novaković D., Grujić D.: Spektrofotometrijska analiza uticaja procesa pranja na kvalitet otiska odštampanih žutom bojom tehnikom sito štampe na tekstil, Tekstilna industrija, 2015, Vol. 62, No 1, pp. 34-40, ISSN 0040-2389, UDK: 677.027.561:620,186
2. Ružičić B., Stančić M., Kašiković N., Majnarić I., Novaković D., Milošević R.: The Influence of Thermal Load on the Print Quality of Screen Printed Knitted Fabrics, Advanced Technologies, 2015, Vol. 4, No 1, pp. 78-83, ISSN 2217-9720, UDK: 677.027.423.5
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Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

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Spisak rezultata M64 - Saopštenje sa skupa nacionalnog značaja štampano u izvodu

1. Adamović (Majkić) S., Prica M., Adamović D., Radonić (Jakšić) J., Turk Sekulić M.: Migracija olova iz omota bombona, 7. Simpozijum hemija i zaštita životne sredine sa međunarodnim učešćem - EnviroChem, Palić:

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3. Aksentijević S., Kiurski J., Kecić V., Oros I.: Ispitivanje pH zemljišta, 7. Simpozijum Hemija i zaštita životne sredine, Palić: Serbian Chemical Society, 9-12 Jun, 2015, pp. 160-161, ISBN 978-86-7132-058-0
4. Kiurski J., Oros I., Kecić V., Aksentijević S.: Nitrogen dioxide emission in photocopying process, 7. Simpozijum Hemija i zaštita životne sredine, Palić: Serbian Chemical Society, 9-12 Jun, 2015, pp. 290-291, ISBN 978-86-7132-058-0
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Spisak rezultata M71 - Odbranjena doktorska disertacija

1. Oros I.: Indikatori starenja sredstva za vlaženje u ofset štampi, Novi Sad, Fakultet tehničkih nauka, Univerzitet u Novom Sadu, 2015, str. 1-144

Spisak rezultata M85 - Prototip, nova metoda, softver, standardizovan ili atestiran instrument,

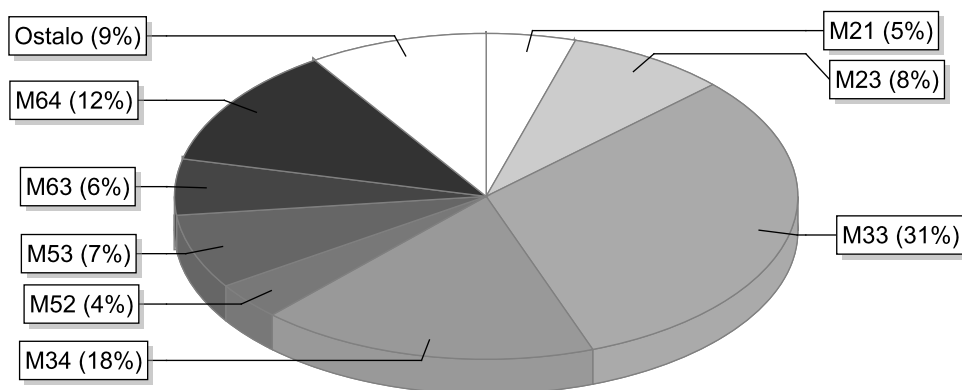
1. Novaković D., Pavlović Ž., Pavlović Ž., Zeljković Ž., Nedeljković U., Dedijer S., Kašiković N., Vladić G., Pál (Apro) M., Avramović D., Pinčjer I., Milić N., Tomić I., Jurić (Rilovski) I., Đurđević S.: Softverski model za unapređenje znanja i proizvodnje u grafičkoj industriji, Tehničko rešenje, 2015
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GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Departman za inženjerstvo zaštite životne sredine

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	1
Rad u vrhunskom međunarodnom časopisu	M21	5
Rad u istaknutom međunarodnom časopisu	M22	2
Rad u međunarodnom časopisu	M23	9
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	34
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	19
Poglavlje u knjizi M42 ili rad u tematskom zborniku nacionalnog značaja	M45	1
Rad u vodećem časopisu nacionalnog značaja	M51	2
Rad u časopisu nacionalnog značaja	M52	4
Rad u naučnom časopisu	M53	8
Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini	M61	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	6
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	13
Odbranjena doktorska disertacija	M71	2

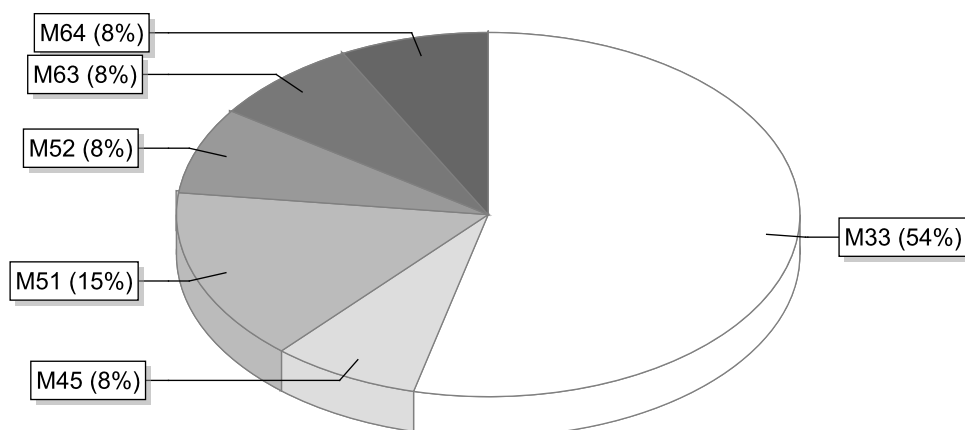


GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za inženjerstvo biosistema

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Saopštenje sa međunarodnog skupa štampano u celini	M33	7
Poglavlje u knjizi M42 ili rad u tematskom zborniku nacionalnog značaja	M45	1
Rad u vodećem časopisu nacionalnog značaja	M51	2
Rad u časopisu nacionalnog značaja	M52	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	1
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	1



PRODUKCIJA - REZULTATI

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

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Spisak rezultata M45 - Poglavlje u knjizi M42 ili rad u tematskom zborniku nacionalnog značaja

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Spisak rezultata M64 - Saopštenje sa skupa nacionalnog značaja štampano u izvodu

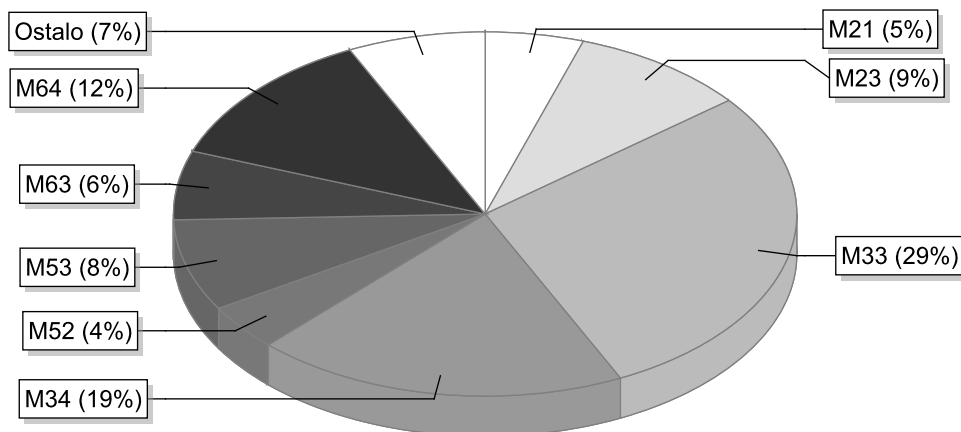
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GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za inženjerstvo zaštite životne sredine

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	1
Rad u vrhunskom međunarodnom časopisu	M21	5
Rad u istaknutom međunarodnom časopisu	M22	2
Rad u međunarodnom časopisu	M23	9
Predavanje po pozivu sa međunarodnog skupa štampano u celini	M31	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	28
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	19
Rad u časopisu nacionalnog značaja	M52	4
Rad u naučnom časopisu	M53	8
Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini	M61	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	6
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	12
Odbranjena doktorska disertacija	M71	2



PRODUKCIJA - REZULTATI

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Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

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2. Mihajlović I., Bajić J., Obrovski B., Vojinović-Miloradov M., Batinić B., Živanov M.: Upotreba senzora sa optičkim vlaknima za određivanje reprezentativnih neorganskih polutanata u površinskoj vodi, 9. International Scientific Conference "Metrology and Quality in Production Engineering and Environmental Protection" - ETIKUM, Novi Sad: Fakultet Tehničkih Nauka, Departman za proizvodno mašinstvo, 19-20 Jun, 2015, ISBN 978-86-7892-712-6
3. Miroslavljević Z., Štrbac D., Štrbac G., Stanisavljević N.: Otpadna staklena ambalaža u Južnobačkom regionu - količine i mogućnosti iskorišćenja, 9. International Scientific Conference "Metrology and Quality in Production Engineering and Environmental Protection" - ETIKUM, Novi Sad: Fakultete tehničkih nauka, 19-20 Jun, 2015, pp. 121-124, ISBN 978-86-7892-713-3
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4. Brborić M., Vrana B., Radonić (Jakšić) J., Pap S., Turk Sekulić M.: Identifikacija izvora policikličnih aromatičnih ugljovodonika (PAH) detektovanih u površinskom sedimentu reke Dunav u neposrednoj blizini Novog Sada, 7. 7. Simpozijum „Hemija i zaštita životne sredine - EnviroChem“, Palić: Srpsko hemijsko društvo, 9-12 Jun, 2015, ISBN 978-86-7132-058-0
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7. Milovanović D., Španik I., Đogo M., Radonić (Jakšić) J., Turk Sekulić M., Vojinović-Miloradov M.: Prioritizacija polutanata na teritoriji grada Novog Sada, 7. 7. Simpozijum „Hemija i zaštita životne sredine - EnviroChem“, Palić: Srpsko hemijsko društvo, 9-12 Jun, 2015
8. Obrovski B., Bežanović V., Novaković M., Đogo M., Sremački M., Mihajlović I., Vojinović-Miloradov M.: Jačanje kapaciteta za upravljanje komunalnim otpadnim vodama grada Novog Sada, 7. 7. Simpozijum „Hemija i zaštita životne sredine - EnviroChem“, Palić: Srpsko Hemijsko društvo, 9-12 Jun, 2015, pp. 281-282, ISBN 978-86-7132-058

9. Obrovski B., Bežanović V., Novaković M., Đogo M., Sremački M., Mihajlović I., Vojinović-Miloradov M.: Strengthening the capacity of municipal wastewater management in Novi Sad, 7. Simpozijum hemija i zaštita životne sredine sa međunarodnim učešćem - EnviroChem, Palić: Srpsko hemijsko društvo, 9-12 Jun, 2015, ISBN 978-86- 7132-058-0
10. Pap S., Radonić (Jakšić) J., Mihajlović I., Đogo M., Brborić M., Petrović V., Turk Sekulić M.: Optimizacija procesa separacije Pb²⁺ iz vodenih rastvora primenom biosorbenta, 7. 7. Simpozijum „Hemija i zaštita životne sredine - EnviroChem“, Palić: Srpsko hemijsko društvo, 9-12 Jun, 2015, pp. 387-388, ISBN 978-867132-058-0
11. Radonić (Jakšić) J., Jovčić N., Ilić M., Vojinović-Miloradov M., Turk Sekulić M.: Procena kancerogenog potencijala policikličnih aromatičnih ugljovodonika u ambijentalnom vazduhu na teritoriji Novog Sada, 7. 7. Simpozijum „Hemija i zaštita životne sredine - EnviroChem“, Palić: Srpsko hemijsko društvo, 9-12 Jun, 2015, pp. 184-185, ISBN 978-86-7132-058-0
12. Sremački M., Kovačević S., Bondžić (Simić) J., Turk Sekulić M., Slobodnik J., Radonić (Jakšić) J., Vojinović-Miloradov M.: "Detekcija psihoaktivnih kontrolisanih supstanci u mešovitoj komunalnoj otpadnoj vodi Novog Sada", 7. 7. Simpozijum „Hemija i zaštita životne sredine - EnviroChem“, Palić: Srpsko hemijsko društvo, SHD, 9-12 Jun, 2015, pp. 141-142, ISBN 978-86-7132-058-0

Spisak rezultata M71 - Odbranjena doktorska disertacija

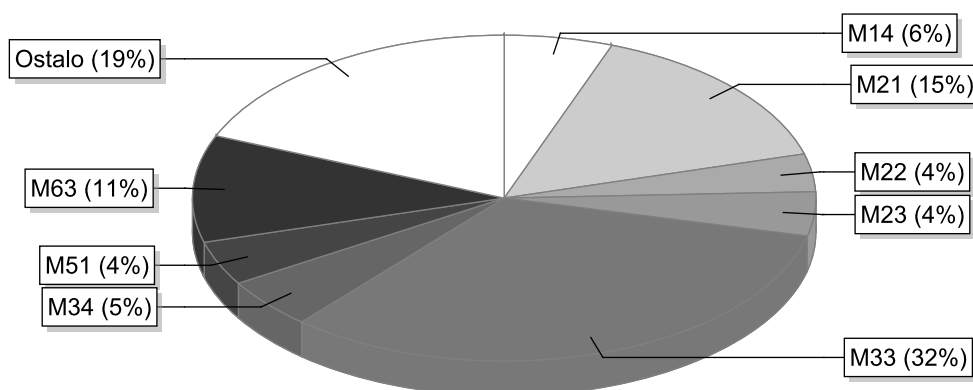
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2. Batinić B.: Model za predviđanje količine ambalažnog i biorazgradivog otpada primenom neuronskih mreža,, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Departman za opšte discipline u tehnici

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	3
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	9
Uređivanje naučne monografije, tematskog zbornika, leksikografske ili kartografske publikacije međunarodnog značaja	M18	2
Rad u vrhunskom međunarodnom časopisu	M21	24
Rad u istaknutom međunarodnom časopisu	M22	6
Rad u međunarodnom časopisu	M23	7
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	3
Uređivanje međunarodnog naučnog časopisa	M28	1
Predavanje po pozivu sa međunarodnog skupa štampano u izvodu	M32	2
Saopštenje sa međunarodnog skupa štampano u celini	M33	52
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	8
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	4
Poglavlje u knjizi M42 ili rad u tematskom zborniku nacionalnog značaja	M45	4
Rad u vodećem časopisu nacionalnog značaja	M51	7
Rad u časopisu nacionalnog značaja	M52	5
Rad u naučnom časopisu	M53	1
Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini	M61	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	17
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	2
Odbranjena doktorska disertacija	M71	2

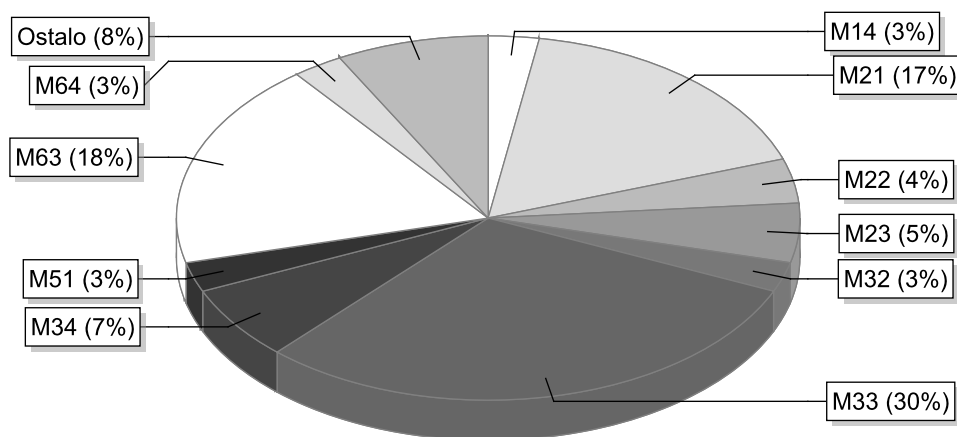


GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za matematiku

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	1
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	2
Uređivanje naučne monografije, tematskog zbornika, leksikografske ili kartografske publikacije međunarodnog značaja	M18	1
Rad u vrhunskom međunarodnom časopisu	M21	13
Rad u istaknutom međunarodnom časopisu	M22	3
Rad u međunarodnom časopisu	M23	4
Uređivanje međunarodnog naučnog časopisa	M28	1
Predavanje po pozivu sa međunarodnog skupa štampano u izvodu	M32	2
Saopštenje sa međunarodnog skupa štampano u celini	M33	23
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	5
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	1
Rad u vodećem časopisu nacionalnog značaja	M51	2
Rad u časopisu nacionalnog značaja	M52	1
Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini	M61	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	14
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	2



PRODUKCIJA - REZULTATI

Spisak rezultata M13 - Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja

1. Žunić J., Pantović J., Rosin P.: Measuring Linearity of Planar Curves, Chapter in: Advances in Intelligent Systems and Computing, Vol. 318, Maria De Marsico and Ana Fred (Eds): Pattern Recognition Application and Methods (DOI 10.1007/978-3-319-12610-4_16), 2015, str. 257-271

Spisak rezultata M14 - Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja

1. Čolić Oravec J., Machida H., Pantović J., Vojvodić G.: From clones to hyperclones, Beograd, Matematički institut SANU, Beograd, 2015, str. 111-144, ISBN 0351-9406
2. Gilezan S., Ivetić J., Likavec S., Lescanne P.: Structural rules and resource control in logic and computation, Beograd, Matematički institut SANU, 2015, ISBN 978-86-80593-57-9

Spisak rezultata M18 - Uređivanje naučne monografije, tematskog zbornika, leksikografske ili kartografske publikacije međunarodnog značaja

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Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

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Spisak rezultata M28 - Uređivanje međunarodnog naučnog časopisa

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Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

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15. Lukić T., Nagy B., Valentina Moisi E., Cretu V.: Comparing memetic and simulated annealing approaches for discrete tomography on the triangular grid, 10. IEEE International Symposium on Applied Computational Intelligence and Informatics, Temišvar, 21-23 Maj, 2015, pp. 523-528
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Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

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Spisak rezultata M42 - Monografija nacionalnog značaja, monografsko izdanje građe,

1. Doroslovački R., Vilotić D., Katić V., Kovačević I., Šešlija D., Kolaković S., Konjović Z.: Uspešnost studiranja na Fakultetu tehničkih nauka u Novom Sadu, Novi Sad, Fakultet tehničkih nauka, Edicija Tehničke nauke - Monografije, 2015, ISBN 987-86-7892-764-5

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2. Tomić F., Teofanov N., Pilipović S.: On a class of ultradifferentiable functions, Novi Sad Journal of Mathematics, 2015, Vol. 45, No 1, pp. 125-142, ISSN 1450-5444

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Spisak rezultata M61 - Predavanje po pozivu sa skupa nacionalnog značaja štampano u celini

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Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

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10. Manasijević A., Vasiljević M., Kupusinac A., Kovačević I.: Ostati u Srbiji ili ići u inostranstvo?, 21. TREND - Trendovi razvoja, Zlatibor: Fakultet tehničkih nauka, 23-26 Februar, 2015, pp. 74-77, ISBN 9788678926778
11. Stanisavljević A., Stojančević T., Savić N., Milićević S., Kovačević I.: Matematika u tehnici, 21. XXI Skup Trendovi razvoja: „Univerzitet u promenama...“, Zlatibor: Fakultet tehničkih nauka, 23-26 Februar, 2015, pp. 123-126, ISBN 978-86-7892-680-8

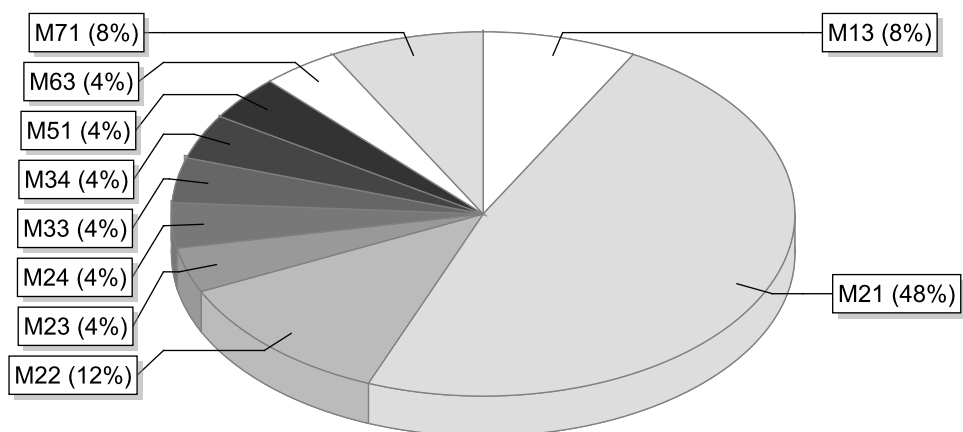
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13. Šokac M., Budak I., Ralević N., Spasić A., Santoši Ž., Vučaj-Cirilović V., Til V.: Primena metode klasterizacije C-srednjih vrednosti kod segmentacije medicinskih snimaka, 9. International Scientific Conference "Metrology and Quality in Production Engineering and Environmental Protection" - ETIKUM, Novi Sad: Fakultet tehničkih nauka, 19-20 Jun, 2015, pp. 33-36, ISBN 978-86-7892-713-3
14. Vilotić D., Doroslovački R., Katić V., Kovačević I., Kolaković S., Šešlija D., Konjović Z.: Analiza dužine studiranja na osnovnim akademskim studijama na Fakultetu tehničkih nauka u Novom Sadu, 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015, pp. 127-136

Spisak rezultata M64 - Saopštenje sa skupa nacionalnog značaja štampano u izvodu

1. Korolija-Crkvenjakov D., Santoši Ž., Budak I., Sladoje N., Stojaković V.: 3D DIGITIZATION AS A TOOL IN THE CONSERVATION AND RECREATION OF CULTURAL HERITAGE: A case study of the iconostasis of a destroyed Serbian Orthodox church in Buda, 13. Digitalizacija kulturne baštine i digitalna humanistika, Beograd: Matematički fakultet, Univerzitet u Beogradu, 10-11 Septembar, 2015, pp. 5-5, ISBN 978-86-7589-103-1
2. Krstanović L., Obradović R., Ralević N.: Aproksimacija KL - divergencije između GMM i primene, 5. Mathematical Conference of the Republic of Srpska, Trebinje: Društvo matematičara Republike Srpske, Fakultet za proizvodnju i menadžment u Trebinju, 5-6 Jun, 2015

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja	M13	2
Rad u vrhunskom međunarodnom časopisu	M21	12
Rad u istaknutom međunarodnom časopisu	M22	3
Rad u međunarodnom časopisu	M23	1
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	1
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	1
Rad u vodećem časopisu nacionalnog značaja	M51	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	1
Odbranjena doktorska disertacija	M71	2



PRODUKCIJA - REZULTATI

Spisak rezultata M13 - Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja

1. Forkapić S., Mrđa D., Bikit I., Bikit K., Grujić S., Kozmidis-Luburić U.: The Analysis of Radon Diffusion, Emanation and Adsorption on Different Types of Materials, New York, Nova Science Publishers, 2015, str. 251-267, ISBN 978-1-63463-777-0
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Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

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7. Satarić M., Sekulić D., Satarić B.: Actin filaments as the fast pathways for calcium ions involved in auditory processes, Journal of Biosciences, 2015, Vol. 40, No 3, pp. 549-559, ISSN 0250-5991
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Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Fabian M., Antić B., Girman V., Vučinić-Vasić M., Kremenović A., Suzuki S., Hahn H., Sepelak V.: Mechano-synthesis and structural characterization of nanocrystalline Ce_{1-x}Y_xO_{2-δ} (x=0.1-0.35) solid solutions, Journal of Solid State Chemistry, 2015, Vol. 230, pp. 42-48, ISSN 0022-4596
2. Satarić M., Sekulić D., Satarić B., Zdravković S.: Role of nonlinear localized Ca²⁺ pulses along microtubules in tuning the mechano-sensitivity of hair cells, Progress in Biophysics and Molecular Biology, 2015, Vol. 119, No 2, pp. 162-174, ISSN 0079-6107

3. Todorović (Žikić) N., Bikit I., Krmar M., Mrđa D., Hansman J., Nikolov J., Forkapić S., Vesković M., Bikit K., Stojković (Jakonić) I.: Natural radioactivity in raw materials used in building industry in Serbia, *International Journal of Environmental Science and Technology*, 2015, No DOI:10.1007/s13762-013-0470-2, ISSN 1735-1472

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Vulić (rođ. Gelei) T., Rudić O., Ranogajec J., Vučinić-Vasić M.: PHOTOCATALYTIC ACTIVITY OF TiO₂/ZnAl LDH BASED COATING IN RELATION TO MECHANICAL TREATMENT OF THE POWDER, *Revue Roumaine de Chimie*, 2015, Vol. 60, No 1, pp. 15-23, ISSN 0035-3930

Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

1. Sekulić D., Satarić M.: An improved nanoscale transmission line model of microtubule: The effect of nonlinearity on the propagation of electrical signals, *Facta universitatis - series: Electronics and Energetics*, 2015, Vol. 28, No 1, pp. 133-142, ISSN 0353-3670

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Satarić M.: Mechano-electrical solitons in cellular microtubules, 10. European Biophysics Congress, Dresden, 18-22 Jul, 2015

Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

1. Satarić M.: Dissipative Solitons in cellular Microtubules, 19. Symposium on Condensed Matter Physics, Beograd, 7-11 Septembar, 2015, pp. 48-48

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

1. Todorović (Žikić) N., Stojković (Jakonić) I., Nikolov J.: Sadržaj 222Rn u vodi i radijacioni rizik, *Ecologica*, 2015, Vol. 22, No 80, pp. 601-604, ISSN 0354-3285

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

1. Todorović (Žikić) N., Stojković (Jakonić) I., Nikolov J., Pajić M., Krmar M.: Optimizacija metode za ispitivanje Sr-90 u vodi i mleku detekcijom Čerenkovljevog zračenja, 28. Simpozijum DZZSCG, Vršac: Institut za nuklearne nauke "Vinča - Društvo za zaštitu od zračenja Srbije i Crne Gore, 30-2 Septembar, 2015, pp. 115-119, ISBN 978-86-7306-135-1

Spisak rezultata M71 - Odbranjena doktorska disertacija

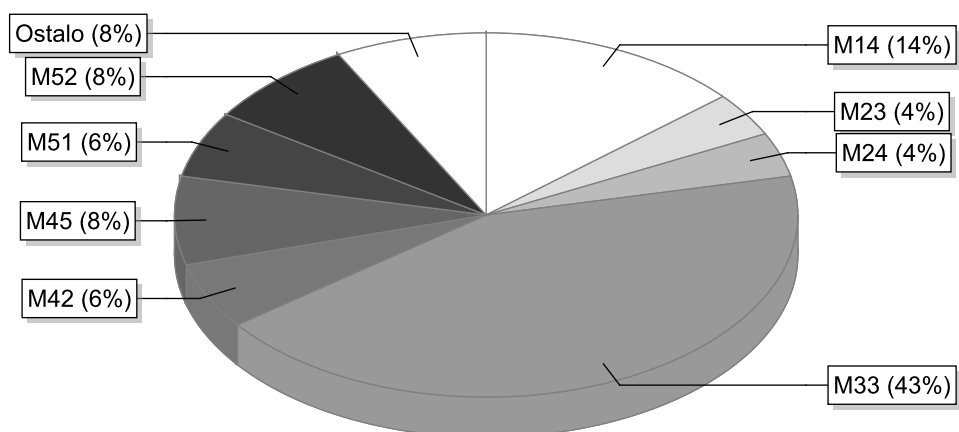
1. Mihailović A.: Fizičke karakteristike zemljišta i distribucija teških metala na gradskom području Novog Sada, Novi Sad, PMF, 2015
2. Stojković (Jakonić) I.: Optimizacija tečnog scintilacionog spektrometra za ispitivanje alfa i beta emitera u vodama, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za društvene nauke

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja	M14	7
Uređivanje naučne monografije, tematskog zbornika, leksikografske ili kartografske publikacije međunarodnog značaja	M18	1
Rad u međunarodnom časopisu	M23	2
Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	M24	2
Saopštenje sa međunarodnog skupa štampano u celini	M33	22
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	1
Monografija nacionalnog značaja, monografsko izdanje građe,	M42	3
Poglavlje u knjizi M42 ili rad u tematskom zborniku nacionalnog značaja	M45	4
Rad u vodećem časopisu nacionalnog značaja	M51	3
Rad u časopisu nacionalnog značaja	M52	4
Rad u naučnom časopisu	M53	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	1



PRODUKCIJA - REZULTATI

Spisak rezultata M14 - Monografska studija/poglavlje u knjizi M12 ili rad u tematskom zborniku međunarodnog značaja

1. Lošonc (Losoncz) A.: A bizalom politikai gazdaságtana (Politicka-ekonomija poverenja)in A Bizalom (poverenje) Segedin (ed. by Laczko Sandor), , Segedin, Regionalna komisija Mađarske akademije nauka, Pro Philosophiensis, 2015, ISBN 978-963-88812 -7-4
2. Lošonc (Losoncz) A.: Foucauldian Methods of Ian Hacking, in Engaging Foucault, Edited by Adriana Zaharijevic, Igor Cvejić and Mark Losoncz, University of Belgrade, Institute for Philosophy and Social Theory, 2015, str. 141-155, ISBN 978-86-82417-89-7
3. Lošonc (Losoncz) A.: Neoliberalizmus, univerzalizmus, biopolitikai ésszerűsítés ...(Neoliberalizam, univerzalizam, biopolitiliticka racionalizacija), 45-59, in Az élet gondnokai és az ember szabadsága, Élettisztelet, életértékek, életpolitikák (ed. by Zrinyi Ungvari Imre) EGYETEMI MŰHELY KIADÓ, Bolyai Társaság – Kolozsvár, Cluj-Napoca, 2015, , Cluj-Napoca, EGYETEMI MŰHELY KIADÓ, Bolyai Társaság – Kolozsv, 2015, ISBN ISBN 978-606-8145-79
4. Lošonc (Losoncz) A.: Space as the Practice Commensuration/Homogenization, and the Commodity in Contemporary Capitalism, Novi Sad, Published by Department of Architecture and Urbanism, Faculty of Technical Sciences, Novi Sad, Serbia Editors: Romana Boškovi Miljana Zekovi Slaana Milievi, 2015, str. 71-81, ISBN ISBN: 978-86-7892-75
5. Pejić S.: Pejić, S. i R. Radivojević (2015). Enterprises in transition: organizational structures and socio-cultural values. In: Lošonc, A. i A. Ivanišević (2015). Institutional Assumptions about Socio-Economic Dynamics in East and Central Europe- Proceedings. Novi Sad: Faculty of Technical Sciences, pp. 189-205, Novi Sad, Fakultet tehničkih nauka, 2015, ISBN 978-86-7892-765-2
6. Perić M., Lošonc (Losoncz) A., Ivanišević A.: Policy Failure of the Monetary Union: How Inadequate Responses from the European Institutions Led to Macroeconomic Disbalances and Crisis, Novi Sad, Fakultet tehničkih nauka, 2015, str. 312-323, ISBN 978-86-7892-765-2
7. Radivojević R.: Pejić, S. i R. Radivojević (2015). Enterprises in transition: organizational structures and socio-cultural values. In: Lošonc, A. i A. Ivanišević (2015). Institutional Assumptions about Socio-Economic Dynamics in East and Central Europe- Proceedings. Novi Sad: Faculty of Technical Sciences, Novi Sad, Fakultet tehničkih nauka, 2015, ISBN 978-86-7892-765-2

Spisak rezultata M18 - Uređivanje naučne monografije, tematskog zbornika, leksikografske ili kartografske publikacije međunarodnog značaja

1. Lošonc (Losoncz) A.: Pohlepa (priredio, D. Prole, A. Lošonc), 255 strana, Novi Sad, Adresa, 2015, ISBN ISBN 978-86-80268-03

Spisak rezultata M23 - Rad u međunarodnom časopisu

1. Lošonc (Losoncz) A.: Buying Time: The Delayed Crisis of Democratic Capitalism, Panoeconomicus, 2015, Vol. 62, No 1, pp. 123-130, ISSN 1452-595X, UDK: 1452-595X
2. Lošonc (Losoncz) A.: Hubris – Why Economists, Failed to Predict the Crisis and How Avoid the Next One, Panoeconomicus, 2015, Vol. 62, No 5, pp. 679-687, ISSN 1452-595X, UDK: 1452-595X

Spisak rezultata M24 - Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

1. Katić M., Šafranjić J.: Prevođenje termina elektronskog poslovanja: prevodilačke tehnike kroz prizmu kontrastivne analize, Zbornik Matice srpske za filologiju i lingvistiku, 2015, Vol. 58, No 2, pp. 235-248, ISSN 0352-5724, UDK: 80/81(082)
2. Lošonc (Losoncz) A., Ivanišević A., Perić M.: Is Development Network State Possible in Eastern and Central Europe?

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Bogdanović V., Gak D.: Learning From an Evaluation Form - A Case Study on Writing a Summary, 8. 8th International Language Conference on "The Importance of Learning Professional Foreign Languages for Communication between Cultures", Zagreb: Faculty of Humanities and Social Sciences, 18-19 Septembar, 2015, pp. 12-17, ISBN 978-953-175-569-6
2. Bogdanović V.: Genre-Based Instructions (GBI) in ESP Classes, 891. Treća međunarodna konferencija Strani jezik struke: prošlost, sadašnjost, budućnost, Beograd: Fakultet organizacionih nauka, 26-27 Septembar, 2014, pp. 109-116, ISBN 978-86-7680-321-7
3. Bulatović V., Bogdanović V.: Learning Formal English as an Academic Skill, 8. 8th International Language Conference on "The Importance of Learning Professional Foreign Languages for Communication between Cultures", Zagreb: University of Zagreb, Faculty of Humanities and Social Sciences, 18-19 Septembar,

2015, pp. 27-31, ISBN 978-953-175-569-6

4. Ivanišević A., Marić B., Lošonc (Losoncz) A.: Conceptualization of Common Parameters Which are Required for Technical-Technological Analysis of Investments, 6. International Symposium on Industrial Engineering (SIE), Beograd: Faculty of Mechanical Engineering, Belgrade, 24-25 Septembar, 2015, pp. 200-203, ISBN 978-86-7083-864-2
5. Katić M., Šafranč J.: Problem-based Learning in ESP Classroom: Impact on Language for Engineers, 891. Treća međunarodna konferencija Strani jezik struke: prošlost, sadašnjost, budućnost, Beograd: Filološki fakultet u Beogradu, 26-27 Septembar, 2014, pp. 235-248, ISBN 978-86-7680-321-7
6. Ličen B., Mirović I.: Oral Answer Assessment Criteria, 8. 8th International Language Conference on "The Importance of Learning Professional Foreign Languages for Communication between Cultures", Zagreb, 18-19 Septembar, 2015
7. Ličen B., Mirović I.: Significant oral presentation factors and presentation quality, 891. Treća međunarodna konferencija Strani jezik struke: prošlost, sadašnjost, budućnost, Beograd: Univerzitet u Beogradu, Fakultet organizacionih nauka, 26-27 Septembar, 2014, pp. 291-299, ISBN 978-86-7680-321
8. Lošonc (Losoncz) A., Ivanišević A., Duđak Lj.: Savings, but not as a strategy?, 20. Internacionalni naučni skup SM - Strategijski menadžment i sistemi podrške odlučivanju u stratezijskom menadžmentu, Subotica: Univerzitet u Novom Sadu, Ekonomski fakultet Subotica, 21 Maj, 2015, pp. 488-497, ISBN 978-86-7233-352-7
9. Lošonc (Losoncz) A., Ivanišević A., Novaković J.: Neoliberalizam u obrazovanju i dinamika znanja, 21. Trendovi razvoja TREND, Zlatibor: Univerzitet u Novom Sadu, Fakultet tehničkih nauka Novi Sad, 23-26 Februar, 2015, pp. 245-249, ISBN 978-86-7892-680-8
10. Lošonc (Losoncz) A., Ivanišević A.: Techno-Economic Paradigm as the Framework for the Articulation of Work and Professional Ethics in the Era of Globalization, 3. MECHANICAL ENGINEERING IN XXI CENTURY, Niš: Univerzitet u Nisu, Masinski fakultet, 17-18 Septembar, 2015, pp. 509-513, ISBN 978-86-6055-072-1
11. Mirović I., Katić M.: Fostering Modernization and Innovation at Universities and the Role of English Language Teaching , 1. WBCInno International conference, Novi Sad, 18 Septembar, 2015, ISBN 978-86-499-0203-9
12. Mirović I., Vuković Vojnović D.: The use of hedging devices in English and Serbian scientific articles, 891. Treća međunarodna konferencija Strani jezik struke: prošlost, sadašnjost, budućnost, Beograd: Univerzitet u Beogradu, Fakultet organizacionih nauka, 26-27 Septembar, 2014, pp. 355-362, ISBN 978-86-7680-321-7
13. Mirović I.: Hedging in electrical engineering research articles , 8. 8th International Language Conference on "The Importance of Learning Professional Foreign Languages for Communication between Cultures", Zagreb, 18-19 Septembar, 2015
14. Pejić S.: Pejić, S. (2015). Rodne razlike u visokom obrazovanju u zemljama u razvoju. Trendovi razvoja: Univerzitet u promenama. Novi Sad: FTN, pp. 287-291. , 21. TREND - Trendovi razvoja, Zlatibor: Fakultet tehničkih nauka, 23-26 Februar, 2015, ISBN 978-86-7892-680-8
15. Pejić S.: Radivojević, R. and S. Pejić (2015). Space as a dimension of social identity. In: Bošković, R., M. Zeković and S. Milićević (2015). Radical Space In Between Disciplines. Novi Sad: Department of Architecture and Urbanism, Faculty of Technical Sciences, pp. 61-71. , 1. Radical Space In Between Disciplines, Novi Sad: Fakultet tehničkih nauka, 21-23 Septembar, 2015, ISBN 978-86-7892-755-3
16. Radivojević R.: Radivojević R.,(2015). Technization, humanization and cultural and technological imperialism, Faculty of Mechanical Engineering, Niš, 3. MECHANICAL ENGINEERING IN XXI CENTURY, Niš: Mašinski fakultet, Univerzitet u Nišu, 17-18 Septembar, 2015, ISBN 978-86-6055-072-1
17. Radivojević R.: Radivojević, R. (2015). Saznajno inovativne karakteristike intelektualnog potencijala idigitalno-ekonomski jaz. Trendovi razvoja: Univerzitet u promenama. Novi Sad: FTN, 21. TREND - Trendovi razvoja, Zlatibor: Fakultet tehničkih nauka, 23-26 Februar, 2015, ISBN 978-86-7892-680-8
18. Radivojević R.: Radivojević, R. and S. Pejić (2015). Space as a dimension of social identity. In: Bošković, R., M. Zeković and S. Milićević (2015). Radical Space In Between Disciplines. Novi Sad: Department of Architecture and Urbanism, Faculty of Technical Sciences, 1. Radical Space In Between Disciplines, Novi Sad: Fakultet tehničkih nauka, 21-23 Septembar, 2015, ISBN 978-86-7892-755-3
19. Radivojević R.: Radivojević, R.(2015). Characteristics of cognitive-innovative function of the education system in Serbia. WBCInno International Conference 2015, Proceeding, 1. WBCInno International conference, Novi Sad: Fakultet tehničkih nauka, 18 Septembar, 2015, ISBN 978-86-499-0203-9

20. Šafranjan J., Katić M.: Syntactic Properties of Non-finite Clauses in Academic Written Discourse, 891. Treća međunarodna konferencija Strani jezik struke: prošlost, sadašnjost, budućnost, Beograd: Filološki fakultet u Beogradu, 26-27 Septembar, 2014, pp. 519-525
21. Šafranjan J.: Electronic Textbooks for Learning English as a Foreign Language, 16. International Scientific Conference on Industrial Systems, Novi Sad: Fakultet tehnickih nauka, 15-17 Oktobar, 2014, pp. 359-364
22. Šafranjan J.: Phraseology: A Link Between Language and Culture, 6. Sixth Brno Conference on Linguistics Studies in English, Brno: Masarykova Univerzita, 11-12 Septembar, 2014, pp. 151-162, ISBN 978-80-210-7922-9

Spisak rezultata M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

1. Bogdanović V.: Evaluation form as a grading and a learning tool, 13. 13th ELTA Conference, "A Taste of 21st Century Teaching", Beograd: Univerzitet Singidunum, 15-16 Maj, 2015

Spisak rezultata M42 - Monografija nacionalnog značaja, monografsko izdanje građe,

1. Josifidis K., Lošonc (Losoncz) A., Supić N.: Modeli redistribucije i nejednakost - Eseji. Proleter a.d. Bečej. ISBN: 978-86-6441-006-9, str. 182, 2015
2. Lošonc (Losoncz) A.: Biopolitika gordosti (sa Vladimirom Gvozdenom), strana 73-135, in Gordost (ur. A. Losonc. D. Prole), Novi Sad, Adresa, Novi Sad, 2015, ISBN 978-86-86761-88-0
3. Lošonc (Losoncz) A.: POHLEPA KAO APSTRAK CIJA ROBE (sa Vladimirom Gvozdenom), Novi Sad, Adresa, 2015, str. 13-69, ISBN ISBN 978-86-80268-03

Spisak rezultata M45 - Poglavlje u knjizi M42 ili rad u tematskom zborniku nacionalnog značaja

1. Josifidis K., Lošonc (Losoncz) A.: Josifidis Kosta, Lošonc Alpar (2015). Ekonomske dimenzije transformisane kulture: od „Kulturne političke ekonomije“ do neoliberalno razumevane kulture. Zbornik radova sa naučnog skupa: Globalizacija i kultura. Organizator: Institut društvenih nauka Beograd – Centar za ekonomska istraživanja. Beograd, 2015, str. 117-125
2. Lošonc (Losoncz) A.: Civilitet u kontekstu odnosa između luksuza i vrlina in Humanisticke studije, Podgorica, Univerzitet Donja Gorica, 2015, str. 55-75, ISBN ISSN 2337-0718
3. Lošonc (Losoncz) A.: Da li smo u epohi posle multikulturalizma, in Nacionalni saveti nacionalnih manjina i kultura (ur. D. Radosavljevic, M. Kevezdi, E. Vukasinovic), Novi Sad, Zavod za kulturu Vojvodine, 2015, str. 7-23, ISBN 978-86-85083-99-0
4. Lošonc (Losoncz) A.: Dusan Vasiljev kroz madjarsku prizmu, in Dusan Vasiljev, pesnik rata,, Novi Sad, Društvo knjizevnika Vojvodine, 2015, str. 58-78, ISBN ISBN 978-86-84547-14

Spisak rezultata M51 - Rad u vodećem časopisu nacionalnog značaja

1. Bogdanović V.: Endophoric Markers in ESP Textbooks, Nasleđe, 2015, Vol. 12, No 31, pp. 65-79, ISSN 1820-1768, UDK: 811.111'42 371.671:811.111
2. Nikolić S., Vrgović P., Stanković J., Šafranjan J.: Students' Emotional State and Educational Efficiency: Temptations of Modern Education, The New Educational Review, 2015, Vol. 39, No 1, pp. 153-164, ISSN 1732-6729
3. Šafranjan J.: Advancing Listening Comprehension through Movies, ELSEVIER Procedia - Social and Behavioral Sciences, 2015, pp. 169-173, ISSN 1877-0428

Spisak rezultata M52 - Rad u časopisu nacionalnog značaja

1. Lošonc (Losoncz) A.: 2. Prostor i robno društvo, Sociološki pregled, ISSN 0085-6320, 2015, 3, 279-292, sa V. Gvozdenom,
2. Lošonc (Losoncz) A.: ne mogu da izbrisem , Sociološki pregled, 2015, No 3, pp. 279-292, ISSN 0085-6320
3. Pejić S.: Radivojević, R. i S. Pejić (2015). Materijalno stanje kao osnova socijalne reprodukcije u obrazovnom sistemu u Srbiji. Sociološki godišnjak-Časopis sociološkog društva Republike Srpske Broj 10, 145-157. , Sociološki godišnjak, Casopis Sociološkog društva Republike Srpske, 2015, pp. 145-157, ISSN 86-85047-03-X, UDK: 316
4. Radivojević R.: Radivojević, R. i S. Pejić (2015). Materijalno stanje kao osnova socijalne reprodukcije u obrazovnom sistemu u Srbiji. Sociološki godišnjak-Časopis sociološkog društva Republike Srpske Broj 10, Sociološki godišnjak, Casopis Sociološkog društva Republike Srpske, 2015, No 10, pp. 145-157, ISSN 86-85047-03-X, UDK: 316

Spisak rezultata M53 - Rad u naučnom časopisu

1. Lošonc (Losoncz) A.: Kritički etos političke-ekonomije Džona Keneta Galbrajta , Politikon, 2015, No 10, pp.

37-54, ISSN 2217-883X

Spisak rezultata M63 - Saopštenje sa skupa nacionalnog značaja štampano u celini

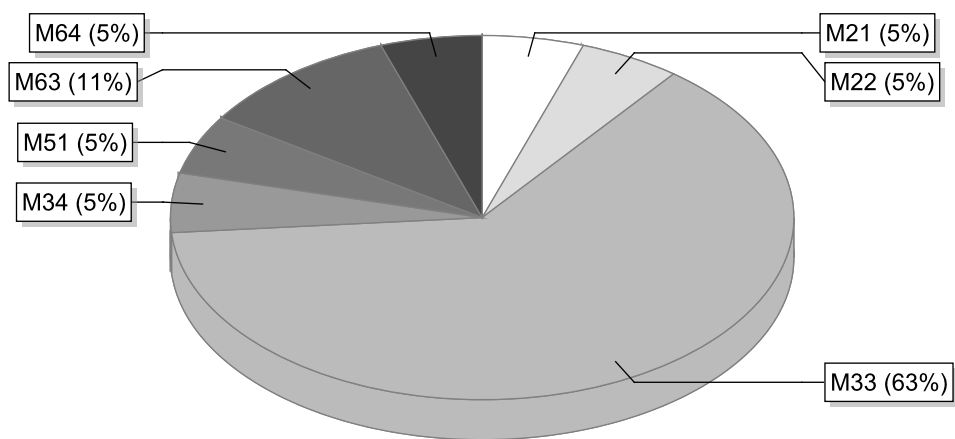
1. Katić M., Šafranjić J., Mirović I.: Prevodjenje naziva titula i zvanja stečenih na Fakultetu tehničkih nauka u Novom Sadu: nekad i sad , 21. TREND - Trendovi razvoja, Zlatibor, 23-26 Februar, 2015

GODIŠNJI IZVEŠTAJ O NAUČNOISTRAŽIVAČKOJ DELATNOSTI

Katedra za animaciju u inženjerstvu

Zbirni pregled naučno istraživačkih rezultata u 2015. godini.

Rezultat	Oznaka, prema oznakama resornog Ministarstva za nauku	Broj
Rad u vrhunskom međunarodnom časopisu	M21	1
Rad u istaknutom međunarodnom časopisu	M22	1
Saopštenje sa međunarodnog skupa štampano u celini	M33	12
Saopštenje sa međunarodnog skupa štampano u izvodu	M34	1
Rad u vodećem časopisu nacionalnog značaja	M51	1
Saopštenje sa skupa nacionalnog značaja štampano u celini	M63	2
Saopštenje sa skupa nacionalnog značaja štampano u izvodu	M64	1



PRODUKCIJA - REZULTATI

Spisak rezultata M21 - Rad u vrhunskom međunarodnom časopisu

1. Tanacs A., Lindblad J., Sladoje N., Kato Z.: Estimation of Linear Deformations of 2D and 3D Fuzzy Objects, Pattern Recognition, 2015, Vol. 48, No 4, pp. 1391-1403, ISSN 0031-3203

Spisak rezultata M22 - Rad u istaknutom međunarodnom časopisu

1. Ilić V., Lindblad J., Sladoje N.: Precise Euclidean distance transforms in 3D from voxel coverage, Pattern Recognition Letters, 2015, Vol. 65, pp. 184-191, ISSN 0167-8655

Spisak rezultata M33 - Saopštenje sa međunarodnog skupa štampano u celini

1. Banjac B., Nenezić M., Malešević B.: Some applications of λ -method for obtaining approximation in filter design , 23. Telekomunikacioni forum TELFOR, Beograd, 24-26 Novembar, 2015, ISBN 978-1-5090-0054-8
2. Delić M., Lindblad J., Sladoje N.: „ α LBP – a Novel Member of the Local Binary Pattern Family Based on α -cutting“, 9. International Symposium on Image and Signal Processing and Analysis, Zagreb, 7-9 Septembar, 2015
3. Lidayova K., Lindblad J., Sladoje N., Frimmel H., Wang C., Smedby O.: Coverage Segmentation of 3D Thin Structures, 5. International Conference on Image Processing Theory, Orleans: IEEE, 10-13 Novembar, 2015, pp. 23-28
4. Lindblad J., Bengtsson E., Sladoje N.: Microscopy Image Enhancement for Cost-Effective Cervical Cancer Screening, 19. Scandinavian Conference on Image Analysis, Kopenhagen: Lecture Notes in Computer Science, Springer , 15-17 Jun, 2015, pp. 440-451, ISBN 978-3-319-19664-0
5. Lindblad J., Sladoje N., Suveer A., Dragomir A., Sintorn I.: High-resolution reconstruction by feature distance minimization from multiple views of an object., 5. International Conference on Image Processing Theory, Orleans: IEEE, 10-13 Novembar, 2015, pp. 29-34
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