

Универзитет у Београду
Технички факултет у Бору
Број: VI/4-25-3
Бор, 14. 02. 2019. године

На основу чл. 49. Статута Техничког факултета у Бору, Наставно научно веће Факултета, на седници одржаној 14. 02. 2019. године, донело је

ОДЛУКУ

I Усваја се Извештај Комисије за обезбеђење и унапређење квалитета о оцени НИР-а у 2018. години.

II Извештај Комисије за обезбеђење и унапређење квалитета о оцени НИР-а у 2018. години, саставни је део ове Одлуке.

Доставити:

- председнику Комисије
- продекану за НИР
- архиви

ПРЕДСЕДНИК
НАСТАВНО-НАУЧНОГ ВЕЋА
ДЕКАН
Проф. др Нада Штрбац



Univerzitet u Beogradu
TEHNIČKI FAKULTET U BORU
Nastavno – naučnom veću

Na osnovu Člana 3. Pravilnika o vrednovanju rezultata naučnog rada nastavnika i saradnika, na Tehničkom fakultetu u Boru, broj VI-4/19-4/2 od 27. 05. 2008. godine, u daljem tekstu **Pravilnik**, Komisija za obezbeđenje i unapređenje kvaliteta, u daljem tekstu **Komisija**, januara meseca 2018. godine, sprovela je postupak vrednovanja rezultata naučno-istraživačkog rada i međunarodne saradnje nastavnika i saradnika, za prethodnu 2017. godinu.

Nakon sprovedenog postupka i obrade dobijenih rezultata Komisija u skladu sa Članom 7. Pravilnika Naučno-nastavnom veću dostavlja sledeći

IZVEŠTAJ
O REZULTATIMA VREDNOVANJA NAUČNOG RADA

1. OPŠTI DEO

Postupak vrednovanja sprovela je Radna grupa Komisije koju su činili:

- Prof. dr Dejan Tanikić, prodekan za NIR i MS, rukovodilac,
- Prof. dr Saša Stojadinović, član i
- Asis. Uroš Stamenković, član.

Vrednovanje rezultata naučnog rada urađeno je januara meseca 2019. godine, a odnosi se na prethodnu kalendarsku godinu, i njime su bili obuhvaćeni svi nastavnici i saradnici koji su u toj godini bili zaposleni na Fakultetu.

U okviru Komisije za obezbeđenje i unapređenje kvaliteta, prodekan za naučnoistraživački rad i međunarodnu saradnju prof. dr Dejan Tanikić, prikupio je i obradio potrebne podatke i sačinio **Godišnji izveštaj o rezultatima ostvarenim u naučnoistraživačkom radu i međunarodnoj saradnji za 2018. godinu**, koji je, kao sastavni deo ovog izveštaja, dat u **prilogu 1**.

Vrednovanje se odnosilo na sledeće reference:

- 1.1. Publikovane monografije i drugo (M13-M14)
- 1.2. Publikovani radovi u međunarodnim časopisima sa IF (M21-M23)
- 1.3. Publikovani radovi u međunarodnim časopisima bez IF (M24)
- 1.4. Saopšteni radovi na međunarodnim skupovima (M31-M34)
- 1.5. Nacionalne monografije (M42)
- 1.6. Publikovani radovi u nacionalnim časopisima (M51-M53)

- 1.7. Saopštteni radovi na nacionalnim skupovima (M63-M64)
- 1.8. Odbranjene doktorske disertacije (M71)
- 1.9. Publikovani udžbenici
- 1.10. Citiranost u 2018.godini (prema SCOPUS-u)
- 1.11. Učešće na međunarodnim projektima
- 1.12. Učešće na projektima koje finansira MPNTR RS
- 1.13. Učešće na projektima koje finansira privreda
- 1.14. Organizacija naučnih skupova
- 1.15. Publikovanje časopisa

Kompletan materijal koji se odnosi na ovo vrednovanje predat je arhivi Fakulteta, na dalje čuvanje.

2. POSEBAN DEO

Nakon obrade podataka dobijenih u postupku vrednovanja zbirni prikaz rezultata naučnog rada dat je u **tabeli 1**.

Upoređivanje ostvarenih rezultata za 2018. godinu sa rezultatima iz prethodnih godina izvršeno je tabelarno i grafički, i to:

- **slika 1**-Pregled broja objavljenih radova grupe rezultata M20 i M50,
- **slika 2**-Pregled broja citata u časopisima sa IF (JCR lista),
- **tabela 2**-Prikaz broja rezultata grupa M30, M60, M70, M80 i M90 i
- **slika 3**-Pregled broja projekata na kojima su učestvovali nastavnici i saradnici.

3. ZAKLJUČCI

Nakon sprovedenog postupka vrednovanja i obrade dobijenih podataka, koje su ostvarili nastavnici i saradnici u oblasti naučnoistraživačkog rada i međunarodne saradnje u 2018. godini, zaključeno je sledeće:

1. U poređenju sa rezultatima postignutim u 2017. godini, rezultati postignuti u 2018. godini slabiji su u sledećim kategorijama:

M20	za 28 referenci ili za	30,10 %
M30	za 62 reference ili za	34,06 %
M40	za 3 reference ili za	75,00 %
M50	za 11 referenci ili za	26,83 %
M60	za 5 referenci ili za	20,00 %
M70	za 3 reference ili za	100,00 %

2. U poređenju sa rezultatima postignutim u 2017. godini, rezultati postignuti u 2018. godini bolji su u sledećim kategorijama:

M10		za 1 referencu ili za	14,28 %
Citiranost	br. radova	za 1 rad ili za	0,40 %
	br. citata	za 103 citata ili za	19,07 %
Projekti za privredu		za 1 projekat ili za	9,09 %

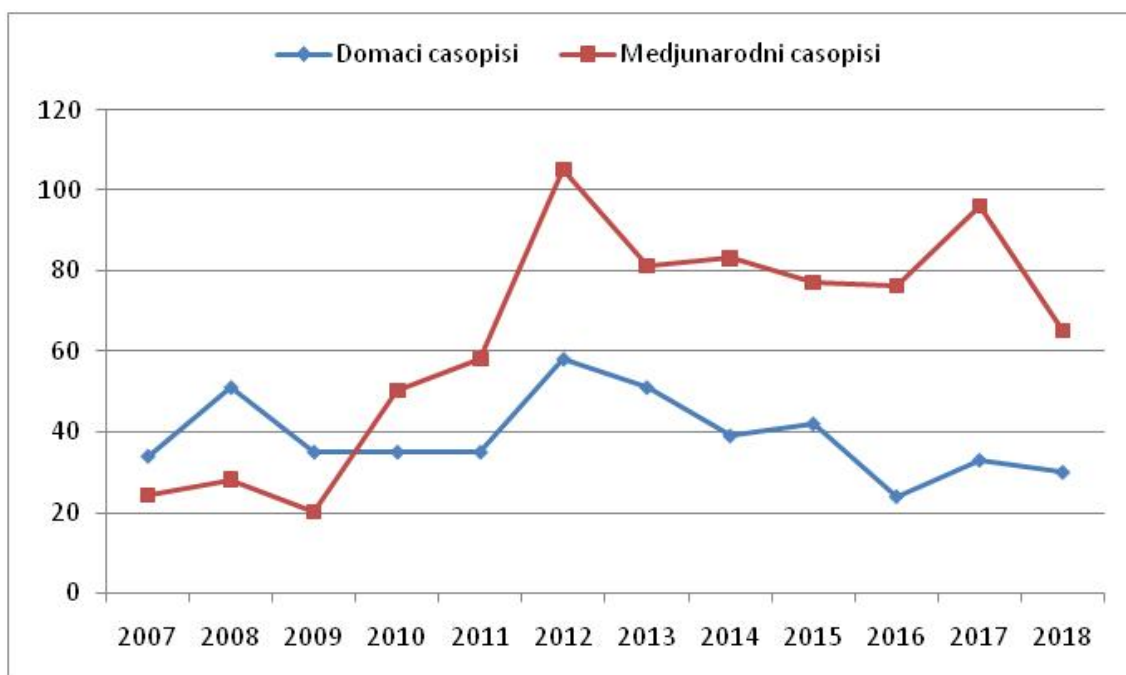
3. U poređenju sa rezultatima postignutim u 2017. godini, rezultati postignuti u 2018. godini ostali su na istom nivou u sledećim kategorijama:

Međunarodni projekti
 Projekti MPNR RS
 Udžbenici
 Organizovanje naučnih skupova
 Publikovanje časopisa

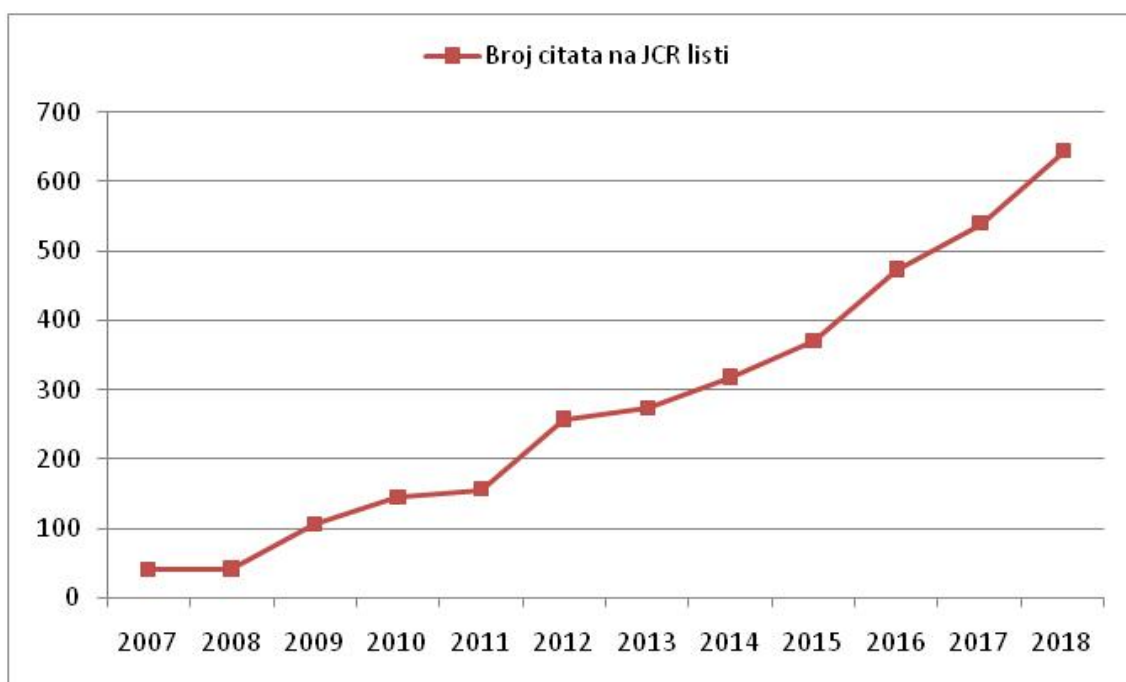
4. Ostvareni rezultati ukupno se ocenjuju kao slabiji u odnosu na 2018. godinu.

Tabela 1 – Zbirni prikaz rezultata NIR-a Tehničkog fakulteta u Boru za 2018. god.

Tip rezultata - kategorija, prema MPNTR RS	Broj ostvarenih rezultata	UKUPNO
M13	4	M10 – 8
M14	2	
M17	2	
M21a + M21	3+6=9	M20 - 65
M22	15	
M23	24	
M24	14	
M29a	1	
M29b	1	
M29v	1	
M31	6	M30 - 120
M32	2	
M33	89	
M34	22	
M36	1	
M42	1	M40 – 1
M51	7	M50 – 30
M52	10	
M53	11	
M55	2	
M61	5	M60 – 20
M62	1	
M63	7	
M64	6	
M66	1	
Udžbenici	5	5
Citiranost	222 rada citirana 643 puta	
Projekti finansirani od strane MPNTR RS	26	
Međunarodni projekti	8	
Projekti finansirani od strane privrede i ostali projekti	12	
Učešće u organizaciji naučnih skupova	5 međunarodnih naučnih skupova + 1 međunarodna studentska konferencija	
Publikovani časopisi	4 naučna časopisa + 1 studentski časopis	



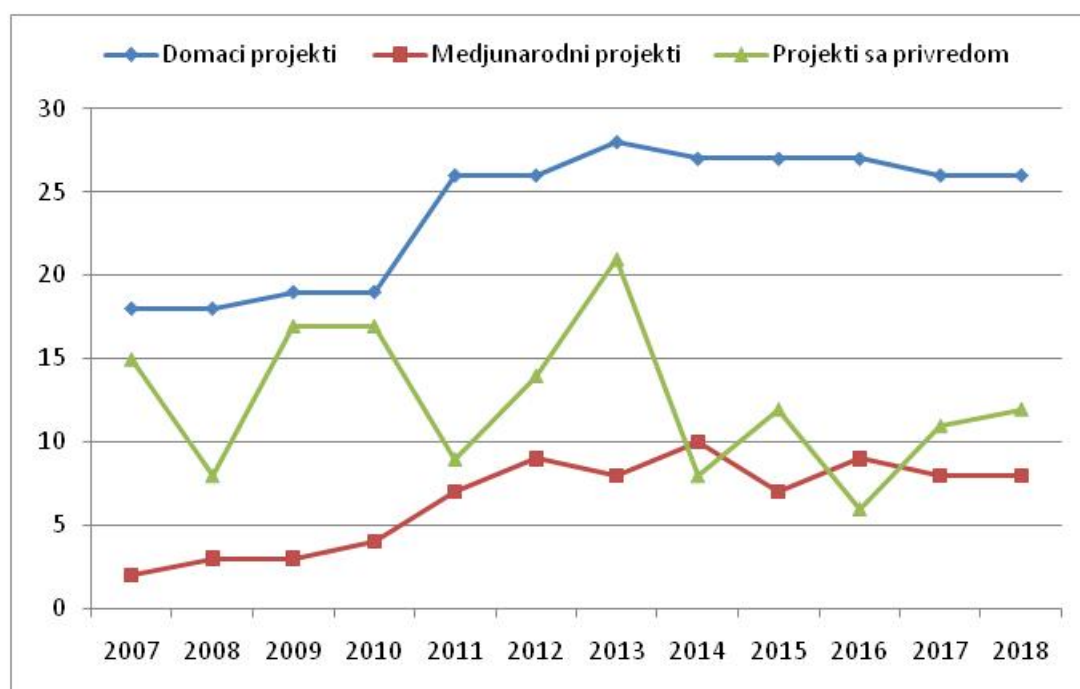
Slika 1 – Grafički pregled broja objavljenih radova grupe rezultata M20 i M50 za period od 2007. do 2018. godine



Slika 2 – Grafički pregled broja citata u časopisima sa IF (JCR lista) za period od 2007. do 2018. godine

Tabela 2 – Pregled broja rezultata grupa M30, M60, M70 i M80 za period od 2010. do 2018. godine

Godina	2010.	2011.	2012.	2013.	2014.	2015.	2016.	2017.	2018.
Saopštenja na međunarodnim skupovima (M30)	107	179	161	174	165	191	158	175	120
Saopštenja na domaćim skupovima (M60)	68	79	70	44	32	33	6	24	20
Odbrane doktorske disertacije (M70) (samo zaposleni na TF Bor)	9	1	8	8 (3+5)	1	9 (1+8)	4	3	0
Tehničko-razvojna rešenja (M80)	6	2	8	9	4	6	0	0	0



Slika 3 – Grafički pregled broja projekata na kojima su učestvovali nastavnici i saradnici za period od 2007. do 2018. godine

Prilog: Godišnji izveštaj o rezultatima NIR-a za 2018. godinu

U Boru, februar 2019. godine

za Komisiju predsednik

Prof. dr Saša Stojadinović

Dostavljeno:

- 1x Nastavno-naučnom veću
- 1x Arhivi Fakulteta
- 1x Arhivi Komisije

Prilog 1

**Godišnji izveštaj o rezultatima ostvarenim u naučnoistraživačkom radu i
međunarodnoj saradnji za 2017. godinu**

Универзитет у Београду,
Технички факултет у Бору

**Годишњи извештај о резултатима
оствареним у научно-истраживачком
раду и међународној сарадњи за
2018. годину**

Бор,
фебруар 2019. године

ОСНОВНИ ПОДАЦИ

Годишњи извештај о раду у области научно-истраживачког рада и међународне сарадње (НИР и МС) на Техничком факултету у Бору за 2018. годину састоји се из следећих прилога:

- Списак референци наставника и сарадника са ТФ Бор (М10 - М90), Прилог 1
- Списак цитираних радова наставника и сарадника са ТФ Бор, Прилог 2
- Списак домаћих пројеката на којима су укључени наставници и сарадници са ТФ Бор, Прилог 3
- Списак међународних пројеката на којима су укључени наставници и сарадници са ТФ Бор, Прилог 4
- Списак пројеката остварених у сарадњи са привредом на којима су укључени наставници и сарадници са ТФ Бор, Прилог 5
- Списак осталих активности факултета од значаја за НИР и МС (издавачка делатност, научни скупови, билатерална сарадња, учешће на сајмовима, научна предавања и друге активности), Прилог 6

У складу са *Правилником о поступку, начину вредновања и квантитативном исказивању научноистраживачких резултата истраживача* извршена је класификација резултата научно-истраживачког рада које су остварили истраживачи запослени на Техничком факултету у Бору. Увидом у резултате НИР-а на ТФ Бор, оствареним током 2018. године, који су представљени у прилозима може се закључити следеће:

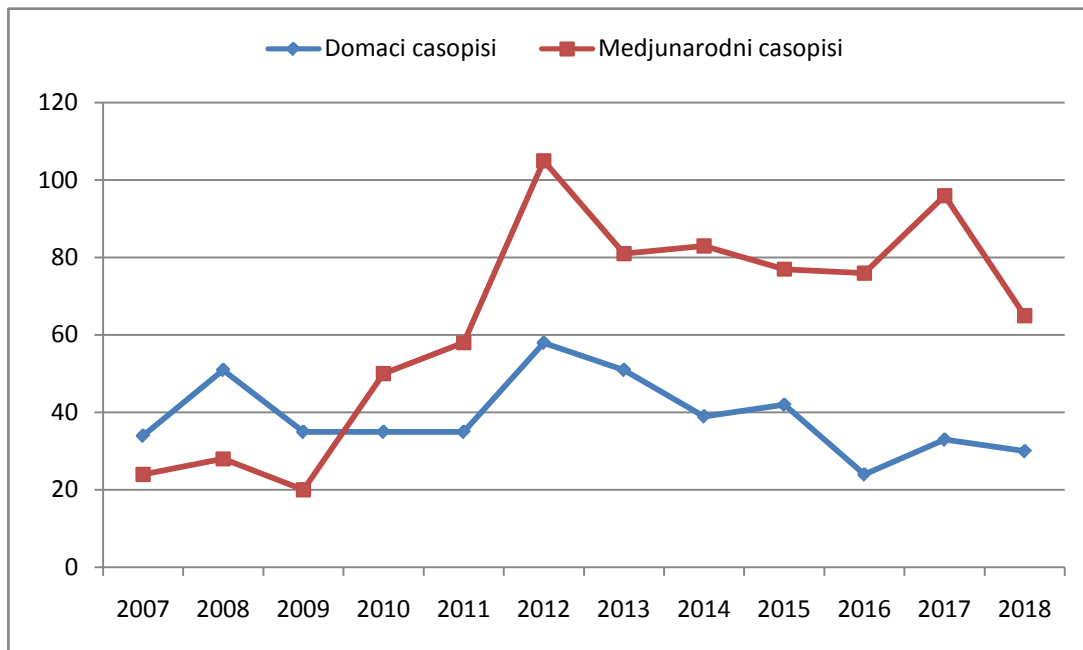
1. Публиковане монографске студије и радови у међународним часописима, категорије М10+М20: $8+65=73$ рада
2. Публиковани радови у националним часописима, категорије М50: 30 радова
3. Публиковане монографије, зборници радова, уџбеници: 1 монографија категорије М40, 1 зборник са међународног научног скупа категорије М30 и 5 уџбеника
4. Саопштени радови на међународним (М30) и националним (М60) скуповима: $120+20=140$ радова
5. Ангажовање на пројектима:
 - а. Пројекти код Министарства просвете науке и технолошког развоја Републике Србије: 26 (4 ИИИ, 9 ОИ, 13 ТР, од тога 5 пројекта на којима су руководиоци истраживачи са ТФ Бор)
 - б. Међународни пројекти: 8
 - с. Пројекти финансирани од стране привреде и остали пројекти: 12
6. Цитираност у 2018. години (SCOPUS резултати): 222 рада цитирана 643 пута

Збирни приказ резултата НИР-а за 2018. годину дат је у Табели 1.

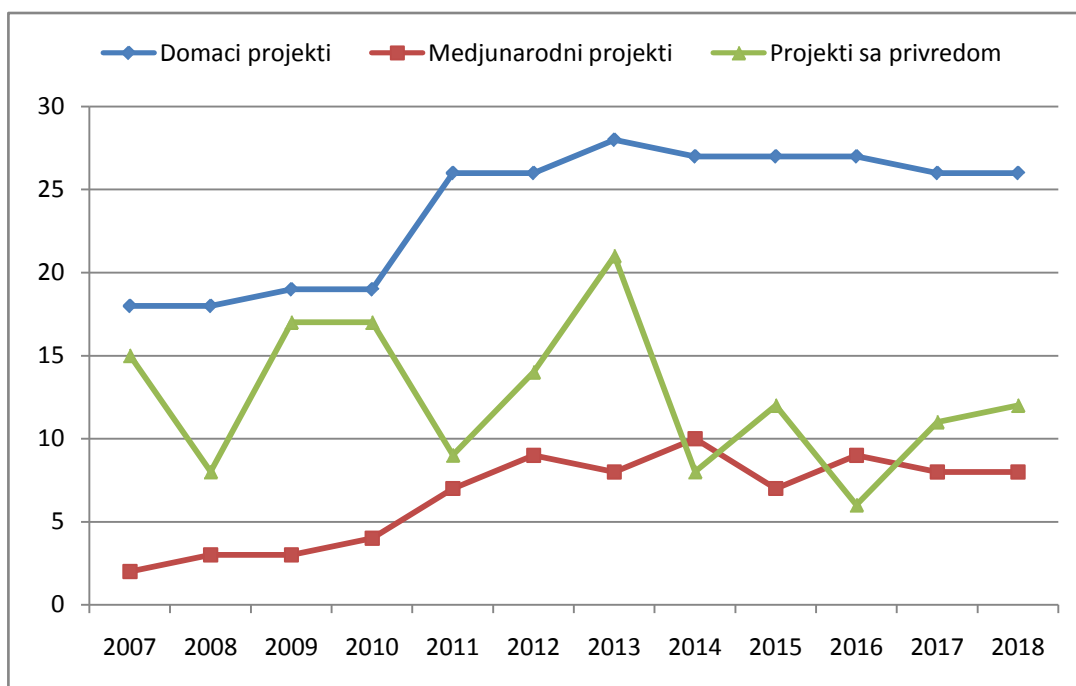
Табела 1. Збирни приказ резултата НИР-а Техничког факултета у Бору за 2018. год.

Тип резултата - категорија, према МПНТР РС	Број остварених резултата	УКУПНО
M13	4	M10 - 8
M14	2	
M17	2	
M21a + M21	3+6=9	M20 - 65
M22	15	
M23	24	
M24	14	
M29a	1	
M29b	1	
M29v	1	
M31	6	M30 - 120
M32	2	
M33	89	
M34	22	
M36	1	
M42	1	M40 - 1
M51	7	M50 - 30
M52	10	
M53	11	
M55	2	
M61	5	M60 - 20
M62	1	
M63	7	
M64	6	
M66	1	
Уџбеници	5	5
Цитираност	222 рада цитирана 643 пута	
Пројекти финансирани од стране МПНТР РС	26	
Међународни пројекти	8	
Пројекти финансирани од стране привреде и остали пројекти	12	
Учешће у организацији научних скупова	5 међународна научна скупа + 1 међународна студентска конференција	
Публиковани часописи	4 научна часописа + 1 студентски часопис	

У наставку је, на Сликама 1.-3. и у Табели 2., дат компаративни приказ резултата остварених на ТФ Бор за претходни период (од 2007. године до данас).



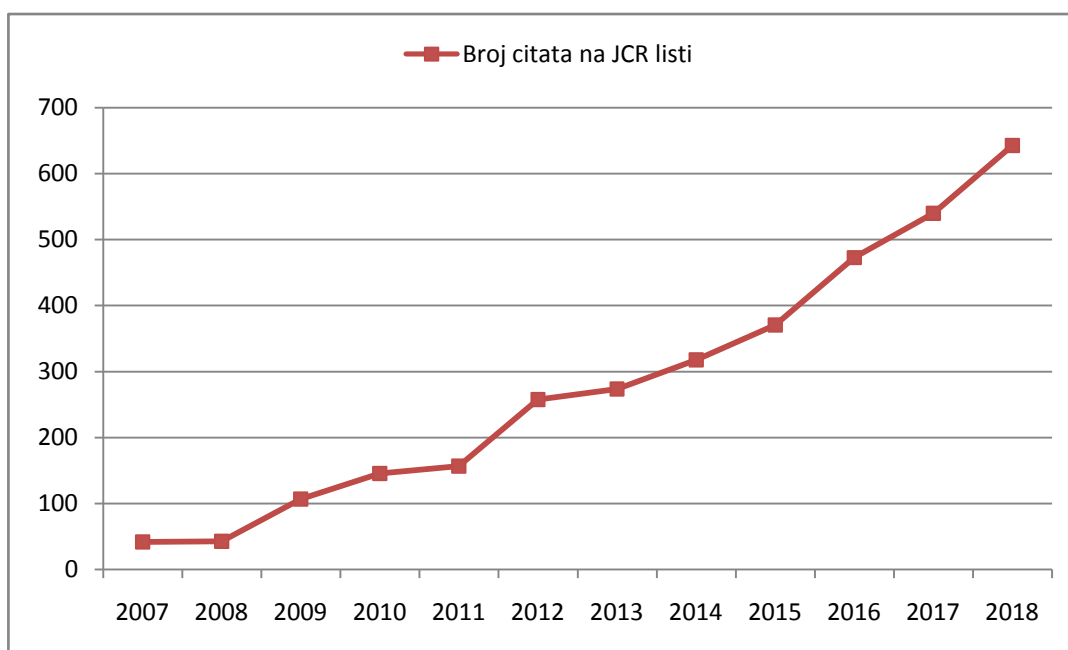
Слика 1. Компаративни приказ броја радова објављених у међународним и домаћим часописима (M20 и M50) на ТФ Бор у периоду 2007. – 2018. год.



Слика 2. Компаративни приказ броја домаћих, међународних и пројеката са привредом реализованих на ТФ Бор у периоду 2007. – 2018. год.

Година	2010.	2011.	2012.	2013.	2014.	2015.	2016.	2017.	2018.
Саопштења на међународним скуповима (M30)	107	179	161	174	165	191	158	175	120
Саопштења на домаћим скуповима (M60)	68	79	70	44	32	33	6	24	20
Одбрањене докторске дисертације (M70) (само запослени на ТФ Бор)	9	1	8	8 (3+5)	1	9 (1+8)	4	3	0
Техничко-развојна решења (M80)	6	2	8	9	4	6	0	0	0

Табела 2. Компаративни приказ броја резултата категорија M30, M60, M70 и M80 у периоду 2010. – 2018. год.



Слика 3. Компаративни приказ броја цитата на ЈСР листи за ТФ Бор у периоду 2007. – 2018. год.

Када се у обзир узме актуелно стање и постојећи проблеми у просвети и науци у Србији данас, остварени резултати активности из области НИР и МС могу се сматрати задовољавајућим. Поређење са претходним периодом указује на значајнији квантитативни пад броја објављених радова у међународним часописима – M20: 2012.год.-97, 2013.год.-81, 2014.год.-83, 2015.год.-77, 2016.год.-76 и 2017.год.-96, 2018.год.-65, као и нешто блажи пад у броју публикованих радова у домаћим часописима – M50: 2012.год.-58, 2013.год.-51, 2014.год.-39, 2015.год.-42, 2016.год.-24 и 2017.год.-33, 2018.год.-30, Слика 1.

Током 2018. године настављено је финасирање текућих пројекта од стране Министарства просвете, науке и технолошког развоја Републике Србије, при чему је број пројекта на којима су учествовали истраживачи са ТФ Бор на истом нивоу као и претходних година. Истраживачи са ТФ Бор учествовали су током 2018. године на 8 међународних пројекта, идентично као и претходне године. У области сарадње са привредом, у 2018. години урађена су 6 пројекта, 1 студија и 2 елабората, као и 3 техничке контроле пројекта и вештачења, Слика 2.

Квантитативни пад се уочава у броју саопштења на међународним скуповима – М60: 2012.год.-161, 2013.год.-174, 2014.год.-165, 2015.год.-191, 2016.год.-158, 2017.год.-175, 2018.год.-120, а нешто блажи пад и у броју саопштења на домаћим скуповима – М60: 2012.год.-70, 2013.год.-44, 2014.год.-32, 2015.год.-33, 2016.год.-6 и 2017.год.-24, 2018.год.-20, Табела 2.

Што се тиче цитираности, уочава се значајније повећање броја цитираних радова као и укупног броја цитата на JCR листи: 2012.год.-111 радова цитираних 258 пута, 2013.год.-112 радова цитираних 274 пута, 2014.год.-145 радова цитираних 318 пута, 2015.год.-157 радова цитираних 371 пут, 2016.год.-202 рада цитираних 474 пута и 2017.год.-221 рад цитиран 540 пута, 2018.год.-222 рада цитираних 643 пута, Слика 3.

Радови категорије M21-M23 које су током 2017. године публиковали запослени на Техничком Факултету у Бору припадају следећим научним областима:

Chemistry, Physical (7 радова), Materials Science, Multidisciplinary (7 радова), Metallurgy & Metallurgical Engineering (4 рада), Economics (2 рада), Environmental Studies (2 рада), Environmental Sciences (7 радова), Ecology, Engineering, Civil (2 рада), Water Resources (3 рада), Operations Research & Management Science, Mathematics, Applied, Physics, Atomic, Molecular & Chemical, Engineering, Mechanical, Thermodynamics (5 радова), Mining & Mineral Processing, Multidisciplinary Sciences, Chemistry, Analytical, Engineering, Electrical & Electronic (7 радова), Engineering, Chemical, Computer Science, Hardware & Architecture, Computer Science, Interdisciplinary Applications (2 рада), Business (2 рада), Acoustics, Engineering, Environmental, Computer Science, Artificial Intelligence (4 рада), Mathematics, Automation & Control Systems, Computer Science, Information Systems, Chemistry, Applied, Engineering, Chemical, Transportation Science & Technology (2 рада), Physics, Fluids & Plasmas, Materials Science, Textiles, Chemistry, Multidisciplinary, Management, Materials Science, Characterization & Testing.

Током 2018. године, на Техничком Факултету у Бору је штампан приближно исти број уџбеничке литературе као и ранијих година а ситуација је идентична као и претходне године и када је у питању издавање часописа. Факултет је наставио да издаје своја четири традиционална часописа:

- Journal of Mining and Metallurgy, Section A: Mining (JMM-A)
- Journal of Mining and Metallurgy, Section B: Metallurgy (JMM-B)
- Serbian Journal of Management (SJM)
- Recycling and Sustainable Development (RSD)

Од 2016. године Технички факултет у Бору издаје и први студентски часопис „Engineering Management“.

Током протекле године Технички факултет у Бору је учествовао у организацији пет научних скупова:

- XXVI International Conference Ecological Truth and Environmental Research (EcoTER 2018), Борско језеро, Србија, 12.-15. јун 2018. године
- 14th International May Conference on Strategic Management (MKSM 2018), Бор, 25.-27. мај 2018. године
- 50th International October Conference on Mining and Metallurgy (IOC 2018), Борско језеро, 30. септембар - 03. октобар 2018. године
- 8th International Symposium on Environmental and Materials Flow Management (EMFM 2018), Зеница, Босна и Херцеговина, 14.-16. новембар 2018. године
- XII Savjetovanje hemičara, tehnologa i ekologa RS, Бања Врућица, Теслић, Босна и Херцеговина, 02.-03. новембар 2018. године

У оквиру скупа МКСМ 2018 организован је студентски симпозијум: 14. Студентски симпозијум о стратегијском менаџменту, док је у оквиру скупа EcoTER 2018 организована студентска секција.

Током 2018. године настављена је сарадња са многобројним организацијама из земље и иностранства. Потписани су бројни билатерални споразуми и уговори о пословно-техничкој сарадњи са релевантним високошколским организацијама, научним институтима и другим установама из сродних области из Србије и иностранства.

Настављен је рад академских мрежа у којима је ТФ Бор активан партнер: Resita Network, MET-NET мрежа, EURAXESS žamre Српска национална мрежа технолошких брокера. Кроз актуелне међународне пројекте и скупове које Факултет организује, остварени су даљи значајни контакти са академским и научним институцијама, са циљем развоја даљих активности у смислу међународне размене студената и наставног особља.

У току 2018. године остварена је мобилност студената и наставника у оквиру међународних пројеката. Тако су, у оквиру програма Европске уније ERASMUS+KA1 студенти основних студија одсека за Инжењерски менаџмент у току пролећног семестра 2018. године имали могућност да део школовања остваре у иностранству (Мађарска), док су у оквиру међународног SATREPS пројекта, који се већ дужи низ година реализује са Јапаном, студенти основних студија из Јапана боравили на Техничком факултету у Бору.

Акције везане за промоцију и популаризацију науке код младих настављене су и током 2018. године – одржан је Први међународни фестивал науке Тимочки научни торнадо у Видину, Борска Ноћ истраживача – БОНИС 2018, одржана на градском шеталишту у Бору, Фестивал науке ТНТ Бор 2018, одржан у просторијама

О.Ш. „3. октобар“ у Бору, као и Фестивал науке ТНТ Неготин 2018, одржан у просторијама О.Ш. „Вук Караџић“ у Неготину.

У оквиру прославе Дана студената Универзитета у Београду (4. април 2018. године) одржана је манифестација „Дан отворених врата“ са циљем упознавања будућих бруцоша са могућностима студирања на Техничком Факултету у Бору. Дана 1. октобра 2018. године, на Техничком факултету у Бору, обележен је почетак нове школске године традиционалном манифестацијом „Open Day 2018“.

Технички Факултет у Бору је у 2018. години имао и запажено учешће на четири сајма: Први Сајам образовања Универзитета у Београду, 11. Сајам образовања и стипендија “Моја каријера, мој избор” у Нишу, 62. Међународни сајам технике и техничких достигнућа у Београду и 49. Сајам образовања и наставних средстава „Образована Србија, успешна Србија“ у Београду.

На основу свега изложеног може се закључити да су резултати у области научно-истраживачког рада и међународне сарадње на Техничком факултету у Бору, Универзитета у Београду, током 2018. године били задовољавајући, али да свакако треба радити на томе да они у предстојећем периоду буду још бољи.

у Бору, 28. 01. 2018. године

Подносилац извештаја

проф. др Дејан Таникић
продекан за НИР и МС ТФ Бор

Prilog 1.

**PREGLED REZULTATA NIR-A KOJE SU OSTVARILI NASTAVNICI I SARADNICI
TEHNIČKOG FAKULTETA U BORU U 2018. GODINI**

Tip rezultata/kategorija prema MPNTR RS	Broj ostvarenih rezultata
M13	4
M14	2
M17	2
M21a	3
M21	6
M22	15
M23	24
M24	14
M29a	1
M29b	1
M29v	1
M31	6
M32	2
M33	89
M34	22
M36	1
M42	1
M51	7
M52	10
M53	11
M55	2
M61	5
M62	1
M63	7
M64	6
M66	1
Udžbenici	5

M13 - 4

1. D. Živković, V. Stanković, S. Šerbula, T. Kalinović, M. Gorgievski: Ecological status of the Timok River and its main tributaries flowing through the copper mining and smelting area, Editors: Snežana Šerbula, Publisher: Универзитета у Београду, Технички факултет у Бору, Printed by TERCIJA Bor, ISBN 978-86-6305-077-8, pp. 1 - 24, 2018
2. T. Kalinović, S. Šerbula, J. Milosavljević, A. Radojević, J. Kalinović: Aspects of investigations in phytoremediation, Editors: Snežana M. Šerbula, Publisher: University of Belgrade, Technical Faculty in Bor, Printed by University of Belgrade, Technical Faculty in Bor, ISBN 978-86-6305-080-8, pp. 59 - 91, 2018
3. M. Antonijević, Ž. Tasić, M. Petrović, A. Simonović, M. Radovanović: EXPIRED ANTIBIOTICS AS POSSIBLE SOLUTION FOR CORROSION OF METALS CAUSED BY ACID RAIN, Editors: Snežana M. Šerbula, Publisher: University of Belgrade, Technical Faculty in Bor, ISBN 978-86-6305-080-8, pp. 93 - 120, 2018
4. M. Rajčić Vujasinović, V. Grekulović, Z. Stević, A. Mitovski: Electrochemical behaviour of AgCu alloy, Editors: S. Šerbula, Publisher: University of Belgrade, Technical Faculty in Bor, ISBN 978-86-6305-077-8, pp. 121 - 146, 2018

M14 - 2

1. S. Cipriana, D. Stanujkić: Dynamics of the number of foreign tourists in Romania, Publisher: MEF, Printed by Tercija, ISBN 978-86-84531-37-9, pp. 462 - 479, 2018
2. D. Stanujkić, F. Smarandache, E. Zavadskas, D. Karabašević: An approach to measuring the website quality based on neutrosophic sets, Publisher: Florentin Smarandache, Surapati Pramanik, Printed by Pons Editions, ISBN 978-1-59973-559-7, pp. 40 - 50, 2018

M17 - 2

1. S. Šerbula: MONOGRAPH ECOLOGICAL TRUTH AND ENVIRONMENTAL RESEARCH, Editors: Snežana M. Šerbula, Publisher: University of Belgrade, Technical Faculty in Bor, Printed by University of Belgrade, Technical Faculty in Bor, ISBN 978-86-6305-080-8, pp. i - 159, 2018
2. S. Šerbula: Ecological Truth and Environmental Research, Editors: Snežana Šerbula, Publisher: University of Belgrade, Technical Faculty in Bor, Printed by "TERCIJA" Bor, ISBN 978-86-6305-077-8, pp. i - 146, 2018

M21a - 3

1. I. Marković, S. Ivanov, U. Stamenković, R. Todorović, A. Kostov: Annealing behavior of Cu-7at.%Pd alloy deformed by cold rolling, Journal of Alloys and Compounds, ISSN 0925-8388, Vol. 768, pp. 944 - 952, 2018, [Impact factor (IF) 3.779/2017]
2. T. Holjevac Grgurić, D. Manasijević, S. Kožuh, I. Ivanić, I. Anžel, B. Kosec, M. Bizjak, E. Govorčin Bajsić, L. Balanović, M. Gojić: The effect of the processing parameters on the martensitic transformation of Cu-Al-Mn shape memory alloy, Journal of Alloys and

Compounds, ISSN 0925-8388, Vol. 765, pp. 664 - 676, 2018, [Impact factor (IF) 3.779/2017]

3. Đ. Nikolić, I. Mihajlović, A. Fedajev, Ž. Živković, S. Arsić: A New Approach Within ANP-SWOT Framework for Prioritization of Ecosystem Management and Case Study of National Park Djerdap, Serbia, Ecological Economics, ISSN 0921-8009, Vol. 146, No. April, pp. 85 - 95, 2018, [Impact factor (IF) 3.895/2017]

M21 - 6

1. J. Marković-Branković, M. Marković, Đ. Nikolić: Comparative study of hydraulic structures alternatives using promethee II complete ranking method, Water Resources Management, ISSN 0920-4741, Vol. 32, No. 10, pp. 3457 - 3471, 2018, [Impact factor (IF) 2.871/2017]
2. P. Stanimirović, B. Ivanov, S. Djordjević, I. Brajević: New Hybrid Conjugate Gradient and Broyden-Fletcher-Goldfarb-Shanno Conjugate Gradient Methods, Journal of Optimization Theory and Applications, ISSN 0022-3239, Vol. 178, No. 3, pp. 860 - 884, 2018, [Impact factor (IF) 1.579/2016]
3. Ž. Tasić, M. Petrović, M. Radovanović, M. Antonijević: Electrochemical investigations of copper corrosion inhibition by azithromycin in 0.9% NaCl, Journal of Molecular Liquids, Vol. 265, pp. 687 - 692, 2018, [Impact factor (IF) 4.513/2017]
4. D. Klimenta, B. Perović, J. Klimenta, M. Jevtić, M. Milovanović, I. Krstić: Modelling the thermal effect of solar radiation on the ampacity of a low voltage underground cable, International Journal of Thermal Sciences, ISSN 1290-0729, Vol. 134, pp. 607 - 516, 2018, [Impact factor (IF) 3.361/2017]
5. I. Mladenović-Ranisavljević, L. Takić, Đ. Nikolić: Water Quality Assessment Based on Combined Multi-Criteria Decision-Making Method with Index Method, Water Resources Management, ISSN 0920-4741, Vol. 32, No. 7, pp. 2261 - 2276, 2018, [Impact factor (IF) 2.871/2019]
6. S. Petrović, G. Bogdanović, M. Antonijević: Leaching of chalcopyrite with hydrogen peroxide in hydrochloric acid solution, Transactions of Nonferrous Metals Society of China, ISSN 1003-6326, Vol. 28, No. 7, pp. 1444 - 1455, 2018, [Impact factor (IF) 1,795/2017]

M22 - 15

1. Ž. Tasić, M. Petrović, M. Radovanović, A. Simonović, M. Antonijević: Cephradine as corrosion inhibitor for copper in 0.9% NaCl solution, Journal of Molecular Structure, Vol. 1159, pp. 46 - 54, 2018, [Impact factor (IF) 2.011/2017]
2. Ž. Stević, Ž. Stjepanović, Z. Božičković, D. Das, D. Stanujkić: Assessment of Conditions for Implementing Information Technology in a Warehouse System: A Novel Fuzzy PIPRECIA Method, Symmetry, ISSN 2073-8994, Vol. 10, No. 11, pp. 586, 2018, [Impact factor (IF) 1.256/2017]
3. D. Milisavljević, D. Minić, M. Premović, D. Manasijević, N. Košanin: Experimental examination and thermodynamic description of the ternary Ag-Ge-In system,

Thermochimica Acta, ISSN 0040-6031, Vol. 665, pp. 1 - 10, 2018, [Impact factor (IF) 2.189/2017]

4. D. Voza, M. Vuković: The assessment and prediction of temporal variations in surface water quality—a case study, *Environmental Monitoring and Assessment*, ISSN 1573-2959, Vol. 190, pp. 434 - 450, 2018, [Impact factor (IF) 1.804/2017]
5. S. Alagić, S. Tošić, M. Dimitrijević, M. Nujkić, A. Papludis, V. Fogl: The content of the potentially toxic elements, iron and manganese in the grapevine cv Tamjanika growing near the biggest copper mining/metallurgical complex on the Balkan peninsula: Phytoremediation, biomonitoring and some toxicological aspects, *Environmental Science and Pollution Research*, ISSN 0944-1344, Vol. 25, No. 34, pp. 34139 - 34154, 2018, [Impact factor (IF) 2.800/2017]
6. N. Tošković, D. Minić, M. Premović, D. Manasijević, A. Đorđević, A. Marković: Experimental Investigation of the Ternary Ge-Sn-In and Ge-Sn-Zn Systems, *Journal of Phase Equilibria and Diffusion*, ISSN 1547-7037, Vol. 39, No. 6, pp. 933 - 943, 2018, [Impact factor (IF) 1.315/2017]
7. M. Radulescu, A. Fedajev, C. Sinisi, C. Popescu, S. Iacob: Europe 2020 Implementation as Driver of Economic Performance and Competitiveness. Panel Analysis of CEE Countries, *Sustainability*, Vol. 10, No. 2, 2018, [Impact factor (IF) 2,075/2018]
8. D. Klimenta, B. Perović, J. Klimenta, M. Jevtić, M. Milovanović, I. Krstić: Controlling the thermal environment of underground cable lines using the pavement surface radiation properties, *IET Generation, Transmission & Distribution*, ISSN 1751-8687, Vol. 12, No. 12, pp. 2968 - 2976, 2018, [Impact factor (IF) 2.618/2017]
9. M. Egerić, I. Smičiklas, A. Mraković, M. Jović, M. Šljivić-Ivanović, J. Sokolović, M. Ristić: Separation of Cu(II) ions from synthetic solutions and wastewater by raw and calcined seashell waste, *Desalination and Water Treatment*, ISSN 1944-3994, Vol. 132, No. November, pp. 205 - 214, 2018, [Impact factor (IF) 1.383/2018]
10. V. Despotović, T. Skovranek, Z. Perić: One-parameter fractional linear prediction, *Computers and Electrical Engineering*, ISSN 0045-7906, Vol. 69, pp. 158 - 170, 2018, [Impact factor (IF) 1.747/2017]
11. D. Karabašević, E. Zavadskas, D. Stanujkić, G. Popović, B. Miodrag: An approach to personnel selection in the IT industry based on the EDAS method, *Transformations in Business & Economics*, ISSN 1648-4460, Vol. 17, No. 2, pp. 54 - 65, 2018, [Impact factor (IF) 1.112/2017]
12. V. Despotović, O. Walter, R. Haeb-Umbach: Machine learning techniques for semantic analysis of dysarthric speech: An experimental study, *Speech Communication*, ISSN 0167-6393, Vol. 99, pp. 242 - 251, 2018, [Impact factor (IF) 1.585/2017]
13. D. Klimenta, B. Perović, J. Klimenta, M. Jevtić, M. Milovanović, I. Krstić: Controlling the thermal environment of underground power cables adjacent to heating pipeline using the pavement surface radiation properties, *Thermal Science*, Vol. 22, No. 6A, pp. 2625 - 2640, 2018, [Impact factor (IF) 1.433/2017]

14. B. Stojčetić, Đ. Nikolić, Ž. Živković, D. Bogdanović: SWOT-AHP method application to determine current energy situation and define strategies for energy security improvement, THERMAL SCIENCE, ISSN 0354-9836, 2018, [Impact factor (IF) 1.433/2017]
15. D. Klimenta, B. Perović, J. Klimenta, M. Jevtić, M. Milovanović, I. Krstić: Controlling the thermal environment of underground power cables adjacent to heating pipeline using the pavement surface radiation properties, Thermal Science, ISSN 0354-9836, pp. 1 - 14, 2018, [Impact factor (IF) 1.433/2017]

M23 - 24

1. A. Đorđević, M. Premović, D. Minić, V. Čosović, M. Živković, D. Manasijević, M. Kolarević: Experimental Evaluation of 300 °C section of Cu-In-Ni Phase Diagram, Hardness and Electrical Conductivity of Selected Alloy, Materials Research, ISSN 1516-1439, Vol. 21, No. 3, pp. e20170699, 2018, [Impact factor (IF) 1.103/2017]
2. J. Sokolović, S. Miskovic: The effect of particle size on coal flotation kinetics: A review, Physicochemical Problems of Mineral Processing, ISSN 1643-1049, Vol. 54, No. 4, pp. 1172 - 1190, 2018, [Impact factor (IF) 1.200/2018]
3. N. Nikolic, I. Jovanović, Đ. Nikolić, I. Mihajlović, P. Schulte: Investigation of the Factors Influencing SME Failure as a Function of Its Prevention and Fast Recovery after Failure, Entrepreneurship Research Journal, ISSN 2157-5665, 2018, [Impact factor (IF) 1.250/2017]
4. M. Radovanović, Ž. Tasić, M. Petrović, M. Antonijević: Corrosion protection of brass in HCl solution by L-cysteine and cationic surfactant, Advances in Materials Science and Engineering, Vol. 2018, 2018, [Impact factor (IF) 1.372/2017]
5. A. de Souza, F. Aristone, M. Veličković, U. Kumar: Evaluation of Variations in Ground-Level Ozone (O₃) Concentrations, Ozone: Science & Engineering, ISSN 0191-9512, Vol. 40, No. 3, pp. 237 - 247, 2018, [Impact factor (IF) 1.232/2017]
6. Z. Perić, B. Denić, V. Despotović: Three-Level Delta Modulation with Second-Order Prediction for Gaussian Source Coding, Advances in Electrical and Computer Engineering, ISSN 1582-7445, Vol. 18, No. 3, pp. 119 - 124, 2018, [Impact factor (IF) 0.699/2017]
7. I. Đolović, K. Petković, E. Malkowsky: Matrix Mappings and General Bounded Linear Operators on the Space bv , MATHEMATICA SLOVACA, Vol. 68, No. 2, pp. 405 - 414, 2018
8. B. Denić, Z. Perić, V. Despotović, N. Vučić, P. Petrović: Dual-mode quasi-logarithmic quantizer with embedded G.711 codec, Journal of Electrical Engineering, ISSN 1335-3632, Vol. 69, No. 1, pp. 46 - 51, 2018, [Impact factor (IF) 0.508/2017]
9. Z. Perić, B. Denić, V. Despotović: Multilevel Delta Modulation with Switched First-Order Prediction for Wideband Speech Coding, Elektronika ir Elektrotehnika, ISSN 1392-1215, Vol. 24, No. 1, pp. 46 - 51, 2018, [Impact factor (IF) 1.088/2017]
10. Z. Perić, B. Denić, V. Despotović, N. Vučić: Forward adaptive Laplacian source coding based on restricted quantization, Information Technology and Control, ISSN 1392-124X, Vol. 47, No. 2, pp. 209 - 219, 2018, [Impact factor (IF) 0.800/2017]

11. I. Manasijević, L. Balanović, T. Holjevac Grgurić, D. Minić, M. Gorgievski: Study of microstructure and thermal properties of the low-melting Bi-In-Sn eutectic alloys, *Materials Research*, ISSN 1516-1439, Vol. 21, No. 6, pp. 1 - 8, 2018, [Impact factor (IF) 1.278/2017]
12. V. Stanković, V. Milošević, D. Miličević, M. Gorgievski, G. Bogdanović: REPROCESSING OF THE OLD FLOTATION TAILINGS DEPOSITED ON THE RTB BOR TAILINGS POND – A CASE STUDY, *Chemical Industry and Chemical Engineering Quarterly / CICEQ*, ISSN 1451-9372, Vol. 24, No. 4, pp. 333 - 344, 2018, [Impact factor (IF) 1,020/2017]
13. S. Dimitrijević P., D. Manasijević, Ž. Kamberović, S. Dimitrijević B., M. Mitrić, M. Gorgievski, S. Mladenović: Experimental Investigation of Microstructure and Phase Transitions in Ag-Cu-Zn Brazing Alloys, *Journal of Materials Engineering and Performance*, ISSN 1059-9495, Vol. 27, No. 4, pp. 1570 - 1579, 2018, [Impact factor (IF) 1.340/2017]
14. B. Predić, M. Madić, M. Roganović, D. Karabašević, D. Stanujkić: Implementation of computationally efficient Taguchi robust design procedure for development of ANN fuel consumption prediction models, *Transport*, ISSN 1648-4142, Vol. 33, No. 3, pp. 751 - 764, 2018, [Impact factor (IF) 1.267/2018]
15. E. Zivanović, Č. Maluckov: Investigation of statistical behaviour of electrical breakdown voltage distribution for nitrogen-filled diode at 13.3mbar pressure, *CONTRIBUTIONS TO PLASMA PHYSICS*, ISSN 0863-1042, Vol. 58, No. 4, pp. 293 - 301, 2018, [Impact factor (IF) 1,318/2019]
16. S. Alagić, Z. Stević, P. Jovanić, I. Morić, S. Jeremić, L. Popara: The characterization of the selected trees damaged during severe weather episode on the mountain Avala (Serbia) using IR thermography, ICP-OES, and microbiological analysis, *International Journal of Environmental Research*, ISSN 1735-6865, Vol. 12, No. 2, pp. 135 - 146, 2018, [Impact factor (IF) 0.927/2016]
17. D. Stanujkić, I. Meidutė-Kavaliauskienė: An approach to the production plant location selection based on the use of the Atanassov interval-valued intuitionistic fuzzy sets, *Transport*, ISSN 1648-4142, Vol. 33, No. 3, pp. 835 - 842, 2018, [Impact factor (IF) 1.267/2018]
18. D. Karabašević, D. Stanujkić, M. Brzaković, M. Maksimović, P. Brzaković: The evaluation of websites in the textile industry by applying ISO/IEC 9126-4 standard and the EDAS method, *Industria Textila*, 69(4), 191-196, ISSN 1222-5347, Vol. 69, No. 6, pp. 489 - 494, 2018, [Impact factor (IF) 0.438/2018]
19. S. Dimitrijević, M. Rajčić Vujasinović, S. Dimitrijević, B. Trumić, A. Ivanović: Stability of gold complex based on mercaptotriazole in acid and neutral media, *Bulgarian Chemical Communications*, ISSN 0324-1130, Vol. 50, No. 1, pp. 163 - 166, 2018, [Impact factor (IF) 0.238/2016]
20. M. Jevtić, N. Jovanović, J. Radosavljević: Experimental comparisons of metaheuristic algorithms in solving combined economic emission dispatch problem using parametric and

non-parametric tests, *Applied Artificial Intelligence*, ISSN 0883-9514, Vol. 32, No. 9-10, pp. 845 - 857, 2018, [Impact factor (IF) 0,587/2017]

21. M. Jevtić, N. Jovanović, J. Radosavljević: Solving combined economic emission dispatch problem using Adaptive Wind Driven Optimization, *Turkish Journal Of Electrical Engineering And Computer Sciences*, ISSN 1300-0632, Vol. 26, pp. 1747 - 1758, 2018, [Impact factor (IF) 0.850/2017]
22. S. Urošević, M. Vuković, B. Pejčić, N. Štrbac: Mining-metallurgical sources of pollution in Eastern Serbia and environmental consciousness, *Revista internacional de contaminacion ambiental*, Vol. 34, No. 1, pp. 103 - 115, 2018, [Impact factor (IF) 0,267/2017]
23. P. Đorđević, M. Panić, S. Arsić, Ž. Živković: Impact of leadership on strategic planning of quality, *Total Quality Management & Business Excellence*, ISSN 1478-3363, pp. 1 - 15, 2018, [Impact factor (IF) 1.526/2017]
24. D. Manasijević, Ž. Radović, N. Štrbac, L. Balanović, U. Stamenković, M. Gorgievski, D. Minić, M. Premović, T. Holjevac Grgurić, N. Tadić: Microstructural and thermal characterization of 39NiCrMo3 steel, *Materials Testing*, ISSN 0025-5300, Vol. 60, No. 12, pp. 1175 - 1178, 2018, [Impact factor (IF) 0.521/2017]

M24 - 14

1. G. Popović, G. Milovanović, D. Stanujkić: Prioritization of strategies for tourism development by applying a SWOT-SWARA analysis: The case of Sokobanja Spa., *Teme*, Vol. 42, No. 3, pp. 999 - 1016, 2018
2. M. Vuković, I. Prvulović, S. Urošević: Factors of success and motivation of rural entrepreneurship in Eastern Serbia, *Ekonomika poljoprivrede*, ISSN 0352-3462, Vol. 65, No. 3, pp. 1085 - 1097, 2018
3. D. Krzanovic, N. Vušović, M. Ljubojev, R. Rajković: Analysis the profitability of the copper ore exploitation on the Cerovo Primarno-Drenova deposit for the capacities of flotation ore processing of 6.0 and 12.0 million tons annually, *Mining and Metallurgy Engineering Bor*, ISSN 2334-8836, Vol. 3-4, pp. 9 - 18, 2018
4. V. Tasić, R. Jeremijić, M. Pavlov-Kagadejev, V. Despotović: General purpose AC current to DC voltage transducer, *Mining & Metallurgy Engineering Bor*, ISSN 2334-8836, Vol. 3-4, pp. 69 - 76, 2018
5. S. Urošević, D. Stanujkić, D. Karabašević, P. Brzaković: Using single valued neutrosophic set to select tourism development strategies in Eastern Serbia, *Ekonomika poljoprivrede*, ISSN 0352-3462, Vol. 65, No. 2, pp. 555 - 568, 2018
6. A. Papludis, S. Alagić, S. Milić: Mangan u sistemu zemljište-biljka: Aspekti fitoremedijacije / Manganese in the system soil/plant: Phytoremediation aspects, *Zaštita materijala/Materials protection*, ISSN 0351-9465, Vol. 59, No. 3, pp. 385 - 393, 2018
7. D. Krzanovic, N. Vušović, M. Ljubojev: Selection of the optimum pushbacks in a long-term planning process of the open pit – a condition for maximization the Net Present Value. Case

- study: the open pit Veliki Krivelj, Serbia, Mining and Metallurgy Engineering Bor, ISSN 2334-8836, Vol. 1-2, pp. 37 - 44, 2018
8. I. Milošević, A. Trajković, T. Rajić, Đ. Nikolić, S. Arsić: The effects of quality certification in establishing and developing customer - supplier relationships, Serbian Journal of Management, ISSN 1452-4864, Vol. 13, No. 1, pp. 115 - 131, 2018
 9. I. Jovanović, M. Veličković, Đ. Nikolić: Entrepreneurial personality traits and SMEs profitability in transition economy, Serbian Journal of Management, ISSN 1452-4864, Vol. 13, No. 1, pp. 89 - 104, 2018
 10. D. Medić, B. Spalović, S. Milić, I. Đorđević: Reciklaža katodnog materijala iz istrošenih litijum-jonskih baterija, Zaštita materijala/Materials protection, ISSN 0351-9465, Vol. 59, No. 3, pp. 347 - 366, 2018
 11. Ž. Tasić, M. Petrović, M. Radovanović, M. Antonijević: 5-chloro-1H-benzotriazole and potassium sorbate as binary corrosion inhibitor of copper in acidic solution, Zaštita Materijala, Vol. 59, No. 2, pp. 206 - 215, 2018
 12. I. Milošević, A. Trajković, T. Rajić, P. Đorđević: The determinants of cooperation in buyer-supplier relationships: evidence from certified companies, Industry, Vol. 46, No. 1, pp. 137 - 153, 2018
 13. D. Karabašević, D. Stanujkić, B. Đorđević, A. Stanujkić: The weighted sum preferred levels of performances approach to solving problems in human resources management, Serbian Journal of Management, ISSN 0040-2176, Vol. 13, No. 1, pp. 145 - 156, 2018
 14. V. Milić, M. Radovanović: APPLICABILITY OF THE SHORTWALL MINING METHODS IN REMBAS MINE PITS, Mining and Metallurgy Engineering Bor, ISSN 2334 - 8836, No. 3-4/2018, pp. 19 - 26, 2018

M29a - 1

1. S. Urošević: Časopis-Annals of The University of Oradea, Fascicle of Textiles, Leatherwork, ISSN 1843 – 813X, Published by: Editura Universităţii din Oradea, Universitatea din Oradea, Oradea, Romania, 2018

M29b - 1

1. S. Urošević: Časopis: Tekstilna industrija ISSN 0040-2389, 2018.

M29v - 1

1. S. Urošević: Časopis: BizInfo (Blace), ISSN: 2217-2769, 2018.

M31 - 6

1. S. Arsić, Đ. Nikolić, Ž. Živković, P. Đorđević: APPLICATION OF NOVEL SWOT-QFD-MCDM MODEL FOR ENVIRONMENTAL MANAGEMENT IN PROTECTED AREAS, 8th International Conference on Environmental and Material Flow Management “EMFM 2018“, Zenica, Bosnia and Herzegovina, ISBN: 978-9958-617-46-1, 14.11.2018 - 16.11.2018, pp. 12 - 20

2. P. Paunović, J. Sokolović: TWENTY-FIVE YEARS OF ECOLOGICAL TRUTH, 26th International Conference Ecological Truth and Environmental Research – EcoTER'18, Bor lake. Bor, Serbia, ISBN: 978-86-6305-076-1, 12.06.2018 - 15.06.2018, pp. 16 - 31
3. N. Milijić: Uporedna višekriterijumska analiza tradicionalnih i agilnih metodologija upravljanja projektima, Beograd, Serbia, ISBN: 978-86-86385-15-4, 28.09.2018 - 30.09.2018, pp. 27 - 33
4. A. Fedajev: COMPARATIVE ANALYSIS OF BUSINESS ENVIRONMENT IN CEE AND SEE COUNTRIES USING THE PROMETHEE METHOD, International May Conference on Strategic Management – IMCSM18, Bor, Serbia, ISBN: 978-86-6305-078-5, 25.05.2018 - 27.05.2018, pp. 36 - 51
5. S. Šerbula: Environment and local government in Bor (Serbia), International local governments symposium, Alanya, Turkey, ISBN: 978-605-7895-11-0, 01.11.2018 - 03.11.2018, pp. 74 - 81
6. D. Tanikić, J. Đoković, S. Kalinović, M. Manić, S. Randelović: Determination of the Quality of the Machined Surface Using Fuzzy Logic, 20th International Conference on Mechanical, Aeronautical and Manufacturing Engineering, New York, USA, ISBN: 1307-6892, 08.10.2018 - 09.10.2018, pp. 436 - 440

M32 - 2

1. M. Antonijević, M. Petrović: Neki aspekti korozije bakra i legura bakra, 4th INTERNATIONAL SYMPOSIUM ON CORROSION AND MATERIALS PROTECTION, ENVIRONMENTAL PROTECTION AND PROTECTION AGAINST FIRE, Bar, Montenegro, ISBN: 978-9940-9334-3-2, 18.09.2018 - 20.09.2018, pp. 29 - 29
2. N. Štrbac, A. Mitovski: Development of technology for processing the non-standard copper concentrates and other copper bearing raw materials in the objective of environmental protection, 8th International Symposium on Natural Resources Management, Zaječar, Serbia, ISBN: 978-86-7747-590-1, 19.05.2018 - 19.05.2018, pp. 13 - 14

M33 - 89

1. A. Dobrosavljević, S. Urošević: Creating value for customers in the process of new textile product development, II International Scientific Conference in Textile and Fashion, Kyiv Tex&Fashion, Kyiv, Ukraine, ISBN: 978-617-7506-25-5, 01.11.2018 - 02.11.2018, pp. 77 - 80
2. S. Miletić, D. Bogdanović, D. Milanović, D. Mihajlović: Identifikacija poslovnih rizika ISO 9001:2015 u rudarskim kompanijama AHP metodom, 8th International Symposium on Natural Resources Management, Zaječar, Serbia, ISBN: 978-86-7747-590-1, 19.05.2018 - 19.05.2018, pp. 212 - 218
3. D. Bogdanović, S. Miletić, H. Dehghani: Uticaj površinskog kopa na životnu sredinu i njena zaštita, Zaječar, Zaječar, Serbia, ISBN: 978-86-7747-590-1, 19.05.2018 - 19.05.2018, pp. 135 - 140

4. S. Miletić, D. Milanović, D. Bogdanović, M. Ignjatović: Evaluacija prednosti održivog razvoja u rudarskim kompanijama Srbije , Zaštita životne sredine i održivi razvoj, Sremski Karlovci, Serbia, ISBN: 978-86-80420-16-5, 28.03.2018 - 30.05.2018, pp. 190 - 199
5. M. Nujkić, M. Dimitrijević, S. Alagić, S. Milić, B. Spalović, A. Radojević: ACCUMULATIVE RESPONSE OF SOAPWORT AND YARROW TO Cu AND As, ENHANCED BY Cu ORE MINING AND SMELTING COMPLEX: A MULTIVARIATE COMPARISON, International Conference Ecological Truth and Environmental Research, Bor Lake, Serbia, ISBN: 978-86-6305-076-1, 12.06.2018 - 15.06.2018, pp. 72 - 77
6. T. Kalinović, S. Šerbula, N. Dolić, A. Radojević, J. Kalinović, J. Milosavljević: Bioindication of soil pollution with Cu, Zn and As by roots of plants, 26th International Conference Ecological Truth and Environmental Research, EcoTER, Bor, Serbia, ISBN: 978-86-6305-076-1, 12.06.2018 - 15.06.2018, pp. 84 - 89
7. A. Radojević, S. Šerbula, J. Milosavljević, J. Kalinović, T. Kalinović, M. Nujkić: HAZEL AS A BIOMONITOR OF METAL(LOID) POLLUTION IN THE URBAN AND INDUSTRIAL ZONES OF BOR, INTERNATIONAL Conference Ecological Truth and Environmental Research, Bor Lake, Serbia, ISBN: 978-86-6305-076-1, 12.06.2018 - 15.06.2018, pp. 78 - 83
8. J. Kalinović, S. Šerbula, J. Milosavljević, A. Radojević, T. Kalinović, A. Šerbula: Content of Ni and Mo in soil and plant parts of wild rose (Rosa spp.) in Bor (Serbia), Editors: Snežana Šerbula, Publisher: University of Belgrade-Technical Faculty in Bor, Printed by University of Belgrade-Technical Faculty in Bor, ISBN 978-86-6305-076-1, pp. 90 - 95, 2018
9. D. Manasijević, T. Holjevac Grgurić, L. Balanović, M. Gorgievski, U. Stamenković, N. Kostić, M. Gojić: Evaluation of microstructure and transformation temperatures of the Cu-Al-Mn shape memory alloys, 17th International foundrymen conference, Hi-tech casting solution and knowledge based engineering, Opatija, Croatia, ISBN: 978-953-7082-31-4, 16.05.2018 - 18.05.2018, pp. 58 - 66
10. S. Šerbula, J. Milosavljević, A. Radojević, J. Milosavljević, T. Kalinović, A. Šerbula: Sulphur dioxide air pollution trends in bor compared to Serbia and Europe, 26th International Conference Ecological Truth and Environmental Research, EcoTER, Bor, Serbia, ISBN: 978-86-6305-076-1, 12.06.2018 - 15.06.2018, pp. 197 - 202
11. A. Radojević, S. Šerbula, J. Milosavljević, J. Kalinović, T. Kalinović, A. Šerbula: The air quality assessment in the Bor agglomeration in the period 2010–2015, 26th International Conference Ecological Truth and Environmental Research, EcoTER, Bor, Serbia, ISBN: 978-86-6305-076-1, 12.06.2018 - 15.06.2018, pp. 203 - 208
12. D. Bogdanović, I. Jovanović, N. Milijić: MULTI-CRITERIA ANALYSIS OF THE ENVIRONMENT DESTRUCTION BY THE OPEN PITS, An international publication for theory and practice of Management Science, Borsko jezero, Serbia, ISBN: 978-86-6305-078-5, 25.05.2018 - 27.05.2018, pp. 117 - 122
13. S. Šerbula, J. Milosavljević, A. Radojević, T. Kalinović, J. Kalinović, M. Nujkić: AIRBORNE METALS/METALLOIDS CONCENTRATIONS IN BOR, 50th International

- October Conference on Mining and Metallurgy, IOC 2018, Bor Lake, Bor, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 417 - 420
14. S. Miletić, D. Bogdanović, M. Manić, D. Mihajlović: Identification the Effect of Factors on Prejudices in A Entrepreneurial Decision Making in Mining, 50th International October Conference on Mining and Metallurgy, Borsko jezero, Serbia, ISBN: 978-86-7827-050-5, 01.10.2018 - 03.10.2018, pp. 461 - 464
 15. M. Nujkić, M. Dimitrijević, S. Milić, A. Radojević, B. Spalović, S. Alagić, J. Kalinović: COPPER AND ARSENIC ACCUMULATION AND PHYTOREMEDIATION BY SOAPWORT AND YARROW GROWING IN THE VICINITY OF THE COPPER SMELTER IN BOR, 50th International October Conference on Mining and Metallurgy, IOC 2018, Bor Lake, Bor, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 409 - 412
 16. S. Miletić, D. Bogdanović, V. Velinov, B. Stojčetočić, M. Đurić: Analysis of the External Environment of the Organization, 50th International October Conference on Mining and Metallurgy, Borsko jezero, Serbia, ISBN: 978-86-7827-050-5, 01.10.2018 - 03.10.2018, pp. 465 - 468
 17. S. Alagić, S. Tošić, M. Nujkić, S. Milić, M. Dimitrijević: Sadržaj olova, arsena i kadmijuma u korenju drveća jabuke i breskve iz Borskog regiona: jedno poređenje sa procenom biljnih potencijala za aplikaciju u fitoremedijaciji kao eko-metodi za rehabilitaciju zemljišta, 6. Međunarodna konferencija o obnovljivim izvorima električne energije, MKOIEE 2018, Beograd, Serbia, ISBN: 978-86-81505-87-8, 11.10.2018 - 12.10.2018, pp. 43 - 48
 18. I. Đorđević, B. Spalović, D. Medić, S. Milić: Adsorption of Cr³⁺ from aqueous solution using bentonite clay composite, 26th International Conference Ecological Truth and Environmental Research - EcoTER'2018, Bor Lake, Serbia, ISBN: 978-86-6305-076-1, 12.06.2018 - 15.06.2018, pp. 361 - 366
 19. J. Petrović, S. Alagić, M. Dimitrijević, M. Bugarin, M. Šteharnik, M. Milivojević: THE CONTENT OF HEAVY METALS IN THE SHOOTS OF COMMON REED DIFFERENTLY SUBMERGED IN THE LAKE ROBULE, 50th International October Conference on Mining and Metallurgy. IOC 2018, Bor Lake, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 367 - 370
 20. J. Đoković, R. Nikolić, J. Bujnak: Selection of the adequate window construction for the two different climate regions, The 2nd International Conference of Metallic and Mixed Constructions - CICOMM2018, Algiers, Algeria, 08.10.2018 - 09.10.2018
 21. D. Riznić, D. Durković, T. Riznić: REGIONAL ECONOMIC DEVELOPMENT IN REPUBLIC OF SERBIA: IMPLICATIONS FOR THE FUTURE, Regionalni razvoj i prekogranična saradnja, Pirot, Serbia, ISBN: 978-86-900497-0-7, 02.07.2018 - 02.07.2018, pp. 19 - 31
 22. J. Đoković, R. Nikolić, J. Bujnak, B. Hadžima: Influence of the core geometry on the sandwich structures thermal properties, 43rd Active of Experts on Steel Structures, Bešenova, Slovakia, ISBN: 978-80-89838-07-3, 18.10.2018 - 19.10.2018, pp. 41 - 46

23. D. Riznić, A. Dukić: STRATEGIC PARTNERSHIPS AS A FORM OF INTERNATIONAL COOPERATION, REGIONALNI RAZVOJ I PREKOGRANIČNA SARADNJA , Pirot, Serbia, ISBN: 978-86-900497-0-7 , 02.07.2018 - 02.07.2018, pp. 201 - 213
24. S. Kalinović, D. Tanikić, J. Đoković, J. Ivaz, M. Žikić: Heat losses optimisation and energy efficiency analysis of the ELMS department building - Technical faculty in Bor, 6th International Conference on Renewable Electrical Power Sources, Beograd, Serbia, ISBN: 978-86-81505-87-8, 11.10.2018 - 12.10.2018, pp. 129 - 135
25. V. Nikolić, M. Trumić, M. Trumić, L. Andrić: Shorter methods for determining bond work index, V4 Waste Recycling XXI Conference, Miskolc, Hungary, ISBN: 978-963-358-173-5, 22.11.2018 - 23.11.2018, pp. 188 - 204
26. A. Fedajev, D. Stanujkić, F. Smarandache: An approach to FDI location choice based on the use of single valued neutrosophic numbers: case of non-EU Balkan countries, Belgrade, Serbia, ISBN: 978-86-84531-37-9, 06.12.2018 - 06.12.2018, pp. 198 - 207
27. Z. Stevic, G. Petrovic, D. Stanujkić: Novel rough delphi method for determination weights of criteria, Belgrade, Afghanistan, 11.10.2018 - 12.10.2018, pp. 98 - 107
28. D. Stanujkić, M. Jevtić, B. Ivanov: An approach for laptop computers evaluation using multiple-criteria decision analysis, International scientific conference - UNITECH 2018, Gabrovo, Bulgaria, ISBN: 1313-230X, 16.11.2018 - 17.11.2018, pp. 83 - 87
29. F. Smarandache, D. Stanujkić, D. Karabašević: An approach for assessing the reliability of data contained in a single valued neutrosophic number, 4th International scientific conference Innovation as an initiator of the development – MEFkon 2018, Belgrade, Serbia, ISBN: 978-86-84531-37-9, 06.12.2018 - 06.12.2018, pp. 80 - 86
30. A. Stojanović, S. Arsić, I. Milošević, S. Urošević, I. Mihajlović: INVESTIGATION ON THE INFLUENCE OF CORPORATE SOCIAL RESPONSIBILITY DIMENSIONS ON BUSINESS PERFORMANCES OF THE COMPANY, XIV INTERNATIONAL MAY CONFERENCE ON STRATEGIC MANAGEMENT, Bor, Serbia, ISBN: 978-86-6305-078-5, 25.05.2018 - 27.05.2018, pp. 305 - 318
31. S. Arsić, I. Milošević, A. Stojanović: QUALITY OF SERVICES IN BANKING IN EASTERN SERBIA, XIV INTERNATIONAL MAY CONFERENCE ON STRATEGIC MANAGEMENT, Bor, Serbia, ISBN: 978-86-6305-078-5 , 25.05.2018 - 27.05.2018, pp. 441 - 449
32. Ž. Radović, N. Tadić, N. Štrbac, D. Manasijević: Thermal conductivity of steel as a function of the alloying elements content, 50th International October Conference on Mining and Metallurgy IOC 2018, Bor Lake, Bor , Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 207 - 210
33. I. Mihajlović, A. Stojanović, I. Milošević, S. Arsić, I. Jovanović, N. Milijić: Cross-cultural study over the CSR dimensions, 16th International Conference on Management, Enterprise and Benchmarking, Budapest, Hungary, ISBN: 978-963-449-097-5, 27.04.2018 - 28.04.2018, pp. 268 - 278

34. I. Milošević, D. Voza, I. Nikolić, P. Đorđević, M. Veličković: The model of prioritization of strategies for regional development of ecotourism in Eastern Serbia, 16 th International Conference on Management, Enterprise and Benchmarking, Budapest, Hungary, ISBN: 978-963-449-097-5, 27.04.2018 - 28.04.2018, pp. 279 - 292
35. R. Jankovic, I. Mihajlović: Development and implementation of the numerical model for predicting the values of ecological footprint, based on the Monte Carlo methodology, FIKUSZ – Symposium for Young Researchers 2018. , Budimpešta, Hungary, ISBN: 978-963-449-113-2, 30.11.2018 - 30.11.2018
36. V. Nikolić, M. Trumić, L. Andrić, M. Trumić: Micronization of zeolite in a vibrating mill with rings, The 50th International October Conference on Mining and Metallurgy, Bor Lake, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 55 - 58
37. M. Trumić, N. Muncan, M. Trumić, D. Radulovic: Separation of the PS/ABS plastics using the froth flotation, 50th International October Conference on Mining and Metallurgy, Bor, Serbia, ISBN: 978-86-7817-050-5, 30.09.2018 - 03.10.2018, pp. 59 - 62
38. A. Dobrosavljević, S. Urošević: Benchmarking as a tool for comparison of frozen pastry products between local producer and “Best-in-class” producers , XIV International May Conference on Strategic Management, Bor, Serbia, ISBN: 978-86-6305-078-5, 25.05.2018 - 27.05.2018, pp. 76 - 85
39. D. Voza, A. Fedajev, M. Panić, I. Milošević, S. Arsić, Đ. Nikolić: TOURISM AS A CHANCE FOR DEVELOPMENT OF SERBIAN BORDER REGIONS, 16th International Conference on Management, Enterprise and Benchmarking – MEB 2018, Budapest, Hungary, 27.04.2018 - 28.04.2018, pp. 367 – 377
40. V. Stefanović, S. Urošević, I. Mladenović Ranisavljević: ANALYSIS OF WORKING ENVIRONMENT AND CONDITIONS OF WORK IN PRODUCTION ORGANIZATIONS WITH ASPECT OF THE INFLUENCE OF HARMFUL IN THE WORKING PROCESS, XIV International May Conference on Strategic Management, Bor, Serbia, ISBN: 978-86-6305-078-5, 25.05.2018 - 27.05.2018, pp. 39-48
41. M. Panić, M. Veličković, D. Voza, Ž. Živković: THE INFLUENCE OF ENTERPRISE RISK MANAGEMENT ON THE PERFORMANCE OF THE COMPANIES IN SERBIA, XIV International May Conference on Strategic Management – IMKSM2018, Bor Lake, Bor, Serbia, ISBN: 978-86-6305-082-2, 25.05.2018 - 27.05.2018, pp. 205 - 215
42. J. Sokolović, Z. Štirbanović, I. Strainović, N. Živadinović, D. Perić: VALORIZATION OF MAGNETITE FROM THE COPPER SLAG IN RTB BOR AND ITS APPLICATION AS A SUSPENSOID, 50th International October Conference on Mining and Metallurgy - IOC 2018, Bor Lake, Bor, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 111 - 114
43. Z. Štirbanović, J. Sokolović, D. Stanujkić, D. Milanović, M. Kirov: THE EFFECT OF LIBERATION OF THE COPPER MINERALS ON TECHNOLOGICAL INDICATORS OF THE FLOTATION PROCESS, 50th International October Conference on Mining and

- Metallurgy - IOC 2018, Bor Lake, Bor, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 119 - 124
44. M. Trumić, M. Trumić, D. Radulovic: The Effect of Sieve Loading and Particles Shape on the Results of Polymer Sieve Kinetics, International V4 Waste Recycling 21 Conference, Miskolc, Hungary, ISBN: 978-963-358-173-5, 22.11.2018 - 23.11.2018, pp. 105 - 114
45. K. Balanović, M. Trumić, M. Trumić: Comminution of Zeolite and its Potential Application, International V4 Waste Recycling 21 Conference, Miskolc, Hungary, ISBN: 978-963-358-173-5, 22.11.2018 - 23.11.2018, pp. 53 - 61
46. M. Manić, I. Trandafilović, D. Riznić: NACIONALNI PARKOVI SRBIJE KAO INSPIRATIVNE MARKETING DESTINACIJE, 8th INTERNATIONAL SYMPOSIUM ON NATURAL RESOURCES MANAGEMENT, Zaječar, Serbia, ISBN: 978-86-7747-590-1, 19.05.2018 - 19.05.2018, pp. 234 - 242
47. I. Manasijević, L. Balanović, T. Holjevac Grgurić, M. Gorgievski, D. Minić, M. Premović: Microstructure and thermal analysis of the low melting Bi-In eutectic alloys, 17th International Foundrymen Conference "Hi-tech casting solution and knowledge based engineering", Opatija, Croatia, ISBN: 978-953-7082-31-4, 16.05.2018 - 18.05.2018, pp. 334 - 343
48. D. Božić, M. Gorgievski, V. Stanković, N. Štrbac: Physico-chemical characterization of beech sawdust and wheat straw, 50th International October Conference on Mining and Metallurgy, Bor, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 345 - 350
49. S. Krstić, A. Fedajev: POSITION OF AGRICULTURAL BUSINESS ENTITIES IN SERBIA AND FUTURE TRENDS OF THEIR DEVELOPMENT, International May Conference on Strategic Management – IMCSM18, Bor, Serbia, ISBN: 978-86-6305-082-2, 25.05.2018 - 27.05.2018, pp. 86 - 99
50. S. Krstić, D. Riznić, A. Fedajev: FINANCIAL ANALYSIS OF OPERATIONS OF PUBLIC ENTERPRISES IN THE TERRITORY OF THE MUNICIPALITY OF BOR, International May Conference on Strategic Management – IMCSM18, Bor, Serbia, ISBN: 978-86-6305-082-2, 25.05.2018 - 27.05.2018, pp. 144 - 156
51. S. Petrović, G. Bogdanović: Dissolution of Chalcopyrite in Acidic Hydrogen Peroxide Solution, The 50th International October Conference on Mining and Metallurgy, Bor Lake, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 137 - 140
52. G. Bogdanović, D. Milojević, A. Bogdanović, V. Stanković: Adsorption of Copper, Iron and Zinc Ions from Acid Mine Drainage by Natural Zeolite, International V4 Waste Recycling 21 Conference, Miskolc, Hungary, ISBN: 978-963-358-173-5, 22.11.2018 - 23.01.2019, pp. 45 - 53
53. I. Jovanović, M. Veličković: The impact of creativity, self-efficiency and teamwork on innovation of MSMEs, An international publication for theory and practice of Management Science, Bor, Serbia, ISBN: 978-86-6305-082-2, 25.05.2018 - 27.05.2018, pp. 180 - 188

54. D. Tanikić, N. Štrbac, G. Bogdanović, M. Radovanović: Satreps Project Activities at Technical Faculty in Bor in Period 2014-2018, International Satreps Conference Mining&Environment in Future, Bor Lake, Serbia, 01.10.2018 - 01.10.2018, pp. 57 - 62
55. I. Jovanović, N. Milijić, D. Bogdanović, A. Stojanović: Multigroup analysis of the elements of knowledge management in project-based organizations, An international publication for theory and practice of Management Science, Afghanistan, ISBN: 978-86-6305-082-2, 25.05.2018 - 27.05.2018, pp. 169 - 179
56. Z. Perić, B. Denić, V. Despotović, N. Simić: Delta Modulation with Embedded G.711 Codec, 26th Telecommunications Forum (TELFOR 2018), Belgrade, Serbia, ISBN: 978-1-5386-7170-2, 20.11.2018 - 21.11.2018, pp. 376 - 3801
57. Z. Perić, B. Denić, V. Despotović, N. Simić: Delta Modulation with Improved Prediction and Quasilogarithmic Quantizer for Laplacian Source, XIV International Conference on Systems, Automatic Control and Measurements (SAUM 2018), Niš, Serbia, 14.11.2018 - 16.11.2018
58. M. Veličković, I. Jovanović: Challenges of publishing for scientific workers in developing countries: The case of Serbian academics, An international publication for theory and practice of Management Science, Bor, Serbia, ISBN: 978-86-6305-082-2, 25.05.2018 - 27.05.2018, pp. 197 - 204
59. D. Manasijević, T. Holjevac Grgurić, L. Balanović, U. Stamenković, R. Todorović, M. Gorgievski, M. Gojić: Evaluation of the microstructure and phase transition temperatures of the Cu-9%Al-8%Mn shape memory alloy, 12th Scientific/Research Symposium with International Participation „METALLIC AND NONMETALLIC MATERIALS“, Vlačić, Bosnia and Herzegovina, ISBN: 2566-4344, 19.04.2018 - 20.04.2018, pp. 135 - 140
60. M. Petrović, Ž. Tasić, A. Simonović, M. Radovanović, M. Antonijević: ELECTROCHEMICAL BEHAVIOR OF PARACETAMOL IN ALKALINE SOLUTION AT PLATINUM ELECTRODE, 26th International Conference Ecological Truth and Environmental Research, Bor Lake, Serbia, ISBN: 978-86-6305-076-1, 12.06.2018 - 15.06.2018, pp. 283 - 288
61. Ž. Tasić, M. Petrović, A. Simonović, M. Radovanović, M. Antonijević: ELECTROANALYTICAL INVESTIGATION AND DETERMINATION OF IBUPROFEN, Editors: Snežana Šerbula, Publisher: University of Belgrade, Technical Faculty in Bor, ISBN 978-86-6305-076-1, pp. 289 - 294, 2018
62. A. Demiri, M. Radovanović, M. Petrović, Ž. Tasić, A. Simonović, M. Antonijević: CORROSION BEHAVIOR OF STEEL IN RINGER'S SOLUTION IN THE PRESENCE OF AMOXICILIN, 26th International Conference Ecological Truth and Environmental Research, Bor Lake, Serbia, ISBN: 978-86-6305-076-1, 12.06.2018 - 15.06.2018, pp. 295 - 300
63. P. Stojković, J. Ivaz, N. Vušović: GIS solution for the “Strmosten” pit in the Coal mine “Vodna”, 50th International October Conference on Mining and Metallurgy, Bor Lake, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 145 - 150

64. D. Krzanovic, M. Grujic, D. Stevanović, N. Vušović, M. Ljubojev: Strategic mine planning phases of the copper ore open pits - A case study: the open pit Veliki Krivelj, Serbia, 50th International October Conference on Mining and Metallurgy, Bor Lake, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 43 - 46
65. J. Ivaz, S. Kalinović, D. Petrović, D. Tanikić: Energy efficiency analysis of the mining department building - Technical faculty in Bor, The 26th International Conference Ecological Truth and Environmental Research, Bor, Serbia, ISBN: 978-86-6305-076-1, 12.06.2018 - 15.06.2018, pp. 415 - 421
66. M. Maksimović, S. Urošević: The role of wellness in the contemporary health tourism development, 7TH INTERNATIONAL CONGRESS HOTELPLAN 2018 HOSPITALITY AS A QUALITY FACTOR OF TOURIST DESTINATION OFFER AND COMPETITIVENESS, Beograd, Serbia, ISBN: 978-86-60060-09-1, 02.11.2018 - 03.11.2018, pp. 425 - 422
67. M. Jović, M. Laković, M. Banjac, S. Kalinović, I. Pavlović: Comparative advantages of wood biomass compared to other fuels for heating households in Western Balkan, The 4th International Conference Mechanical Engineering in XXI Century, Faculty of Mechanical Engineering in Nis, Serbia, ISBN: 978-86-6055-103-2, 19.04.2018 - 20.04.2018, pp. 95 - 98
68. M. Stanujkić, Đ. Nikolić, D. Stanujkić: Using MSDM methods for evaluating harvesting zone scenarios in forest planning from environmental management perspective, 8th International Symposium on Environmental and Material Flow Management - EMFM 2018, Zenica, Bosnia and Herzegovina, ISBN: 978-9958-617-46-1, 14.11.2018 - 16.11.2018, pp. 182 - 191
69. G. Popovic, D. Stanujkić, D. Karabašević: Application of SWOT-SWARA approach in the identification of key factors for Tara mountain tourism development, 7th International Congress Hotelplan 2018, Beograd, Serbia, ISBN: 978-86-60060-09-1 , 02.11.2018 - 03.11.2018, pp. 541 - 553
70. I. Milošević, A. Stojanović, S. Arsić, D. Voza, I. Mihajlović: SUSTAINABLE DEVELOPMENT BASED ON THE STRATEGY OF COMPANIES SOCIAL RESPONSIBILITY, 8th International Conference on Environmental and Material Flow Management "EMFM 2018", Zenica, Bosnia and Herzegovina, ISBN: 978-9958-617-46-1, 14.11.2018 - 16.11.2018, pp. 156 - 161
71. N. Milijić, I. Mihajlović, I. Jovanović, D. Bogdanović, A. Stojanović: Comparative analysis of safety climate on construction projects in Serbia in 2014 and 2017, An international publication for theory and practice of Management Science, Bor, Serbia, ISBN: 978-86-6305-082-2, 25.05.2018 - 27.05.2018, pp. 157 - 168
72. B. Rajković, D. Tanikić, Z. Ilić: Determination of the operating regimes of a boiler shunt pump, The 50th International October Conference on Mining and Metallurgy, Borsko jezero, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 441 - 447
73. A. Stojanović, I. Milošević, S. Arsić, I. Mihajlović, P. Đorđević: IMPORTANCE OF ENVIRONMENTAL SUSTAINABILITY FOR BUSINESS SUSTAINABILITY, 8th

- International Scientific Conference on Environmental and Material Flow Management, EMFM 2018, Zenica, Bosnia and Herzegovina, ISBN: 978-9958-617-46-1, 14.11.2018 - 16.11.2018, pp. 175 - 181
74. P. Stolic, A. Peulić, D. Tanikić: SOFTWARE DEVELOPMENT FOR THERMOVISION APPLICATION IN TRIAGE PROCEDURES OF EMERGENCY CONDITIONS, 26th International Conference Ecological Truth & Environmental Research, Borsko jezero, Serbia, ISBN: 978-86-6305-076-1, 12.06.2018 - 15.06.2018, pp. 379 - 384
75. V. Tasić, M. Pavlov-Kagadejev, R. Jeremijić, V. Despotović, O. Tasić, I. Stojković: The Elements of Low-Cost DCS for Electricity Consumption Control, 53rd International Scientific Conference on Information, Communication and Energy Systems and Technologies (ICEST 2018), Sozopol, Bulgaria, ISBN: 2603-3259, 28.06.2018 - 30.06.2018, pp. 284 - 287
76. M. Petrović, Ž. Tasić, M. Radovanović, A. Simonović, M. Antonijević: Purine as the inhibitor of copper corrosion in artificial blood plasma, Meeting Point of the Science and Practice in the Fields of Corrosion, Materials and Environmental Protection, Tara Mountain, Serbia, ISBN: 978-86-82343-26-4, 21.05.2018 - 24.05.2018, pp. 238 - 243
77. V. Trifunovic, M. Petrović: 5-CHLORO-BENZOTRIAZOLE AS A COPPER CORROSION INHIBITOR IN 3% NaCl SOLUTION, 50th International October Conference, Borsko jezero, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 351 - 356
78. E. Požega, P. Nikolić, S. Bernik, S. Marjanović, L. Gomidželović, S. Vujatović, M. Radovanović: Investigation of the BiSbTeSe single crystal doped with Zr, 50th International October Conference on Mining and Metallurgy, Bor, Serbia, 30.09.2018 - 03.10.2018, pp. 283 - 286
79. J. Ivaz, D. Petrović, V. Milić, S. Stojadinović, P. Stojković, R. Pantović, M. Radovanović: Procedure for management of self-contained self-rescuer as a waste in underground coal mining, 26th International Conference Ecological Truth and Environmental Research, Bor Lake, Serbia, ISBN: 978-86-6305-076-1, 12.06.2018 - 15.06.2018, pp. 355 - 360
80. M. Žikić, S. Stojadinović, P. Stojković, J. Sokolović, D. Tanikić, S. Vasković: First phase of the Bor river reclamation, 26th International Conference Ecological Truth & Environmental Research, Bor Lake, Serbia, ISBN: 978-86-6305-076-1, 12.06.2018 - 15.06.2018, pp. 192 - 196
81. V. Todorović, D. Dramlić, D. Petrović: Possibility of implementation of development option of underground coal mines in Serbia, 3rd International Symposium „Investment And New Technologies in Energy And Mining“, Vrnjačka Banja, Serbia, ISBN: 978-86-80464-13-8, 17.09.2018 - 19.09.2018, pp. 80 - 86
82. P. Stojković, D. Petrović, M. Žikić, S. Stojadinović: Development of the program for dimensioning and selection of the dewatering objects and equipment for open pit dewatering, 50th International October Conference on Mining and Metallurgy, Bor Lake, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 141 - 144

83. M. Žikić, S. Stojadinović, M. Živković, G. Ćosić: TECHNO- ECONOMICAL ANALYSIS OF THE CUTOFF Cu CONTENT IN THE CORRECTED SOUTH-EAST PUSHBACK AT THE OPEN PIT VELIKI KRIVELJ, 50th International October Conference on Mining and Metallurgy, Bor Lake, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 29 - 32
84. J. Ivaz, D. Petrović, S. Kalinović, D. Tanikić, P. Stojković: Analysis of the workers age influence on the injury rates in the underground coal mining in Serbia, 50th International October Conference on Mining and Metallurgy, Bor Lake, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 87-90
85. V. Tasić, A. Ivanović, T. Apostolovski-Trujić, S. Dimitrijević, M. Cocić: UTICAJ NOVE TEHNOLOGIJE TOPLJENJA BAKRA NA SASTAV UKUPNIH TALOŽNIH MATERIJU U BORU, SRBIJA, 6. MKOIEE, Beograd, Serbia, ISBN: 978-86-81505-87-8, 11.10.2018 - 12.10.2018, pp. 61 - 68
86. V. Milić, M. Radovanović, S. Tasić: ANALYSIS OF THE POSSIBILITY FOR APPLICATION OF SHORTWALL METHOD IN THE RAVNA REKA COAL DEPOSIT OF THE REMBAS MINE, 50th International October Conference on Mining and Metallurgy, Bor Lake, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 151 - 154
87. D. Petrović, V. Milić, J. Ivaz, I. Jovanović, P. Stojković: Analysis of application a sublevel stopping method with the pasta backfill in the Bor mine, 50th International October Conference on Mining and Metallurgy, Bor Lake, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 165 - 168
88. M. Tanasijević, D. Ivezić, P. Jovančić, D. Petrović, D. Jgodić-Krunić: Development of the model of mining machines life cycle analysis on the base of the fuzzy theory, II International Symposium Mining and Geology Today, Beograd, Serbia, ISBN: 978-86-82673-14-9(RI), 04.12.2018 - 04.12.2018, pp. 244 - 251
89. I. Jovanović, S. Petrović, D. Kržanović, S. Krstić, D. Petrović: NRMSE of prediction the copper flotation indicators obtained by the soft computing based model, The 50th International October Conference on Mining and Metallurgy, Bor Lake, Serbia, ISBN: 978-86-7827-050-5, 30.09.2018 - 03.10.2018, pp. 91 - 94

M34 - 22

1. N. Štrbac, A. Mitovski, V. Grekulović, K. Božinović: Eggshell as potential biosorbent of heavy metals from industrial wastewater, International Scientific Conference on Green Economy and Environment Protection, Beograd, Serbia, ISBN: 978-86-89061-11-6, 23.04.2018 - 25.04.2018, pp. 77 - 77
2. D. Kocev, V. Rakočević: On a theorem of Brian Fisher in the framework of w-distance, 14th Serbian Mathematical Congress, Kragujevac, Serbia, ISBN: 978-86-6009-055-5, 16.05.2018 - 19.05.2018, pp. 68 - 68
3. J. Martić, V. Nedelkovski, M. Marković, N. Milošević, K. Ishizaka, Y. Ishiyama, A. Katamura, A. Kamata: Copper content in river water near Bor mining area, 5th

INTERNATIONAL Student Conference on Technical Sciences, Bor, Serbia, ISBN: 978-86-6305-085-3 , 28.09.2018 - 01.10.2018, pp. 19

4. M. Marković: The change of pH value during the adsorption of Cu^{2+} ions onto oat straw, and its influence on the adsorption capacity, 5th INTERNATIONAL Student Conference on Technical Sciences, Bor, Serbia, ISBN: 978-86-6305-085-3 , 28.09.2018 - 01.10.2018, pp. 9
5. V. Nedelkovski, J. Martić, N. Milošević, M. Marković, K. Ishizaka, Y. Ishiyama: Monitoring of ferrous ions content, flow rate and total iron content, comparison for 2018 and 2011, 5th INTERNATIONAL Student Conference on Technical Sciences, Bor, Serbia, ISBN: 978-86-6305-085-3 , 28.09.2018 - 01.10.2018, pp. 26
6. K. Božinović, N. Štrbac, A. Mitovski, M. Sokić, D. Gurešić, B. Marković: Phase transformation of the bismuthinite during roasting at elevated temperatures, XII Conference of Chemists, Technologists and Environmentalists of Republic of Srpska, Banja Luka, Bosnia and Herzegovina, 02.11.2018 - 03.11.2018
7. D. Riznić, D. Durković, T. Riznić: Regionalni ekonomski razvoj Srbije i zelena ekonomija, ZELENA EKONOMIJA I ZAŠTITA ŽIVOTNE SREDINE, Beograd, Serbia, ISBN: 978-86-89061-11-6, 23.05.2018 - 25.05.2018, pp. 31 - 32
8. I. Đolović: Some Generalizations of ϕ -duals of Sequence Spaces, 14. Srpski matematički kongres - SMAK 2018, Kragujevac, Serbia, 16.05.2018 - 19.05.2018
9. L. Rundić, N. Vasić, D. Prelević: New biostratigraphic, sedimentological, and radiometric data from Lower - Middle Miocene of the Zaječar area (westernmost part of Dacian basin, eastern Serbia), XXI International Congress of the Carpathian Balkan Geological Association (CBGA), Salzburg, Austria, ISBN: 978-954-90233-7-7, 10.09.2018 - 13.09.2018, pp. 99 - 99
10. S. Urošević, M. Vuković, G. Kokeza, N. Štrbac: Corporate Social Responsibility of Companies Industry Textile and Clothes in the Republic of Serbia , XII Conference of chemists, technologists and environmentalists of Republic of Srpska, Banja Luka, Bosnia and Herzegovina, ISBN: 978-99938-54-72-2, 02.11.2018 - 03.11.2018, pp. 128 - 128
11. K. Božinović: SEM/EDS Analysis Of Copper Concentrate And Mixture Of Copper Concentrate And Antimony (III) Sulfide, 5th International Student Conference on Technical Sciences , Bor, Serbia, ISBN: 978-86-6305-085-3 , 28.09.2018 - 01.10.2018, pp. 31
12. J. Đoković, R. Nikolić, B. Hadžima, D. Arsić, L. Trško: Working life estimate of the tubular T-joint by application of the LEFM concept, 22nd European Conference on Fracture - ECF22, Belgrade, Serbia, ISBN: 978-86-900686-0-9, 26.08.2018 - 31.08.2018, pp. 80 - 80
13. M. Trumić, M. Trumić, G. Bogdanović, L. Andrić: Pulp and paper mill sludge utilization possibilities in term of environmental protection, 7th International Conference on Tourism and sustainable Development, Timisoara, Romania, ISBN: L2285-424X, 19.04.2018 - 21.04.2018, pp. 240 - 243

14. S. Stanković, M. Radovanović: Electrochemical behavior of titanium in Ringer's solution with addition of amoxicillin, 5th INTERNATIONAL Student Conference on Technical Sciences, Bor, Serbia, ISBN: 978-86-6305-085-3, 28.09.2018 - 01.10.2018, pp. 25
15. S. Urošević, B. Pejčić: Job satisfaction of textile industry employees in Republic of Serbia, International Scientific conference, „Innovative solutions for sustainable development of textiles and leather industry” , Oradea, Romania, ISBN: 1843-813X, 25.05.2018 - 26.05.2018, pp. 125 - 126
16. K. Božinović: Microstructural analysis of the ternary Ag-Bi-Ga alloys annealed at 300 °C, 17th International Foundrymen Conference Hi-Tech Casting Solution And Knowledge Based Engineering, Opatija, Croatia, ISBN: 978-953-7082-29-1, 16.05.2018 - 18.05.2018, pp. 1 - 2
17. K. Božinović, M. Marković, M. Milanović, Z. Mladenović, B. Zdravković, S. Đorđević, N. Jankucić: Investigation of structural and thermal properties of the Sn-Bi alloys, Seventeenth Young Researchers Conference Materials Science and Engineering, Belgrade, Serbia, ISBN: 978-86-80321-34-9, 05.12.2018 - 07.12.2018, pp. 53
18. G. Bogdanović, M. Trumić, M. Trumić, L. Radisavljevic: Acid mine drainages - occurrence, properties and impact on the environment, 7th International Conference on Tourism and sustainable Development, Timisoara, Romania, ISBN: L2285-424X, 19.04.2018 - 21.04.2018, pp. 236 - 239
19. I. Milošević, S. Arsić, A. Stojanović, D. Voza, I. Mihajlović: Strategic corporate social responsibility as a factor of attracting customers, International May Conference on Strategic Management, Bor's Lake, Serbia, 25.05.2018 - 27.05.2018, pp. 94 - 94
20. D. Riznić, A. Dukić, M. Manić: Strateška partnerstva i zelena ekonomija, ZELENNA EKONOMIJA I ZAŠTITA ŽIVOTNE SREDINE, Beograd, Serbia, ISBN: 978-86-89061-11-6, 23.05.2018 - 25.05.2018, pp. 35 - 36
21. I. Đolović: A note on some Cesaro sequence spaces, First Congress of Greek Mathematicians FCGM-2018, Atina, Greece, 25.06.2018 - 30.06.2018
22. D. Medić, S. Alagić, M. Dimitrijević: The presence of lithium of anthropogenic origin in the aquatic organisms, International Scientific Conference on green economy and environment protection, Belgrade, Serbia, ISBN: 978-86-89061-11-6, 23.04.2018 - 25.04.2018, pp. 90

M36 - 1

1. S. Šerbula: PROCEEDINGS 26th INTERNATIONAL CONFERENCE ECOLOGICAL TRUTH AND ENVIRONMENTAL RESEARCH – EcoTER'18, Borsko jezero, Serbia, ISBN: 978-86-6305-076-1, 12.06.2018 - 15.06.2018, pp. 1 - 5017

M42 - 1

1. S. Urošević, D. Stanujkić, D. Karabašević: Trendovi u menadžmentu ljudskih resursa- Savremeni pristup izboru kadrova, Publisher: Tehnički fakultet u Boru, Printed by Tercija Bor, ISBN 978-86-6305-083-9, pp. 1 - 278, 2018

M51 - 7

1. D. Voza, M. Vuković: Ekološki status i promene kvaliteta vode na toku reke Morave, *Ecologica*, Vol. 89, pp. 13 - 17, 2018
2. L. Andric, M. Trumić, M. Trumić, V. Nikolić: Micronization of zeolite in vibration mill, *Recycling and Sustainable Development*, ISSN 1820-7480, Vol. 11, No. 1, pp. 63 - 71, 2018, [Impact factor (IF) 0.100/2017]
3. S. Urošević, B. Pejčić: Job satisfaction of textile industry employees in Republic of Serbia, *ANNALS OF THE UNIVERSITY OF ORADEA FASCICLE OF TEXTILES, LEATHERWORK*, ISSN 1843-813X, Vol. XIX, No. 1, pp. 173 - 178, 2018
4. D. Medić, S. Alagić, M. Dimitrijević: Prisustvo litijuma antropogenog porekla u vodenim organizmima, *Ecologica*, ISSN 0354-3285, Vol. 25, No. 90, pp. 350 - 354, 2018
5. S. Krstić, A. Fedajev, R. Nikolić: Some Aspects of Business Operations of Serbian Economy in 2017, *Industrija*, Vol. 46, No. 4, pp. 185 - 206, 2018
6. D. Bogdanović, S. Miletić, H. Dehghani: Multi-Criterion Analysis of the Most Important Aspects of the Environmental Pollution, *Journal Mining and Metallurgy Engineering Bor*, ISSN 2406-1395, No. 3-4, pp. 117 - 124, 2018
7. J. Ivaz, D. Petrović, A. Fedajev, V. Milić, S. Stojadinović, P. Stojković: Economic aspects of occupational injuries in mining, *Podzemni radovi*, ISSN 0354-2904, No. 33, pp. 41 - 51, 2018

M52 - 10

1. D. Karabašević, D. Stanujkić, M. Brzaković, M. Maksimović, M. Jevtić: Importance of vulnerability scanners for improving security and protection of the web servers, *Bizinfo (Blace)*, Vol. 9, No. 1, pp. 19 - 29, 2018
2. D. Igić, M. Vuković, S. Urošević, D. Voza: Unapređenje industrijske bezbednosti usvajanjem vizije bezbednosti bez akcidenata, *Tekstilna industrija*, ISSN 0040-2389, Vol. 66, No. 3, pp. 52 - 60, 2018
3. B. Ivanov, M. Jevtić, D. Stanujkić, D. Karabašević, F. Smarandache: EVALUATION OF WEBSITES OF IT COMPANIES FROM THE PERSPECTIVE OF IT BEGINNERS, *BizInfo (Blace)*, ISSN 2217-2769, Vol. 9, No. 2, pp. 1 - 9, 2018
4. M. Jovanović, M. Vuković, S. Urošević: Primena kvalitativnih metoda u menadžmentu, *Tehnika*, ISSN 0040-2176, Vol. 73, No. 3, pp. 425 - 432, 2018
5. D. Dimitrijević, O. Spaić, S. Urošević, Ž. Adamović, Ž. Đurić: Korelacija specifičnih performansi MSP odevne industrije država u razvoju i implementacija IKT tehnologija., *Tekstilna industrija*, ISSN 0040-2389, Vol. 66, No. 1, pp. 42 - 54, 2018
6. G. Kokeza, S. Urošević: Strategic directions of the development of the textile and clothing industry in the Republic of Serbia, *Tekstilna industrija*, ISSN 0040-2389, Vol. 66, No. 4, pp. 69 - 78, 2018

7. M. Žikić, S. Stojadinović, D. Tanikić, I. Kukolj: AUTOMATIC CONTROL OF HAUL TRUCK TRAVEL SPEED ON OPEN PITS, Tehnika, ISSN 0040-2176, Vol. 69, No. 4, pp. 497 - 502, 2018
8. D. Riznić, A. Dukić, M. Manić: Strateška partnerstva i zelena ekonomija, Ecologica, ISSN 0354-3285, Vol. XXV, No. 90, pp. 226 - 231, 2018
9. N. Štrbac, A. Mitovski, V. Grekulović, K. Božinović: Ljuske od jaja kao potencijalni biosorbens teških metala iz industrijskih otpadnih voda, Ecologica, ISSN 0354 - 3285, Vol. 25, No. 90, pp. 341 - 345, 2018
10. D. Riznić, D. Durkalić, T. Riznić: Regionalni ekonomski razvoj Srbije i zelena ekonomija, Ecologica, ISSN 0354-3285, Vol. XXV, No. 92, pp. 742 - 749, 2018

M53 - 11

1. A. Ilić, D. Bogdanović, N. Milijić: Usporedna analiza cena bakra i zlata u periodu od 2012. do 2017. godine, Bakar, ISSN 0351-0212, Vol. 43, No. 1, pp. 53 - 58, 2018
2. S. Miletić, D. Bogdanović, M. Ignjatović: Analiza zahteva zainteresovanih strana, Bakar, ISSN 0351-0212, Vol. 43, No. 2, pp. 101 - 109, 2018
3. M. Jovanović, S. Urošević: THE QUALITY CONTROL AND QUALITY MANAGEMENT IMPACT ON PROCESS APPROACH DEVELOPMENT, Applied Researches in Technics, Technologies and Education, ARTTE, Journal of the Faculty of Technics and Technologies, Trakia University, ISSN 1314-8788, Vol. 6, No. 2, pp. 178 - 186, 2018
4. S. Miletić, D. Bogdanović, D. Mihajlović, V. Krstić: Analiza poslovnih rizika u rudarskim kompanijama, Bakar, ISSN 0351-0212, Vol. 43, No. 1, pp. 41 - 52, 2018
5. D. Karabašević, M. Mladjan, D. Stanujkić, G. Jocić, D. Rajčević: Selection of software testing method by using ARAS method, Tehnika, 73(5), 724-729., Vol. 73, No. 5, pp. 724 - 729, 2018
6. A. de Souza, S. de Oliveira, F. Aristone, Z. Olaofe, S. Prashanth Kumar Kodicherla, M. Veličković, N. Ihaddadene, I. Razika: Modeling of the function of the ozone concentration distribution of surface to urban areas, European Chemical Bulletin, ISSN 2063-5346, Vol. 7, No. 3, pp. 98 - 105, 2018
7. A. Dobrosavljević, S. Urošević: BENCHMARKING AS A METHOD OF ADAPTATION OF ORGANIZATIONS TO DYNAMIC BUSINESS CHANGES, Applied Researches in Technics, Technologies and Education, ARTTE, Journal of the Faculty of Technics and Technologies, Trakia University, ISSN 1314-8788, Vol. 6, No. 2, pp. 187 - 194, 2018
8. Đ. Mijailović, D. Karabašević, D. Stanujkić: Razvoj sistema za praćenje ambijentalnih faktora primenom ARDUINO platforme, Trendovi u poslovanju, ISSN 2334-8356., Vol. 12, No. 2, pp. 37 - 45, 2018
9. A. de Souza, F. Aristone, F. Andrade, H. Pavao, W. Fernandes, D. da Silva Santos, P. Oguntunde, M. Veličković, I. Sabah: The Effects of Climate on Hospitalization for

Respiratory Diseases by Age Group, Advanced Studies in Medical Sciences, ISSN 1314-7684, Vol. 6, No. 1, pp. 21 - 35, 2018

10. J. Đoković, R. Nikolić, B. Hadzima, D. Arsić, L. Trško: Working life estimate of the tubular T-joint by application of the LEFM concept, Procedia Structural Integrity, ISSN 2452-3216, Vol. 13, pp. 334 - 335, 2018
11. J. Đoković, R. Nikolić, J. Bujnak: Estimate of the steel bridges fatigue life by application of the fracture mechanics, IOP Conference Series: Materials Science and Engineering, ISSN 1757-8981, Vol. 419, pp. 012010/1 - 012010/7, 2018

M55 - 2

1. G. Bogdanović, J. Sokolović, S. Stojadinović, A. Vukša: Journal of Mining and Metallurgy, 54 A (1) (2018) 1 - 53, Serbia, ISBN: 1450-5959, pp. 1 - 53
2. M. Trumić, M. Trumić, N. Stanisavljević: Recycling and Sustainable Development, 2018

M61 - 5

1. J. Sokolović, B. Stakić: ANTRACIT - ENERGETSKA ILI TEHNOLOŠKA SIROVINA? , 9. simpozijum sa međunarodnim učešćem „RUDARSTVO 2018“, Vrnjačka Banja, Serbia, ISBN: 978-86-80420-17-2, 22.05.2018 - 24.05.2018, pp. 9 - 25
2. G. Kokeza, S. Urošević: Uloga tekstilne industrije u procesu reindustrializacije privrede Srbije, Naučna konferencija sa međunarodnim učešćem „Savremeni trendovi i inovacije u tekstilnoj industriji“, Beograd, Serbia, ISBN: 978-86-900426-0-9, 18.05.2018 - 18.05.2018, pp. 1 - 10
3. D. Stanujkić, D. Karabašević, M. Maksimović: The application of information and communication technology in textile industry, International scientific conference Contemporary trends and innovations in the textile industry 2018, Belgrade, Serbia, ISBN: 978-86-900426-0-9, 18.05.2018 - 18.05.2018, pp. 55 - 62
4. J. Sokolović, Z. Štirbanov: ПЕРАДА ТОПИОНИЧКЕ ШЉАКЕ: СВЕТСКА И ДОМАЋА ИСКУСТВА, IX Колоквијум о припреми минералних сировина, Београд, Serbia, ISBN: 978-86-7352-326-2, 26.10.2018 - 26.10.2018, pp. 237 - 258
5. M. Trumić, M. Trumić: Priprema mineralnih sirovina kao osnova reciklaznih tehnologija, IX kolokvijum o pripremi mineralnih sirovina, Belgrade, Serbia, ISBN: 978-86-7352-326-2, 26.10.2018 - 26.01.2019, pp. 124 - 147

M62 - 1

1. J. Sokolović: APPLICATION OF ANTHRACITE IN WATER TREATMENT – WORLD AND DOMESTIC EXPERIENCES, Nacionalna konferencija sa međunarodnim učešćem „Ekoremedijacija i ekonomska valorizacija vodnih resursa – modeli i primena“, Beograd, Serbia, ISBN: 978-86-86859-57-0, 04.10.2018 - 05.10.2018, pp. 128 – 128

M63 - 7

1. A. Dobrosavljević, S. Urošević: Benčmarking proizvoda tekstilne industrije na osnovu karakteristika važnih za zadovoljenje potreba potrošača i prioritizacija brenda , Naučna konferencija sa međunarodnim učešćem „Savremeni trendovi i inovacije u tekstilnoj industriji“, Beograd, Serbia, ISBN: 978-86-900426-0-9, 18.05.2018 - 18.05.2018, pp. 254 - 265
2. B. Stakić, J. Sokolović, S. Perendić: LEŽIŠTE KVARCNOG PEŠČARA „MALA ČUKA“ NA PROSTORU UGLJENOSNOG BASENA „VRŠKA ČUKA“, II Međunarodni simpozijum „RUDARSTVO I GEOLOGIJA DANAS“ – RGD 2018, Beograd, Serbia, ISBN: 978-86-82673-14-9, 04.12.2018 - 04.12.2018, pp. 123 - 130
3. D. Đorđević, S. Urošević, S. Đorđević: Ponašanje tekstila u prisustvu ultrazvučnih talasa, Naučna konferencija sa međunarodnim učešćem „Savremeni trendovi i inovacije u tekstilnoj industriji, Beograd, Serbia, ISBN: 978-86-900426-0-9, 18.05.2018 - 18.05.2018, pp. 161 - 169
4. J. Sokolović, B. Stakić, S. Perendić: ODRŽIVA I RACIONALNA EKSPLOATACIJA UGLJA U RA "VRŠKA ČUKA" AVRAMICA, 6. savetovanje sa međunarodnim učešćem "ZAŠTITA ŽIVOTNE SREDINE I ODRŽIVI RAZVOJ", Sremski Karlovci, Serbia, ISBN: 978-86-80420-16-5, 28.03.2018 - 30.03.2018, pp. 185 - 189
5. D. Dimitrijević, S. Urošević, O. Spaić, Ž. Adamović, Ž. Đurić: Uticaj celoživotne kontinuirane edukacije stručnog kadra na modernizaciju i automatizaciju malih i srednjih preduzeća (MSP) odevne industrije, Naučna konferencija sa međunarodnim učešćem „Savremeni trendovi i inovacije u tekstilnoj industriji“, Beograd, Serbia, ISBN: 978-86-900426-0-9, 18.05.2018 - 18.05.2018, pp. 232 - 245
6. V. Grekulović, M. Rajčić Vujasinović, A. Mitovski, Z. Stević: Elektrohemijsko ponašanje bakra u prisustvu macerata hmelja, 55. Savetovanje Srpskog Hemijskog Društva, Novi Sad, Serbia, ISBN: 978-86-7132-070-2, 08.06.2018 - 09.06.2018, pp. 37 - 41
7. D. Krzanovic, I. Jovanović, M. Ljubojev, N. Vušović: Racionalno iskorišćenje ležišta Južni revir kao uslov ekonomičnog poslovanja Rudnika bakra Majdanpek - Rational exploitation of south district deposit as a condition of economic managment of copper mine Majdanpek, Zaštita životne sredine i održivi razvoj, Bor, Serbia, ISBN: 978-86-80420-16-5, 28.03.2018 - 30.03.2018, pp. 246 - 251

M64 - 6

1. N. Štrbac, M. Sokić, A. Kapuran, A. Mitovski, B. Marković: Fizičko-hemijska karakterizacija ostataka sa arheometalurškog lokaliteta Ružana (Srbija), 55. Savetovanje Srpskog Hemijskog Društva, Novi Sad, Serbia, ISBN: 978-86-7132-069-6, 08.06.2018 - 09.06.2018, pp. 26 - 26
2. M. Bošković, V. Grekulović, M. Rajčić Vujasinović, A. Mitovski: Electrochemical behaviour of carbon steel C15 in the presence of aloe vera gel, Seventeenth Young Researchers Conference – Materials Science and Engineering, Belgrade, Serbia, ISBN: 978-86-80321-34-9, 05.12.2018 - 07.12.2018, pp. 81 - 81

3. N. Vasić, L. Rundić, V. Gajić, M. Jovanović, D. Prelević, N. Pantelić: Sedimentologija i biostratigrafija miocena Kraljevice (istočna Srbija), XVII Kongres geologa Srbije, Vrnjačka Banja, Serbia, ISBN: ISBN 978-86-86053-19-0, 17.05.2018 - 20.05.2018, pp. 102 - 108
4. V. Grekulović, M. Rajčić Vujasinović, A. Mitovski, Z. Stević: Elektrohemijsko ponašanje bakra u prisustvu macerata hmelja, 55. Savetovanje Srpskog Hemijskog Društva, Novi Sad, Serbia, ISBN: 978-86-7132-069-6, 08.06.2018 - 09.06.2018, pp. 26 - 26
5. S. Stanković: Uticaj rada rudarskih i metalurških postrojenja na kvalitet voda u Borskom okrugu, 57 Tehnologijada, Donji Milanovac, Serbia
6. I. Marković, M. Rajčić Vujasinović, V. Grekulović: Proučavanje elektrohemijskog ponašanja livenih Cu-Au legura tokom termomehaničke obrade, 55. Savetovanje srpskog hemijskog društva, Novi Sad, Serbia, ISBN: 978-86-7132-069-6, 08.06.2018 - 09.06.2018, pp. 24 - 24

M66 - 1

1. S. Urošević: Naučna konferencija sa međunarodnim učešćem „Savremeni trendovi i inovacije u tekstilnoj industriji, 2018

Udžbenici - 5

1. I. Marković, S. Ivanov, D. Marković: Fizička metalurgija 1 - praktikum, Editors: Prof. dr Svetlana Ivanov, predsednik Komisije za izdavačku delatnost, Publisher: Tehnički fakultet u Boru, Univerzitet u Beogradu, Printed by Tercija, ISBN 978-86-630-087-7, pp. 119, 2018
2. S. Ivanov, B. Stanojević: Termička obrada metala, Editors: Prof. dr Svetlana Ivanov, predsednik Komisije za izdavačku delatnost Tehničkog fakulteta u Boru, Publisher: Tehnički fakultet u Boru Univerziteta u Beogradu, Printed by Grafomed trade Bor, ISBN 978-86-6305-072-3, pp. 299, 2018
3. D. Bogdanović, N. Milijić: Upravljanje procesima rada-zbirka rešenih zadataka, Editors: Svetlana Ivanov, Publisher: Tehnički fakultet u Boru, Printed by SaTCIP , ISBN 978-86-6305-084-6, pp. 184, 2018
4. D. Manasijević, L. Balanović: Fazne ravnoteže, Editors: Prof. dr Svetlana Ivanov, Univerzitet u Beogradu, Tehnički fakultet u Boru, Publisher: Univerzitet u Beogradu, Tehnički fakultet u Boru, Printed by Happy trend - Zaječar, ISBN 978-86-6305-081-5, pp. 137, 2018
5. M. Žikić, S. Stojadinović: Standardi, zakonska regulativa i tehnička dokumentacija u rudarstvu, Editors: Milan Trumić, Publisher: Tehnički fakultet u Boru, Printed by Tercija, ISBN 978-86-6305-088-4, pp. 333, 2018

**CITIRANOST ISTRAŽIVAČA SA TEHNIČKOG FAKULTETA U BORU U 2018. GODINI
(222 RADA; CITIRANO 643 PUTA)**

- 1. Tasic Z.Z., Petrovic Mihajlovic M.B., Radovanovic M.B., Simonovic A.T., Antonijevic M.M. Cephadrine as corrosion inhibitor for copper in 0.9% NaCl solution (2018) Journal of Molecular Structure, 1159 , pp. 46-54.**

2018-1) Jing, C., Wang, Z., Gong, Y., Huang, H., Ma, Y., Xie, H., Li, H., Zhang, S., Gao, F. Photo and thermally stable branched corrosion inhibitors containing two benzotriazole groups for copper in 1% sodium chloride solution (2018) Corrosion Science, 138, pp. 353-371.

2018-2) Feng, L., Zhang, S., Qiang, Y., Xu, Y., Guo, L., Madkour, L.H., Chen, S. Experimental and theoretical investigation of thiazolyl blue as a corrosion inhibitor for copper in neutral sodium chloride solution (2018) Materials, 11 (6), art. no. 1042.

2018-3) Ji, T., Ma, F., Liu, D., Zhang, X., Zhang, X., Luo, Q. Effect of diamino((2-((2-aminoethyl)amino)ethyl)amino)methanethiol on the corrosion resistance of carbon steel in simulated concrete pore solutions (2018) International Journal of Electrochemical Science, 13 (6), pp. 5440-5451.

- 2. Tasic Z.Z., Petrovic Mihajlovic M.B., Radovanovic M.B., Antonijevic M.M. Effect of gelatine and 5-methyl-1H-benzotriazole on corrosion behaviour of copper in sulphuric acid containing Cl⁻ ions (2017) Journal of Adhesion Science and Technology, 31 (23) , pp. 2592-2610.**

2018-4) Xu, Y., Zhang, S., Li, W., Guo, L., Xu, S., Feng, L., Madkour, L.H. Experimental and theoretical investigations of some pyrazolo-pyrimidine derivatives as corrosion inhibitors on copper in sulfuric acid solution (2018) Applied Surface Science, 459, pp. 612-620.

2018-5) Chen, J., Qiang, Y., Peng, S., Gong, Z., Zhang, S., Gao, L., Tan, B., Chen, S., Guo, L. Experimental and computational investigations of 2-amino-6-bromobenzothiazole as a corrosion inhibitor for copper in sulfuric acid (2018) Journal of Adhesion Science and Technology, 32 (19), pp. 2083-2098.

2018-6) Zhou, Y., Guo, L., Zhao, Z., Zheng, S., Xu, Y., Xiang, B., Kaya, S.

Anticorrosion potential of domperidone on copper in different concentration of hydrochloric acid solution (2018) Journal of Adhesion Science and Technology, 32 (13), pp. 1485-1502.

- 3. Radovanovic M.B., Antonijevic M.M. Protection of copper surface in acidic chloride solution by non-toxic thiadiazole derivative (2017) Journal of Adhesion Science and Technology, 31 (4) , pp. 369-387.**

2018-7) Zhang, X., Tan, B. Corrosion inhibition performance of three antibacterial agents for mild steel in 1 M HCl solution at different temperature: Experimental and theoretical studies (2018) International Journal of Electrochemical Science, 13 (12), pp. 11388-11404.

2018-8) Chen, J., Qiang, Y., Peng, S., Gong, Z., Zhang, S., Gao, L., Tan, B., Chen, S., Guo, L. Experimental and computational investigations of 2-amino-6-bromobenzothiazole as a corrosion inhibitor for copper in sulfuric acid (2018) Journal of Adhesion Science and Technology, 32 (19), pp. 2083-2098.

2018-9) Zhang, J., Zhang, L., Tao, G., Chen, N. Inhibition effect and adsorption behavior of two imidazolium-based ionic liquids on X70 steel in sulfuric acid solution (2018) International Journal of Electrochemical Science, 13 (9), pp. 8645-8656.

- 2018-10)** Zhang, J., Zhang, L., Tao, G., Cui, F. Synergistic inhibition effect of sodium tungstate and zinc sulphate on mild steel corrosion in seawater (2018) *International Journal of Electrochemical Science*, 13 (7), pp. 6522-6536.
- 2018-11)** Dong, C., Zhang, M., Xiang, T., Yang, L., Chan, W., Li, C. Novel self-healing anticorrosion coating based on L-valine and MBT-loaded halloysite nanotubes (2018) *Journal of Materials Science*, 53 (10), pp. 7793-7808.
- 2018-12)** Vinothkumar, K., Sethuraman, M.G. Corrosion inhibition ability of electropolymerised composite film of 2-amino-5-mercapto-1,3,4-thiadiazole/TiO₂ deposited over the copper electrode in neutral medium (2018) *Materials Today Communications*, 14, pp. 27-39.
- 2018-13)** Zhang, Q.H., Hou, B.S., Xu, N., Liu, H.F., Zhang, G.A. Two novel thiadiazole derivatives as highly efficient inhibitors for the corrosion of mild steel in the CO₂-saturated oilfield produced water (2018) *Journal of the Taiwan Institute of Chemical Engineers*, Article in Press.
- 4. Petrovic Mihajlovic M.B., Radovanovic M.B., Tasic Z.Z., Antonijevic M.M. Imidazole based compounds as copper corrosion inhibitors in seawater (2017) Journal of Molecular Liquids, 225, pp. 127-136.**
- 2018-14)** Zhang, J., Zhang, L., Tao, G. A novel and high-efficiency inhibitor of 5-(4-methoxyphenyl)-3h-1,2-dithiole-3-thione for copper corrosion inhibition in sulfuric acid at different temperatures (2018) *Journal of Molecular Liquids*, 272, pp. 369-379.
- 2018-15)** Wang, J., Qiang, Y., Jiang, L., Xiang, B., Chen, S., Xing, S., Wang, Y., Wang, Y. Excellent inhibition performance of low-toxicity Dibenzylthiocarbamic Acid Zinc Salt self-assembled nano-film for copper corrosion in sulfuric acid (2018) *Journal of Molecular Liquids*, 271, pp. 959-969.
- 2018-16)** Gong, Z., Peng, S., Huang, X., Gao, L. Investigation the corrosion inhibition effect of itraconazole on copper in H₂SO₄ at different temperatures: Combining experimental and theoretical studies (2018) *Materials*, 11 (11), art. no. 2107.
- 2018-17)** Rahimi, E., Rafsanjani-Abbasi, A., Imani, A., Hosseinpour, S., Davoodi, A. Insights into galvanic corrosion behavior of Ti-Cu dissimilar joint: Effect of microstructure and volta potential (2018) *Materials*, 11 (10), art. no. 1820.
- 2018-18)** Vinothkumar, K., Sethuraman, M.G. Corrosion inhibition ability of electropolymerised composite film of 2-amino-5-mercapto-1,3,4-thiadiazole/TiO₂ deposited over the copper electrode in neutral medium (2018) *Materials Today Communications*, 14, pp. 27-39.
- 2018-19)** dos Santos, D.J., Ito, N.M., de Oliveira, M.C.L., Tavares, L.B., Salvadori, M.C., Antunes, R.A. Preparation and characterization of copper thin film obtained by metal plasma immersion ion implantation and deposition (2018) *Thin Solid Films*, 649, pp. 136-141.
- 2018-20)** Ahmad, F., Alam, M.J., Alam, M., Azaz, S., Parveen, M., Park, S., Ahmad, S. Synthesis, spectroscopic, computational (DFT/B3LYP), AChE inhibition and antioxidant studies of imidazole derivative (2018) *Journal of Molecular Structure*, 1151, pp. 327-342.
- 2018-21)** Wang, Y., Yu, Y., Zhang, J., Gao, L., Feng, L., Zhang, D. Click-assembling triazole membrane on copper surface via one-step or two-steps and their corrosion inhibition performance (2018) *Applied Surface Science*, 427, pp. 1120-1128.
- 2018-22)** Monticelli, C., Balbo, A., Esvan, J., Chiavari, C., Martini, C., Zanotto, F., Marvelli, L., Robbiola, L. Evaluation of 2-(salicylideneimino) thiophenol and other Schiff bases as bronze corrosion inhibitors by electrochemical techniques and surface analysis (2018) *Corrosion Science*, Article in Press.
- 5. Tasic Z.Z., Antonijevic M.M., Petrovic Mihajlovic M.B., Radovanovic M.B. The influence of synergistic effects of 5-methyl-1H-benzotriazole and potassium sorbate as well as 5-methyl-1H-benzotriazole and gelatin on the copper corrosion in sulphuric acid solution (2016) Journal of Molecular Liquids, 219, pp. 463-473.**

- 2018-23)** Zhang, J., Zhang, L., Tao, G. A novel and high-efficiency inhibitor of 5-(4-methoxyphenyl)-3h-1,2-dithiole-3-thione for copper corrosion inhibition in sulfuric acid at different temperatures(2018) *Journal of Molecular Liquids*, 272, pp. 369-379.
- 2018-24)** Zhang, X., Tan, B. Corrosion inhibition performance of three antibacterial agents for mild steel in 1 M HCl solution at different temperature: Experimental and theoretical studies(2018) *International Journal of Electrochemical Science*, 13 (12), pp. 11388-11404.
- 2018-25)** Qiang, Y., Zhang, S., Xiang, Q., Tan, B., Li, W., Chen, S., Guo, L. Halogeno-substituted indazoles against copper corrosion in industrial pickling process: A combined electrochemical, morphological and theoretical approach (2018) *RSC Advances*, 8 (68), pp. 38860-38871.
- 2018-26)** Gao, L., Peng, S., Gong, Z., Chen, J. A combination of experiment and theoretical methods to study the novel and low-cost corrosion inhibitor 1-hydroxy-7-azabenzotriazole for mild steel in 1 M sulfuric acid (2018) *RSC Advances*, 8 (67), pp. 38506-38516.
- 6. Tasic Z.Z., Antonijevic M.M. Copper corrosion behaviour in acidic sulphate media in the presence of 5-methyl-1H-benzotriazole and 5-chloro-1H-benzotriazole (2016) Chemical Papers, 70 (5), pp. 620-634.**
- 2018-27)** Vastag, G., Shaban, A., Vraneš, M., Tot, A., Belić, S., Gadžurić, S. Influence of the N-3 alkyl chain length on improving inhibition properties of imidazolium-based ionic liquids on copper corrosion (2018) *Journal of Molecular Liquids*, 264, pp. 526-533.
- 7. Alagic S.C., Tosic S.B., Dimitrijevic M.D., Antonijevic M.M., Nujkic M.M. Assessment of the quality of polluted areas based on the content of heavy metals in different organs of the grapevine (Vitis vinifera) cv Tamjanika (2015) Environmental Science and Pollution Research, (9) 7155-7175.**
- 2018-28)** Jeddi, K., Chaieb, M. Evaluation of the potential of Erodium glaucophyllum L. for phytoremediation of metal-polluted arid soils (2018) *Environmental Science and Pollution Research*, 25 (36), pp. 36636-36644.
- 2018-29)** Assad, M., Chalot, M., Tatin-Froux, F., Bert, V., Parelle, J. Trace metal(oid) accumulation in edible crops and poplar cuttings grown on dredged sediment enriched soil (2018) *Journal of Environmental Quality*, 47 (6), pp. 1496-1503.
- 2018-30)** Đorđević, S., Ishiyama, D., Ogawa, Y., Stevanović, Z. Mobility and natural attenuation of metals and arsenic in acidic waters of the drainage system of Timok River from Bor copper mines (Serbia) to Danube River (2018) *Environmental Science and Pollution Research*, 25 (25), pp. 25005-25019.
- 2018-31)** Milićević, T., Urošević, M.A., Relić, D., Vuković, G., Škrivanj, S., Popović, A. Bioavailability of potentially toxic elements in soil-grapevine (leaf, skin, pulp and seed) system and environmental and health risk assessment (2018) *Science of the Total Environment*, 626, pp. 528-545.
- 2018-32)** Yang, X.-H., Zhang, H.-F., Niu, L.-L., Wang, Y., Lai, J.-H. Contents of heavy metals in chinese edible herbs: Evidence from a case study of epimedii folium (2018) *Biological Trace Element Research*, 182 (1), pp. 159-168.
- 2018-33)** Urošević, S., Vuković, M., Pejčić, B., Štrbac, N. Mining-metallurgical sources of pollution in eastern Serbia and environmental consciousness (2018) *Revista Internacional de Contaminacion Ambiental*, 34 (1), pp. 103-115.
- 2018-34)** Pepi, S., Grisenti, P., Sansone, L., Chicca, M., Vaccaro, C. Chemical elements as fingerprints of geographical origin in cultivars of Vitis vinifera L. raised on the same SO₄ rootstock (2018) *Environmental Science and Pollution Research*, 25 (1), pp. 490-506.
- 8. Petrovic Mihajlovic M.B., Antonijevic M.M. Copper corrosion inhibitors. Period 2008-2014. A review (2015) International Journal of Electrochemical Science, (2) 1027-1053.**
- 2018-35)** Verma, C., Quraishi, M.A., Ebenso, E.E. Microwave and ultrasound irradiations for the synthesis of environmentally sustainable corrosion inhibitors: An overview (2018) *Sustainable Chemistry and Pharmacy*, 10, pp. 134-147.

- 2018-36)** Mirarco, A., Francis, S.M., Baddeley, C.J., Glisenti, A., Grillo, F. Effect of the pH in the growth of benzotriazole model layers at realistic environmental conditions (2018) *Corrosion Science*, 143, pp. 107-115.
- 2018-37)** Vastag, G., Shaban, A., Vraneš, M., Tot, A., Belić, S., Gadžurić, S. Influence of the N-3 alkyl chain length on improving inhibition properties of imidazolium-based ionic liquids on copper corrosion (2018) *Journal of Molecular Liquids*, 264, pp. 526-533.
- 2018-38)** Millán-Ocampo, D.E., Parrales-Bahena, A., González-Rodríguez, J.G., Silva-Martínez, S., Porcayo-Calderón, J., Hernández-Pérez, J.A. Modelling of behavior for inhibition corrosion of bronze using Artificial Neural Network (ANN)(2018) *Entropy*, 20 (6), art. no. 409.
- 2018-39)** Grillo, F., Megginson, R., Christie, J., Francis, S.M., Richardson, N.V., Baddeley, C.J. Structure and reactivity of Cu-doped Au(111) surfaces (2018) *e-Journal of Surface Science and Nanotechnology*, 16, pp. 163-171.
- 2018-40)** Gustinčič, D., Kokalj, A. DFT study of azole corrosion inhibitors on Cu₂O model of oxidized copper surfaces: I. Molecule-surface and Cl-surface bonding (2018) *Metals*, 8 (5), art. no. 310.
- 2018-41)** Jürgensen, A., Raschke, H., Esser, N., Hergenröder, R. An in situ XPS study of L-cysteine co-adsorbed with water on polycrystalline copper and gold (2018) *Applied Surface Science*, 435, pp. 870-879.
- 2018-42)** Naffati, M., Zanna, S., Cornette, P., Costa, D., Marcus, P., Abderrabba, M.M., Somrani, S. Adsorption of phenyl phosphate on Ni-Cr alloy surface: Experimental and theoretical investigations (2018) *Phosphorus, Sulfur and Silicon and the Related Elements*, 193 (3), pp. 185-191.
- 2018-43)** Sukul, D., Pal, A., Mukhopadhyay, S., Saha, S.K., Banerjee, P. Electrochemical behaviour of uncoated and phosphatidylcholine coated copper in hydrochloric acid medium (2018) *Journal of Molecular Liquids*, 249, pp. 930-940.
- 2018-44)** Silva, E.F., Bandeira, M.C.E., Alves, W.A., Mattos, O.R. Surface-enhanced Raman scattering and electrochemical investigations on the adsorption of imidazole: Imidazolium couple and its implications on copper corrosion inhibition (2018) *Journal of the Electrochemical Society*, 165 (7), pp.
- 2018-45)** Vrsalović, L., Gudić, S., Gracić, D., Smoljko, I., Ivanić, I., Kliškić, M., Oguzie, E.E. Corrosion protection of copper in sodium chloride solution using propolis (2018) *International Journal of Electrochemical Science*, 13 (2), pp. 2102-2117.
- 2018-46)** Kuznetsov, Y.I. Triazoles as a class of multifunctional corrosion inhibitors. A review. part I. 1,2,3-benzotriazole and its derivatives. Copper, zinc and their alloys (2018) *International Journal of Corrosion and Scale Inhibition*, 7 (3), pp. 271-307.
- 9. Simonovic A.T., Petrovic M.B., Radovanovic M.B., Milic S.M., Antonijevic M.M. Inhibition of copper corrosion in acidic sulphate media by eco-friendly amino acid compound (2014) *Chemical Papers*, (3) 362-371.**
- 2018-47)** Jamshidnejad, Z., Afshar, A., RazmjooKhallari, M.A. Synthesis of self-healing smart epoxy and polyurethane coating by encapsulation of olive leaf extract as corrosion inhibitor (2018) *International Journal of Electrochemical Science*, 13 (12), pp. 12278-12293.
- 2018-48)** Jmiai, A., El Ibrahim, B., Tara, A., Chadili, M., El Issami, S., Jbara, O., Khallaayoun, A., Bazzi, L. Application of Zizyphus Lotuse - pulp of Jujube extract as green and promising corrosion inhibitor for copper in acidic medium (2018) *Journal of Molecular Liquids*, 268, pp. 102-113.
- 2018-49)** El Ibrahim, B., Jmiai, A., Somoue, A., Oukhrib, R., Chadili, M., El Issami, S., Bazzi, L. Cysteine duality effect on the corrosion inhibition and acceleration of 3003 aluminium alloy in a 2% NaCl solution (2018) *Portugaliae Electrochimica Acta*, 36 (6), pp. 403-422.
- 2018-50)** Vastag, G., Shaban, A., Vraneš, M., Tot, A., Belić, S., Gadžurić, S. Influence of the N-3 alkyl chain length on improving inhibition properties of imidazolium-based ionic liquids on copper corrosion (2018) *Journal of Molecular Liquids*, 264, pp. 526-533.
- 10. Tasic Z., Gupta V.K., Antonijevic M.M. The mechanism and kinetics of degradation of phenolics in wastewaters using electrochemical oxidation (2014) *International Journal of Electrochemical Science*, (7) 3473-3490.**

- 2018-51)** Stradolini, F., Kilic, T., Taurino, I., De Micheli, G., Carrara, S. Cleaning strategy for carbon-based electrodes: Long-term propofol monitoring in human serum (2018) *Sensors and Actuators, B: Chemical*, 269, pp. 304-313.
- 2018-52)** Mojiri, A., Ohashi, A., Ozaki, N., Shoiful, A., Kindaichi, T. Pollutant removal from synthetic aqueous solutions with a combined electrochemical oxidation and adsorption method (2018) *International Journal of Environmental Research and Public Health*, 15 (7), art.no. 1443.
- 2018-53)** Ghanim, A.N., Hamza, A.S. Evaluation of Direct Anodic Oxidation Process for the Treatment of Petroleum Refinery Wastewater (2018) *Journal of Environmental Engineering (United States)*, 144 (7), art.no. 04018047, .
- 2018-54)** Pierozynski, B., Piotrowska, G. Electrochemical degradation of phenol and resorcinol molecules through the dissolution of sacrificial anodes of macro-corrosion Galvanic Cells(2018) *Water (Switzerland)*, 10 (6), art. no. 770.
- 2018-55)** Liu, L., Cai, W., Chen, Y., Wang, Y. Fluid Dynamics and Mass Transfer Study of Electrochemical Oxidation by CFD Prediction and Experimental Validation (2018) *Industrial and Engineering Chemistry Research*, 57 (18), pp. 6498-6504.
- 2018-56)** Norman, M., Żółtowska-Aksamitowska, S., Zgoła-Grześkowiak, A., Ehrlich, H., Jesionowski, T. Iron(III) phthalocyanine supported on a spongin scaffold as an advanced photocatalyst in a highly efficient removal process of halophenols and bisphenol A (2018) *Journal of Hazardous Materials*, 347, pp. 78-88.
- 2018-57)** Piotrowska, G., Pierozynski, B. Electrooxidation of phenol on carbon fibre-based anodes through continuous electrolysis of synthetic wastewater (2018) *Polish Journal of Chemical Technology*, 20 (1), pp. 96-102.
- 2018-58)** Dehghani, S., Rezaee, A., Moghiseh, Z. Phenol biodegradation in an aerobic fixed-film process using conductive bioelectrodes: Biokinetic and kinetic studies (2018) *Desalination and Water Treatment*, 105, pp. 126-131.
- 2018-59)** Hui, H., Wang, H., Mo, Y., Yin, Z., Li, J. Optimal design and evaluation of electrocatalytic reactors with nano-MnOx/Ti membrane electrode for wastewater treatment (2018) *Chemical Engineering Journal*, . Article in Press.
- 2018-60)** Madureira, J., Melo, R., Verde, S.C., Matos, I., Bernardo, M., Noronha, J.P., Margaça, F.M.A., Fonseca, I.M. Recovery of phenolic compounds from multi-component solution by a synthesized activated carbon using resorcinol and formaldehyde (2018) *Water Science and Technology*, 77 (2), pp. 456-466.
- 11. Radovanovic M.B., Petrovic M.B., Simonovic A.T., Milic S.M., Antonijevic M.M. Cysteine as a green corrosion inhibitor for Cu37Zn brass in neutral and weakly alkaline sulphate solutions (2013) Environmental Science and Pollution Research, (7) 4370-4381.**
- 2018-61)** Verma, C., Verma, D.K., Ebenso, E.E., Quraishi, M.A. Sulfur and phosphorus heteroatom-containing compounds as corrosion inhibitors: An overview (2018) *Heteroatom Chemistry*, 29 (4), art. no. e21437.
- 2018-62)** Jürgensen, A., Raschke, H., Esser, N., Hergenröder, R. An in situ XPS study of L-cysteine co-adsorbed with water on polycrystalline copper and gold (2018) *Applied Surface Science*, 435, pp. 870-879.
- 2018-63)** Li, X., Jin, G., Kang, L., Pang, X., Cao, W., Wang, H., Xu, B., Cui, X. Study of Corrosion Behavior of HSn62-1 in Acid, Alkali and Salt Solution (2018) *Cailiao Daobao/Materials Review*, 32 (1), pp. 228-233 and 242.
- 12. Maric M., Antonijevic M., Alagic S. The investigation of the possibility for using some wild and cultivated plants as hyperaccumulators of heavy metals from contaminated soil(2013) Environmental Science and Pollution Research, (2) 1181-1188.**
- 2018-64)** Kumar, A., Prasad, M.N.V. Plant-lead interactions: Transport, toxicity, tolerance, and detoxification mechanisms (2018) *Ecotoxicology and Environmental Safety*, 166, pp. 401-418.

- 2018-65)** Kang, W., Bao, J., Zheng, J., Xu, F., Wang, L. Phytoremediation of heavy metal contaminated soil potential by woody plants on Tonglushan ancient copper spoil heap in China (2018) *International Journal of Phytoremediation*, 20 (1), pp. 1-7.
- 2018-66)** Babincev, L.M., Marković, M., Radosavljević, D. Analysis and simulation of bioaccumulation of selected metals from contaminated soil [Analiza i simulacija procesa bioakumulacije odabranih metala iz zagađenog zemljišta] (2018) *Hemijska Industrija*, 72 (2), pp. 91-97.
- 13. Petrovic M.B., Radovanovic M.B., Simonovic A.T., Milic S.M., Antonijevic M.M. The effect of cysteine on the behaviour of copper in neutral and alkaline sulphate solutions (2012) International Journal of Electrochemical Science, (10) 9043-9057.**
- 2018-67)** El Ibrahim, B., Jmiai, A., Somoue, A., Oukhrib, R., Chadili, M., El Issami, S., Bazzi, L. Cysteine duality effect on the corrosion inhibition and acceleration of 3003 aluminium alloy in a 2% NaCl solution (2018) *Portugaliae Electrochimica Acta*, 36 (6), pp. 403-422.
- 2018-68)** Tavallali, H., Deilamy-Rad, G., Mosallanejad, N. Reactive Blue 4 as a Single Colorimetric Chemosensor for Sequential Determination of Multiple Analytes with Different Optical Responses in Aqueous Media: Cu²⁺-Cysteine Using a Metal Ion Displacement and Cu²⁺-Arginine Through the Host-Guest Interaction (2018) *Applied Biochemistry and Biotechnology*, . Article in Press.
- 14. Antonijevic M.M., Dimitrijevic M.D., Milic S.M., Nujkic M.M. Metal concentrations in the soils and native plants surrounding the old flotation tailings pond of the Copper Mining and Smelting Complex Bor (Serbia) (2012) Journal of Environmental Monitoring, (3) 866-877.**
- 2018-69)** Han, Y., Ni, Z., Li, S., Qu, M., Tang, F., Mo, R., Ye, C., Liu, Y. Distribution, relationship, and risk assessment of toxic heavy metals in walnuts and growth soil (2018) *Environmental Science and Pollution Research*, 25 (18), pp. 17434-17443.
- 2018-70)** Randelović, D., Jakovljević, K., Mihailović, N., Jovanović, S. Metal accumulation in populations of *Calamagrostis epigejos* (L.) Roth from diverse anthropogenically degraded sites (SE Europe, Serbia) (2018) *Environmental Monitoring and Assessment*, 190 (4), art.no. 183.
- 2018-71)** Yan, X., Liu, M., Zhong, J., Guo, J., Wu, W. How human activities affect heavy metal contamination of soil and sediment in a long-term reclaimed area of the Liaohe River Delta, North China (2018) *Sustainability (Switzerland)*, 10 (2), art.no. 338.
- 2018-72)** Urošević, S., Vukovic, M., Pejčić, B., Štrbac, N. Mining-metallurgical sources of pollution in eastern Serbia and environmental consciousness (2018) *Revista Internacional de Contaminacion Ambiental*, 34 (1), pp. 103-115.
- 15. Simic Z., Stanic Z.D., Antonijevic M. Application of pyrite and chalcopyrite electrodes for the acid-base determinations in nitriles (2011) Journal of the Brazilian Chemical Society, (4) 709-717.**
- 2018-73)** Wang, Y., Zhao, K.J., Tao, D.P., Zhai, F.G., Yang, H.B., Zhang, Z.Q. Application of pyrite and chalcopyrite as sensor electrode for amperometric detection and measurement of hydrogen peroxide (2018) *RSC Advances*, 8 (9), pp. 5013-5019.
- 16. Gupta V.K., Jain R., Antonijevic M.M., Khani H., Siddiqui M.N., Dwivedi A., Mishra R., Agarwal S. Assay of nimodipine - an anti hypertensive drug, in bulk form and pharmaceutical formulations by cathodic adsorptive stripping voltammetry(2011) International Journal of Electrochemical Science, (1) 37-51.**
- 2018-74)** Nunes, C.N., Dos Anjos, V.E., Quináia, S.P. The versatility of the hanging mercury drop electrode in analytical chemistry - A review about recent applications [A versatilidade do eletrodo de gota pendente de mercúrio em química analítica - Uma revisão sobre recentes aplicações] (2018) *Quimica Nova*, 41 (2), pp. 189-201.

17. **Serbula S.M., Antonijevic M.M., Milosevic N.M., Milic S.M., Ilic A.A. Concentrations of particulate matter and arsenic in Bor (Serbia) (2010) Journal of Hazardous Materials, (1-3) 43-51.**
2018-75) Urošević, S., Vuković, M., Pejčić, B., Štrbac, N. Mining-metallurgical sources of pollution in eastern Serbia and environmental consciousness (2018) *Revista Internacional de Contaminación Ambiental*, 34 (1), pp. 103-115.
18. **Antonijevic M.M., Bogdanovic G.D., Radovanovic M.B., Petrovic M.B., Stamenkovic A.T. Influence of pH and chloride ions on electrochemical behavior of brass in alkaline solution (2009) International Journal of Electrochemical Science, (5) 654-661.**
2018-76) Amini, K., Gharavi, F. Investigating electrochemical behavior of the nugget zone in dissimilar friction stir lap welded of copper–brass joints (2018) *Analytical and Bioanalytical Electrochemistry*, 10 (5), pp. 594-611.
19. **Antonijevic M.M., Alagic S.C., Petrovic M.B., Radovanovic M.B., Stamenkovic A.T. The influence of pH on electrochemical behavior of copper in presence of chloride ions (2009) International Journal of Electrochemical Science, (4) 516-524.**
2018-77) Zhang, B.-B., Wang, J.-Z., Yuan, J.-Y., Yan, F.-Y. Tribocorrosion behavior of nickel aluminum bronze in seawater: Identification of corrosion-wear components and effect of pH (2018) *Materials and Corrosion*, 69 (1), pp. 106-114.
20. **Antonijevic M.M., Milic S.M., Dimitrijevic M.D., Petrovic M.B., Radovanovic M.B., Stamenkovic A.T. The influence of pH and chlorides on electrochemical behavior of copper in the presence of benzotriazole (2009) International Journal of Electrochemical Science, (7) 962-979.**
2018-78) Vrsalović, L., Gudić, S., Gracić, D., Smoljko, I., Ivanić, I., Kliškić, M., Oguzie, E.E. Corrosion protection of copper in sodium chloride solution using propolis (2018) *International Journal of Electrochemical Science*, 13 (2), pp. 2102-2117.
21. **Antonijevic M.M., Milic S.M., Petrovic M.B. Films formed on copper surface in chloride media in the presence of azoles(2009) Corrosion Science, (6) 1228-1237.**
2018-79) Rizwana B., F., Muthu, S., Prasana, J.C., Abraham, C.S., Raja, M. Spectroscopic (FT-IR, FT-Raman) investigation, topology (ESP, ELF, LOL) analyses, charge transfer excitation and molecular docking (dengue, HCV) studies on ribavirin (2018) *Chemical Data Collections*, 17-18, pp. 236-250.
2018-80) Salcı, A., Solmaz, R. Fabrication of rhodanine self-assembled monolayer thin films on copper: Solvent optimization and corrosion inhibition studies (2018) *Progress in Organic Coatings*, 125, pp. 516-524.
2018-81) Chen, Y.-H., Erbe, A. The multiple roles of an organic corrosion inhibitor on copper investigated by a combination of electrochemistry-coupled optical in situ spectroscopies(2018) *Corrosion Science*, 145, pp. 232-238.
2018-82) Alibakhshi, E., Akbarian, M., Ramezanzadeh, M., Ramezanzadeh, B., Mahdavian, M. Evaluation of the corrosion protection performance of mild steel coated with hybrid sol-gel silane coating in 3.5 wt.% NaCl solution (2018) *Progress in Organic Coatings*, 123, pp. 190-200.
2018-83) Anindita, F., Darmawan, N., Mas'Ud, Z.A. Fluorescence carbon dots from durian as an eco-friendly inhibitor for copper corrosion (2018) *AIP Conference Proceedings*, 2014, art. no. 020008, .
2018-84) Giuliani, C., Pascucci, M., Riccucci, C., Messina, E., Salzano de Luna, M., Lavorgna, M., Ingo, G.M., Di Carlo, G. Chitosan-based coatings for corrosion protection of copper-based alloys: A promising more sustainable approach for cultural heritage applications (2018) *Progress in Organic Coatings*, 122, pp. 138-146.

- 2018-85)** Durainatarajan, P., Prabakaran, M., Ramesh, S., Periasamy, V. Self-assembly on copper surface by using imidazole derivative for corrosion protection (2018) *Journal of Adhesion Science and Technology*, 32 (16), pp. 1733-1749.
- 2018-86)** Verma, C., Verma, D.K., Ebenso, E.E., Quraishi, M.A. Sulfur and phosphorus heteroatom-containing compounds as corrosion inhibitors: An overview (2018) *Heteroatom Chemistry*, 29 (4), art. no. e21437, .
- 2018-87)** Chen, S., Zhang, D. Study of corrosion behavior of copper in 3wt.% NaCl solution containing extracellular polymeric substances of an aerotolerant sulphate-reducing bacteria(2018) *Corrosion Science*, 136, pp. 275-284.
- 2018-88)** Gustinčič, D., Kokalj, A. DFT study of azole corrosion inhibitors on Cu₂O model of oxidized copper surfaces: I. Molecule-surface and Cl-surface bonding (2018) *Metals*, 8 (5), art. no. 310, .
- 2018-89)** Goyal, M., Kumar, S., Bahadur, I., Verma, C., Ebenso, E.E. Organic corrosion inhibitors for industrial cleaning of ferrous and non-ferrous metals in acidic solutions: A review (2018) *Journal of Molecular Liquids*, 256, pp. 565-573.
- 2018-90)** Al Zoubi, W., Ko, Y.G. Flowerlike Organic-Inorganic Coating Responsible for Extraordinary Corrosion Resistance via Self-assembly of an Organic Compound (2018) *ACS Sustainable Chemistry and Engineering*, 6 (3), pp. 3546-3555.
- 2018-91)** Finšgar, M. Surface analysis of 2-mercapto-1-methylimidazole adsorbed on copper by X-ray photoelectron spectroscopy(2018) *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, 190, pp. 290-297.
- 2018-92)** Khamseh, S., Alibakhshi, E., Mahdavian, M., Saeb, M.R., Vahabi, H., Kokanyan, N., Laheurte, P. Magnetron-sputtered copper/diamond-like composite thin films with super anti-corrosion properties (2018) *Surface and Coatings Technology*, 333, pp. 148-157.
- 2018-93)** Finšgar, M. X-ray excited Auger Cu L₃L_{4,5}M_{4,5}spectra measured at low take-off angles as a fingerprint for a Cu-organics connection (2018) *Journal of Electron Spectroscopy and Related Phenomena*, 222, pp. 10-14.
- 2018-94)** Ramírez-Cano, J.A., Veleza, L., Souto, R.M., Fernández-Pérez, B.M. Investigating metal-inhibitor interaction with EQCM and SVET: 3-amino-1,2,4-triazole on Au, Cu and Au–Cu galvanic coupling (2018) *Materials and Corrosion*, 69 (1), pp. 115-124.
- 2018-95)** Silva, E.F., Bandeira, M.C.E., Alves, W.A., Mattos, O.R. Surface-enhanced Raman scattering and electrochemical investigations on the adsorption of imidazole: Imidazolium couple and its implications on copper corrosion inhibition (2018) *Journal of the Electrochemical Society*, 165 (7), pp. C375-C384.
- 2018-96)** Monticelli, C., Balbo, A., Esvan, J., Chiavari, C., Martini, C., Zanotto, F., Marvelli, L., Robbiola, L. Evaluation of 2-(salicylideneimino) thiophenol and other Schiff bases as bronze corrosion inhibitors by electrochemical techniques and surface analysis (2018) *Corrosion Science*, . Article in Press.
- 22. Milic S.M., Antonijevic M.M. Some aspects of copper corrosion in presence of benzotriazole and chloride ions (2009) Corrosion Science, (1) 28-34.**
- 2018-97)** Liu, H.X., Hu, B.Y., Chen, Y., Liu, Y.W., Xie, Y., Zhang, L., Yang, Z.N. Effect of immersion time on the copper corrosion in neutral NaCl solution (2018) *International Journal of Electrochemical Science*, 13 (7), pp. 6201-6217.
- 2018-98)** Zhao, H.R., Xu, Y.L., Chen, C.K., Chen, Y., Liu, Y.W., Yang, Z.N. New aspects of copper corrosion in a neutral NaCl solution in the presence of benzotriazole (2018) *Corrosion*, 74 (6), pp. 613-622.
- 2018-99)** Rodriguez, J., Mouanga, M., Roobroeck, A., Cossement, D., Mirisola, A., Olivier, M.-G. Study of the inhibition ability of benzotriazole on the Zn-Mg coated steel corrosion in chloride electrolyte (2018) *Corrosion Science*, 132, pp. 56-67.
- 23. Antonijevic M.M., Petrovic M.B. Copper corrosion inhibitors. A review (2008) International Journal of Electrochemical Science, (1) 1-28.**
- 2018-100)** Seo, S., Mastiani, M., Mosavati, B., Peters, D.M., Mandin, P., Kim, M. Performance evaluation of environmentally benign nonionic biosurfactant for enhanced oil recovery (2018) *Fuel*, 234, pp. 48-55.

- 2018-101)** Deng, Q., Li, W., Zhu, L., Chen, H., Ju, P., Liu, H. Ultrathin, highly anticorrosive and hydrophobic film for metal protection based on a composite organosilicon structure (2018) *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 558, pp. 359-366.
- 2018-102)** Chen, Y.-H., Erbe, A. The multiple roles of an organic corrosion inhibitor on copper investigated by a combination of electrochemistry-coupled optical in situ spectroscopies (2018) *Corrosion Science*, 145, pp. 232-238.
- 2018-103)** Hamadi, L., Mansouri, S., Oulmi, K., Kareche, A. The use of amino acids as corrosion inhibitors for metals: A review (2018) *Egyptian Journal of Petroleum*, 27 (4), pp. 1157-1165.
- 2018-104)** Verma, C., Quraishi, M.A., Ebenso, E.E. Microwave and ultrasound irradiations for the synthesis of environmentally sustainable corrosion inhibitors: An overview (2018) *Sustainable Chemistry and Pharmacy*, 10, pp. 134-147.
- 2018-105)** Han, J., Chen, C., Xue, Q., Zheng, Y., Tian, S., Liu, Z., Shen, J., Zhong, M. Catalyst-free and thermal-induced S→O acetyl migration reaction to generate the polyacrylate polythiols for anticorrosion use (2018) *Polymer*, 154, pp. 1-7.
- 2018-106)** Geuli, O., Mandler, D. The synergistic effect of benzotriazole and trimethylsiloxysilicate towards corrosion protection of printed Cu-based electronics (2018) *Corrosion Science*, 143, pp. 329-336.
- 2018-107)** Sayed, A.R., Abd El-lateef, H.M., Mohamad, A.D.M. Polyhydrazide Incorporated with Thiadiazole Moiety as Novel and Effective Corrosion Inhibitor for C-Steel in Pickling Solutions of HCl and H₂SO₄ (2018) *Macromolecular Research*, 26 (10), pp. 882-891.
- 2018-108)** Nourmohammadi Miankushki, H., Sedghi, A., Saeid, B. Comparison of copper compounds on copper foil as current collector for fabrication of graphene/polypyrrole electrode (2018) *Journal of Energy Storage*, 19, pp. 201-212.
- 2018-109)** Mirarco, A., Francis, S.M., Baddeley, C.J., Glisenti, A., Grillo, F. Effect of the pH in the growth of benzotriazole model layers at realistic environmental conditions (2018) *Corrosion Science*, 143, pp. 107-115.
- 2018-110)** Rui, D., Li, X., Jia, W., Li, W., Xiao, W., Gui, T. Releasing kinetics of dissolved copper and antifouling mechanism of cold sprayed copper composite coatings for submarine screen doors of ships (2018) *Journal of Alloys and Compounds*, 763, pp. 525-537.
- 2018-111)** Anindita, F., Darmawan, N., Mas'Ud, Z.A. Fluorescence carbon dots from durian as an eco-friendly inhibitor for copper corrosion (2018) *AIP Conference Proceedings*, 2014, art. no. 020008.
- 2018-112)** Tan, B., Zhang, S., Qiang, Y., Guo, L., Feng, L., Liao, C., Xu, Y., Chen, S. A combined experimental and theoretical study of the inhibition effect of three disulfide-based flavouring agents for copper corrosion in 0.5 M sulfuric acid (2018) *Journal of Colloid and Interface Science*, 526, pp. 268-280.
- 2018-113)** Verma, C., Ebenso, E.E., Bahadur, I., Quraishi, M.A. An overview on plant extracts as environmental sustainable and green corrosion inhibitors for metals and alloys in aggressive corrosive media (2018) *Journal of Molecular Liquids*, 266, pp. 577-590.
- 2018-114)** Sobhi, M., Eid, S. Chemical, Electrochemical and Morphology Studies on Methyl Hydroxyethyl Cellulose as Green Inhibitor for Corrosion of Copper in Hydrochloric acid Solutions (2018) *Protection of Metals and Physical Chemistry of Surfaces*, 54 (5), pp. 893-898.
- 2018-115)** Foresta, M., Gnanasambandam, S., Weston, D., Li, F., Pan, J., Le Blanc, M. Corrosion fatigue of phosphor bronze reinforcing tapes on underground power transmission cables - Failure analysis (2018) *Engineering Failure Analysis*, 91, pp. 507-515.
- 2018-116)** Velazquez-Torres, N., Martinez, H., Porcayo-Calderon, J., Vazquez-Velez, E., Florez, O., Campillo, B., Gonzalez-Rodriguez, J.G., Martinez-Gomez, L. Effect of plasma pre-oxidation on the Cu corrosion inhibition in 3.5% NaCl by an environmentally friendly amide (2018) *International Journal of Electrochemical Science*, 13 (9), pp. 8915-8930.
- 2018-117)** Yang, J., Blawert, C., Lamaka, S.V., Yasakau, K.A., Wang, L., Laipple, D., Schieda, M., Di, S., Zheludkevich, M.L. Corrosion inhibition of pure Mg containing a high level of iron impurity in pH neutral NaCl solution (2018) *Corrosion Science*, 142, pp. 222-237.

- 2018-118)** Vastag, G., Shaban, A., Vraneš, M., Tot, A., Belić, S., Gadžurić, S. Influence of the N-3 alkyl chain length on improving inhibition properties of imidazolium-based ionic liquids on copper corrosion (2018) *Journal of Molecular Liquids*, 264, pp. 526-533.
- 2018-119)** Tetsi, E., Majek, I.B., Philippot, G., Aymonier, C., Lemire, R., Audet, J., Bechou, L., Drouin, D. Fabrication of high capacitance density capacitor using spray coated $\text{Ba}_{0.6}\text{Sr}_{0.4}\text{TiO}_3$ Thin Films (2018) *Proceedings - Electronic Components and Technology Conference*, 2018-May, art. no. 8429725, pp. 1389-1395.
- 2018-120)** Visser, P., Terryn, H., Mol, J.M.C. On the importance of irreversibility of corrosion inhibitors for active coating protection of AA2024-T3 (2018) *Corrosion Science*, 140, pp. 272-285.
- 2018-121)** Maurice, V., Marcus, P. Current developments of nanoscale insight into corrosion protection by passive oxide films (2018) *Current Opinion in Solid State and Materials Science*, 22 (4), pp. 156-167.
- 2018-122)** Ingo, G.M., Riccucci, C., Pascucci, M., Messina, E., Giuliani, C., Biocca, P., Tortora, L., Fierro, G., Di Carlo, G. Combined use of FE-SEM+EDS, ToF-SIMS, XPS, XRD and OM for the study of ancient gilded artefacts (2018) *Applied Surface Science*, 446, pp. 168-176.
- 2018-123)** Schindelholz, E.J., Spoerke, E.D., Nguyen, H.-D., Grunlan, J.C., Qin, S., Bufford, D.C. Extraordinary Corrosion Protection from Polymer-Clay Nanobrick Wall Thin Films (2018) *ACS Applied Materials and Interfaces*, 10 (26), pp. 21799-21803.
- 2018-124)** Andrzejewska, M.R., Vuram, P.K., Pottabathini, N., Gurram, V., Relangi, S.S., Korvinson, K.A., Doddipalla, R., Stahl, L., Neary, M.C., Pradhan, P., Sharma, S., Lakshman, M.K. The Disappearing Director: The Case of Directed N-Arylation via a Removable Hydroxyl Group (2018) *Advanced Synthesis and Catalysis*, 360 (13), pp. 2503-2510.
- 2018-125)** Zhou, Y., Guo, L., Zhao, Z., Zheng, S., Xu, Y., Xiang, B., Kaya, S. Anticorrosion potential of domperidone on copper in different concentration of hydrochloric acid solution (2018) *Journal of Adhesion Science and Technology*, 32 (13), pp. 1485-1502.
- 2018-126)** Mahmoudian, M., Nozad, E., Kochameshki, M.G., Enayati, M. Preparation and investigation of hybrid self-healing coatings containing linseed oil loaded nanocapsules, potassium ethyl xanthate and benzotriazole on copper surface (2018) *Progress in Organic Coatings*, 120, pp. 167-178.
- 2018-127)** Salzano de Luna, M., Buonocore, G.G., Giuliani, C., Messina, E., Di Carlo, G., Lavorgna, M., Ambrosio, L., Ingo, G.M. Long-Lasting Efficacy of Coatings for Bronze Artwork Conservation: The Key Role of Layered Double Hydroxide Nanocarriers in Protecting Corrosion Inhibitors from Photodegradation (2018) *Angewandte Chemie - International Edition*, 57 (25), pp. 7380-7384.
- 2018-128)** Maurice, V., Marcus, P. Progress in corrosion science at atomic and nanometric scales (2018) *Progress in Materials Science*, 95, pp. 132-171.
- 2018-129)** Grillo, F., Megginson, R., Christie, J., Francis, S.M., Richardson, N.V., Baddeley, C.J. Structure and reactivity of Cu-doped Au(111) surfaces (2018) *e-Journal of Surface Science and Nanotechnology*, 16, pp. 163-171.
- 2018-130)** Ahn, S., Klyukin, K., Wakeham, R.J., Rudd, J.A., Lewis, A.R., Alexander, S., Carla, F., Alexandrov, V., Andreoli, E. Poly-Amide Modified Copper Foam Electrodes for Enhanced Electrochemical Reduction of Carbon Dioxide (2018) *ACS Catalysis*, 8 (5), pp. 4132-4142.
- 2018-131)** Kumar, A.M., Babu, R.S., Obot, I.B., Adesina, A.Y., Ibrahim, A., de Barros, A.L.F. Promising Hard Carbon Coatings on Cu Substrates: Corrosion and Tribological Performance with Theoretical Aspect (2018) *Journal of Materials Engineering and Performance*, 27 (5), pp. 2306-2316.
- 2018-132)** Gustinčić, D., Kokalj, A. DFT study of azole corrosion inhibitors on Cu_2O model of oxidized copper surfaces: I. Molecule-surface and Cl-surface bonding (2018) *Metals*, 8 (5), art. no. 310.
- 2018-133)** Hsissou, R., Benzidia, B., Hajjaji, N., Elharfi, A. Elaboration and electrochemical studies of the coating behavior of a new nanofunctional epoxy polymer on E24 steel in 3.5 % NaCl (2018) *Portugaliae Electrochimica Acta*, 36 (4), pp. 259-270.
- 2018-134)** Ravishankar, V., Ramaprabhu, S., Jaiswal, M. Multilayer graphene as an effective corrosion protection coating for copper (2018) *AIP Conference Proceedings*, 1942, art. no. 080059.

- 2018-135)** Park, J.-G., Paluvai, N.R., Venkatesh, R.P. Metal Surface Chemical Composition and Morphology (2018) *Handbook of Silicon Wafer Cleaning Technology*, pp. 579-618.
- 2018-136)** Gupta, S., Chandna, N., Singh, A.K., Jain, N. Regioselective Synthesis of N 2-Alkylated-1,2,3 Triazoles and N 1-Alkylated Benzotriazoles: Cu₂S as a Recyclable Nanocatalyst for Oxidative Amination of N, N -Dimethylbenzylamines (2018) *Journal of Organic Chemistry*, 83 (6), pp. 3226-3235.
- 2018-137)** Al Zoubi, W., Ko, Y.G. Flowerlike Organic-Inorganic Coating Responsible for Extraordinary Corrosion Resistance via Self-assembly of an Organic Compound (2018) *ACS Sustainable Chemistry and Engineering*, 6 (3), pp. 3546-3555.
- 2018-138)** Abudalo, R.A., Abudalo, M.A., Hernandez, M.T. Stability of Benzotriazole Derivatives with Free Cu, Zn, Co and Metal-Containing Enzymes: Binding and Interaction of ethylbenzotriazoles with Superoxide Dismutase and Vitamin B₁₂ (2018) *IOP Conference Series: Materials Science and Engineering*, 305 (1), art. no. 012024.
- 2018-139)** Chang, F.-H., Chen, T.-Y., Lee, S.-H., Chen, Y.-H., Chen, Y.-J., Lin, J.-L. Corrosion inhibition of copper particles on ITO with 1,2,4-triazole-3-carboxylic acid (2018) *Surfaces and Interfaces*, 10, pp. 162-169.
- 2018-140)** Sharma, A., Kumar, D., Manohar, P.U., Pande, S., Dalvi, A., Shukla, P. Functionalized pyranopyrazole molecules as corrosion inhibitors for mild copper metal in HCl solution: Synthesis, theoretical studies, and physical investigations (2018) *Materials Research Express*, 5 (2), art. no. 025101.
- 2018-141)** Verma, C., Quraishi, M.A., Ebenso, E.E. Adsorption and inhibition behavior of purine based drugs on mild steel corrosion in hydrochloric acid solution: DFT study (2018) *Analytical and Bioanalytical Electrochemistry*, 10 (1), pp. 98-110.
- 2018-142)** Hsissou, R., Bekhtaa, A., Elharfia, A., Benzidia, B., Hajjajib, N. Theoretical and electrochemical studies of the coating behavior of a new epoxy polymer: Hexaglycidyl ethylene of methylene dianiline (HGEMDA) on E24 steel in 3.5% NaCl (2018) *Portugaliae Electrochimica Acta*, 36 (2), pp. 101-117.
- 2018-143)** Ferreira, B.R., Liu, A.S., Cho, L.Y. Behavior of polypyrrole film chemically polymerized with lauric acid on copper surface (2018) *Materials Science Forum*, 930 MSF, pp. 434-439.
- 2018-144)** Hsissou, R., Benzidia, B., Hajjaji, N., Elharfi, A. Elaboration and electrochemical studies of the coating behavior of a new pentafunctional epoxy polymer (pentaglycidyl ether pentabispheol phosphorus) on E24 carbon steel in 3.5 % NaCl (2018) *Journal of Chemical Technology and Metallurgy*, 53 (5), pp. 898-905.
- 2018-145)** Monticelli, C., Balbo, A., Esvan, J., Chiavari, C., Martini, C., Zanotto, F., Marvelli, L., Robbiola, L. Evaluation of 2-(salicylideneimino) thiophenol and other Schiff bases as bronze corrosion inhibitors by electrochemical techniques and surface analysis (2018) *Corrosion Science*.
- 2018-146)** Liang, X., Yu, X., Pan, X., Wu, J., Duan, Y., Wang, J., Zhou, M. A thiadiazole reduces the virulence of *xanthomonas oryzae* pv. *Oryzae* by inhibiting the histidine utilization pathway and quorum sensing (2018) *Molecular Plant Pathology*, 19 (1), pp. 116-128.
- 2018-147)** Qafsaoui, W., Taouil, A.E., Kendig, M.W., Cachet, H., Joiret, S., Perrot, H., Takenouti, H. Coupling of electrochemical, electrogravimetric and surface analysis techniques to study dithiocarbamate/bronze interactions in chloride media (2018) *Corrosion Science*, 130, pp. 190-202.
- 2018-148)** Kuznetsov, Y.I. Triazoles as a class of multifunctional corrosion inhibitors. A review. part I. 1,2,3-benzotriazole and its derivatives. Copper, zinc and their alloys (2018) *International Journal of Corrosion and Scale Inhibition*, 7 (3), pp. 271-307.
- 2018-149)** Jayram, J., Jeena, V. An iodine/DMSO-catalyzed sequential one-pot approach to 2,4,5-trisubstituted-1H-imidazoles from α -methylene ketones (2018) *RSC Advances*, 8 (66), pp. 37557-37563.
- 2018-150)** Usman, B.J., Ali, S.A. Carbon Dioxide Corrosion Inhibitors: A review (2018) *Arabian Journal for Science and Engineering*, 43 (1).
- 24. Antonijevic M.M., Dimitrijevic M.D., Stevanovic Z.O., Serbula S.M., Bogdanovic G.D. Investigation of the possibility of copper recovery from the flotation tailings by acid leaching (2008) *Journal of Hazardous Materials*, (1) 23-34.**

- 2018-151)** Lü, C., Wang, Y., Qian, P., Liu, Y., Fu, G., Ding, J., Ye, S., Chen, Y. Separation of chalcopyrite and pyrite from a copper tailing by ammonium humate (2018) *Chinese Journal of Chemical Engineering*, 26 (9), pp. 1814-1821.
- 2018-152)** Muravyov, M.I., Fomchenko, N.V. Biohydrometallurgical treatment of old flotation tailings of sulfide ores containing non-ferrous metals and gold (2018) *Minerals Engineering*, 122, pp. 267-276.
- 2018-153)** Yin, Z., Sun, W., Hu, Y., Zhang, C., Guan, Q., Wu, K. Evaluation of the possibility of copper recovery from tailings by flotation through bench-scale, commissioning, and industrial tests (2018) *Journal of Cleaner Production*, 171, pp. 1039-1048.
- 2018-154)** Rogowski, M., Smolinski, T., Pyszynska, M., Brykala, M., Chmielewski, A.G. Studies on hydrometallurgical processes using nuclear techniques to be applied in copper industry. II. Application of radiotracers in copper leaching from flotation tailings (2018) *Nukleonika*, 63 (4), pp. 131-137.
- 2018-155)** Mikhailov, A.G., Vashlaev, I.I., Kharitonova, M.Y., Sviridova, M.L. Upward capillary leaching (2018) *Hydrometallurgy*, 175, pp. 273-277.
- 2018-156)** Mousavinezhad, S.K., Pourghahramani, P., Aghazadeh, S. An Experimental Investigation on the Copper Recovery from Flotation Tailing Dams by Reflotation (2018) *Russian Journal of Non-Ferrous Metals*, 59 (1), pp. 23-31.
- 2018-157)** Urošević, S., Vuković, M., Pejčić, B., Štrbac, N. Mining-metallurgical sources of pollution in eastern Serbia and environmental consciousness (2018) *Revista Internacional de Contaminación Ambiental*, 34 (1), pp. 103-115.
- 25. Antonijević M.M., Maric M. Determination of the content of heavy metals in pyrite contaminated soil and plants (2008) *Sensors*, (9) 5857-5865.**
- 2018-158)** Alshybany, S.S., Hussain, L.E., Kadhim, M.K. The use of plant *helianthus annuus* as accumulators of heavy elements in some soils (2018) *Plant Archives*, 18 (1), pp. 476-478.
- 26. Mihajlović R., Stanić Z., Antonijević M. Natural monocrystalline pyrite, chalcopyrite and galena as electrochemical sensors for potentiometric redox titrations in acetonitrile (2006) *Electrochimica Acta*, (18) 3707-3713.**
- 2018-159)** Wang, Y., Zhao, K.J., Tao, D.P., Zhai, F.G., Yang, H.B., Zhang, Z.Q. Application of pyrite and chalcopyrite as sensor electrode for amperometric detection and measurement of hydrogen peroxide (2018) *RSC Advances*, 8 (9), pp. 5013-5019.
- 27. Antonijević M.M., Dimitrijević M.D., Serbula S.M., Dimitrijević V.L.J., Bogdanović G.D., Milic S.M. Influence of inorganic anions on electrochemical behaviour of pyrite (2005) *Electrochimica Acta*, (20) 4160-4167.**
- 2018-160)** Li, L., Ghahreman, A. The Synergistic Effect of Cu^{2+} - Fe^{2+} - Fe^{3+} Acidic System on the Oxidation Kinetics of Ag-Doped Pyrite (2018) *Journal of Physical Chemistry C*, 122 (47), pp. 26897-26909.
- 2018-161)** Karimi, S., Ghahreman, A., Rashchi, F. Kinetics of Fe(III)-Fe(II) redox half-reactions on sphalerite surface (2018) *Electrochimica Acta*, 281, pp. 624-637.
- 2018-162)** Nicol, M., Zhang, S., Tjandrawan, V. The electrochemistry of pyrite in chloride solutions (2018) *Hydrometallurgy*, 178, pp. 116-123.
- 28. Avramović Z., Antonijević M. Corrosion of cold-deformed brass in acid sulphate solution (2004) *Corrosion Science*, (11) 2793-2802.**
- 2018-163)** Yavuz, A., Hacıibrahimoğlu, M.Y., Bedir, M. Passivation of Cu-Zn alloy on low carbon steel electrodeposited from a pyrophosphate medium (2018) *Materials Research Express*, 5 (1), art. no. 016401.
- 29. Antonijević M.M., Bogdanović G.D. Investigation of the leaching of chalcopyritic ore in acidic solutions (2004) *Hydrometallurgy*, (3-4) 245-256.**
- 2018-164)** McBride, D., Gebhardt, J., Croft, N., Cross, M. Heap leaching: Modelling and forecasting using CFD technology (2018) *Minerals*, 8 (1), art. no. 9.

- 2018-165)** Smolinski, T., Rogowski, M., Brykala, M., Pyszynska, M., Chmielewski, A.G. Studies on hydrometallurgical processes using nuclear techniques to be applied in copper industry. I. Application of ^{64}Cu radiotracer for investigation of copper ore leaching (2018) *Nukleonika*, 63 (4), pp. 123-129.
- 30. Antonijevic M.M., Jankovic Z.D., Dimitrijevic M.D. Kinetics of chalcopyrite dissolution by hydrogen peroxide in sulphuric acid (2004) Hydrometallurgy, (3-4) 329-334.**
- 2018-166)** Yin, X., Tian, X., Wu, Y., Zhang, Q., Wang, W., Li, B., Gong, Y., Zuo, T. Recycling rare earth elements from waste cathode ray tube phosphors: Experimental study and mechanism analysis (2018) *Journal of Cleaner Production*, 205, pp. 58-66.
- 2018-167)** Masaki, Y., Hirajima, T., Sasaki, K., Miki, H., Okibe, N. Microbiological Redox Potential Control to Improve the Efficiency of Chalcopyrite Bioleaching (2018) *Geomicrobiology Journal*, 35 (8), pp. 648-656.
- 31. Mihajlovic R., Stanic Z., Antonijevic M. Coulometric-potentiometric titration of bases and acids in γ -butyrolactone(2003) Analytica Chimica Acta, (1-2) 143-154.**
- 2018-168)** Huang, C., Shen, C., Jin, L., Cai, H. Determination of trace amounts of hydrofluoric acid in non-aqueous solutions by the coulometric titration method (2018) *Sensors (Switzerland)*, 18 (12), art. no. 4439.
- 32. Antonijevic M.M., Mihajlovic R.P., Vukanovic B.V. Natural monocrystalline pyrite as sensor for potentiometric redox titrations. Part I. Titrations with permanganate (2002) Sensors, (4) 153-163.**
- 2018-169)** Saavedra, A., Figueredo, F., Cortón, E., Abrevaya, X.C. An electrochemical sensing approach for scouting microbial chemolithotrophic metabolisms (2018) *Bioelectrochemistry*, 123, pp. 125-136.
- 33. Dimitrijevic M., Antonijevic M.M., Dimitrijevic V. Investigation of the kinetics of pyrite oxidation by hydrogen peroxide in hydrochloric acid solutions (1999) Minerals Engineering, (2) 165-174.**
- 2018-170)** Kollias, K., Mylona, E., Papassiopi, N., Xenidis, A. Development of silica protective layer on pyrite surface: a column study (2018) *Environmental Science and Pollution Research*, 25 (27), pp. 26780-26792.
- 2018-171)** Jing, Z., Balucan, R.D., Underschultz, J.R., Steel, K.M. Oxidant stimulation for enhancing coal seam permeability: Swelling and solubilisation behaviour of unconfined coal particles in oxidants (2018) *Fuel*, 221, pp. 320-328.
- 34. Antonijevic M.M., Dimitrijevic M., Jankovic Z. Leaching of pyrite with hydrogen peroxide in sulphuric acid (1997) Hydrometallurgy, (1-2) 71-83.**
- 2018-172)** Alkan, G., Yagmurlu, B., Cakmakoglu, S., Hertel, T., Kaya, S., Gronen, L., Stopic, S., Friedrich, B. Novel Approach for Enhanced Scandium and Titanium Leaching Efficiency from Bauxite Residue with Suppressed Silica Gel Formation (2018) *Scientific Reports*, 8 (1), art. no. 5676.
- 2018-173)** Mizero, B., Musongo, T., Rene, E.R., Batten, F., Lens, P.N.L. Optimization of process parameters for the chemical leaching of base metals from telecom and desktop printed circuit boards (2018) *Process Safety and Environmental Protection*, 120, pp. 14-23.
- 2018-174)** Zhang, P., Huang, W., Ji, Z., Zhou, C., Yuan, S. Mechanisms of hydroxyl radicals production from pyrite oxidation by hydrogen peroxide: Surface versus aqueous reactions (2018) *Geochimica et Cosmochimica Acta*, 238, pp. 394-410.
- 2018-175)** Iraola-Arregui, I., Van Der Gryp, P., Görgens, J.F. A review on the demineralisation of pre- and post-pyrolysis biomass and tyre wastes (2018) *Waste Management*, 79, pp. 667-688.
- 2018-176)** Rodríguez-Rodríguez, C., Nava-Alonso, F., Uribe-Salas, A. Pyrite oxidation with ozone: stoichiometry and kinetics (2018) *Canadian Metallurgical Quarterly*, 57 (3), pp. 294-303.
- 2018-177)** Soriano-Disla, J.M., Spille, U., Gabarrón, M., Faz, Á., Acosta, J.A. Evaluation of strategies for mitigating risks associated with metals in pyrite ash (2018) *Journal of Environmental Management*, 217, pp. 403-410.

- 2018-178)** Snyders, C.A., Akdogan, G., Bradshaw, S.M., van Vreden, J.H., Smith, R. The development of a caustic pre-leaching step for the recovery of Au from a refractory ore tailings heap (2018) *Minerals Engineering*, 121, pp. 23-30.
- 2018-179)** YANG, H.-Y., LIU, Q., CHEN, G.-B., TONG, L.-L., ALI, A. Bio-dissolution of pyrite by *Phanerochaete chrysosporium* (2018) *Transactions of Nonferrous Metals Society of China (English Edition)*, 28 (4), pp. 766-774.
- 2018-180)** Smolinski, T., Rogowski, M., Brykala, M., Pyszynska, M., Chmielewski, A.G. Studies on hydrometallurgical processes using nuclear techniques to be applied in copper industry. I. Application of ⁶⁴Cu radiotracer for investigation of copper ore leaching (2018) *Nukleonika*, 63 (4), pp. 123-129.
- 35. Dimitrijevic M., Antonijevic M.M., Jankovic Z. Kinetics of pyrite dissolution by hydrogen peroxide in perchloric acid (1996) *Hydrometallurgy*, (3) 377-386.**
- 2018-181)** Yin, X., Tian, X., Wu, Y., Zhang, Q., Wang, W., Li, B., Gong, Y., Zuo, T. Recycling rare earth elements from waste cathode ray tube phosphors: Experimental study and mechanism analysis (2018) *Journal of Cleaner Production*, 205, pp. 58-66.
- 2018-182)** Zhang, P., Huang, W., Ji, Z., Zhou, C., Yuan, S. Mechanisms of hydroxyl radicals production from pyrite oxidation by hydrogen peroxide: Surface versus aqueous reactions (2018) *Geochimica et Cosmochimica Acta*, 238, pp. 394-410.
- 2018-183)** Tao, D., Wang, Y., Li, L. An electrochemical study of surface oxidation and collectorless flotation of pyrite (2018) *International Journal of Electrochemical Science*, 13 (6), pp. 5971-5982.
- 36. Antonijevic M.M., Jankovic Z., Dimitrijevic M. Investigation of the kinetics of chalcopyrite oxidation by potassium dichromate (1994) *Hydrometallurgy*, (2) 187-201.**
- 2018-184)** Stanić, Z. Natural sulfide minerals as electrode materials for electrochemical analysis in dipolar aprotic solvents (2018) *International Journal of Electrochemical Science*, 13 (11), pp. 11113-11135.
- 2018-185)** Masaki, Y., Hirajima, T., Sasaki, K., Miki, H., Okibe, N. Microbiological Redox Potential Control to Improve the Efficiency of Chalcopyrite Bioleaching (2018) *Geomicrobiology Journal*, 35 (8), pp. 648-656.
- 37. Antonijevic M.M., Pacovic N.V. Investigation of molybdenite oxidation by sodium dichromate (1992) *Minerals Engineering*, (2) 223-233.**
- 2018-186)** Shalchian, H., Khaki, J.V., Babakhani, A., Michelis, I.D., Veglio, F., Parizi, M.T. An enhanced dissolution rate of molybdenite and variable activation energy (2018) *Hydrometallurgy*, 175, pp. 52-63.
- 38. Serbula S.M., Milosavljevic J.S., Radojevic A.A., Kalinovic J.V., Kalinovic T.S. Extreme air pollution with contaminants originating from the mining–metallurgical processes (2017) *Science of the Total Environment*, 1066-1075.**
- 2018-187)** Khademi, H., Abbaspour, A., Martínez-Martínez, S., Gabarrón, M., Shahrokh, V., Faz, A., Acosta, J.A. Provenance and environmental risk of windblown materials from mine tailing ponds, Murcia, Spain (2018) *Environmental Pollution*, 241, pp. 432-440.
- 2018-188)** Stevanović, V., Gulán, L., Milenković, B., Valjarević, A., Zeremski, T., Penjišević, I. Environmental risk assessment of radioactivity and heavy metals in soil of Toplica region, South Serbia (2018) *Environmental Geochemistry and Health*, 40 (5), pp. 2101-2118.
- 2018-189)** Đorđievski, S., Ishiyama, D., Ogawa, Y., Stevanović, Z. Mobility and natural attenuation of metals and arsenic in acidic waters of the drainage system of Timok River from Bor copper mines (Serbia) to Danube River (2018) *Environmental Science and Pollution Research*, 25 (25), pp. 25005-25019.
- 2018-190)** Hernández-Pérez, A., Mattos, H., Ramos-Suárez, J.L. Phytoremediation using microalgae: Techniques and perspectives (2018) *Phytoremediation: Methods, Management and Assessment*, pp. 237-297.
- 39. Radojevic A.A., Serbula S.M., Kalinovic T.S., Kalinovic J.V., Steharnik M.M., Petrovic J.V., Milosavljevic J.S. Metal/metalloid content in plant parts and soils of *Corylus* spp. influenced by mining–metallurgical production of copper (2017) *Environmental Science and Pollution Research*, (11) 10326-10340.**

- 2018-191) Mercado-Blanco, J., Abrantes, I., Caracciolo, A.B., Bevivino, A., Ciancio, A., Grenni, P., Hryniewicz, K., Kredics, L., Proença, D.N. Belowground microbiota and the health of tree crops (2018) *Frontiers in Microbiology*, 9 (JUN), art. no. 1006.
40. **Kalinovic T.S., Serbula S.M., Kalinovic J.V., Radojevic A.A., Petrovic J.V., Steharnik M.M., Milosavljevic J.S. Suitability of linden and elder in the assessment of environmental pollution of Brestovac spa and Bor lake (Serbia) (2017) *Environmental Earth Sciences*, (4).**
- 2018-192) Shengjuan, B., Hong, G., Juan, Z. Measurement and analysis of health effects of environmental pollution based on grossman theory (2018) *Journal of Advanced Oxidation Technologies*, 21 (2), art. no. 201806629.
41. **Serbula S., Stankovic V., Zivkovic D., Kamberovic Z., Gorgievski M., Kalinovic T. Characteristics of Wastewater Streams Within the Bor Copper Mine and Their Influence on Pollution of the Timok River, Serbia (2016) *Mine Water and the Environment*, (4) 480-485.**
- 2018-193) Đorđević, S., Ishiyama, D., Ogawa, Y., Stevanović, Z. Mobility and natural attenuation of metals and arsenic in acidic waters of the drainage system of Timok River from Bor copper mines (Serbia) to Danube River (2018) *Environmental Science and Pollution Research*, 25 (25), pp. 25005-25019.
42. **Kalinovic T.S., Serbula S.M., Radojevic A.A., Kalinovic J.V., Steharnik M.M., Petrovic J.V. Elder, linden and pine biomonitoring ability of pollution emitted from the copper smelter and the tailings ponds (2016) *Geoderma*, 266-275.**
- 2018-194) Roque-Álvarez, I., Sosa-Rodríguez, F.S., Vazquez-Arenas, J., Escobedo-Bretado, M.A., Labastida, I., Corral-Rivas, J.J., Aragón-Piña, A., Armienta, M.A., Ponce-Peña, P., Lara, R.H. Spatial distribution, mobility and bioavailability of arsenic, lead, copper and zinc in low polluted forest ecosystem in North-western Mexico (2018) *Chemosphere*, 210, pp. 320-333.
- 2018-195) Mohammadi, A., Mokhtari, M., Arani, A.M., Taghipour, H., Hajizadeh, Y., Fallahzadeh, H. Biomonitoring levels of airborne metals around Urmia Lake using deciduous trees and evaluation of their tolerance for greenbelt development (2018) *Environmental Science and Pollution Research*, 25 (21), pp. 21138-21148.
- 2018-196) Wang, J., Cheng, Q., Xue, S., Rajendran, M., Wu, C., Liao, J. Pollution characteristics of surface runoff under different restoration types in manganese tailing wasteland (2018) *Environmental Science and Pollution Research*, 25 (10), pp. 9998-10005.
43. **Serbula S.M., Ilic A.A., Kalinovic J.V., Kalinovic T.S., Petrovic N.B. Assessment of air pollution originating from copper smelter in Bor (Serbia) (2014) *Environmental Earth Sciences*, (4) 1651-1661.**
- 2018-197) Stevanović, V., Gulán, L., Milenković, B., Valjarević, A., Zeremski, T., Penjišević, I. Environmental risk assessment of radioactivity and heavy metals in soil of Toplica region, South Serbia (2018) *Environmental Geochemistry and Health*, 40 (5), pp. 2101-2118.
- 2018-198) Urošević, S., Vukovic, M., Pejčić, B., Štrbac, N. Mining-metallurgical sources of pollution in eastern serbia and environmental consciousness (2018) *Revista Internacional de Contaminacion Ambiental*, 34 (1), pp. 103-115.
44. **Serbula S.M., Radojevic A.A., Kalinovic J.V., Kalinovic T.S. Indication of airborne pollution by birch and spruce in the vicinity of copper smelter (2014) *Environmental Science and Pollution Research*, (19) 11510-11520.**
- 2018-199) Turner, A., Chan, C.C., Brown, M.T. Application of field-portable-XRF for the determination of trace elements in deciduous leaves from a mine-impacted region (2018) *Chemosphere*, 209, pp. 928-934.
- 2018-200) Bing, H., Zhou, J., Wu, Y., Luo, X., Xiang, Z., Sun, H., Wang, J., Zhu, H. Barrier effects of remote high mountain on atmospheric metal transport in the eastern Tibetan Plateau (2018) *Science of the Total Environment*, 628-629, pp. 687-696.

2018-201) Randelović, D., Jakovljević, K., Mihailović, N., Jovanović, S. Metal accumulation in populations of *Calamagrostis epigejos* (L.) Roth from diverse anthropogenically degraded sites (SE Europe, Serbia) (2018) *Environmental Monitoring and Assessment*, 190 (4), art. no. 183.

2018-202) Borgulat, J., Mętrak, M., Staszewski, T., Wiłkomirski, B., Suska-Malawska, M. Heavy metals accumulation in soil and plants of polish peat bogs (2018) *Polish Journal of Environmental Studies*, 27 (2), pp. 537-544.

- 45. Alagic S.C., Serbula S.S., Tosic S.B., Pavlovic A.N., Petrovic J.V. Bioaccumulation of arsenic and cadmium in birch and lime from the Bor region (2013) Archives of Environmental Contamination and Toxicology, (4) 671-682.**

2018-203) Jeddi, K., Chaieb, M. Evaluation of the potential of *Erodium glaucophyllum* L. for phytoremediation of metal-polluted arid soils (2018) *Environmental Science and Pollution Research*, 25 (36), pp. 36636-36644.

2018-204) Urošević, S., Vukovic, M., Pejčić, B., Štrbac, N. Mining-metallurgical sources of pollution in eastern serbia and environmental consciousness (2018) *Revista Internacional de Contaminacion Ambiental*, 34 (1), pp. 103-115.

- 46. Bozic D., Gorgievski M., Stankovic V., Strbac N., Serbula S., Petrovic N. Adsorption of heavy metal ions by beech sawdust - Kinetics, mechanism and equilibrium of the process (2013) Ecological Engineering, 202-206.**

2018-205) Tao, X., Wu, Y., Sha, H. Cuprous Oxide-Modified Diatomite Waste from the Brewery Used as an Effective Adsorbent for Removal of Organic Dye: Adsorption Performance, Kinetics and Mechanism Studies (2018) *Water, Air, and Soil Pollution*, 229 (10), art. no. 322.

2018-206) Czikkely, M., Neubauer, E., Fekete, I., Ymeri, P., Fogarassy, C. Review of heavy metal adsorption processes by several organic matters from wastewaters (2018) *Water (Switzerland)*, 10 (10), art. no. 1377.

2018-207) Zbair, M., Anfar, Z., Khallok, H., Ahsaine, H.A., Ezahri, M., Elalem, N. Adsorption kinetics and surface modeling of aqueous methylene blue onto activated carbonaceous wood sawdust (2018) *Fullerenes Nanotubes and Carbon Nanostructures*, 26 (7), pp. 433-442.

2018-208) Zhang, L., Liu, Z., Fan, Y., Fan, A., Han, X. Modification of semi-coke powder and its adsorption mechanisms for Cr(VI) and methylene blue (2018) *IOP Conference Series: Earth and Environmental Science*, 121 (2), art. no. 022024.

2018-209) Moazezi, N., Baghdadi, M., Hickner, M.A., Moosavian, M.A. Modeling and Experimental Evaluation of Ni(II) and Pb(II) Sorption from Aqueous Solutions Using a polyaniline/CoFeC₆N₆ Nanocomposite (2018) *Journal of Chemical and Engineering Data*, 63 (3), pp. 741-750.

2018-210) He, J., Shang, H., Zhang, X., Sun, X. Synthesis and application of ion imprinting polymer coated magnetic multi-walled carbon nanotubes for selective adsorption of nickel ion (2018) *Applied Surface Science*, 428, pp. 110-117.

2018-211) Zhang, K., Li, Z., Deng, N., Ju, J., Li, Y., Cheng, B., Kang, W., Yan, J. Tree-like cellulose nanofiber membranes modified by citric acid for heavy metal ion (Cu²⁺) removal (2018) *Cellulose*, Article in Press.

2018-212) Sha, H., Wu, Y., Fan, Y. Utilization of industrial waste as a novel adsorbent: Mono/competitive adsorption of chromium(VI) and nickel(II) using diatomite waste modified by EDTA (2018) *Applied Organometallic Chemistry*, 32 (1), art. no. e3977.

- 47. Gorgievski M., Bozic D., Stankovic V., Strbac N., Serbula S. Kinetics, equilibrium and mechanism of Cu²⁺, Ni²⁺ and Zn²⁺ ions biosorption using wheat straw (2013) Ecological Engineering, 113-122.**

2018-213) Saygılı, H., Akkaya Saygılı, G., Güzel, F. Surface modification of black tea waste using bleaching technique for enhanced biosorption of Methylene blue in aqueous environment (2018) *Separation Science and Technology (Philadelphia)*, 53 (18), pp. 2882-2895.

- 2018-214)** Ferreira Da Silva, A.J., Paiva De Alencar Moura, M.C., Da Silva Santos, E., Saraiva Pereira, J.E., Lins De Barros Neto, E. Copper removal using carnauba straw powder: Equilibrium, kinetics, and thermodynamic studies (2018) *Journal of Environmental Chemical Engineering*, 6 (6), pp. 6828-6835.
- 2018-215)** Segovia-Sandoval, S.J., Ocampo-Pérez, R., Berber-Mendoza, M.S., Leyva-Ramos, R., Jacobo-Azuara, A., Medellín-Castillo, N.A. Walnut shell treated with citric acid and its application as biosorbent in the removal of Zn(II) (2018) *Journal of Water Process Engineering*, 25, pp. 45-53.
- 2018-216)** Naeem, F., Kazmi, M.A., Sulaiman, M., Ali, C.H., Feroze, N. Optimization of copper removal by acid-treated date palm seed using response surface methodology (RSM) (2018) *Desalination and Water Treatment*, 126, pp. 164-170.
- 2018-217)** Wang, C., Chen, P., Li, Z. Progress in Preparation and Application of Organic Waste Based Activated Carbon (2018) *IOP Conference Series: Materials Science and Engineering*, 392 (4), art. no. 042004, .
- 2018-218)** Li, H.-Y., Yao, D.-H., Feng, Q.-J., Zeng, H.-B., Liang, J.-M., Zhou, Z., Tian, Y., Zhou, N., Lu, X.-Y. Adsorption of cd(ii) and pb(ii) on biochars derived from grape vine shoots (2018) *Desalination and Water Treatment*, 118, pp. 195-204.
- 2018-219)** Yousaf, A., Athar, M., Salman, M., Farooq, U., Makshoof, N., Zaman, Z., Sohail, M. Biosorptive removal of cobalt from aqueous solution by using native and thiourea modified pennisetum glaucum (2018) *Desalination and Water Treatment*, 103, pp. 199-207.
- 2018-220)** Xie, S., Luo, W.-W., Wang, N., Xu, Y.-M., Sun, Y.-B. Study of adsorption characteristics of Pb²⁺ on montmorillonite-rice husk bio-charcoal composites (2018) *Journal of Agro-Environment Science*, 37 (11), pp. 2578-2585.
- 2018-221)** Xian, Y., Wu, J., Yang, G., Liao, R., Zhang, X., Peng, H., Yu, X., Shen, F., Li, L., Wang, L. Adsorption characteristics of Cd(ii) in aqueous solutions using spent mushroom substrate biochars produced at different pyrolysis temperatures (2018) *RSC Advances*, 8 (49), pp. 28002-28012.
- 48. Serbula S.M., Kalinovic T.S., Ilic A.A., Kalinovic J.V., Steharnik M.M. Assessment of airborne heavy metal pollution using Pinus spp. and Tilia spp (2013) Aerosol and Air Quality Research, (2) 563-573.**
- 2018-222)** Mleczek, M., Goliński, P., Waliszewska, B., Mocek, A., Gąsecka, M., Zborowska, M., Magdziak, Z., Cichy, W.J., Mazela, B., Kozubik, T., Mocek-Płóćiniak, A., Moliński, W., Niedzielski, P. The importance of substrate compaction and chemical composition in the phytoextraction of elements by Pinus sylvestris L. (2018) *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, 53 (11), pp. 1029-1038.
- 2018-223)** Mohammadi, A., Mokhtari, M., Arani, A.M., Taghipour, H., Hajizadeh, Y., Fallahzadeh, H. Biomonitoring levels of airborne metals around Urmia Lake using deciduous trees and evaluation of their tolerance for greenbelt development (2018) *Environmental Science and Pollution Research*, 25 (21), pp. 21138-21148.
- 2018-224)** Juranović Cindrić, I., Zeiner, M., Starčević, A., Stinger, G. Metals in pine needles: characterisation of bio-indicators depending on species (2018) *International Journal of Environmental Science and Technology*, . Article in Press.
- 2018-225)** Urošević, S., Vukovic, M., Pejčić, B., Štrbac, N., Mining-metallurgical sources of pollution in eastern serbia and environmental consciousness (2018) *Revista Internacional de Contaminacion Ambiental*, 34 (1), pp. 103-115.
- 2018-226)** Zaric, N.M., Deljanin, I., Ilijević, K., Stanisavljević, L., Ristić, M., Gržetić, I. Assessment of spatial and temporal variations in trace element concentrations using honeybees (*Apis mellifera*) as bioindicators (2018) *PeerJ*, 2018 (7), art. no. e5197.
- 2018-227)** Mleczek, M., Rutkowski, P., Kaniuczak, J., Szostek, M., Budka, A., Magdziak, Z., Budzyńska, S., Kuczyńska-Kippen, N., Niedzielski, P. The significance of selected tree species age in their efficiency in elements phytoextraction from wastes mixture (2018) *International Journal of Environmental Science and Technology*, . Article in Press.

- 49. Serbula S.M., Kalinovic T.S., Kalinovic J.V., Ilic A.A. Exceedance of air quality standards resulting from pyro-metallurgical production of copper: A case study, Bor (Eastern Serbia) (2013) Environmental Earth Sciences, (7) 1989-1998.**

2018-228) Urošević, S., Vuković, M., Pejčić, B., Štrbac, N. Mining-metallurgical sources of pollution in eastern Serbia and environmental consciousness (2018) *Revista Internacional de Contaminación Ambiental*, 34 (1), pp. 103-115.

- 50. Serbula S.M., Miljkovic D.D., Kovacevic R.M., Ilic A.A. Assessment of airborne heavy metal pollution using plant parts and topsoil (2012) Ecotoxicology and Environmental Safety, (1) 209-214.**

2018-229) Timofeev, I., Kosheleva, N., Kasimov, N. Contamination of soils by potentially toxic elements in the impact zone of tungsten-molybdenum ore mine in the Baikal region: A survey and risk assessment (2018) *Science of the Total Environment*, 642, pp. 63-76.

2018-230) Roque-Álvarez, I., Sosa-Rodríguez, F.S., Vázquez-Arenas, J., Escobedo-Bretado, M.A., Labastida, I., Corral-Rivas, J.J., Aragón-Piña, A., Armienta, M.A., Ponce-Peña, P., Lara, R.H. Spatial distribution, mobility and bioavailability of arsenic, lead, copper and zinc in low polluted forest ecosystem in North-western Mexico (2018) *Chemosphere*, 210, pp. 320-333.

2018-231) Safari, M., Ramavandi, B., Sanati, A.M., Sorial, G.A., Hashemi, S., Tahmasebi, S. Potential of trees leaf/ bark to control atmospheric metals in a gas and petrochemical zone (2018) *Journal of Environmental Management*, 222, pp. 12-20.

2018-232) Kardel, F., Wuyts, K., De Wael, K., Samson, R. Biomonitoring of atmospheric particulate pollution via chemical composition and magnetic properties of roadside tree leaves (2018) *Environmental Science and Pollution Research*, 25 (26), pp. 25994-26004.

2018-233) Lu, X., Xue, X., Zhou, X. Enrichment Condition and Security Risk Assessment of Heavy Metals in Soil-Crops System around the Gangue Dumps (2018) *IOP Conference Series: Earth and Environmental Science*, 170 (5), art. no. 052024, .

2018-234) Đuričić-Milanković, J., Anđelković, I., Pantelić, A., Petrović, S., Gambaro, A., Antonović, D., Đorđević, D. Partitioning of particulate matter and elements of suburban continental aerosols between fine and coarse modes (2018) *Environmental Science and Pollution Research*, 25 (21), pp. 20841-20853.

2018-235) Mohammadi, A., Mokhtari, M., Arani, A.M., Taghipour, H., Hajizadeh, Y., Fallahzadeh, H. Biomonitoring levels of airborne metals around Urmia Lake using deciduous trees and evaluation of their tolerance for greenbelt development (2018) *Environmental Science and Pollution Research*, 25 (21), pp. 21138-21148.

2018-236) Koźmińska, A., Wiszniewska, A., Hanus-Fajerska, E., Muszyńska, E. Recent strategies of increasing metal tolerance and phytoremediation potential using genetic transformation of plants (2018) *Plant Biotechnology Reports*, 12 (1).

2018-237) Jeon, C.H., Park, C.S., Lee, C.S., Ha, T.H. Simple immobilization of mercury ion chemosensors to solid substrate (2018) *Journal of Industrial and Engineering Chemistry*, 57, pp. 370-376.

2018-238) Zinicovscaia, I., Sturza, R., Gurmeza, I., Vergel, K., Gundorina, S., Duca, G. Metal bioaccumulation in the soil-leaf-fruit system determined by neutron activation analysis (2018) *Journal of Food Measurement and Characterization*, Article in Press.

2018-239) Levei, L., Kovacs, E., Hoaghia, M.-A., Ozunu, A. Accumulation of heavy metals in plantago major grown in urban and post-industrial areas (2018) *Studia Universitatis Babes-Bolyai Chimia*, 63 (1), pp. 87-98.

2018-240) Jankowski, K., Malinowska, E., Ciepiela, G.A., Jankowska, J., Wiśniewska-Kadzaján, B., Sosnowski, J. Lead and Cadmium Content in Grass Growing Near An Expressway (2018) *Archives of Environmental Contamination and Toxicology*, Article in Press.

- 51. Tosic S., Stojanovic G., Mitic S., Pavlovic A., Alagic S., Mineral composition of selected serbian propolis samples (2017) Journal of Apicultural Science, (1) 5-15.**

- 2018-241)** Orsi, R.O., Barros, D.C.B., Silva, R.C.M., Queiroz, J.V., Araújo, W.L.P., Shinohara, A.J. Toxic metals in the crude propolis and its transfer rate to the ethanolic extract (2018) *Sociobiology*, 65 (4), pp. 640-644.
- 52. Alagic S.C., Tosic S.B., Dimitrijevic M.D., Petrovic J.V., Medic D.V. Chemometric evaluation of trace metals in *Prunus persica* L. Batech and *Malus domestica* from Minićevo (Serbia) (2017) *Food Chemistry*, 568-575.**
- 2018-242)** Hidalgo, M.J., Pozzi, M.T., Furlong, O.J., Marchevsky, E.J., Pellerano, R.G. Classification of organic olives based on chemometric analysis of elemental data (2018) *Microchemical Journal*, 142, pp. 30-35.
- 2018-243)** Radziemska, M., Bilgin, A., Vaverková, M.D. Application of Mineral-Based Amendments for Enhancing Phytostabilization in *Lolium perenne* L. Cultivation (2018) *Clean - Soil, Air, Water*, 46 (1), art. no. 1600679.
- 53. Alagic S.C., Jovanovic V.P.S., Mitic V.D., Cvetkovic J.S., Petrovic G.M., Stojanovic G.S. Bioaccumulation of HMW PAHs in the roots of wild blackberry from the Bor region (Serbia): Phytoremediation and biomonitoring aspects (2016) *Science of the Total Environment*, 561-570.**
- 2018-244)** Santos, G.M., Masion, A., Alexandre, A. When the carbon being dated is not what you think it is: Insights from phytolith carbon research (2018) *Quaternary Science Reviews*, 197, pp. 162-174.
- 2018-245)** Sushkova, S., Deryabkina, I., Antonenko, E., Kizilkaya, R., Rajput, V., Vasilyeva, G. Benzo[a]pyrene degradation and bioaccumulation in soil-plant system under artificial contamination (2018) *Science of the Total Environment*, 633, pp. 1386-1391.
- 2018-246)** Moreno-Medina, B.L., Casierra-Posada, F., Cutler, J. Phytochemical Composition and Potential Use of *Rubus* Species [Phytochemische Zusammensetzung und mögliche Verwendung von *Rubus*-Arten] (2018) *Gesunde Pflanzen*, 70 (2), pp. 65-74.
- 2018-247)** Sushkova, S., Minkina, T., Deryabkina Turina, I., Antonenko, E., Movsesyan, H. Pahs bioaccumulation in soil-plant system in artificial contaminated model experience (2018) *International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM*, 18 (5.1), pp. 613-620.
- 2018-248)** Peng, X., Xu, P.-F., Du, H., Tang, Y., Meng, Y., Yuan, L., Sheng, L.-P. Degradation of polycyclic aromatic hydrocarbons: A review (2018) *Applied Ecology and Environmental Research*, 16 (5), pp. 6419-6440.
- 54. Tosic S., Alagic S., Dimitrijevic M., Pavlovic A., Nujkic M. Plant parts of the apple tree (*Malus* spp.) as possible indicators of heavy metal pollution (2016) *Ambio*, (4) 501-512.**
- 2018-249)** Shahbaz, A.K., Iqbal, M., Jabbar, A., Hussain, S., Ibrahim, M. Assessment of nickel bioavailability through chemical extractants and red clover (*Trifolium pratense* L.) in an amended soil: Related changes in various parameters of red clover (2018) *Ecotoxicology and Environmental Safety*, 149, pp. 116-127.
- 2018-250)** Sevik, H., Ozel, H.B., Cetin, M., Özel, H.U., Erdem, T. Determination of changes in heavy metal accumulation depending on plant species, plant organism, and traffic density in some landscape plants (2018) *Air Quality, Atmosphere and Health*, Article in Press.
- 2018-251)** Turkyilmaz, A., Cetin, M., Sevik, H., Isinkaralar, K., Saleh, E.A.A. Variation of heavy metal accumulation in certain landscaping plants due to traffic density (2018) *Environment, Development and Sustainability*, Article in Press.
- 2018-252)** Turkyilmaz, A., Sevik, H., Cetin, M., Ahmaida Saleh, E.A. Changes in heavy metal accumulation depending on traffic density in some landscape plants (2018) *Polish Journal of Environmental Studies*, 27 (5), pp. 2277-2284.

55. Nujkic M.M., Dimitrijevic M.M., Alagic S.C., Tosic S.B., Petrovic J.V. **Impact of metallurgical activities on the content of trace elements in the spatial soil and plant parts of *Rubus fruticosus* L. (2016) Environmental Science: Processes and Impacts, (3) 350-360.**
2018-253) Koczka, N., Stefanovits-Bányai, É., Prokaj, E. Element composition, total phenolics and antioxidant activity of wild and cultivated blackberry (*Rubus fruticosus* L.) fruits and leaves during the harvest time (2018) *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 46 (2), pp. 563-569.
56. Dimitrijevic M.D., Nujkic M.M., Alagic S.C., Milic S.M., Tosic S.B. **Heavy metal contamination of topsoil and parts of peach-tree growing at different distances from a smelting complex (2016) International Journal of Environmental Science and Technology, (2) 615-630.**
2018-254) Sawut, R., Kasim, N., Maihemuti, B., Hu, L., Abliz, A., Abdujappar, A., Kurban, M. Pollution characteristics and health risk assessment of heavy metals in the vegetable bases of northwest China (2018) *Science of the Total Environment*, 642, pp. 864-878.
2018-255) Turner, A., Chan, C.C., Brown, M.T. Application of field-portable-XRF for the determination of trace elements in deciduous leaves from a mine-impacted region (2018) *Chemosphere*, 209, pp. 928-934.
2018-256) Safari, Y., Delavar, M.-A., Zhang, C., Noori, Z., Rahmanian, M. Assessing cadmium risk in wheat grain using soil threshold values (2018) *International Journal of Environmental Science and Technology*, 15 (4), pp. 887-894.
2018-257) Bortnikova, S.B., Yurkevich, N.V., Abrosimova, N.A., Devyatova, A.Y., Edelev, A.V., Makas, A.L., Troshkov, M.L. Assessment of emissions of trace elements and sulfur gases from sulfide tailings (2018) *Journal of Geochemical Exploration*, 186, pp. 256-269.
2018-258) Gallini, L., Ajmone-Marsan, F., Scalenghe, R. The contamination legacy of a decommissioned iron smelter in the Italian Alps (2018) *Journal of Geochemical Exploration*, 186, pp. 121-128.
2018-259) Sevik, H., Ozel, H.B., Cetin, M., Özel, H.U., Erdem, T. Determination of changes in heavy metal accumulation depending on plant species, plant organism, and traffic density in some landscape plants (2018) *Air Quality, Atmosphere and Health*, Article in Press.
2018-260) Urošević, S., Vukovic, M., Pejčić, B., Štrbac, N. Mining-metallurgical sources of pollution in eastern Serbia and environmental consciousness (2018) *Revista Internacional de Contaminacion Ambiental*, 34 (1), pp. 103-115.
57. Alagic S.C., Maluckov B.S., Radojicic V.B. **How can plants manage polycyclic aromatic hydrocarbons? May these effects represent a useful tool for an effective soil remediation? A review (2015) Clean Technologies and Environmental Policy, (3) 597-614.**
2018-261) Bi, Y.F., Guo, F.Y., Yang, L., Zhong, H., Wang, A.K., Wang, Y.K., Wu, Z.Z., Du, X.H. *Phyllostachys edulis* forest reduces atmospheric PM_{2.5} and PAHs on hazy days at suburban area (2018) *Scientific Reports*, 8 (1), art. no. 12591.
2018-262) Mandal, V., Chouhan, K.B.S., Tandey, R., Sen, K.K., Kala, H.K., Mehta, R. Critical analysis and mapping of research trends and impact assessment of polyaromatic hydrocarbon accumulation in leaves: let history tell the future (2018) *Environmental Science and Pollution Research*, 25 (23), pp. 22464-22474.
2018-263) Košnář, Z., Mercl, F., Tlustoš, P. Ability of natural attenuation and phytoremediation using maize (*Zea mays* L.) to decrease soil contents of polycyclic aromatic hydrocarbons (PAHs) derived from biomass fly ash in comparison with PAHs-spiked soil (2018) *Ecotoxicology and Environmental Safety*, 153, pp. 16-22.
2018-264) Zhang, Y., Virjamo, V., Du, W., Yin, Y., Nissinen, K., Nybakken, L., Guo, H., Julkunen-Tiitto, R. Effects of soil pyrene contamination on growth and phenolics in Norway spruce (*Picea abies*) are modified by elevated temperature and CO₂ (2018) *Environmental Science and Pollution Research*, 25 (13), pp. 12788-12799.

- 2018-265)** Patowary, R., Patowary, K., Kalita, M.C., Deka, S. Application of biosurfactant for enhancement of bioremediation process of crude oil contaminated soil (2018) *International Biodeterioration and Biodegradation*, 129, pp. 50-60.
- 2018-266)** Zhang, J., Fan, S.-K., Zhang, M.-H., Grieneisen, M.L., Zhang, J.-F. Aliphatic hydrocarbons recovered in vegetables from soils based on their in-situ distribution in various soil humus fractions using a successive extraction method (2018) *Journal of Hazardous Materials*, 346, pp. 10-18.
- 2018-267)** Wu, Y., Ding, Q., Zhu, Q., Zeng, J., Ji, R., Dumont, M.G., Lin, X. Contributions of ryegrass, lignin and rhamnolipid to polycyclic aromatic hydrocarbon dissipation in an arable soil (2018) *Soil Biology and Biochemistry*, 118, pp. 27-34.
- 2018-268)** García-Sánchez, M., Košnář, Z., Mercl, F., Aranda, E., Tlustoš, P. A comparative study to evaluate natural attenuation, mycoaugmentation, phytoremediation, and microbial-assisted phytoremediation strategies for the bioremediation of an aged PAH-polluted soil (2018) *Ecotoxicology and Environmental Safety*, 147, pp. 165-174.
- 2018-269)** Peng, X., Xu, P.-F., Du, H., Tang, Y., Meng, Y., Yuan, L., Sheng, L.-P. Degradation of polycyclic aromatic hydrocarbons: A review (2018) *Applied Ecology and Environmental Research*, 16 (5), pp. 6419-6440.
- 2018-270)** Gajic, G.M., Pavlovic, P.Ž. The role of vascular plants in the phytoremediation of fly ash deposits (2018) *Phytoremediation: Methods, Management and Assessment*, pp. 151-236.
- 58. Dimitrijevic S., Rajcic-Vujasinovic M., Alagic S., Grekulovic V., Trujic V. Formulation and characterization of electrolyte for decorative gold plating based on mercaptotriazole (2013) *Electrochimica Acta*, 330-336.**
- 2018-271)** Mincigrucci, R., Kowalewski, M., Rouxel, J.R., Bencivenga, F., Mukamel, S., Masciovecchio, C. Impulsive UV-pump/X-ray probe study of vibrational dynamics in glycine (2018) *Scientific Reports*, 8 (1), art. no. 15466.
- 2018-272)** Stević, Z., Vlahović, M., Martinović, S., Dimitrijević, S., Ponomaryova, E., Volkov-Husović, T. Modelling, simulation and optimisation of pulse-reverse regime of copper, silver and gold electrodeposition (2018) *International Journal of Materials Research*, 109 (6), pp. 514-521.
- 2018-273)** Luo, G., Li, D., Yuan, G., Li, N. Communication—A cyanide-free electrolyte for hard gold (Au-Co) electrodeposition utilizing DMH as complexing agent (2018) *Journal of the Electrochemical Society*, 165 (3), pp. D107-D109.
- 2018-274)** Song, Y.-H., Yang, P.-X., Lian, Y., Feng, Z.-B., Zhang, J.-Q., An, M.-Z. Electrodeposition of Bright Gold Deposits in Ionic Liquid [BMIm] [BF₄] (2018) *Chinese Journal of Inorganic Chemistry*, 34 (1), art. no. 1001-4861(2018)01-0142-09, pp. 142-150.
- 59. Alagic S., Stancic I., Palic R., Stojanovic G., Lepojevic Z. Chemical composition of the supercritical CO₂ extracts of the yaka, prilep and otlja tobaccos (2006) *Journal of Essential Oil Research*, (2) 185-188.**
- 2018-275)** Mohy El-Din, S.M., Mohyeldin, M.M. Component Analysis and Antifungal Activity of the Compounds Extracted from Four Brown Seaweeds with Different Solvents at Different Seasons (2018) *Journal of Ocean University of China*, 17 (5), pp. 1178-1188.
- 60. Palic R., Stojanovic G., Alagic S., Nikolic M., Lepojevic Z. Chemical composition and antimicrobial activity of the essential oil and CO₂ extracts of the oriental tobacco, Prilep (2002) *Flavour and Fragrance Journal*, (5) 323-326.**
- 2018-276)** Sharma, D., Singh, M.R., Dighe, B. Chromatographic study on traditional natural preservatives used for palm leaf manuscripts in India (2018) *Restaurator*, 39 (4), pp. 249-264.
- 2018-277)** Bineshian, F., Bakhshandeh, N., Taherian, K., Nazari, H. GC-MS analysis of anti-candida and antioxidant activities of hydroalcoholic leaf extract of chaerophyllum macropodium (2018) *Jundishapur Journal of Natural Pharmaceutical Products*, 13 (4), art. no. e13207.

- 2018-278)** Yabalak, E. Radical scavenging activity and chemical composition of methanolic extract from *Arum dioscoridis* Sm. var. *dioscoridis* and determination of its mineral and trace elements (2018) *Journal of the Turkish Chemical Society, Section A: Chemistry*, 5 (1), pp. 205-218.
- 61. Stojanovic G., Palic R., Alagic S., Zekovi Z. Chemical composition and antimicrobial activity of the essential oil and CO₂ extracts of semi-oriental tobacco, Otlja (2000) *Flavour and Fragrance Journal*, (5) 335-338.**
- 2018-279)** Hanifah, A., Maharijaya, A., Putri, S.P., Laviña, W.A., Sobir Untargeted metabolomics analysis of eggplant (*Solanum melongena* L.) fruit and its correlation to fruit morphologies (2018) *Metabolites*, 8 (3), art. no. 49.
- 62. Dimitrijevic M.D., Urosevic D.M., Jankovic Z.D., Milic S.M. Recovery of copper from smelting slag by sulphation roasting and water leaching (2016) *Physicochemical Problems of Mineral Processing*, (1) 409-421.**
- 2018-280)** Nadirov, R.K. Recovery of Valuable Metals from Copper Smelter Slag by Sulfation Roasting (2018) *Transactions of the Indian Institute of Metals*, Article in Press.
- 63. Urosevic D.M., Dimitrijevic M.D., Jankovic Z.D., Antic D.V. Recovery of copper from copper slag and copper slag flotation tailings by oxidative leaching (2015) *Physicochemical Problems of Mineral Processing*, (1) 73-82.**
- 2018-281)** Potysz, A., van Hullebusch, E.D., Kierczak, J. Perspectives regarding the use of metallurgical slags as secondary metal resources – A review of bioleaching approaches (2018) *Journal of Environmental Management*, 219, pp. 138-152.
- 2018-282)** Bellemans, I., De Wilde, E., Moelans, N., Verbeken, K. Metal losses in pyrometallurgical operations - A review (2018) *Advances in Colloid and Interface Science*, 255, pp. 47-63.
- 2018-283)** Guo, Z., Pan, J., Zhu, D., Congcong, Y. Mechanism of composite additive in promoting reduction of copper slag to produce direct reduction iron for weathering resistant steel (2018) *Powder Technology*, 329, pp. 55-64.
- 2018-284)** Rogowski, M., Smolinski, T., Pyszynska, M., Brykala, M., Chmielewski, A.G. Studies on hydrometallurgical processes using nuclear techniques to be applied in copper industry. II. Application of radiotracers in copper leaching from flotation tailings (2018) *Nukleonika*, 63 (4), pp. 131-137.
- 64. Dimitrijevic M., Kostov A., Tasic V., Milosevic N. Influence of pyrometallurgical copper production on the environment (2009) *Journal of Hazardous Materials*, (2-3) 892-899.**
- 2018-285)** Yepsen, O., Yáñez, J., Mansilla, H.D. Photocorrosion of copper sulfides: Toward a solar mining industry (2018) *Solar Energy*, 171, pp. 106-111.
- 2018-286)** Potysz, A., van Hullebusch, E.D., Kierczak, J. Perspectives regarding the use of metallurgical slags as secondary metal resources – A review of bioleaching approaches (2018) *Journal of Environmental Management*, 219, pp. 138-152.
- 2018-287)** Han, B., Altansukh, B., Haga, K., Stevanović, Z., Jonović, R., Avramović, L., Urosević, D., Takasaki, Y., Masuda, N., Ishiyama, D., Shibayama, A. Development of copper recovery process from flotation tailings by a combined method of high pressure leaching–solvent extraction (2018) *Journal of Hazardous Materials*, pp. 192-203.
- 2018-288)** Kim, B.-K., Lee, E.J., Kang, Y., Lee, J.-J. Application of ionic liquids for metal dissolution and extraction (2018) *Journal of Industrial and Engineering Chemistry*, 61, pp. 388-397.
- 2018-289)** Ma, Z., Hu, J., Yao, G., Duo, J., Jin, B., Jin, F. Valorization of wheat straw: Rapid reduction of CuO into Cu and production of organic acids under mild hydrothermal conditions (2018) *Process Safety and Environmental Protection*, 115, pp. 79-84.
- 2018-290)** Royaei, M.M., Pourbabae, A., Noaparast, M. The effect of microwave irradiation on operational parameters of copper flotation concentrate bioleaching by irradiated mesophilic bacteria (2018) *Bulgarian Chemical Communications*, 50, pp. 69-75.

65. **Despotovic V., Tanikic D. Sentiment analysis of microblogs using multilayer feed-forward artificial neural networks (2017) Computing and Informatics, (5) 1127-1142.**
2018-291) Tsunoda, D.F., Constâncio, A.S. Survey on sentiment analysis and natural computing algorithms (2018) IC3K 2018 - Proceedings of the 10th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management, 1, pp. 290-296.
66. **Tanikic D., Marinkovic V. Modelling and optimization of the surface roughness in the dry turning of the cold rolled alloyed steel using regression analysis (2012) Journal of the Brazilian Society of Mechanical Sciences and Engineering, (1) 41-48.**
2018-292) Mikolajczyk, T., Paczkowski, T., Pimenov, D.Y., Mia, M., Patra, K., Krolczyk, G., Gupta, M.K., Zdrojewski, J. Analysis of the deviation in a low-cost system for stepless digital control of conventional lathe spindle speeds (2018) Applied Sciences (Switzerland), 9 (1), art. no. 12.
67. **Tanikic D., Manic M., Devedzic G., Cojbasic Z. Modelling of the temperature in the chip-forming zone using artificial intelligence techniques (2010) Neural Network World, (2) 171-187.**
2018-293) Chakraborty, A., Roy, S., Banerjee, R. Characterization of performance-emission indices of a diesel engine using ANFIS operating in dual-fuel mode with LPG (2018) Heat and Mass Transfer/Waerme- und Stoffuebertragung, 54 (9), pp. 2725-2742.
68. **Kalinovic S.M., Djokovic J.M., Nikolic R.R. Influence of Windows Geometrical Parameters on Calculations of the Heat Conduction Coefficient (2017) Procedia Engineering, 404-409.**
2018-294) Djamila, H., Rajin, M., Rizalman, A.N. Energy efficiency through building envelope in Malaysia and Singapore (2018) Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 46 (1), pp. 96-105.
69. **Djokovic J.M., Nikolic R.R. Influence of the Joint Geometry on the Stress Intensity Factor of the Fillet Welded Cruciform Joint Subjected to Tension and Bending (2016) Materials Today: Proceedings, (4) 959-964.**
2018-295) Ghafoori Ahangar, R., Verreman, Y. Assessment of Mode I and Mode II Stress Intensity Factors Obtained by Displacement Extrapolation and Interaction Integral Methods (2018) Journal of Failure Analysis and Prevention, Article in Press.
70. **Brodic D., Maluckov C.A., Peng L. Estimation of the text skew in the old printed documents (2013) International Journal of Computers, Communications and Control, (5) 673-680.**
2018-296) Soora, N.R., Deshpande, P.S. A novel local skew correction and segmentation approach for printed multilingual Indian documents (2018) Alexandria Engineering Journal, 57 (3), pp. 1609-1618.
71. **Antonijevic M.D., Arsovic M., gammaaslavsky J., Cvetkovic V., Dabic P., Franko M., Ilic G., (...), Schwarzbauer J. Actual contamination of the Danube and Sava Rivers at Belgrade (2013) (2014) Journal of the Serbian Chemical Society, (9) 1169-1184.**
2018-297) Andjus, S., Nikolic, N., Dobricic, V., Marjanovic, A., Gacic, Z., Brankovic, G., Rakovic, M., Paunović, M. Contribution to the knowledge on the distribution of freshwater sponges – the Danube and Sava rivers case study (2018) Journal of Limnology, 77 (2), pp. 199-208.
2018-298) Škrbić, B.D., Kadokami, K., Antić, I., Jovanović, G. Micro-pollutants in sediment samples in the middle Danube region, Serbia: occurrence and risk assessment (2018) Environmental Science and Pollution Research, 25 (1), pp. 260-273.
72. **Stojadinović, S., Lilić, N., Obradović, I., Pantović, R., Denić, M. Prediction of flyrock launch velocity using artificial neural networks (2016) Neural Computing and Applications, 27 (2), pp. 515-524.**

- 2018-299)** Sergeev, A., Shichkin, A., Buevich, A. Time series forecasting of methane concentrations in the surface layer of atmospheric air in Arctic region (2018), AIP Conference Proceedings, 2048, art. no. 060005
- 2018-300)** Shichkin, A., Buevich, A., Sergeev, A., Antonov, K., Sergeeva, M. Analysis of time series of greenhouse gas concentrations in the Russian Arctic using the artificial neural networks (2018), AIP Conference Proceedings, 2040, art. no. 050009
- 2018-301)** Rezaei, M. Development of an intelligent model to estimate the height of caving–fracturing zone over the longwall gobs (2018) Neural Computing and Applications, 30 (7), pp. 2145-2158.
- 73. Lapčević, R., Kostić, S., Pantović, R., Vasović, N. Prediction of blast-induced ground motion in a copper mine (2014) International Journal of Rock Mechanics and Mining Sciences, 69, pp. 19-25.**
- 2018-302)** Sheykhi, H., Bagherpour, R., Ghasemi, E., Kalhori, H. Forecasting ground vibration due to rock blasting: a hybrid intelligent approach using support vector regression and fuzzy C-means clustering (2018) Engineering with Computers, 34 (2), pp. 357-365.
- 2018-303)** Zhongya, Z., Xiaoguang, J. Prediction of Peak Velocity of Blasting Vibration Based on Artificial Neural Network Optimized by Dimensionality Reduction of FA-MIV (2018) Mathematical Problems in Engineering, 2018, art. no. 8473547.
- 74. Stojadinović, S., Svrkota, I., Petrović, D., Denić, M., Pantović, R., Milić, V. Mining injuries in Serbian underground coal mines - A 10-year study (2012) Injury, 43 (12), pp. 2001-2005.**
- 2018-304)** Engström, K.G., Angrén, J., Björnstig, U., Saveman, B.-I. Mass Casualty Incidents in the Underground Mining Industry: Applying the Haddon Matrix on an Integrative Literature Review (2018) Disaster Medicine and Public Health Preparedness, 12 (1), pp. 138-146.
- 2018-305)** Li, J., Wang, J., Xu, N., Hu, Y., Cui, C. Importance degree research of safety risk management processes of urban rail transit based on text mining method (2018) Information (Switzerland), 9 (2), art. no. 26 .
- 75. Zoller, C., Dasic, P., Dobra, R., Pantovic, R., Damjanovic, Z. Sequential algorithm and fuzzy logic to optimum control the ore gridding aggregates (2012) Technics Technologies Education Management, 7 (2), pp. 914-919.**
- 2018-306)** Villecco, F. On the evaluation of errors in the virtual design of mechanical systems (2018) Machines, 6 (3), art. no. 36.
- 2018-307)** De Simone, M.C., Rivera, Z.B., Guida, D. Obstacle avoidance system for unmanned ground vehicles by using ultrasonic sensors (2018) Machines, 6 (2), art. no. 18 .
- 2018-308)** Pappalardo, C.M., Guida, D. On the computational methods for solving the differential-algebraic equations of motion of multibody systems (2018) Machines, 6 (2), art. no. 20,
- 76. Stojadinovic, S., Zikic, M., Pantovic, R. A new approach to blasting induced ground vibrations and damage to structures (2011) Acta Montanistica Slovaca, 16 (4), pp. 344-354.**
- 2018-309)** Ozcelik, M. Back analysis of ground vibrations which cause cracks in buildings in residential areas Karakuyu (Dinar, Afyonkarahisar, Turkey) (2018) Natural Hazards, 92 (1), pp. 497- 509.
- 77. Stojadinović, S., Pantović, R., Žikić, M. Prediction of flyrock trajectories for forensic applications using ballistic flight equations (2011) International Journal of Rock Mechanics and Mining Sciences, 48 (7), pp. 1086-1094.**
- 2018-310)** Mohamad, E.T., Yi, C.S., Murlidhar, B.R., Saad, R. Effect of Geological Structure on Flyrock Prediction in Construction Blasting (2018) Geotechnical and Geological Engineering, 36 (4), pp. 2217-2235.
- 2018-311)** Cao, Y., Ji, H., Zhang, T. Blasting control and monitoring system for safety improvement during blasting operation. A case study in Guilaizhuang gold mine (2018) Mining Science, 25, pp. 47-62.

- 78. Jelenkovic, R., Milovanović, D., Koželj, D., Banješević, M. The mineral resources of the bor metallogenic zone: A review (2016) *Geologia Croatica*, 69 (1), pp. 143-155.**
2018-312) Đorđević, S., Ishiyama, D., Ogawa, Y., Stevanović, Z. Mobility and natural attenuation of metals and arsenic in acidic waters of the drainage system of Timok River from Bor copper mines (Serbia) to Danube River (2018) *Environmental Science and Pollution Research*, 25 (25), pp. 25005-25019.
2018-313) Randelović, D., Jakovljević, K., Mihailović, N., Jovanović, S. Metal accumulation in populations of *Calamagrostis epigejos* (L.) Roth from diverse anthropogenically degraded sites (SE Europe, Serbia) (2018) *Environmental Monitoring and Assessment*, 190 (4), art. no. 183,
2018-314) Menant, A., Jolivet, L., Tuduri, J., Loiselet, C., Bertrand, G., Guillou-Frottier, L. 3D subduction dynamics: a first-order parameter of the transition from copper- to gold-rich deposits in the eastern Mediterranean region (2018) *Ore Geology Reviews*, 94, pp. 118-135.
- 79. Milovanović, D., Karamata, S., Banješević, M. Petrology of alkali basalts of Zlot, Timok Magmatic Complex (Eastern Serbia) (2005) *Tectonophysics*, 410 (1-4), pp. 501-509.**
2018-315) Zhu, Y.-X., Wang, L.-X., Ma, C.-Q., Zhang, C. A flower-like glomerophytic diorite porphyry from Central China: Constraints on the unusual texture (2018) *Lithos*, 318-319, pp. 1-13.
- 80. Petrović, D.V., Tanasijević, M., Milić, V., Lilić, N., Stojadinović, S., Svrkota, I. Risk assessment model of mining equipment failure based on fuzzy logic (2014) *Expert Systems with Applications*, 41 (18), pp. 8157-8164.**
2018-316) Masaki, M.S., Zhang, L., Xia, X. A design approach for multiple drive belt conveyors minimizing life cycle costs (2018) *Journal of Cleaner Production*, 201, pp. 526-541.
2018-317) Gul, M., Ak, M.F. A comparative outline for quantifying risk ratings in occupational health and safety (2018) *Safety Science*, 106, pp. 184-190.
2018-318) Cui, Y., Liu, H., Zhang, M., Stankovski, S., Feng, J., Zhang, X. Improving intelligence and efficiency of salt lake production by applying a decision support system based on IOT for brine pump management (2018) *Electronics (Switzerland)*, 7 (8), art. no. 147.
2018-319) Adem, A., Çolak, A., Dağdeviren, M. An integrated model using SWOT analysis and Hesitant fuzzy linguistic term set for evaluation occupational safety risks in life cycle of wind turbine (2018) *Safety Science*, 106, pp. 184-190.
2018-320) Ślęzak, D., Grzegorowski, M., Janusz, A., Kozielski, M., Nguyen, S.H., Sikora, M., Stawicki, S., Wróbel, Ł. A framework for learning and embedding multi-sensor forecasting models into a decision support system: A case study of methane concentration in coal mines (2018) *Information Sciences*, 451-452, pp. 112-133.
2018-321) Pourjavad, E., Shahin, A. Hybrid performance evaluation of sustainable service and manufacturing supply chain management: An integrated approach of fuzzy dematel and fuzzy inference system (2018) *Intelligent Systems in Accounting, Finance and Management*, 25 (3), pp. 134-147.
2018-322) Weiss, B.A., Sharp, M., Klinger, A. Developing a hierarchical decomposition methodology to increase manufacturing process and equipment health awareness (2018) *Journal of Manufacturing Systems*, 48, pp. 96-107.
2018-323) Tong, R., Zhai, C., Jia, Q., Wu, C., Liu, Y., Xue, S. An interactive model among potential human risk factors: 331 cases of coal mine roof accidents in China (2018) *International Journal of Environmental Research and Public Health*, 15 (6), art. no. 1144.
2018-324) Rajabi-Vandechali, M., Abbaspour-Fard, M.H., Rohani, A. Development of a prediction model for estimating tractor engine torque based on soft computing and low cost sensors (2018) *Measurement: Journal of the International Measurement Confederation*, 121, pp. 83-95.
2018-325) He, L., Yan, C., Duan, Y., Stevan, S., Xiaoshuan, Z., Jian, Z. Development and evaluation of a brine mining equipment monitoring and control system using Wireless Sensor Network and fuzzy logic (2018) *Transactions of the Institute of Measurement and Control*, 40 (6), pp. 2062-2081.
2018-326) Pourjavad, E., Shahin, A. The Application of Mamdani Fuzzy Inference System in Evaluating Green Supply Chain Management Performance (2018) *International Journal of Fuzzy Systems*, 20 (3), pp. 901-912.

- 2018-327)** Deng, Y., Song, L., Zhou, J., Wang, J. Evaluation and reduction of vulnerability of subway equipment: An integrated framework (2018) *Safety Science*, 103, pp. 172-182.
- 2018-328)** Zhang, J., Wang, X., Wang, J., Wang, J. Decision-making model of lane-change behavior based on integrated cognitive vehicle cluster situations (2018) *Lecture Notes in Electrical Engineering*, 419, pp. 77-94.
- 2018-329)** Oturakci, M., Dagsuyu, C. Integrated environmental risk assessment approach for transportation modes (2018) *Human and Ecological Risk Assessment*, . Article in Press.
- 2018-330)** Wang, X., Wang, F., Kong, D., Liu, Y., Liu, L., Chen, C. Driver's Lane Selection Model Based on Phase-Field Coupling and Multiplayer Dynamic Game with Incomplete Information (2018) *Journal of Advanced Transportation*, 2018, art. no. 2145207, .
- 2018-331)** Muduli, L., Jana, P.K., Mishra, D.P. Wireless sensor network based fire monitoring in underground coal mines: A fuzzy logic approach (2018) *Process Safety and Environmental Protection*, 113, pp. 435-447.
- 2018-332)** Rahmatin, N., Santoso, I., Indriani, C., Rahayu, S., Widyaningtyas, S. Integration of the fuzzy failure mode and effect analysis (Fuzzy FMEA) and the Analytical Network Process (ANP) in marketing risk analysis and mitigation (2018) *International Journal of Technology*, 9 (4), pp. 809-818.
- 81. Tasić, V., Kovačević, R., Maluckov, B., Apostolovski – Trujić, T., Matić, B., Cocić, M., Šteharnik, M. The Content of As and Heavy Metals in TSP and PM10 Near Copper Smelter in Bor, Serbia (2017) *Water, Air, and Soil Pollution*, 228 (6).**
2018-333) Kalbarczyk, R., Kalbarczyk, E., Raszka, B. Temporal changes in concentration of PM10 dust in Poznań, middle-west Poland as dependent on meteorological conditions (2018) *Applied Ecology and Environmental Research*, 16 (2), 1999-2014.
- 82. Cocić, M., Logar, M., Matović, B., Poharc-Logar, V. Glass-ceramics obtained by the crystallization of basalt (2010) *Science of Sintering*, 42 (3), pp. 383-388.**
2018-334) Abu Safiah, M.O., Hamzawy, E.M.A. Nanometre pyroxenic glass-ceramics prepared by crystallization of Saudi basalt glass (2018) *Ceramics International*, . Article in Press.
- 83. Živković, D., Štrbac, N., Lamut, J., Andjelić, B., Cocić, M., Šteharnik, M., Mitovski, A. Investigation of archaeometallurgical findings from Felix Romuliana locality (2009) *Journal of Mining and Metallurgy, Section B: Metallurgy*, 45 (2), pp. 207-212.**
2018-335) Golan, O., Cvikel, D., Kahanov, Y. Archaeometallurgical analysis of the bow drill from the fifth century BC Ma'agan Mikhael shipwreck (2018) *Archaeological and Anthropological Sciences*, . Article in Press.
- 84. Živković, D., Štrbac, N., Trujić, V., Živković, Ž., Vuksan, M., Živković, Z., Milosavljević, B., Cocić, M., Andrić, V. Physico-chemical investigation of slag occurrences Rgotski Kamen Timok region, eastern Serbia (2004) *Journal of Thermal Analysis and Calorimetry*, 76 (1), pp. 227-235.**
2018-336) Zheng, F., Guo, Y., Duan, W., Liu, S., Qiu, G., Chen, F., Jiang, T., Wang, S. Transformation of Ti-bearing mineral in Panzhihua electric furnace titanium slag during oxidation roasting process (2018) *Journal of Thermal Analysis and Calorimetry*, 131 (2), pp. 1767-1776.
- 85. Andrić, L., Terzić, A., Aćimović-Pavlović, Z., Trumić, M., Petrov, M., Pavlović, L. A kinetic study of micronization grinding of dry mica in a planetary ball mill (2013) *Advances in Materials Science and Engineering*, 2013, art. no. 543857**
2018-337) Bartos, C., Jójárt-Laczkovich, O., Katona, G., Budai-Szücs, M., Ambrus, R., Bocsik, A., Gróf, I., Deli, M.A., Szabó-Révész, P. Optimization of a combined wet milling process in order to produce poly(vinyl alcohol) stabilized nanosuspension (2018) *Drug Design, Development and Therapy*, 12, pp. 1567-1580.
- 2018-338)** Kumar, A., Pratap Singh, Y., Pradhan, G., Dhawan, N. Utilization of Mica for Potassium Recovery (2018) *Materials Today: Proceedings*, 5 (9), pp. 17030-17034.
- 86. Magdalinovic, N., Trumic, M., Trumic, G., Magdalinovic, S., Trumic, M. Determination of the Bond work index on samples of non-standard size (2012) *International Journal of Mineral Processing*, 114-117, pp. 48-50.**

- 2018-339)** Zhu, D.-Q., Guo, Z.-Q., Pan, J., Wang, Z.-Y. Insights on pretreatment of Indian hematite fines in grate-kiln pelletizing process: the choice of grinding processes (2018) *Journal of Iron and Steel Research International*, 25 (5), pp. 506-514.
- 87. Magdalinovic, N., Trumic, M., Trumic, M., Andric, L. The optimal ball diameter in a mill (2012) Physicochemical Problems of Mineral Processing, 48 (2), pp. 329-339.**
- 2018-340)** Panjipour, R., Barani, K. The effect of ball size distribution on power draw, charge motion and breakage mechanism of tumbling ball mill by discrete element method (DEM) simulation (2018) *Physicochemical Problems of Mineral Processing*, 54 (2), pp. 258-269.
- 88. Martinović, S., Vlahović, M., Ponomaryova, E., Ryzhkov, I.V., Jovanović, M., Bušatlic, I., Husović, T.V., Stević, Z. Electrochemical behavior of supercapacitor electrodes based on activated carbon and fly ash (2017) International Journal of Electrochemical Science, 12 (8), pp. 7287-7299.**
- 2018-341)** Zhao, J., Gao, Y., Guo, J., Chu, L., Burke, A.F. Cycle life testing of lithium batteries: The effect of load-leveling (2018) *International Journal of Electrochemical Science*, 13 (2), pp. 1773-1786.
- 89. Požega, E., Ivanov, S., Stević, Z., Karanović, L., Tomanec, R., Gomidželović, L., Kostov, A. Identification and characterization of single crystal Bi₂Te₃-xS_{ex} alloy (2015) Transactions of Nonferrous Metals Society of China (English Edition), 25 (10), pp. 3279-3285.**
- 2018-342)** Szlęzak, J., Kelly, J., Ingram, A., Shpotyuk, Y., Adamiak, S., Dziedzic, A., Cebulski, J., Golovchak, R. Role of Bi and Ga additives in the physical properties and structure of GeSe₄-GeTe₄ glasses (2018) *Materials Characterization*, 142, pp. 50-58.
- 2018-343)** Adam, A.M., Elshafaie, A., Mohamed, A.E.-M.A., Petkov, P., Ibrahim, E.M.M. Thermoelectric properties of Te doped bulk Bi₂Se₃ system (2018) *Materials Research Express*, 5 (3), art. no. 035514.
- 90. Bugarinović, S.J., Grekulović, V.J., Rajčić-Vujasinović, M.M., Stević, Z.M., Stanković, Z.D. Electrochemical synthesis and characterization of copper (i) oxide [Elektrohemijsko dobijanje i karakterizacija bakar(i) oksida] (2009) Hemijska Industrija, 63 (3), pp. 201-207.**
- 2018-344)** Barakat, M.A.Y. Amelioration of ultrasonic transducer to study CuO doped thin films (2018) *Archives of Acoustics*, 43 (3), pp. 487-495.
- 91. Stević, Z., Vujasinović, M.R., Radunović, M. Estimation of parameters obtained by electrochemical impedance spectroscopy on systems containing high capacities (2009) Sensors, 9 (9), pp. 7365-7373.**
- 2018-345)** Özütok, F., Yakar, E. Optical and electrochemical properties of PB-ZnO and PB-ZnO/MWCNT nanocomposite films deposited by chemical bath (2018) *Journal of New Materials for Electrochemical Systems*, 21 (2), pp. 119-126.
- 92. Stević, Z., Andjelković, Z., Antić, D. A new PC and LabVIEW package based system for electrochemical investigations (2008) Sensors, 8 (3), pp. 1819-1831.**
- 2018-346)** Dong, Y., Min, X., Kim, W.S. A 3-D-Printed Integrated PCB-Based Electrochemical Sensor System (2018) *IEEE Sensors Journal*, 18 (7), pp. 2959-2966.
- 93. Stević, Z., Rajčić-Vujasinović, M. Chalcocite as a potential material for supercapacitors (2006) Journal of Power Sources, 160 (2 SPEC. ISS.), pp. 1511-1517.**
- 2018-347)** Li, X., Zhou, K., Zhou, J., Shen, J., Ye, M. CuS nanoplatelets arrays grown on graphene nanosheets as advanced electrode materials for supercapacitor applications (2018) *Journal of Materials Science and Technology*, 34 (12), pp. 2342-2349.
- 2018-348)** Naveenkumar, P., Paruthimal Kalaigan, G., Arulmani, S., Anandan, S. Solvothermal synthesis of CuS/Cu(OH)₂ nanocomposite electrode materials for supercapacitor applications (2018) *Journal of Materials Science: Materials in Electronics*, 29 (19), pp. 16853-16863.
- 94. Pezo, M., Pezo, L., Jovanović, A.P., Terzić, A., Andrić, L., Lončar, B., Kojić, P. Discrete element model of particle transport and premixing action in modified screw conveyors (2018) Powder Technology, 336, pp. 255-264.**

- 2018-349) Chupshv, A., Konovalov, V., Fomina, M. Optimization in work modeling of a mixer (2018) Journal of Physics: Conference Series, 1084 (1), art. no. 012010
95. Terzić, A., Radulović, D., Pezo, L., Andrić, L., Miličić, L., Stojanović, J., Grigorova, I. The effect of mechano-chemical activation and surface treatment of limestone filler on the properties of construction composites (2017) Composites Part B: Engineering, 117, pp. 61-73.
- 2018-350) Karanac, M., Đolić, M., Veljović, Đ., Rajaković-Ognjanović, V., Veličković, Z., Pavićević, V., Marinković, A. The removal of Zn²⁺, Pb²⁺, and As(V) ions by lime activated fly ash and valorization of the exhausted adsorbent (2018) Waste Management, 78, pp. 366- 378.
- 2018-351) Wypych, G. Handbook of Surface Improvement and Modification (2018) Handbook of Surface Improvement and Modification, pp. 1-221.
96. Terzić, A., Pezo, L., Andrić, L. Chemometric assessment of mechano-chemically activated zeolites for application in the construction composites (2017) Composites Part B: Engineering, 109, pp. 30-44.
- 2018-352) Bohács, K., Kristály, F., Mucsi, G. The influence of mechanical activation on the nanostructure of zeolite (2018) Journal of Materials Science, 53 (19), pp. 13779-13789.
97. Terzić, A., Pezo, L., Andrić, L., Mitić, V.V. Analytical modeling of activation procedure applied in α -alumina thermo-mechanical synthesis (2015) Ceramics International, 41.
- 2018-353) Bohács, K., Kristály, F., Mucsi, G. The influence of mechanical activation on the nanostructure of zeolite (2018) Journal of Materials Science, 53 (19), pp. 13779-13789.
98. Terzić, A., Pezo, L., Andrić, L. Chemometric analysis of the influence of mechanical activation on the mica quality parameters (2015) Ceramics International, 41 (7), pp. 8894-8903.
- 2018-354) Bohács, K., Kristály, F., Mucsi, G. The influence of mechanical activation on the nanostructure of zeolite (2018) Journal of Materials Science, 53 (19), pp. 13779-13789.
99. Terzić, A., Andrić, L., Mitić, V. Mechanically activated coal ash as refractory bauxite shotcrete microfiller: Thermal interactions mechanism investigation (2014) Ceramics International, 40 (8 PART A), pp. 12055-12065.
- 2018-355) Sukkae, R., Suebthawilkul, S., Cherdhirunkorn, B. Utilization of coal fly ash as a raw material for refractory production (2018) Journal of Metals, Materials and Minerals, 28 (1), pp. 116-123.
100. Terzić, A., Andrić, L., Mitić, V. Assessment of intensive grinding effects on alumina as refractory compound: Acceleration of γ to α phase transformation mechanism (2014) Ceramics International, 40 (9 PART B), pp. 14851-14863.
- 2018-356) Lingling, Z., Luoqiang, L., Xing, Z., Hongxia, L., Dafei, D., Guotian, Y. Effect of commercial Al₂O₃ from high-energy ball milling pretreatment on morphology of α -Al₂O₃ submicro-powders (2018) Naihuo Cailiao/Refractories, 52 (6), art. no. 1001-1935(2018)06-0401-05, pp. 401-405.
- 2018-357) Li, S., Zhu, L., Liu, L., Chen, L., Li, H., Sun, C. Influence of high-energy ball milling and additives on the formation of sphere-like α -Al₂O₃ powder by high-temperature calcination (2018) Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences, 73 (8), pp. 589-596.
- 2018-358) Yu, J., Yang, Z., Song, Z., Deng, K., Ren, Z. Fabrication of porous Al₂O₃-based ceramics using ball-shaped powders by preceramic polymer process in N₂ atmosphere (2018) Ceramics International, 44 (6), pp. 5915-5920.
101. Prstić, A., Aćimović-Pavlović, Z., Andrić, L., Stojanović, J., Terzić, A. Zircon-based coating for the applications in lost foam casting process [Premazi na bazi cirkona sa primenom u lost foam procesu livenja] (2012) Chemical Industry and Chemical Engineering Quarterly, 18 (4 I), pp. 587-593.
- 2018-359) Illarionov, I.E., Kaftannikov, A.S., Nuraliev, F.A., Gilmanshina, T.R. Evaluation of burn value on the surface of iron castings (2018) Chernye Metally, (8), pp. 23-28.

102. **Acimovic, Z., Pavlovic, L., Trumbulovic, L., Andric, L., Stamatovic, M. Synthesis and characterization of the cordierite ceramics from nonstandard raw materials for application in foundry (2003) Materials Letters, 57 (18), pp. 2651-2656.**
2018-360) Parlak, T.T., Demirkiran, A.S. Zeolite usage as source of silica to produce cordierite in MgO–Al₂O₃–SiO₂ system (2018) Journal of Advanced Ceramics, 7 (4), pp. 370-379.
2018-361) Khattab, R.M., Wahsh, M.M.S., Zawrah, M.F. Microwave combustion synthesis of MgO–Al₂O₃–SiO₂–ZrO₂ ceramics: Sinterability, microstructure and mechanical properties (2018) Materials Chemistry and Physics, 212, pp. 78-86.
2018-362) Ramezani, A., Emami, S.M., Nemat, S. Effect of waste serpentine on the properties of basic insulating refractories (2018) Ceramics International, 44 (8), pp. 9269-9275.
2018-363) Wu, J., Lu, C., Xu, X., Zhang, Y., Wang, D., Zhang, Q. Cordierite Ceramics Prepared from Poor Quality Kaolin for Electric Heater Supports: Sintering Process, Phase Transformation, Microstructure Evolution and Properties (2018) Journal Wuhan University of Technology, Materials Science Edition, 33 (3), pp. 598-607.
2018-364) Soltan, A.M.M., Elshimy, H., EL-Raoof, F.A., Fuchs, F., Köenig, A., Yahya, A.M., AbdelFattah, M.M., Serry, M., Pöllmann, H. Microstructure and phase composition of cordierite-based co-clinker (2018) Ceramics International, 44 (6), pp. 5855-5866.
2018-365) Cheraghi, A., Shoushtarizadeh, H., Malekfar, R., Alizadeh, O. Synthesis of α-cordierite nanoparticles from bentonite using thermal shock assisted solid-state reaction method (2018) Advanced Powder Technology, 29 (1), pp. 124-129.
2018-366) Hu, C., Wu, J., Xu, X., Chen, P. Investigating the effect of andalusite on mechanical strength and thermal shock resistance of cordierite-spodumene composite ceramics (2018) Ceramics International, 44 (3), pp. 3240-3247.
2018-367) Wang, C., Jia, H., Wang, A., Wang, X., Guo, Y., Zhang, J. Effect of TiO₂ on the crystallization and properties of MgO–Al₂O₃–SiO₂ glass-ceramics prepared by an “one-step” method from laterite ore (2018) Ceramics International, . Article in Press.
2018-368) Sembiring, S., Simanjuntak, W., Situmeang, R., Riyanto, A., Junaidi Structural and physical properties of refractory cordierite precursors prepared from rice husk silica with different MgO addition (2018) Ceramics - Silikat, 62 (2), pp. 163-172.
2018-369) Senthil Kumar, M., Vanmathi, M., Senguttuvan, G., Mangalaraja, R.V., Sakthivel, G. Fly Ash Constituent-Silica and Alumina Role in the Synthesis and Characterization of Cordierite Based Ceramics (2018) Silicon, . Article in Press.
103. **Stevanovic, Z.O., Antonijevic, M.M., Bogdanovic, G.D., Trujic, V.K., Bugarin, M.M. Influence of the chemical and mineralogical composition on the acidity of an abandoned copper mine in the Bor river valley (eastern Serbia) (2011) Chemistry and Ecology, 27 (5), pp. 401-414.**
2018-370) Danovaro, R. 30 years of Chemistry and Ecology (2012) Chemistry and Ecology, 28 (6), pp. 503-505.
104. **Stanković, V., Božić, D., Gorgievski, M., Bogdanović, G. Heavy metal ions adsorption from mine waters by sawdust (2009) Chemical Industry and Chemical Engineering Quarterly, 15 (4), pp. 237-249.**
2018-371) Hassan, M.S., Zohdy, M.H. Removal of toxic heavy metal ions from aqueous solutions using jute fibers grafted with acrylic acid by gamma irradiation (2018) Journal of Vinyl and Additive Technology, 24 (4), pp. 339-346.
2018-372) Li, H., Yao, H., Zhang, D., Zuo, L., Ren, J., Ma, J., Pei, J., Xu, Y., Yang, C. Short- and long-term effects of manganese, zinc and copper ions on nitrogen removal in nitrification- anammox process (2018) Chemosphere, 193, pp. 479-488.
2018-373) Thomas, M., Zdebik, D., Bialecka, B. Using sodium trithiocarbonate to precipitate heavy metals from industrial wastewater – from the laboratory to industrial scale (2018) Polish Journal of Environmental Studies, 27 (4), pp. 1753-1763.

- 105. Božić, D., Stanković, V., Gorgievski, M., Bogdanović, G., Kovačević, R. Adsorption of heavy metal ions by sawdust of deciduous trees (2009) Journal of Hazardous Materials, 171 (1-3), pp. 684-692.**

2018-374) Moja, T.N., Bunekar, N., Mojaki, S., Mishra, S.B., Tsai, T.-Y., Hwang, S.S., Mishra, A.K. Polypropylene–Polypropylene-Grafted-Maleic Anhydride–Montmorillonite Clay Nanocomposites for Pb(II) Removal (2018) Journal of Inorganic and Organometallic Polymers and Materials, 28 (6), pp. 2799-2811.

2018-375) Shandil, Y., Dautoo, U.K., Chauhan, G.S. New glucosamine Schiff base grafted poly(acrylic acid) as efficient Cu²⁺ ions adsorbent and antimicrobial agent (2018) Journal of Environmental Chemical Engineering, 6 (5), pp. 5970-5979.

2018-376) Moja, T.N., Mishra, A.K., Mishra, S.B. Nano Size Magnetite Particles Layered with the Blend of Conductive Polymer and Superadsorbent Hydrogel: A Core–Shell Based Nanocomposite for Trivalent Arsenide Uptake from Aqueous Solution (2018) Journal of Inorganic and Organometallic Polymers and Materials, 28 (5), pp. 2131-2142.

2018-377) Wang, H., Hu, X., Guo, Y., Qiu, C., Long, S., Hao, D., Cai, X., Xu, W., Wang, Y., Liu, Y. Removal of copper ions by few-layered graphene oxide nanosheets from aqueous solutions: external influences and adsorption mechanisms (2018) Journal of Chemical Technology and Biotechnology, 93 (8), pp. 2447-2455.

2018-378) Alidadi, H., Dolatabadi, M., Davoudi, M., Barjasteh-Askari, F., Jamali-Behnam, F., Hosseinzadeh, A. Enhanced removal of tetracycline using modified sawdust: Optimization, isotherm, kinetics, and regeneration studies (2018) Process Safety and Environmental Protection, 117, pp. 51-60.

2018-379) Alimin, La Agusu, Ahmad, L.O., Kadidae, L.O., Ramadhan, L., Nurdin, M., Isdayanti, N., Asria, Aprilia, M.P., Hasrudin Kinetics and Equilibrium of Fe³⁺ Ions Adsorption on Carbon Nanofibers (2018) IOP Conference Series: Materials Science and Engineering, 367 (1), art. no. 012046.

2018-380) Chen, X., Xu, R., Xu, Y., Hu, H., Pan, S., Pan, H. Natural adsorbent based on sawdust for removing impurities in waste lubricants (2018) Journal of Hazardous Materials, 350, pp. 38-45.

2018-381) Gogoi, H., Leiviskä, T., Heiderscheidt, E., Postila, H., Tanskanen, J. Removal of metals from industrial wastewater and urban runoff by mineral and bio-based sorbents (2018) Journal of Environmental Management, 209, pp. 316-327.

2018-382) Burakov, A.E., Galunin, E.V., Burakova, I.V., Kucherova, A.E., Agarwal, S., Tkachev, A.G., Gupta, V.K. Adsorption of heavy metals on conventional and nanostructured materials for wastewater treatment purposes: A review (2018) Ecotoxicology and Environmental Safety, 148, pp. 702-712.

2018-383) Kumara, G.M.P., Saito, T., Asamoto, S., Kawamoto, K. Reviews on the applicability of construction and demolition waste as low-cost adsorbents to remove-heavy metals in wastewater (2018) International Journal of GEOMATE, 14 (42), pp. 44-51.

2018-384) Yousaf, A., Athar, M., Salman, M., Farooq, U., Makshoof, N., Zaman, Z., Sohail, M. Biosorptive removal of cobalt from aqueous solution by using native and thiourea modified pennisetum glaucum (2018) Desalination and Water Treatment, 103, pp. 199-207.

2018-385) Xie, S., Luo, W.-W., Wang, N., Xu, Y.-M., Sun, Y.-B. Study of adsorption characteristics of Pb²⁺ on montmorillonite-rice husk bio-charcoal composites (2018) Journal of Agro-Environment Science, 37 (11), pp. 2578-2585.

- 106. Gorgievski, M., Božić, D., Stanković, V., Bogdanović, G. Copper electrowinning from acid mine drainage: A case study from the closed mine "Cerovo" (2009) Journal of Hazardous Materials, 170 (2-3), pp. 716-721.**

2018-386) Palihakkara, C.R., Dassanayake, S., Jayawardena, C., Senanayake, I.P. Floating wetland treatment of acid mine drainage using Eichhornia crassipes (water hyacinth) (2018) Journal of Health and Pollution, 8 (17), pp. 14-19.

107. **Wen, B., Xia, W., Sokolovic, J.M. Recent advances in effective collectors for enhancing the flotation of low rank/oxidized coals (2017) Powder Technology, 319, pp. 1-11.**
2018-387) Guo, J., Zhang, L., Liu, S., Li, B. Effects of hydrophilic groups of nonionic surfactants on the wettability of lignite surface: Molecular dynamics simulation and experimental study (2018) Fuel, 231, pp. 449-457.
2018-388) Alsafasfeh, A., Khodakarami, M., Alagha, L., Moats, M., Molatlhegi, O. Selective depression of silicates in phosphate flotation using polyacrylamide-grafted nanoparticles (2018) Minerals Engineering, 127, pp. 198-207.
2018-389) Chen, S., Wang, S., Li, L., Qu, J., Tao, X., He, H. Exploration on the mechanism of enhancing low-rank coal flotation with cationic surfactant in the presence of oily collector (2018) Fuel, 227, pp. 190-198.
2018-390) Chen, S., Li, L., Qu, J., Liu, Q., Tang, L., Tao, X., Fan, H. Oily bubble flotation technology combining modeling and optimization of parameters for enhancement of flotation of low-flame coal (2018) Powder Technology, 335, pp. 171-185.
2018-391) Xie, J., Li, X., Mao, S., Li, L., Ke, B., Zhang, Q. Effects of structure of fatty acid collectors on the adsorption of fluorapatite (0 0 1) surface: A first-principles calculations (2018) Applied Surface Science, 444, pp. 699-709.
2018-392) Asghari, M., Noaparast, M., Shafaie, S.Z., Ghassa, S., Chehreh Chelgani, S. Recovery of coal particles from a tailing dam for environmental protection and economical beneficications (2018) International Journal of Coal Science and Technology, 5 (2), pp. 253- 263.
2018-393) Xia, Y., Zhang, R., Yang, Z., Xing, Y., Gui, X. Recovering clean low-rank coal using shale oil as a flotation collector (2018) Energy Sources, Part A: Recovery, Utilization and Environmental Effects, . Article in Press.
108. **Stanojlović, R.D., Sokolović, J.M., Milosević, N. Integrated environmental protection and waste minimization in the area of Copper Mine Bor, Serbia (2014) Environmental Engineering and Management Journal, 13 (4), pp. 791-804.**
2018-394) Urošević, S., Vukovic, M., Pejicic, B., Štrbac, N. Mining-metallurgical sources of pollution in eastern serbia and environmental consciousness (2018) Revista Internacional de Contaminacion Ambiental, 34 (1), pp. 103-115.
109. **Stanojlović, R.D., Sokolović, J.M. A study of the optimal model of the flotation kinetics of copper slag from copper mine BOR (2014) Archives of Mining Sciences, 59 (3), pp. 821-834.**
2018-395) Đordieviski, S., Ishiyama, D., Ogawa, Y., Stevanović, Z. Mobility and natural attenuation of metals and arsenic in acidic waters of the drainage system of Timok River from Bor copper mines (Serbia) to Danube River (2018) Environmental Science and Pollution Research, 25 (25), pp. 25005-25019.
2018-396) Urošević, S., Vukovic, M., Pejicic, B., Štrbac, N. Mining-metallurgical sources of pollution in eastern serbia and environmental consciousness (2018) Revista Internacional de Contaminacion Ambiental, 34 (1), pp. 103-115.
110. **Sokolovic, J.M., Stanojlovic, R.D., Markovic, Z.S. Activation of oxidized surface of anthracite waste coal by attrition (2012) Physicochemical Problems of Mineral Processing, 48 (1), pp. 5-18.**
2018-397) Miao, Z., Xing, Y., Gui, X., Cao, Y., Wang, T. Anthracite Coal Flotation Using Dodecane and Nonyl Benzene (2018) International Journal of Coal Preparation and Utilization, 38 (8), pp. 393-401.
2018-398) Yang, H., Cai, Y., Wu, L. Flotation behavior of raw and oxidized fine coal when mixed with coarse particles (2018) Fuel, 232, pp. 225-232.
2018-399) Chen, S., Wang, S., Li, L., Qu, J., Tao, X., He, H. Exploration on the mechanism of enhancing low-rank coal flotation with cationic surfactant in the presence of oily collector (2018) Fuel, 227, pp. 190-198.

- 2018-400)** Wang, S., Tao, X. Flotation Performances of Different Size Fractions of Low-Rank Coal in Air- and Oily-Bubble Processes (2018) *International Journal of Coal Preparation and Utilization*, 38 (6), pp. 302-315.
- 2018-401)** Wang, J., Wang, L. Improving column flotation of oxidized or ultrafine coal particles by changing the flow pattern of air supply (2018) *Minerals Engineering*, 124, pp. 98-102.
- 2018-402)** Chen, S., Li, L., Qu, J., Liu, Q., Tang, L., Tao, X., Fan, H. Oily bubble flotation technology combining modeling and optimization of parameters for enhancement of flotation of low-flame coal (2018) *Powder Technology*, 335, pp. 171-185.
- 2018-403)** Zhu, X.-N., Wang, Q., Lv, X.-J., Qiu, J., Zhang, Y. Effect of pore characteristics of fine lignite on particle density in separation medium (2018) *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, 40 (12), pp. 1477-1484.
- 2018-404)** Zhou, Y., Albijanic, B., Wang, Y., Yang, J. Characterizing surface properties of oxidized coal using FTIR and contact angle measurements (2018) *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, 40 (12), pp. 1559-1564.
- 2018-405)** Yang, Z., Chen, S., Tao, X., Chen, L., Li, L. Mechanism of modified-oily-bubble flotation of Shengli lignite [胜利褐煤的改性油泡浮选机理] (2018) *Meitan Xuebao/Journal of the China Coal Society*, 43 (3), pp. 824-830.
- 2018-406)** Wang, S., Tao, X. Effect of prewetting time on different size fraction flotation performances of low rank coal (2018) *International Journal of Oil, Gas and Coal Technology*, 18 (1-2), pp. 187-199.
- 111. Sokolović, J.M., Stanojlović, R.D., Marković, Z.S. The effects of pretreatment on the flotation kinetics of waste coal (2012) International Journal of Coal Preparation and Utilization, 32 (3), pp. 130-142.**
- 2018-407)** Cai, Y., Du, M., Wang, S., Liu, L. Flotation characteristics of oxidized coal slimes within low-rank metamorphic (2018) *Powder Technology*, 340, pp. 34-38.
- 2018-408)** Yang, H., Cai, Y., Wu, L. Flotation behavior of raw and oxidized fine coal when mixed with coarse particles (2018) *Fuel*, 232, pp. 225-232.
- 2018-409)** Yang, Z., Chen, S., Tao, X., Chen, L., Li, L. Mechanism of modified-oily-bubble flotation of Shengli lignite [胜利褐煤的改性油泡浮选机理] (2018) *Meitan Xuebao/Journal of the China Coal Society*, 43 (3), pp. 824-830.
- 2018-410)** Wang, S., Tao, X. Effect of prewetting time on different size fraction flotation performances of low rank coal (2018) *International Journal of Oil, Gas and Coal Technology*, 18 (1-2), pp. 187-199.
- 112. Despotovic, V., Goertz, N., Peric, Z. Nonlinear long-term prediction of speech based on truncated Volterra series (2012) IEEE Transactions on Audio, Speech and Language Processing, 20 (3), art. no. 2169788, pp. 1069-1073**
- 2018-411)** Yan, W., Zhang, J., Zhang, S., Wen, P. A novel pipelined neural IIR adaptive filter for speech prediction (2018) *Applied Acoustics*, 141, pp. 64-70.
- 113. Mitovski, A., Štrbac, N., Manasijević, D., Sokić, M., Daković, A., Živković, D., Balanović, L.J. Thermal analysis and kinetics of the chalcopyrite-pyrite concentrate oxidation process (2015) Metalurgija, 54 (2), pp. 311-314.**
- 2018-412)** Okanigbe, D.O., Popoola, A.P.I., Adeleke, A.A., Thermal analysis and kinetics of the oxidative roasting process of a copper smelter dust (2018) *International Journal of Advanced Manufacturing Technology*, 94 (5-8), pp. 2393-2400.
- 2018-413)** Daneshpajooh, S., Mozdianfard, M., Investigation of kinetics and mechanism of the sulfating roasting process of chalcopyrite concentrate for water-leaching (2018) *Bulgarian Chemical Communications*, 50, pp. 310-318.
- 114. Mitovski, A., Štrbac, N., Mihajlović, I., Sokić, M., Stojanović, J., Thermodynamic and kinetic analysis of the polymetallic copper concentrate oxidation process (2014) Journal of Thermal Analysis and Calorimetry, 118 (2), pp. 1277-1285.**

- 2018-414)** Guillén, C., Herrero, J., Copper oxy-sulfide and copper sulfate thin films as transparent p-type conductive electrodes (2018) *Materials Research Bulletin*, 101, pp. 116-122.
- 2018-415)** Daneshpajoo, S., Mozdianfard, M., Investigation of kinetics and mechanism of the sulfating roasting process of chalcopyrite concentrate for water-leaching (2018) *Bulgarian Chemical Communications*, 50, pp. 310-318.
- 115. Živković, D., Balanović, L., Manasijević, D., Grgurić, T.H., Čubela, D., Mitovski, A., Comparative thermodynamic analysis and phase diagram prediction of the Ga-Sn-Zn system (2013) International Journal of Materials Research, 104 (1), pp. 26-34.**
- 2018-416)** Dobosz, A., Gancarz, T., Thermophysical properties of Ga-Zn eutectic alloys with Sn additions (2018) *Fluid Phase Equilibria*, 474, pp. 6-13.
- 2018-417)** Gancarz, T., Berent, K., The applications of Cu substrate in liquid metal cooling systems (2018) *Materials Letters*, 227, pp. 116-119.
- 2018-418)** Dobosz, A., Gancarz, T., Density, surface tension and viscosity of Ga-Sn eutectic based alloys with Zn additions (2018) *Journal of Molecular Liquids*, 264, pp. 600-606.
- 2018-419)** Dobosz, A., Plevachuk, Y., Sklyarchuk, V., Sokoliuk, B., Gancarz, T., Thermophysical properties of the liquid Ga-Sn-Zn eutectic alloy (2018) *Fluid Phase Equilibria*, 465, pp. 1-9.
- 116. Gomidželović, L., Živković, D., Kostov, A., Mitovski, A., Balanović, L., Comparative thermodynamic study of Ga-In-Sb system (2011) Journal of Thermal Analysis and Calorimetry, 103 (3), pp. 1105-1109.**
- 2018-420)** Chou, K.-C., Application of phenomenological theory to chemical metallurgy (2018) *ISI International*, 58 (5), pp. 785-791.
- 117. Nestorović, S., Marković, I., Marković, D., Influence of thermomechanical treatment on the hardening mechanisms and structural changes of a cast Cu-6.6 wt.%Ag alloy (2010) Materials and Design, 31 (3), pp. 1644-1649.**
- 2018-421)** Gvk, S.S., Tan, M.J., Liu, Z., Study on the Deformation Homogeneity and Electrical Conductivity in Co-Cr-Ni-Mo Wires Drawn with Different Drawing Practices (2018) *Journal of Materials Engineering and Performance*, . Article in Press.
- 118. Nestorović, S., Milićević, B., Marković, D., Anneal hardening effect in sintered copper alloys (2002) Science of Sintering, 34 (2), pp. 169-174.**
- 2018-422)** Abbas Gohar, G., Manzoor, T., Shah, A.N., Investigation of thermal and mechanical properties of Cu-Al alloys with silver addition prepared by powder metallurgy (2018) *Journal of Alloys and Compounds*, 735, pp. 802-812.
- 119. Trumić, B., Gomidželović, L., Marjanović, S., Ivanović, A., Krstić, V., Platinum-based alloys: Investigation of the effect of impurities content on creep rate, rupture time and relative elongation at high temperatures (2017) Materials Research, 20 (1), pp. 191-199.**
- 2018-423)** Kuselman, I., Pennecchi, F.R., da Silva, R.J.N.B., Hibbert, D.B., Anchutina, E., Total risk of a false decision on conformity of an alloy due to measurement uncertainty and correlation of test results (2018) *Talanta*, 189, pp. 666-674.
- 120. Mladenović, S., Manasijević, D., Maluckov, B., Marković, I., Marjanović, S., Živković, D., Solidification properties and microstructure investigation of the as-cast Sn-rich alloys of the Sn-Sb-Zn ternary system (2016) Kovove Materialy, 54 (3), pp. 211-218.**
- 2018-424)** Dias, M., Costa, T.A., Soares, T., Silva, B.L., Cheung, N., Spinelli, J.E., Garcia, A., Tailoring Morphology and Size of Microstructure and Tensile Properties of Sn-5.5 wt.%Sb-1 wt.%(Cu,Ag) Solder Alloys (2018) *Journal of Electronic Materials*, 47 (2), pp. 1647-1657.
- 121. Marković, I., Ivanov, S., Stamenković, U., Todorović, R., Kostov, A., Annealing behavior of Cu-7at.%Pd alloy deformed by cold rolling(2018) Journal of Alloys and Compounds, 768, pp. 944-952.**

2018-425) Volkova, E.G., Novikova, O.S., Volkov, A.Y., Formation of the L1²-type superstructure in Cu-5.9 at.%Pd and Cu-8 at.%Pd alloys (2018) IOP Conference Series: Materials Science and Engineering, 447 (1), art. no. 012029, .

- 122. Marković, I., Nestorović, S., Marković, D., Effect of thermo-mechanical treatment on properties improvement and microstructure changes in copper-gold alloy (2014) Materials and Design, 53, pp. 137-144.**

2018-426) Noori, T., Bhowmick, G.D., Tiwari, B.R., Ghangrekar, O.M., Ghangrekar, M.M., Mukherjee, C.K., Carbon supported CU-SN bimetallic alloy as an excellent low-cost cathode catalyst for enhancing oxygen reduction reaction in microbial fuel cell (2018) Journal of the Electrochemical Society, 165 (9), pp. F621-F628.

- 123. Dimitrijević, S.B., Rajčić-Vujasinović, M.M., Jančić-Hajneman, R.M., Bajat, J.B., Trujić, V.K., Trifunović, D.D., Temperature effect on decorative gold coatings obtained from electrolyte based on mercaptotriazole - Comparison with cyanide (2014) International Journal of Materials Research, 105 (3), pp. 272-281.**

2018-427) Stević, Z., Vlahović, M., Martinović, S., Dimitrijević, S., Ponomaryova, E., Volkov-Husović, T., Modelling, simulation and optimisation of pulse-reverse regime of copper, silver and gold electrodeposition (2018) International Journal of Materials Research, 109 (6), pp. 514-521.

- 124. Dimitrijević, S., Rajčić-Vujasinović, M., Trujić, V., Non-cyanide electrolytes for gold plating - a review (2013) International Journal of Electrochemical Science, 8 (5), pp. 6620-6646.**

2018-428) Ren, X., An, M., Theoretical and experimental studies of the influence of gold ions and DMH on cyanide-free gold electrodeposition (2018) RSC Advances, 8 (5), pp. 2667-2677.

2018-429) Giurlani, W., Zangari, G., Gambinossi, F., Passaponti, M., Salvietti, E., Di Benedetto, F., Caporali, S., Innocenti, M.

Electroplating for decorative applications: Recent trends in research and development, (2018) Coatings, 8 (8), art. no. 260,

2018-430) Martynova, N.A., Goldt, A.E., Maslakov, K.I., Savilov, S.V., Grigorieva, A.V., Electroplating of porous gold films for SERS analysis of heme derivatives (2018) Journal of Materials Science, 53 (11), pp. 7953-7962.

2018-431) Luo, G., Li, D., Yuan, G., Li, N., Communication—A cyanide-free electrolyte for hard gold (Au-Co) electrodepositing utilizing DMH as complexing agent (2018) Journal of the Electrochemical Society, 165 (3), pp. D107-D109.

- 125. Stanković, V., Gorgievski, M., Božić, D., Cross-flow leaching of alkali and alkaline-earth metals from sawdust and wheat straw - Modelling of the process (2016) Biomass and Bioenergy, 88, pp. 17-23.**

2018-432) Yi, B., Yuan, Q., Cao, H., Niu, W., Wang, M., Zhu, Y., Yan, S., Effect of alkali and alkaline earth metal species on the combustion characteristics of cattle manures (2018) RSC Advances, 8 (21), pp. 11705-11713.

- 126. Gomidželović, L., Požega, E., Kostov, A., Vuković, N., Krstić, V., Živković, D., Balanović, L., Thermodynamics and characterization of shape memory Cu-Al-Zn alloys (2015) Transactions of Nonferrous Metals Society of China (English Edition), 25 (8), pp. 2630-2636.**

2018-433) Iacoviello, F., Di Cocco, V., Natali, S., Brotzu, A., Grain size and loading conditions influence on fatigue crack propagation in a Cu-Zn-Al shape memory alloy (2018) International Journal of Fatigue, 115, pp. 27-34.

2018-434) Kawate, S.S., Chethan, K.N., Keni, L.G., Pai, A., Padmaraj, N.H., Innovations and recent trends in Shape Memory Alloy: A review (2018) International Journal of Engineering and Technology(UAE), 7 (4), pp. 2172-2177.

127. **Balanović, L., Osović, V., Talijan, N., Živković, D., Internal-oxidation kinetics of Ag-Cd alloys (2013) *Materiali in Tehnologije*, 47 (4), pp. 447-452.**
 2018-435) Guo, X., Zhou, Y., Song, K., Wang, X., Liang, S., Microstructure and properties of Cu-Mg alloy treated by internal oxidation (2018) *Materials Science and Technology (United Kingdom)*, 34 (6), pp. 648-653.
128. **Balanović, L., Manasijević, D., Živković, D., Mitovski, A., Talijan, N., Minić, D., Živković, Ž. Experimental investigation and thermodynamic prediction of the Al-Ge-Zn phase diagram (2012) *Journal of Thermal Analysis and Calorimetry*, 110 (1), pp. 221-226.**
 2018-436) Hildal, K., Perepezko, J.H., Metals and Alloys (2018) *Handbook of Thermal Analysis and Calorimetry*, 6, pp. 781-828.
129. **Živković, D., Balanović, L., Manasijević, D., Mitovski, A., Kostov, A., Gomidželović, L., Živković, Ž. Calculation of thermodynamic properties in quaternary Ni-Cr-Co-Al system (2011) *Journal of the University of Chemical Technology and Metallurgy*, 46 (1), pp. 95-98.**
 2018-437) Dogan, A., Arslan, H., Assessment of Thermodynamic Properties of Lead-Free Soldering Co-Sb-Sn, Ag-In-Pd-Sn, and Ni-Cr-Co-Al-Mo-Ti-Cu Alloys (2018) *Physics of Metals and Metallography*, 119 (10), pp. 976-992.
130. **Grujić, A., Talijan, N., Stojanović, D., Stajić-Trošić, J., Burzić, Z., Balanović, L., Aleksić, R., Mechanical and magnetic properties of composite materials with polymer matrix (2010) *Journal of Mining and Metallurgy, Section B: Metallurgy*, 46 (1), pp. 25-32.**
 2018-438) Suprapedi, Muljadi, Sardjono, P., Ramlan, Effect of silicon rubber composition on mechanical, magnetic properties and micro structures on Neodymium Iron Boron composite (2018) *Journal of Physics: Conference Series*, 1120 (1), art. no. 012037, .
 2018-439) Kaidarova, A., Khan, M.A., Amara, S., Gerald, N.R., Karimi, M.A., Shamim, A., Wilson, R.P., Duarte, C.M., Kosel, J., Tunable, Flexible Composite Magnets for Marine Monitoring Applications (2018) *Advanced Engineering Materials*, 20 (9), art. no. 1800229, .
131. **Štrbac, N., Marković, I., Mitovski, A., Balanović, L., Živković, D., Grekulović, V. The possibilities for reuse of steel scrap in order to obtain blades for knives (2017) *Revista de Metalurgia*, 53 (1), art. no. e086**
 2018-440) Birtărescu, E., Nedeloni, M.D., Pedrali, P.C., Câmpian, C.V., Nedeloni, L., Ene, T., Bogdan, S.L., Some Laboratory Tests Regarding the X20Cr13 Martensitic Stainless Steel Behaviour (2018) *IOP Conference Series: Materials Science and Engineering*, 416 (1), art. no. 012025,
 2018-441) Sánchez-Ávila, D., Barea, R., Candela, N., Álvarez-Leal, M., Carreño, F., Study of the thickness evolution during SPT Testing [Estudio de la evolución del espesor en ensayos de Small Punch Test] (2018) *Revista de Metalurgia*, 54 (1)
132. **Sokić, M.D., Ilić, I.B., Manojlović, V.D., Marković, B.R., Gulišija, Z.P., Pavlović, M.D., Štrbac, N.D., Modeling and prediction of the end of life vehicles number distribution in Serbia (2016) *Acta Polytechnica Hungarica*, 13 (4), pp. 159-172.**
 2018-442) Hao, H., Zhang, Q., Wang, Z., Zhang, J., Forecasting the number of end-of-life vehicles using a hybrid model based on grey model and artificial neural network (2018) *Journal of Cleaner Production*, 202, pp. 684-696.
 2018-443) Xin, F., Ni, S., Li, H., Zhou, X., General Regression Neural Network and Artificial-Bee-Colony Based General Regression Neural Network Approaches to the Number of End-of-Life Vehicles in China (2018) *IEEE Access*, 6, pp. 19278-19286
133. **Vuković, M., Štrbac, N., Sokić, M., Grekulović, V., Cvetkovski, V., Bioleaching of polymetallic sulphide concentrate using thermophilic bacteria [Bioluženje polimetalnog sulfidnog koncentrata termofilnim bakterijama] (2014) *Hemijska Industrija*, 68 (5), pp. 575-583.**

- 2018-444)** Straub, C.T., Counts, J.A., Nguyen, D.M.N., Wu, C.-H., Zeldes, B.M., Crosby, J.R., Conway, J.M., Otten, J.K., Lipscomb, G.L., Schut, G.J., Adams, M.W.W., Kelly, R.M., Biotechnology of extremely thermophilic archaea (2018) *FEMS Microbiology Reviews*, 42 (5), pp. 543-578.
- 134. Živković, D., Čosović, V., Živković, Ž., Štrbac, N., Sokić, M., Talijan, N., Boyanov, B., Mitovski, A., Kinetic investigation of silver sulfide phase transformations (2013) *Materials Science in Semiconductor Processing*, 16 (1), pp. 217-220.**
- 2018-445)** Badawi, A., Mostafa, N.Y., Al-Hosiny, N.M., Merazga, A., Albaradi, A.M., Abdel-Wahab, F., Atta, A.A. The photovoltaic performance of Ag₂S quantum dots-sensitized solar cells using plasmonic Au nanoparticles/TiO₂ working electrodes (2018) *Modern Physics Letters B*, 32 (16), art. no. 1850172
- 135. Milijic, N., Mihajlovic, I., Strbac, N., Zivkovic, Z., Developing a questionnaire for measuring safety climate in the workplace in Serbia (2013) *International Journal of Occupational Safety and Ergonomics*, 19 (4), pp. 631-645.**
- 2018-446)** Trajković, A., Milošević, I., Model to determine the economic and other effects of standardisation—a case study in Serbia, (2018) *Total Quality Management and Business Excellence*, 29 (5-6), pp. 673-685.
- 2018-447)** Joanda, A.D., Suhardi, B., Rohani, J.B.M., Validity and reliability analysis of safety climate factor at small and medium-sized enterprises (SMEs) wood based furnitures (2018) *Proceedings of the International Conference on Industrial Engineering and Operations Management*, 2018-March, pp. 420-425.
- 2018-448)** Wang, M., Sun, J., Du, H., Wang, C., Relations between Safety Climate, Awareness, and Behavior in the Chinese Construction Industry: A Hierarchical Linear Investigation (2018) *Advances in Civil Engineering*, 2018, art. no. 6580375
- 2018-449)** Singh, V., Verma, A., A review, simple meta-analysis and future directions of safety climate research in manufacturing organizations (2018) *International Journal of Occupational Safety and Ergonomics*, . Article in Press.
- 136. Sokić, M., Marković, B., Matković, V., Živković, D., Štrbac, N., Stojanović, J., Kinetics and mechanism of sphalerite leaching by sodium nitrate in sulphuric acid solution (2012) *Journal of Mining and Metallurgy, Section B: Metallurgy*, 48 (2), pp. 185-195.**
- 2018-450)** Karimi, S., Ghahreman, A., Rashchi, F., Kinetics of Fe(III)-Fe(II) redox half-reactions on sphalerite surface (2018) *Electrochimica Acta*, 281, pp. 624-637.
- 2018-451)** Chiriță, P., Duinea, M.I., Sandu, A.M., Bîrsă, L.M., Sârbu, L.G., Baibarac, M., Sava, F., Popescu, M., Matei, E., Inhibitory effect of three phenacyl derivatives on the oxidation of sphalerite (ZnS) in air-equilibrated acidic solution (2018) *Corrosion Science*, 138, pp. 154-162.
- 137. Vuković, M., Pesic, B., Štrbac, N., Mihajlović, I., Sokić, M., Linear polarization study of the corrosion of iron in the presence of *Thiobacillus ferrooxidans* bacteria (2012) *International Journal of Electrochemical Science*, 7 (3), pp. 2487-2503.**
- 2018-452)** Saavedra, A., Figueredo, F., Cortón, E., Abrevaya, X.C., An electrochemical sensing approach for scouting microbial chemolithotrophic metabolisms (2018) *Bioelectrochemistry*, 123, pp. 125-136.
- 2018-453)** Abbas, A.S., Fazakas, É., Török, T.I., Corrosion studies of steel rebar samples in neutral sodium chloride solution also in the presence of a bio-based (Green) inhibitor (2018) *International Journal of Corrosion and Scale Inhibition*, 7 (1), pp. 38-47.
- 138. Štrbac, N., Mihajlović, I., Minić, D., Živković, Ž., Characterization of the natural mineral form from the PbS-Sb₂S₃ system (2010) *Journal of Mining and Metallurgy, Section B: Metallurgy*, 46 (1), pp. 75-86.**
- 2018-454)** Ouyang, Z., Chen, Y.F., Tian, S.Y., Xiao, L., Tang, C.B., Hu, Y.J., Xia, Z.M., Chen, Y.M., Ye, L.G. Thermodynamic and kinetics analysis of the sulfur-fixed roasting of antimony sulfide using ZnO as sulfur-fixing agent (2018) *Journal of Mining and Metallurgy, Section B: Metallurgy*, 54 (3), pp. 411-418.

- 139. Štrbac, N., Mihajlović, I., Minić, D., Živković, D., Živković, Ž., Kinetics and mechanism of arsenic sulfides oxidation (2009) Journal of Mining and Metallurgy, Section B: Metallurgy, 45 (1), pp. 59-67.**

2018-455) Vermeulen, M., Janssens, K., Sanyova, J., Rahemi, V., McGlinchey, C., De Wael, K., Assessing the stability of arsenic sulfide pigments and influence of the binding media on their degradation by means of spectroscopic and electrochemical techniques (2018) Microchemical Journal, 138, pp. 82-91.

- 140. Minić, D., Štrbac, N., Mihajlović, I., Živković, Ž., Thermal analysis and kinetics of the copper-lead matte roasting process (2005) Journal of Thermal Analysis and Calorimetry, 82 (2), pp. 383-388.**

2018-456) Rüßen, A., Topçu, M.A., Investigation of an alternative chemical agent to recover valuable metals from anode slime (2018) Chemical Papers, 72 (11), pp. 2879-2891.

- 141. Živković, Ž., Štrbac, N., Šesták, J., Influence of fluorides on polymorphous transformation of α -Al₂O₃ formation (1995) Thermochimica Acta, 266 (C), pp. 293-300.**

2018-457) Wang, Y., Yu, X.-H., Feng, P., Yu, S.-L., Xie, G., Shi, H.-X., Effects of AlF₃ and calcination temperature on preparation of hexagonal-shaped α -Al₂O₃ (2018) Gongcheng Kexue Xuebao/Chinese Journal of Engineering, 40 (10), pp. 1251-1258.

2018-458) You, J., Yang, T., Feng, D., Li, Z., Synthesis and two-step sintering behavior of solution derived corundum abrasives with plate-like grains (2018) Ceramics International, 44 (11), pp. 12615-12620.

- 142. Stošić, Z., Manasijević, D., Balanović, L., Holjevac-Grgurić, T., Stamenković, U., Premović, M., Minić, D., Gorgievski, M., Todorović, R., Effects of composition and thermal treatment of Cu-Al-Zn alloys with low content of Al on their shape-memory properties (2017) Materials Research, 20 (5), pp. 1425-1431.**

2018-459) Shinde, D., Katariya, P.V., Mehar, K., Khan, MdR., Panda, S.K., Pandey, H.K., Experimental training of shape memory alloy fibres under combined thermomechanical loading (2018) Structural Engineering and Mechanics, 68 (5), pp. 519-526.

2018-460) Tudora, C., Abrudeanu, M., Stanciu, S., Anghel, D., Plaiasu, G.A., Rizea, V., Știrbu, I., Cimpoeșu, N., Anton Prisacariu, B., Heating to thermal shock of Cu-based SMA using a solar concentrator (2018) IOP Conference Series: Materials Science and Engineering, 444 (3), art. no. 032014

2018-461) Tudora, C., Abrudeanu, M., Stanciu, S., Anghel, D., Plaiasu, G.A., Rizea, V., Știrbu, I., Cimpoeșu, N. Preliminary Results on Thermal Shock Behavior of CuZnAl Shape Memory Alloy Using a Solar Concentrator as Heating Source (2018) IOP Conference Series: Materials Science and Engineering, 374 (1), art. no. 012024,.

- 143. Premović, M., Du, Y., Minić, D., Sundman, B., Zhang, C., Watson, A., Manasijević, D., Djordjević, A. Experimental investigation and thermodynamic calculations of the Ag–Ga–Sn phase diagram (2017) Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 56, pp. 215-223.**

2018-462) Dobosz, A., Plevachuk, Y., Sklyarchuk, V., Sokoliuk, B., Tkach, O., Gancarz, T., Liquid Metals in High-Temperature Cooling Systems: The Effect of Bi Additions for the Physicochemical Properties of Eutectic Ga-Sn-Zn (2018) Journal of Chemical and Engineering Data, . Article in Press.

- 144. Holjevac Grgurić, T., Manasijević, D., Kožuh, S., Ivanić, I., Balanović, L., Anžel, I., Kosec, B., Bizjak, M., Knežević, M., Gojić, M., Phase transformation and microstructure study of the as-cast Cu-rich Cu-Al-Mn ternary alloys (2017) Journal of Mining and Metallurgy, Section B: Metallurgy, 53 (3), pp. 413-422.**

2018-463) Karaduman, O., Özkul, I., Altın, S., Altın, E., Hıyan, Ö., Canbay, C.A., New Cu -Al based quaternary and quinary high temperature shape memory alloy composition systems (2018) AIP Conference Proceedings, 2042, art. no. 020030

- 145. Manasijević, D., Živković, D., Arsić, S., Milošević, I., Exploring students' purposes of usage and educational usage of Facebook (2016) Computers in Human Behavior, 60, pp. 441-450.**

2018-464 Apuke, O.D., Iyendo, T.O., University students' usage of the internet resources for research and learning: forms of access and perceptions of utility (2018) Heliyon, 4 (12), art. no. e01052

2018-465 Chen, M.-M., Students' perceptions of the educational usage of a Facebook group (2018) Journal of Teaching in Travel and Tourism, 18 (4), pp. 332-348.

2018-466 Matamala, C., Desarrollo de alfabetización digital: ¿Cuáles son las estrategias de los profesores para enseñar habilidades de información? (2018) Perfiles Educativos, 40 (162), pp. 68-85.

2018-467 Reyhav, I., Raban, D.R., McHaney, R., Centrality Measures and Academic Achievement in Computerized Classroom Social Networks: An Empirical Investigation (2018) Journal of Educational Computing Research, 56 (4), pp. 589-618.

2018-468 Keerthika, C., Raghavan, M., Chandrasekaran, V.M., A statistical study on impact of facebook usage of engineering students at VIT (2018) International Journal of Engineering and Technology(UAE), 7 (4.10 Special Issue 10), pp. 514-517.

- 146. Manasijević, D., Minić, D., Premović, M., Balanović, L., Živković, D., Manasijević, I., Mladenović, S., Thermodynamic calculations and characterization of the Bi-Ga-In ternary alloys (2016) Journal of Alloys and Compounds, 664, pp. 199-208.**

2018-469 An, Q., Hu, H., Li, N., Liu, D., Xu, S., Liu, Z., Wei, C., Luo, F., Xia, M., Gao, Q., Effects of Bi composition on microstructure and Al-water reactivity of Al-rich alloys with low-In (2018) International Journal of Hydrogen Energy, 43 (24), pp. 10887-10895.

- 147. Milošević, I., Živković, D., Manasijević, D., Nikolić, D., The effects of the intended behavior of students in the use of M-learning (2015) Computers in Human Behavior, 51 (PA), pp. 207-215.**

2018-470 Pillai, R., Sivathanu, B., An empirical study on the adoption of M-learning apps among IT/ITeS employees (2018) Interactive Technology and Smart Education, 15 (3), pp. 182-204.

2018-471 Al-Shihi, H., Sharma, S.K., Sarrah, M., Neural network approach to predict mobile learning acceptance (2018) Education and Information Technologies, 23 (5), pp. 1805-1824.

2018-472 Criollo-C, S., Lujan-Mora, S., Jaramillo-Alcazar, A., Advantages and disadvantages of m-learning in current education (2018) EDUNINE 2018 - 2nd IEEE World Engineering Education Conference: The Role of Professional Associations in Contemporaneous Engineer Careers, Proceedings, art. no. 8450979

2018-473 Thongsri, N., Shen, L., Bao, Y., Alharbi, I.M., Integrating UTAUT and UGT to explain behavioural intention to use M-learning: A developing country's perspective (2018) Journal of Systems and Information Technology, 20 (3), pp. 278-297

2018-474 Wu, P.-J., Chiu, F.-Y., Mayerova, K., Kubincova, Z., Educational robotics at primary school: Comparison of two research studies (2018) 2018 17th International Conference on Information Technology Based Higher Education and Training, ITHET 2018, art. no. 8424621

2018-475 Zheng, M., Chu, C.-C., Wu, Y.J., Gou, W., The mapping of on-line learning to flipped classroom: Small private online course (2018) Sustainability (Switzerland), 10 (3), art. no. 748

2018-476 Kim, H.-J., Rha, J.-Y., Predicting the drivers of the intention to use mobile learning in South Korea (2018) International Journal of Interactive Mobile Technologies, 12 (1), pp. 116-132.

2018-477 Jalali, S.M.J., Mahdizadeh, E., Mahmoudi, M.R., Moro, S., Analytical assessment process of e-learning domain research between 1980 and 2014 (2018) International Journal of Management in Education, 12 (1), pp. 43-56.

2018-478 Gezzin, D.M., Adnan, M., Acar Guvendir, M., Mobile learning according to students of Computer Engineering and Computer Education: A comparison of attitudes (2018) Turkish Online Journal of Distance Education, 19 (1), pp. 4-17.

2018-479 Chavoshi, A., Hamidi, H., Social, individual, technological and pedagogical factors influencing mobile learning acceptance in higher education: A case from Iran (2018) Telematics and Informatics, . Article in Press.

- 148. Milošević, I., Živković, D., Arsić, S., Manasijević, D., Facebook as virtual classroom - Social networking in learning and teaching among Serbian students (2015) Telematics and Informatics, 32 (4), pp. 576-585.**

2018-480) Picatoste, J., Pérez-Ortiz, L., Ruesga-Benito, S.M., A new educational pattern in response to new technologies and sustainable development. Enlightening ICT skills for youth employability in the European Union (2018) Telematics and Informatics, 35 (4), pp. 1031-1038.

2018-481) Krouska, A., Troussas, C., Virvou, M., Social networks as a learning environment: Developed applications and comparative analysis, (2018) 2017 8th International Conference on Information, Intelligence, Systems and Applications, IISA 2017, 2018-January, pp. 1-6.

2018-482) Krouska, A., Troussas, C., Virvou, M., SN-Learning: An exploratory study beyond e-learning and evaluation of its applications using EV-SNL framework, (2018) Journal of Computer Assisted Learning, . Article in Press.

2018-483) Eger, L., Klement, M., Tomczyk, Ł., Pisoňová, M., Petrová, G., Different user groups of university students and their ICT competence: Evidence from three countries in Central Europe (2018) Journal of Baltic Science Education, 17 (5), pp. 851-866.

2018-484) Tiruwa, A., Yadav, R., Suri, P.K. Modelling Facebook usage for collaborative learning in higher education (2018) Journal of Applied Research in Higher Education, 10 (3), pp. 357-379.

- 149. Minić, D., Premović, M., Čosović, V., Manasijević, D., Nedeljkovic, L., Živković, D., Experimental investigation and thermodynamic calculations of the Cu-In-Ni phase diagram (2014) Journal of Alloys and Compounds, 617, pp. 379-388.**

2018-485) Hu, X., Qiu, H., Jiang, X., Effect of Ni addition into the Cu substrate on the interfacial IMC growth during the liquid-state reaction with Sn-58Bi solder (2018) Journal of Materials Science: Materials in Electronics, . Article in Press.

- 150. Šimšić, Z.S., Živković, D., Manasijević, D., Grgurić, T.H., Du, Y., Gojić, M., Kožuh, S., Kostov, A., Todorović, R., Thermal analysis and microstructural investigation of Cu-rich alloys in the Cu-Al-Ag system (2014) Journal of Alloys and Compounds, 612, pp. 486-492.**

2018-486) Kök, M., Ata, Ş., Yakıncı, Z.D., Aydoğdu, Y., Examination of phase changes in the CuAl high-temperature shape memory alloy with the addition of a third element (2018) Journal of Thermal Analysis and Calorimetry, 133 (2), pp. 845-850.

- 151. Premović, M., Minić, D., Manasijević, D., Čosović, V., Živković, D., Dervišević, I., Talijan, N., Mechanical and electrical properties of the ternary Ag-Sb-Zn system (2014) Acta Metallurgica Sinica (English Letters), 27 (1), pp. 47-54.**

2018-487) Li, Y.-H., Liang, X.-J., Li, J.-G., Wang, J., Effect of Annealing on Properties of AgCuNiCe/TU1 Rolling Clad Sheet (2018) Transactions of the Indian Institute of Metals, 71 (1), pp. 253-256.

- 152. Niculović, M., Živković, D., Manasijević, D., Štrbac, N., Study of pathological Internet use, behavior and attitudes among students population at Technical Faculty Bor, University of Belgrade (2014) Computers in Human Behavior, 39, pp. 78-87.**

2018-488) Tian, Y., Guo, Z.X., Shi, J.R., Bian, Y.L., Han, P.G., Wang, P., Gao, F.Q., Bidirectional Mediating Role of Loneliness in the Association Between Shyness and Generalized Pathological Internet Use in Chinese University Students: A Longitudinal Cross-Lagged Analysis (2018) Journal of Psychology: Interdisciplinary and Applied, 152 (8), pp. 529-547.

2018-489) Zhang, S., Tian, Y., Sui, Y., Zhang, D., Shi, J., Wang, P., Meng, W., Si, Y., Relationships between social support, loneliness, and internet addiction in Chinese postsecondary students: A longitudinal cross-lagged analysis (2018) Frontiers in Psychology, 9 (SEP), art. no. 1707

2018-490) Tian, Y., Si, Y., Meng, W., Bian, Y., Han, P., Hu, J., Wang, P., Gao, F., Mediating Factors of the Association Between Shyness and Generalized Pathological Internet Use in Chinese University Students (2018) International Journal of Mental Health and Addiction, . Article in Press.

153. Premović, M., Manasijević, D., Minić, D., Živković, D., Experimental investigation and thermodynamic calculation of the Ge-In-Sb phase diagram (2014) *Materials Chemistry and Physics*, 148 (1-2), pp. 356-363.

2018-491) Gašior, W., Dębski, A., Zabrocki, M., Thermodynamic description of the Ge-In-Li liquid alloys (2018) *Journal of Molecular Liquids*, 260, pp. 415-422.
154. Ćosović, V., Ćosović, A., Talijan, N., Živković, D., Manasijević, D., Minić, D., Improving dispersion of SnO₂ nanoparticles in Ag-SnO₂ electrical contact materials using template method (2013) *Journal of Alloys and Compounds*, 567, pp. 33-39.

2018-492) Wu, C., Zhao, Q., Li, N., Wang, H., Yi, D., Weng, W., Influence of fabrication technology on arc erosion of Ag/10SnO₂ electrical contact materials (2018) *Journal of Alloys and Compounds*, 766, pp. 161-177.
2018-493) Zhao, Q., Liu, H., Wu, C., Li, N., Jiang, Y., Yi, D., Preferential oxidation of intermetallic compounds in Ag-2Sn-4La alloy (2018) *Corrosion Science*, 143, pp. 177-186.
2018-494) Kesim, M.T., Yu, H., Sun, Y., Aindow, M., Alpaya, S.P., Corrosion, oxidation, erosion and performance of Ag/W-based circuit breaker contacts: A review (2018) *Corrosion Science*, 135, pp. 12-34.
2018-495) Ding, J., Tian, W.B., Zhang, P., Zhang, M., Zhang, Y.M., Sun, Z.M., Arc erosion behavior of Ag/Ti₃AlC₂ electrical contact materials (2018) *Journal of Alloys and Compounds*, 740, pp. 669-676.
155. Minić, D., Manasijević, D., Ćosović, V., Talijan, N., Živković, Z., Živković, D., Premović, M., Experimental investigation and thermodynamic prediction of the Cu-Sb-Zn phase diagram (2012) *Journal of Alloys and Compounds*, 517, pp. 31-39.

2018-496) Dai, H., Tao, D.P., A statistical thermodynamic model with strong adaptability for liquid mixtures (2018) *Fluid Phase Equilibria*, 473, pp. 154-165.
2018-497) Misra, S., Koley, B., Chatterjee, S., Mallick, S., Jana, P.P., Atomic Ordering of Two Neighboring Transition Metals - Cu and Zn from Binary CuZn to Ternary Cu₃ZnSb (2018) *Inorganic Chemistry*, 57 (19), pp. 11970-11977.
156. Živković, D., Novaković, R., Katayama, I., Manasijević, D., Molar volume calculation of Ga-Bi-X (X = Sn, In) liquid alloys using the general solution model (2010) *International Journal of Materials Research*, 101 (11), pp. 1432-1435.

2018-498) Chou, K.-C., Yu, Z.-G., Calculation of the physicochemical properties for ternary solution with limited solubility (2018) *Ceramics International*, 44 (17), pp. 20955-20960.
157. Marković, B., Živković, D., Vr̂eštAl, J., Manasijević, D., Minić, D., Talijan, N., Staji-Trošić, J., Todorović, R., Experimental study and thermodynamic remodeling of the Bi-Cu-Ni system (2010) *Calphad: Computer Coupling of Phase Diagrams and Thermochemistry*, 34 (3), pp. 294-300.

2018-499) Chen, H.-L., Mao, H., Chen, Q., Database development and Calphad calculations for high entropy alloys: Challenges, strategies, and tips (2018) *Materials Chemistry and Physics*, 210, pp. 279-290.
158. Aljilji, A., Minić, D., Manasijević, D., Živković, D., Todorović, A., Phase equilibria and thermodynamics of the Bi-Cu-In ternary system (2010) *Thermochimica Acta*, 498 (1-2), pp. 11-15.

2018-500) Dai, H., Tao, D.P., A statistical thermodynamic model with strong adaptability for liquid mixtures (2018) *Fluid Phase Equilibria*, 473, pp. 154-165.
159. Minić, D., Manasijević, D., Dokić, J., Živković, D., Živković, Ž., Silicothermic reduction process in magnesium production: Thermal analysis and characterization of the slag (2008) *Journal of Thermal Analysis and Calorimetry*, 93 (2), pp. 411-415.

2018-501) Bugdayci, M., Turan, A., Alkan, M., Yucel, O., Effect of reductant type on the metallothermic magnesium production process (2018) *High Temperature Materials and Processes*, 37 (1), pp. 1-8.

160. **Živković, D., Katayama, I., Gomidželović, L., Manasijević, D., Novaković, R., Comparative thermodynamic study and phase equilibria of the Bi - Ga - Sn ternary system (2007) International Journal of Materials Research, 98 (10), pp. 1025-1030.**
2018-502) Dogan, A., Arslan, H., Calculation of the surface tension of liquid Ga-based alloys (2018) Philosophical Magazine, 98 (13), pp. 1170-1185.
2018-503) Dobosz, A., Plevachuk, Y., Sklyarchuk, V., Sokoliuk, B., Tkach, O., Gancarz, T., Liquid Metals in High-Temperature Cooling Systems: The Effect of Bi Additions for the Physicochemical Properties of Eutectic Ga-Sn-Zn (2018) Journal of Chemical and Engineering Data, . Article in Press.
161. **Trumic, B., Zivkovic, D., Zivkovic, Z., Manasijevic, D., Comparative thermodynamic analysis of the Pb-Au0.7Sn 0.3 section in the Pb-Au-Sn ternary system (2005) Thermochimica Acta, 435 (1), pp. 113-117.**
2018-504) Chou, K.-C., Application of phenomenological theory to chemical metallurgy (2018) ISI International, 58 (5), pp. 785-791.
162. **Živković, D., Manasijević, D., Živković, Z., Thermodynamic study of Ga-Sn and Ga-Zn systems using quantitative differential thermal analysis (2003) Journal of Thermal Analysis and Calorimetry, 74 (1), pp. 85-96.**
2018-505) Gao, P., Tu, W., Li, P., Wang, L.-M., Variation in entropies of fusion driven by mixing in binary glass forming eutectics (2018) Journal of Alloys and Compounds, 736, pp. 12-16.
2018-506) Terlicka, S., Dębski, A., Gašior, W., Thermodynamic description of the Ga-Li-Zn system (2018) Thermochimica Acta, 659, pp. 66-73.
163. **Manasijević, D., Živković, D., Katayama, I., Živković, Ž., Calculation of activities in some gallium-based systems with a miscibility gap (2003) Journal of the Serbian Chemical Society, 68 (8-9), pp. 665-675.**
2018-507) Deveau, N.D., Yen, P.-S., Datta, R., Evaluation of hydrogen sorption and permeation parameters in liquid metal membranes via Sieverts' apparatus (2018) International Journal of Hydrogen Energy, 43 (41), pp. 19075-19090.
164. **Grekulović, V., Rajčić-Vujasinović, M., Electrochemical behavior of AgCu alloy in alkaline medium in the presence of chloride ions (2012) Corrosion, 68 (2), art. no. 025003**
2018-508) Schindelholz, E.J., Cong, H., Jove-Colon, C.F., Li, S., Ohlhausen, J.A., Moffat, H.K., Electrochemical aspects of copper atmospheric corrosion in the presence of sodium chloride (2018) Electrochimica Acta, 276, pp. 194-206.
165. **Stanković, Z.D., Cvetkovski, V.B., Grekulović, V.J., Vuković, M.V., Ivanov, S.L., The effect of tellurium presence in anodic copper on kinetics and mechanism of anodic dissolution and cathodic deposition of copper (2013) International Journal of Electrochemical Science, 8 (5), pp. 7274-7283.**
2018-509) Stević, Z., Vlahović, M., Martinović, S., Dimitrijević, S., Ponomaryova, E., Volkov-Husović, T., Modelling, simulation and optimisation of pulse-reverse regime of copper, silver and gold electrodeposition (2018) International Journal of Materials Research, 109 (6), pp. 514-521.
166. **Arsić, S., Nikolić, D., Mihajlović, I., Fedajev, A., Živković, Ž.; A New Approach Within ANP-SWOT Framework for Prioritization of Ecosystem Management and Case Study of National Park Djerdap, Serbia, (2018) Ecological Economics, 146, pp. 85-95.**
2018-510) Stević, Ž., Stjepanović, Ž., Božičković, Z., Das, D.K., Stanujkić, D.; Assessment of conditions for implementing information technology in a warehouse system: A novel fuzzy PIPRECIA method, (2018) Symmetry, 10 (11), art. no. 586, .
2018-511) Soroudi, M., Omrani, G., Moataar, F., Jozi, S.A.; A comprehensive multi-criteria decision making-based land capability assessment for municipal solid waste landfill siting, (2018) Environmental Science and Pollution Research, 25 (28), pp. 27877-27889.

- 2018-512)** Wu, Y., Zhang, B., Xu, C., Li, L.; Site selection decision framework using fuzzy ANP-VIKOR for large commercial rooftop PV system based on sustainability perspective, (2018) *Sustainable Cities and Society*, 40, pp. 454-470.
- 2018-513)** Miloradov, K., Eidlina, G.; Analysis of tourism infrastructure development projects in the context of "Green economy", (2018) *European Research Studies Journal*, 21 (4), pp. 20-30.
- 2018-514)** Büyüközkan, G., Ilıcak, Ö.; Integrated SWOT analysis with multiple preference relations: Selection of strategic factors for social media, (2018) *Kybernetes*, . Article in Press.
- 167. Živković, Ž., Nikolić, D., Savić, M., Djordjević, P., Mihajlović, I.; Prioritizing Strategic Goals in Higher Education Organizations by Using a SWOT-PROMETHEE/GAIA-GDSS Model (2017) Group Decision and Negotiation, 26 (4), pp. 829-846.**
- 2018-515)** Blanco, V., Salmerón, R., Gómez-Haro, S., A Multicriteria Selection System Based on Player Performance: Case Study—The Spanish ACB Basketball League, (2018) *Group Decision and Negotiation*, 27 (6), pp. 1029-1046.
- 168. Savić, M., Mihajlović, I., Djordjević, P., Živković, Z.; ANFIS-Based Prediction of the Decomposition of Sodium Aluminate Solutions in the Bayer Process (2016) Chemical Engineering Communications, 203 (8), pp. 1053-1061.**
- 2018-516)** Oke, E.O., Araromi, D.O., Jimoda, L.A., Adetayo Adeniran, J., Kinetics and neuro-fuzzy soft computing modelling of river turbid water coag-flocculation using mango (*Mangifera indica*) kernel coagulant, (2018) *Chemical Engineering Communications*, . Article in Press.
- 169. Jovanović, F., Miličić, N., Dimitrova, M., Mihajlović, I.; Risk management impact assessment on the success of strategic investment projects: Benchmarking among different sector companies, (2016) Acta Polytechnica Hungarica, 13 (5), pp. 221-241.**
- 2018-517)** Janos, F.D., Dai, N.H.P., Security concerns towards security operations centers, (2018) *SACI 2018 - IEEE 12th International Symposium on Applied Computational Intelligence and Informatics, Proceedings*, art. no. 8440963, pp. 273-278.
- 2018-518)** Sukono, Susanti, D., Najmia, M., Lesmana, E., Napitupulu, H., Supian, S., Putra, A.S. Analysis of stock investment selection based on CAPM using covariance and genetic algorithm approach, (2018) *IOP Conference Series: Materials Science and Engineering*, 332 (1), art. no. 012046, .
- 2018-519)** Gavurova, B., Dujcak, M., Kovac, V., Kotásková, A., Determinants of successful loan application at peer-to-peer lending market, (2018) *Economics and Sociology*, 11 (1), pp. 85-99.
- 170. Savić, M., Nikolic, D., Mihajlovic, I., Živkovic, Z., Bojanov, B., Djordjevic, P.; Multi-criteria decision support system for optimal blending process in zinc production, (2015) Mineral Processing and Extractive Metallurgy Review, 36 (4), pp. 267-280.**
- 2018-520)** Chakraborty, S., Ramakrishnan, K.R., Mitra, A., A multi-criteria decision support model for optimal cotton fibre blending, (2018) *Journal of the Textile Institute*, 109 (11), pp. 1482-1492.
- 171. Mihajlović, I.; Possibilities for development of business cluster network between SMEs from Visegrad countries and Serbia, (2014) Serbian Journal of Management, 9 (2), pp. 145-148.**
- 2018-521)** Bogoviz, A.V., Litvinova, T.N., Lobova, S.V., Ragulina, Y.V., Infrastructural provision of international entrepreneurship: Theory and practice, (2018) *International Journal of Trade and Global Markets*, 11 (3), pp. 190-199.
- 172. Miličić, N., Mihajlović, I., Nikolić, D., Živković, T.; Multicriteria analysis of safety climate measurements at workplaces in production industries in Serbia, (2014) International Journal of Industrial Ergonomics, 44 (4), pp. 510-519.**
- 2018-522)** Chen, Y.-L., Liu, K.-H., Chang, C.-C., Practical application of safety climate: A case study in the Taiwanese steel industry, (2018) *International Journal of Industrial Ergonomics*, 67, pp. 67-72.
- 2018-523)** Ardeshir, A., Mohajeri, M., Assessment of safety culture among job positions in high-rise construction: a hybrid fuzzy multi criteria decision-making (FMCDM) approach, (2018) *International Journal of Injury Control and Safety Promotion*, 25 (2), pp. 195-206.
- 2018-524)** Singh, V., Verma, A., A review, simple meta-analysis and future directions of safety climate research in manufacturing organizations, (2018) *International Journal of Occupational Safety and Ergonomics*, . Article in Press.

173. **Mihajlović, I., Durić, I., Živković, Ž.; ANFIS based prediction of the aluminum extraction from boehmite bauxite in the Bayer process, (2014) Polish Journal of Chemical Technology, 16 (1), pp. 103-109.**
 2018-525) Loginova, I.V., Shoppert, A.A., Kryuchkov, E.Yu., Kinetics investigation and optimal parameters of alumina extraction during the middle timan bauxites leaching (2018) Tsvetnye Metally, (1), pp. 63-68.
174. **Djordjevic, P., Mitevska, N., Mihajlovic, I., Nikolic, D., Zivkovic, Z.; Effect of the slag basicity on the coefficient of distribution between copper matte and the slag for certain metals, (2014) Mineral Processing and Extractive Metallurgy Review, 35 (3), pp. 202-207.**
 2018-526) Men, C., Liu, R., Wang, Q., Guo, L., Shen, Z., The impact of seasonal varied human activity on characteristics and sources of heavy metals in metropolitan road dusts, (2018) Science of the Total Environment, 637-638, pp. 844-854.
 2018-527) Men, C., Liu, R., Xu, F., Wang, Q., Guo, L., Shen, Z., Pollution characteristics, risk assessment, and source apportionment of heavy metals in road dust in Beijing, China, (2018) Science of the Total Environment, 612, pp. 138-147.
175. **Djordjevic, P., Nikolic, D., Jovanovic, I., Mihajlovic, I., Savic, M., Zivkovic, Z., Episodes of extremely high concentrations of SO₂ and particulate matter in the urban environment of Bor, Serbia, (2013) Environmental Research, 126, pp. 204-207.**
 2018-528) Landim, A.A., Teixeira, E.C., Agudelo-Castañeda, D., Schneider, I., Silva, L.F.O., Wiegand, F., Kumar, P. Spatio-temporal variations of sulfur dioxide concentrations in industrial and urban area via a new statistical approach, (2018) Air Quality, Atmosphere and Health, 11 (7), pp. 801-813.
 2018-529) Baricza, Á., Bajnóczi, B., Kovács, J., May, Z., Szabó, M., Szabó, C., Tóth, M., Chemical durability of lead-bearing glazes in sulphuric acid solutions — Laboratory experiments performed on Zsolnay architectural ceramics from Budapest (Hungary), (2018) International Journal of Architectural Heritage, 12 (2), pp. 216-236.
176. **Durić, I., Mihajlović, I., Živković, Z., Kešelj, D., Artificial neural network prediction of aluminum extraction from bauxite in the Bayer process, (2012) Journal of the Serbian Chemical Society, 77 (9), pp. 1259-1271.**
 2018-530) Sandoval, A.P., Cuello, K.C., Modeling of the teniente converter through artificial neural networks, (2018) IIISIC 2018 - Jornadas Iberoamericanas de Ingenieria de Software e Ingenieria del Conocimiento, pp. 125-136.
177. **Arsić, M., Nikolić, D., Živković, Z., Urošević, S., Mihajlović, I., The effect of TQM on employee loyalty in transition economy, Serbia, (2012) Total Quality Management and Business Excellence, 23 (5-6), pp. 719-729.**
 2018-531) Mendes, L., Jesus, J., Influence of total quality-based human issues on organisational commitment (2018) Total Quality Management and Business Excellence, 29 (3-4), pp. 260-286.
178. **Arsić, M., Nikolić, D., Djordjević, P., Mihajlović, I., Živković, Ž., Episodes of extremely high concentrations of tropospheric ozone in the urban environment in Bor – Serbia, (2011) Atmospheric Environment, 45 (32), pp. 5716-5724.**
 2018-532) Akdemir, A., Filiz, B., Özel Akdemir, Ü., Investigation of performance of tropospheric ozone estimations in the industrial region using differential Artificial Neural Networks methods, (2018) Global Nest Journal, 20 (1), pp. 103-108.
179. **Nikolić, D., Milošević, N., Živković, Z., Mihajlović, I., Kovačević, R., Petrović, N., Multi-criteria analysis of soil pollution by heavy metals in the vicinity of the Copper Smelting Plant in Bor (Serbia), (2011) Journal of the Serbian Chemical Society, 76 (4), pp. 625-641.**
 2018-533) Stevanović, V., Gulán, L., Milenković, B., Valjarević, A., Zeremski, T., Penjišević, I., Environmental risk assessment of radioactivity and heavy metals in soil of Toplica region, South Serbia, (2018) Environmental Geochemistry and Health, 40 (5), pp. 2101-2118.
 2018-534) Akopyan, K., Petrosyan, V., Grigoryan, R., Melkom Melkomian, D., Assessment of residential soil contamination with arsenic and lead in mining and smelting towns of northern Armenia, (2018) Journal of Geochemical Exploration, 184, pp. 97-109.

- 2018-535) Geddie, A.W., Hall, S.G. An introduction to copper and zinc pollution in macroalgae: for use in remediation and nutritional applications (2018) *Journal of Applied Phycology*, . Article in Press.
180. **Nikolić, D., Milošević, N., Mihajlović, I., Živković, Z., Tasić, V., Kovačević, R., Petrović, N., Multi-criteria analysis of air pollution with SO₂ and PM₁₀ in urban area around the copper smelter in Bor, Serbia, (2010) *Water, Air, and Soil Pollution*, 206 (1-4), pp. 369-383.**
 2018-536) Urošević, S., Vuković, M., Pejčić, B., Štrbac, N., Mining-metallurgical sources of pollution in eastern serbia and environmental consciousness, (2018) *Revista Internacional de Contaminacion Ambiental*, 34 (1), pp. 103-115.
181. **Živković, Ž., Mitevska, N., Mihajlović, I., Nikolić, D., The influence of the silicate slag composition on copper losses during smelting of the sulfide concentrates. (2009) *Journal of Mining and Metallurgy, Section B: Metallurgy*, 45 (1), pp. 23-34.**
 2018-537) Bellemans, I., De Wilde, E., Moelans, N., Verbeken, K., Metal losses in pyrometallurgical operations - A review (2018) *Advances in Colloid and Interface Science*, 255, pp. 47-63.
182. **Nikolić, D., Jovanović, I., Mihajlović, I., Živković, Z., Multi-criteria ranking of copper concentrates according to their quality - An element of environmental management in the vicinity of copper - Smelting complex in Bor, Serbia, (2009) *Journal of Environmental Management*, 91 (2), pp. 509-515.**
 2018-538) Chakraborty, S., Ramakrishnan, K.R., Mitra, A., A multi-criteria decision support model for optimal cotton fibre blending, (2018) *Journal of the Textile Institute*, 109 (11), pp. 1482-1492.
183. **Voza, D., Vukovic, M., Takic, L., Nikolic, D., Mladenovic-Ranisavljevic, I., Application of multivariate statistical techniques in the water quality assessment of Danube river, Serbia, (2015) *Archives of Environmental Protection*, 41 (4), pp. 96-103.**
 2018-539) Medeiros, W.M.V., da Silva, C.E., Lins, R.P.M., Seasonal and spatial evaluation of the surface water quality in the Longá river watershed, piauí, Brazil [Avaliação sazonal e espacial da qualidade das águas superficiais da bacia hidrográfica do rio longá, piauí, Brasil], (2018) *Revista Ambiente e Agua*, 13 (2), art. no. e2054, 17 p.
- 2018-540) Savic, R., Ondrasek, G., Blagojevic, B., Bubalo Kovacic, M., Zemunac, R., Spatial distribution and temporal variation of chemical properties of drainage watercourses in rural and peri-urban areas of Novi Sad (Serbia)—a case study, (2018) *Environmental Monitoring and Assessment*, 190 (1), art. no. 53, .
- 2018-541) Milanović Pešić, A., Brankov, J., Milijašević Joksimović, D. Water quality assessment and populations' perceptions in the National park Djerdap (Serbia): key factors affecting the environment, (2018) *Environment, Development and Sustainability*, . Article in Press.
184. **Papic M., Vukovic M., Multivariate analysis of contamination of alluvial soils with heavy metals in Čačak, Serbia (2015) *Romanian Journal of Physics*, (7-8) 1151-1162.**
 2018-542) Stevanović, V., Gulan, L., Milenković, B., Valjarević, A., Zeremski, T., Penjišević, I., Environmental risk assessment of radioactivity and heavy metals in soil of Toplica region, South Serbia, (2018) *Environmental Geochemistry and Health*, 40 (5), pp. 2101-2118.
185. **Papic M., Vukovic M., Bikit I., Mrda D., Forkapic S., Bikit K., Nikolic D., Multi-criteria analysis of soil radioactivity in čaČak Basin, Serbia, (2014), *Romanian Journal of Physics*, (7-8) 846-861.**
 2018-543) Stevanović, V., Gulan, L., Milenković, B., Valjarević, A., Zeremski, T., Penjišević, I., Environmental risk assessment of radioactivity and heavy metals in soil of Toplica region, South Serbia. (2018) *Environmental Geochemistry and Health*, 40 (5), pp. 2101-2118.
- 2018-544) Gulan, L., Valjarevic, A., Milenkovic, B., Stevanovic, V., Milic, G., Stajic, J.M., Environmental radioactivity with respect to geology of some Serbian spas, (2018) *Journal of Radioanalytical and Nuclear Chemistry*, 317 (1), pp. 571-578.
186. **Vukovic M., Influence of pH on the dissolution kinetics of iron in sulphuric acid solutions, (1996), *Hydrometallurgy*, (1-3) 79-93.**
 2018-545) Donneys-Victoria, D., Marriaga-Cabrales, N., Camargo-Amado, R.J., Machuca-Martínez, F., Peralta-Hernández, J.M., Martínez-Huitle, C.A., Treatment of landfill leachate by a combined process: Iron

electrodissolution, iron oxidation by H₂O₂ and chemical flocculation, (2018) Sustainable Environment Research, 28 (1), pp. 12-19.

- 187. Djenadic D.M., Manic M.T., Riznic D.T., The impact of clerestory lights on energy efficiency of buildings, (2015), Thermal Science, (3) 893-904.**
2018-546 Lee, W., Song, K., Cho, H., Visual comfort considered light control methods for energy efficient office buildings a case study, (2018) Thermal Science, 22, pp. 875-885.
- 188. Dado J., Taborecka Petrovicova J., Riznic D., Rajic T., Linking service quality and satisfaction to behavioural intentions in higher education setting, (2013), Ekonomicky casopis, (6) 578-596.**
2018-547 Štarchoň, P., Vetráková, M., Metke, J., Lorincová, S., Hitka, M., Weberová, D., Introduction of a new mobile player app store in selected countries of Southeast Asia, (2018) Social Sciences, 7 (9), art. no. 163, .
- 189. Malkowsky E., Djolovic I., Banach algebras of matrix transformations between some sequence spaces related to Λ -strong convergence and boundedness, (2013), Applied Mathematics and Computation, (16) 8779-8789.**
2018-548 Raj, K., Sharma, C., Essential norm of weighted composition operators, (2018) Analysis (Germany), 38 (3), pp. 145-154.
- 190. Dehghani H., Bogdanovic D., Copper price estimation using bat algorithm, (2018), Resources Policy, 55-61**
2018-549 Zaini, N., Malek, M.A., Yusoff, M., Osmi, S.F.C., Mardi, N.H., Norhisham, S., Bat algorithm and neural network for monthly streamflow prediction, (2018) AIP Conference Proceedings, 2030, art. no. 020260, .
2018-550 Al-Betar, M.A., Awadallah, M.A., Island bat algorithm for optimization, (2018) Expert Systems with Applications, 107, pp. 126-145.
2018-551 Zaini, N., Malek, M.A., Yusoff, M., Osmi, S.F.C., Mardi, N.H., Norhisham, S., Support vector machine and neural network based model for monthly stream flow forecasting, (2018) International Journal of Engineering and Technology(UAE), 7 (4), pp. 683-688.
2018-552 Chaudhary, R., Banati, H., Swarm bat algorithm with improved search (SBAIS), (2018) Soft Computing, . Article in Press.
- 191. Stojcetovic B., Nikolic D., Velinov V., Bogdanovic D., Application of integrated strengths, weaknesses, opportunities, and threats and analytic hierarchy process methodology to renewable energy project selection in Serbia, (2016), Journal of Renewable and Sustainable Energy, 8 (3), art. no. 035906**
2018-553 Oztaysi, B., Cevik Onar, S., Kahraman, C., Prioritization of business analytics projects using interval type-2 fuzzy AHP, (2018) Advances in Intelligent Systems and Computing, 643, pp. 106-117.
2018-554 Xu, D., Dong, L., Strategic diagnosis of China's modern coal-to-chemical industry using an integrated SWOT-MCDM framework, (2018) Clean Technologies and Environmental Policy, . Article in Press.
- 192. Bogdanovic D., Nikolic D., Ivana I., Mining method selection by integrated AHP and PROMETHEE method, (2012), Anais da Academia Brasileira de Ciencias, (1) 219-233.**
2018-555 Hrinov, V., Khorolskyi, A., Improving the process of coal extraction based on the parameter optimization of mining equipment, (2018) E3S Web of Conferences, 60, art.no.00017,.
2018-556 Arabameri, A., Rezaei, K., Pourghasemi, H.R., Lee, S., Yamani, M., GIS-based gully erosion susceptibility mapping: a comparison among three data-driven models and AHP knowledge-based technique (2018) Environmental Earth Sciences, 77 (17), art. no. 628, .
2018-557 Oliveira, M., Fontes, D.B.M.M., Pereira, T., Evaluating vehicle painting plans in an automobile assembly plant using an integrated AHP-PROMETHEE approach, (2018) International Transactions in Operational Research, 25 (4), pp. 1383-1406.
2018-558 Dos Santos, C.F., Netto, R.J.K., Loures, E.F.R., Santos, E.A.P., Alarm management according to isa sp 18.2 standard based on process mining and multi-criteria decision making methods, (2018) Advances in Transdisciplinary Engineering, 7, pp. 633-642.

- 2018-559)** Ebrahimabadi, A., Pouresmaieli, M., Afradi, A., Pouresmaeili, E., Nouri, S., Comparing Two Methods of PROMETHEE and Fuzzy TOPSIS in Selecting the Best Plant Species for the Reclamation of Sarcheshmeh Copper Mine(2018) Asian Journal of Water, Environment and Pollution, 15 (2), pp. 141-152.
- 193. Urosevic S., Karabasevic D., Stanujkic D., Maksimovic M., An approach to personnel selection in the tourism industry based on the SWARA and the WASPAS methods (2017) Economic Computation and Economic Cybernetics Studies and Research, (1) 75-88.**
- 2018-560)** Pamučar, D., Stević, Ž., Sremac, S., A new model for determining weight coefficients of criteria in MCDM models: Full Consistency Method (FUCOM), (2018) Symmetry, 10 (9), art. no. 393, .
- 2018-561)** Stojić, G., Stević, Ž., Antuchevičienė, J., Pamučar, D., Vasiljević, M., A novel rough WASPAS approach for supplier selection in a company manufacturing PVC carpentry products, (2018) Information (Switzerland), 9 (5), art. no. 121, .
- 2018-562)** Keshavarz-Ghorabae, M., Amiri, M., Zavadskas, E.K., Turskis, Z., Antucheviciene, J., An extended step-wise weight assessment ratio analysis with symmetric interval type-2 fuzzy sets for determining the subjective weights of criteria in multi-criteria decision-making problems, (2018) Symmetry, 10 (4), art. no. 91, .
- 2018-563)** Emovon, I., Mgbemena, C.O., Machinery/service system scheduled replacement time determination: A combine weighted aggregated sum product assessment, additive ratio assessment and age replacement model approach, (2018) International Journal of Integrated Engineering, 10 (1), pp. 169-175.
- 2018-564)** Zavadskas, E.K., Stevic, Z., Tanackov, I., Prentkovskis, O., A novel multicriteria approach - rough step-wise weight assessment ratio analysis method (R-SWARA) and its application in logistics, (2018) Studies in Informatics and Control, 27 (1), pp. 97-106.
- 2018-565)** Keshavarz-Ghorabae, M., Amiri, M., Zavadskas, E.K., Turskis, Z., Antucheviciene, J., Simultaneous evaluation of criteria and alternatives (seca) for multi-criteria decision-making, (2018) Informatica (Netherlands), 29 (2), pp. 265-280.
- 194. Karabasevic D., Stanujkic D., Urosevic S., Maksimovic M., Selection of candidates in the mining industry based on the application of the SWARA and the MULTIMOORA methods (2015) Acta Montanistica Slovaca, (2) 116-124.**
- 2018-566)** Hashemkhani Zolfani, S., Yazdani, M., Zavadskas, E.K., An extended stepwise weight assessment ratio analysis (SWARA) method for improving criteria prioritization process, (2018) Soft Computing, 22 (22), pp. 7399-7405.
- 2018-567)** Ijadi Maghsoodi, A., Kavian, A., Khalilzadeh, M., Brauers, W.K.M., CLUS-MCDA: A novel framework based on cluster analysis and multiple criteria decision theory in a supplier selection problem, (2018) Computers and Industrial Engineering, 118, pp. 409-422.
- 2018-568)** Xingeng, L., Jian, L., Application and improvement of fuzzy multi objective group decision making in quantitative assessment of primary-level worker, (2018) Journal of Advanced Oxidation Technologies, 21 (2), art. no. 201810567,.
- 2018-569)** Markulík, Š., Cehlár, M., Kozel, R., Process approach in the mining conditions, (2018) Acta Montanistica Slovaca, 23 (1), pp. 46-52.
- 2018-570)** Rajesh, G., Malliga, P., Selection of suppliers using Swara and Copras-G, (2018) International Journal of Enterprise Network Management, 9 (2), pp. 169-185.
- 195. Djordjevic N., Djordjevic D., Miljkovic M., Urosevic S., Activated carbon from cotton waste as an adsorbent in the purification process of azo-dyes, (2014), Bulgarian Chemical Communications, (2) 277-282.**
- 2018-571)** Ma, X., Wang, X., Yin, X., Kan, X., Wang, Z., Electrochemical stripping of cotton fabrics dyed with Reactive Black 5 in water and wastewater, (2018) Chemosphere, 206, pp. 17-25.
- 196. Andevski M., Urosevic S., Stamatovic M., Discourse of sustainable development - a base of environmental education in Serbia, (2012), Environmental Engineering and Management Journal, (9) 1611-1626.**
- 2018-572)** Nannan, W., Chang, Y.-C., Effectiveness of low-carbon governance implementation in China, (2018) Environmental Engineering and Management Journal, 17 (3), pp. 601-609.
- 2018-573)** Gilmanshina, S.I., Sagitova, R.N., Gilmanshin, I.R., Science education: Development of environmental thinking, (2018) European Research Studies Journal, 21 (3), pp. 690-704.

- 2018-574)** Gilmanishina, S.I., Gayfullina, A.Z., Fedotova, N.R., Gilmanishin, I.R., Building the environmental literacy through school natural science education, (2018) *Astra Salvensis*, 6, pp. 245-253.
- 197. Jovanovic I., Arsic M., Nikolic D., Entrepreneurial personality traits and smes profitability in transition economy, (2018), Serbian Journal of Management, (1) 89-104**
- 2018-575)** Mura, L., Mazák, M., Innovative activities of family SMEs: Case study of the Slovak regions, (2018) *Online Journal Modelling the New Europe*, (27), pp. 132-147.
- 198. Arsic S., Nikolic D., Zivkovic Z., Hybrid SWOT - ANP - FANP model for prioritization strategies of sustainable development of ecotourism in National Park Djerdap, Serbia, (2017), Forest Policy and Economics, 11-26.**
- 2018-576)** Azis, S.S.A., Sipan, I., Sapri, M., Zafirah, A.M., Creating an innocuous mangrove ecosystem: Understanding the influence of ecotourism products from Malaysian and international perspectives, (2018) *Ocean and Coastal Management*, 165, pp. 416-427.
- 2018-577)** Gonzalez-Urango, H., García-Melón, M., Stakeholder engagement to evaluate tourist development plans with a sustainable approach, (2018) *Sustainable Development*, 26 (6), pp. 800-811.
- 2018-578)** Sriarkarin, S., Lee, C.-H., Integrating multiple attributes for sustainable development in a national park, (2018) *Tourism Management Perspectives*, 28, pp. 113-125.
- 2018-579)** Wu, Y., Zhang, B., Xu, C., Li, L., Site selection decision framework using fuzzy ANP-VIKOR for large commercial rooftop PV system based on sustainability perspective, (2018) *Sustainable Cities and Society*, 40, pp. 454-470.
- 2018-580)** Chen, X., Zhao, L., Özdemir, M.S., Liang, H., Mixed strategy to allocate resources with air pollution treatment in China: based on the analytic network process and large-group decision-making method, (2018) *Environmental Science and Pollution Research*, 25 (17), pp. 16885-16899.
- 2018-581)** Yu, Q., Yin, J., Evaluating urban eco-tourism resources and environment: A case study in Shanghai Chenshan Botanical Garden, China, (2018) *IOP Conference Series: Earth and Environmental Science*, 121 (3), art. no. 032008,.
- 199. Zivkovic Z., Arsic M., Nikolic D., The university of Belgrade on ARWU list - Part I: The impact of individual faculties on the achieved position using PROMETHEE-GAIA method, (2017), Serbian Journal of Management, (2) 171-187.**
- 2018-582)** Pilčević, I., Jeremić, V., Vujošević, D., Evaluating the scientific performance of institutions within the university: An example from the University of Belgrade leading institutions [Евалуација научне продукције институција у оквиру универзитета: Пример водећих институција универзитета у београду], (2018) *Journal of the Serbian Chemical Society*, 83 (11), pp. 1285-1295.
- 200. Trajkovic A., Milosevic I., Model to determine the economic and other effects of standardisation—a case study in Serbia, (2018), Total Quality Management and Business Excellence, (5-6) 673-685**
- 2018-583)** Glogovac, M., Filipovic, J., Quality costs in practice and an analysis of the factors affecting quality cost management, (2018) *Total Quality Management and Business Excellence*, 29 (13-14), pp. 1521-1544.
- 201. Stanujkic D., Meidute-Kavaliauskiene I., An approach to the production plant location selection based on the use of the Atanassov interval-valued intuitionistic fuzzy sets, (2017), Transport, 1-8.**
- 2018-584)** Chatzoglou, P., Chatzoudes, D., Petrakopoulou, Z., Polychrou, E., Plant location factors: a field research, (2018) *OPSEARCH*, 55 (3-4), pp. 749-786.
- 202. Stanujkic D., Zavadskas E.K., Keshavarz Ghorabae M., Turskis Z., An extension of the EDAS method based on the use of interval grey numbers, (2017), Studies in Informatics and Control, (1) 5-12**
- 2018-585)** Kocak, H., Caglar, A., Oztas, G.Z., Euclidean best-worst method and its application, (2018) *International Journal of Information Technology and Decision Making*, 17 (5), pp. 1587-1605.
- 2018-586)** Kundakci, N., An integrated method using MACBETH and EDAS methods for evaluating steam boiler alternatives, (2018) *Journal of Multi-Criteria Decision Analysis*, . Article in Press.
- 2018-587)** Kutlu Gündoğdu, F., Kahraman, C., Civan, H.N., A novel hesitant fuzzy EDAS method and its application to hospital selection, (2018) *Journal of Intelligent and Fuzzy Systems*, 35 (6), pp. 6353-6365.

- 203. Stanujkic D., Zavadskas E.K., Karabasevic D., Smarandache F., Turskis Z., The use of the pivot pairwise relative criteria importance assessment method for determining the weights of criteria, (2017), Romanian Journal of Economic Forecasting, (4) 116-133.**

2018-588) Radulescu, C.Z., Radulescu, M., Group decision support approach for cloud quality of service criteria weighting, (2018) Studies in Informatics and Control, 27 (3), pp. 275-284.

2018-589) Wang, J.-J., Miao, Z.-H., Cui, F.-B., Liu, H.-C., Robot evaluation and selection with entropy-based combination weighting and cloud TODIM approach, (2018) Entropy, 20 (5), art. no. 349, .

- 204. Stanujkic D., Zavadskas E.K., Smarandache F., Brauers W.K.M., Karabasevic D., A Neutrosophic Extension of the MULTIMOORA Method, (2017), Informatica (Netherlands), (1) 181-192.**

2018-590) Can, G.F., Kılıç Delice, E., A task-based fuzzy integrated MCDM approach for shopping mall selection considering universal design criteria, (2018) Soft Computing, 22 (22), pp. 7377-7397.

2018-591) Quan, M.-Y., Wang, Z.-L., Liu, H.-C., Shi, H., A Hybrid MCDM Approach for Large Group Green Supplier Selection with Uncertain Linguistic Information, (2018) IEEE Access, 6, art. no. 8453780, pp. 50372-50383.

2018-592) Bolturk, E., Kahraman, C., A novel interval-valued neutrosophic AHP with cosine similarity measure, (2018) Soft Computing, 22 (15), pp. 4941-4958.

2018-593) Aydin, S., Augmented reality goggles selection by using neutrosophic MULTIMOORA method, (2018) Journal of Enterprise Information Management, 31 (4), pp. 565-576.

2018-594) Tu, A., Ye, J., Wang, B., Multiple attribute decision-making method using similarity measures of neutrosophic cubic sets, (2018) Symmetry, 10 (6), art. no. 215, .

2018-595) Ji, P., Zhang, H.-Y., Wang, J.-Q., Selecting an outsourcing provider based on the combined MABAC–ELECTRE method using single-valued neutrosophic linguistic sets, (2018) Computers and Industrial Engineering, 120, pp. 429-441.

2018-596) Al-Quran, A., Hassan, N., The complex neutrosophic soft expert relation and its multiple attribute decision-making method, (2018) Entropy, 20 (2), art. no. 101, .

2018-597) Peng, X., Dai, J., A bibliometric analysis of neutrosophic set: two decades review from 1998 to 2017 (2018) Artificial Intelligence Review, . Article in Press.

- 205. Karabasevic D., Zavadskas E.K., Turskis Z., Stanujkic D., The Framework for the Selection of Personnel Based on the SWARA and ARAS Methods Under Uncertainties, (2016), Informatica (Netherlands), (1) 49-65.**

2018-598) Efe, B., Kurt, M., A systematic approach for an application of personnel selection in assembly line balancing problem, (2018) International Transactions in Operational Research, 25 (3), pp. 1001-1025.

- 206. Stanujkic D., An extension of the ratio system approach of MOORA method for group decision-making based on interval-valued triangular fuzzy numbers, (2016), Technological and Economic Development of Economy, (1) 122-141.**

2018-599) Can, G.F., Kılıç Delice, E., A task-based fuzzy integrated MCDM approach for shopping mall selection considering universal design criteria, (2018) Soft Computing, 22 (22), pp. 7377-7397.

2018-600) Jakimavičius, M., Analysis and assessment of lithuanian road accidents by ahp method, (2018) Baltic Journal of Road and Bridge Engineering, 13 (3), pp. 238-260.

- 207. Zavadskas E.K., Bausys R., Stanujkic D., Magdalinovic-Kalinovic M., Selection of lead-zinc flotation circuit design by applying WASPAS method with single-valued neutrosophic set, (2016), Acta Montanistica Slovaca, (2) 85-92.**

2018-601) Vafadarnikjoo, A., Mishra, N., Govindan, K., Chalvatzis, K., Assessment of consumers' motivations to purchase a remanufactured product by applying Fuzzy Delphi method and single valued neutrosophic sets, (2018) Journal of Cleaner Production, 196, pp. 230-244.

2018-602) Bolturk, E., Kahraman, C., A novel interval-valued neutrosophic AHP with cosine similarity measure, (2018) Soft Computing, 22 (15), pp. 4941-4958.

- 2018-603)** Ji, P., Zhang, H.-Y., Wang, J.-Q., Selecting an outsourcing provider based on the combined MABAC–ELECTRE method using single-valued neutrosophic linguistic sets, (2018) Computers and Industrial Engineering, 120, pp. 429-441.
- 2018-604)** Stojić, G., Stević, Ž., Antuchevičienė, J., Pamučar, D., Vasiljević, M., A novel rough WASPAS approach for supplier selection in a company manufacturing PVC carpentry products(2018) Information (Switzerland), 9 (5), art. no. 121, .
- 2018-605)** Pramanik, S., Dalapati, S., Alam, S., Smarandache, F., Roy, T.K., NC-cross entropy based MADM strategy in neutrosophic cubic set environment, (2018) Mathematics, 6 (5), art. no. 67, .
- 2018-606)** Otay, İ., Kahraman, C.. Six sigma project selection using interval neutrosophic TOPSIS, (2018) Advances in Intelligent Systems and Computing, 643, pp. 83-93.
- 2018-607)** Ilbahar, E., Kahraman, C., Retail store performance measurement using a novel interval-valued Pythagorean fuzzy WASPAS method, (2018) Journal of Intelligent and Fuzzy Systems, 35 (3), pp. 3835-3846.
- 2018-608)** Peng, X., Dai, J., A bibliometric analysis of neutrosophic set: two decades review from 1998 to 2017, (2018) Artificial Intelligence Review, . Article in Press.
- 208. Karabasevic D., Paunkovic J., Stanujkic D., Ranking of companies according to the indicators of corporate social responsibility based on SWARA and ARAS methods, (2016), Serbian Journal of Management, (1) 43-53**
- 2018-609)** Hashemkhani Zolfani, S., Yazdani, M., Zavadskas, E.K., An extended stepwise weight assessment ratio analysis (SWARA) method for improving criteria prioritization process, (2018) Soft Computing, 22 (22), pp. 7399-7405.
- 2018-610)** Pamučar, D., Stević, Ž., Sremac, S., A new model for determining weight coefficients of criteria in MCDM models: Full Consistency Method (FUCOM), (2018) Symmetry, 10 (9), art. no. 393, .
- 209. Stanujkic D., Extension of the ARAS method for decision-making problems with interval-valued triangular fuzzy numbers, (2015), Informatica (Netherlands), (2) 335-355.**
- 2018-611)** Heidary Dahooie, J., Beheshti Jazan Abadi, E., Vanaki, A.S., Firoozfar, H.R., Competency-based IT personnel selection using a hybrid SWARA and ARAS-G methodology, (2018) Human Factors and Ergonomics In Manufacturing, 28 (1), pp. 5-16.
- 210. Stanujkic D., Karabasevic D., Zavadskas E.K., Brauers W.K.M., An extension of the MULTIMOORA method for solving complex decision-making problems based on the use of interval-valued triangular fuzzy numbers, (2015), Transformations in Business and Economics, (2B) 355-375.**
- 2018-612)** Wu, X., Liao, H., Xu, Z., Hafezalkotob, A., Herrera, F., Probabilistic Linguistic MULTIMOORA: A Multicriteria Decision Making Method Based on the Probabilistic Linguistic Expectation Function and the Improved Borda Rule, (2018) IEEE Transactions on Fuzzy Systems, 26 (6), art. no. 8371313, pp. 3688-3702.
- 2018-613)** Quan, M.-Y., Wang, Z.-L., Liu, H.-C., Shi, H., A Hybrid MCDM Approach for Large Group Green Supplier Selection with Uncertain Linguistic Information, (2018) IEEE Access, 6, art. no. 8453780, pp. 50372-50383.
- 211. Stanujkic D., Karabasevic D., Zavadskas E.K., A framework for the selection of a packaging design based on the SWARA method, (2015), Engineering Economics, (2) 181-187.**
- 2018-614)** Zhang, S., Research on the packaging design based on flash and paper vision 3D technology, (2018) Journal of Advanced Oxidation Technologies, 21 (2), art. no. 201803438, .
- 2018-615)** Wu, Y., Xu, C., Cognition and design: Selection of illustration style in native products packaging design based on neurocognitive science, (2018) NeuroQuantology, 16 (6), pp. 385-390.
- 2018-616)** Jain, N., Yadav, V.S., Narang, H.K., Singh, A.R., Supplier selection through Attractive Criteria: A Fuzzy Kano based integrated MCDM approach, (2018) Proceedings of the International Conference on Industrial Engineering and Operations Management, 2018-March, pp. 1695-1704.
- 212. Stanujkic D., Zavadskas E.K., A modified Weighted Sum method based on the decision-maker's preferred levels of performances, (2015), Studies in Informatics and Control, (4)**

- 2018-617)** Moravec, M., Ižaričková, G., Liptai, P., Badida, M., Badidová, A., Development of psychoacoustic model based on the correlation of the subjective and objective sound quality assessment of automatic washing machines, (2018) *Applied Acoustics*, 140, pp. 178-182.
- 2018-618)** Su, W., Zhang, D., Zhang, C., Abrhám, J., Simionescu, M., Yaroshevich, N., Guseva, V., Determinants of foreign direct investment in the visegrad group countries after the EU enlargement, (2018) *Technological and Economic Development of Economy*, 24 (5), pp. 1955-1978.
- 2018-619)** Jahan, A., Developing waspas-RTB method for range target-based criteria: Toward selection for robust design, (2018) *Technological and Economic Development of Economy*, 24 (4), pp. 1362-1387.
- 213. Stanujkic D., An extension of the moora method for solving fuzzy decision making problems, (2014), Technological and Economic Development of Economy, S228-S255**
- 2018-620)** Ilce, A.C., Ozkaya, K., An integrated intelligent system for construction industry: A case study of raised floor material, (2018) *Technological and Economic Development of Economy*, 24 (5), pp. 1866-1884.
- 2018-621)** Pérez-Domínguez, L., Rodríguez-Picón, L.A., Alvarado-Iniesta, A., Luviano Cruz, D., Xu, Z., MOORA under Pythagorean Fuzzy Set for Multiple Criteria Decision Making, (2018) *Complexity*, 2018, art. no. 2602376, .
- 2018-622)** Sen, D.K., Datta, S., Mahapatra, S.S., Sustainable supplier selection in intuitionistic fuzzy environment: a decision-making perspective, (2018) *Benchmarking*, 25 (2), pp. 545-574.
- 214. Stanujkic D., Magdalinovic N., Milanovic D., Magdalinovic S., Popovic G., An efficient and simple multiple criteria model for a grinding circuit selection based on MOORA method, (2014), Informatica (Netherlands), (1) 73-93**
- 2018-623)** Wang, T.-C., Tsai, S.-Y., Solar panel supplier selection for the photovoltaic system design by using fuzzy multi-criteria decision making (MCDM) approaches, (2018) *Energies*, 11 (8), art. no. 1989, .
- 2018-624)** Maliene, V., Dixon-Gough, R., Malys, N., Dispersion of relative importance values contributes to the ranking uncertainty: Sensitivity analysis of Multiple Criteria Decision-Making methods, (2018) *Applied Soft Computing Journal*, 67, pp. 286-298.
- 2018-625)** Mardani, A., Jusoh, A., Halicka, K., Ejdys, J., Magruk, A., U. Ahmad, U.N., Determining the utility in management by using multi-criteria decision support tools: a review, (2018) *Economic Research-Ekonomska Istrazivanja*, . Article in Press.
- 215. Stanujkic D., Magdalinovic N., Jovanovic R., A multi-attribute decision making model based on distance from decision maker's preferences, (2013), Informatica (Netherlands), (1) 103-118**
- 2018-626)** Krylovas, A., Kosareva, N., Zavadskas, E.K., Scheme for statistical analysis of some parametric normalization classes, (2018) *International Journal of Computers, Communications and Control*, 13 (6), pp. 972-987.
- 2018-627)** Jahan, A., Developing waspas-RTB method for range target-based criteria: Toward selection for robust design (2018) *Technological and Economic Development of Economy*, 24 (4), pp. 1362-1387.
- 216. Dordevic B., Dordevic M., Stanujkic D., Investor relations on the internet: Analysis of companies on the serbian stock market, (2012), Economic Annals, (193) 113-136**
- 2018-628)** Hoffmann, C.P., Tietz, S., Hammann, K., Investor relations – a systematic literature review, (2018) *Corporate Communications*, 23 (3), pp. 294-311.
- 217. Stanujkic D., Magdalinovic N., Stojanovic S., Jovanovic R., Extension of ratio system part of MOORA method for solving decision-making problems with interval data, (2012), Informatica, (1) 141-154**
- 2018-629)** Petrović, G.S., Madić, M., Antucheviciene, J., An approach for robust decision making rule generation: Solving transport and logistics decision making problems, (2018) *Expert Systems with Applications*, 106, pp. 263-276.
- 2018-630)** Golpîra, H., A novel Multiple Attribute Decision Making approach based on interval data using U2P-Miner algorithm, (2018) *Data and Knowledge Engineering*, 115, pp. 116-128.
- 2018-631)** Pérez-Domínguez, L., Rodríguez-Picón, L.A., Alvarado-Iniesta, A., Luviano Cruz, D., Xu, Z., MOORA under Pythagorean Fuzzy Set for Multiple Criteria Decision Making, (2018) *Complexity*, 2018, art. no. 2602376, .

- 2018-632)** Sahu, N.K., Sahu, A.K., Sahu, A.K., Cluster approach integrating weighted geometric aggregation operator to appraise industrial robot: Knowledge based decision support system, (2018) *Kybernetes*, 47 (3), pp. 487-524.
- 218. Stanujkic D., Magdalinovic N., Jovanovic R., Stojanovic S., An objective multi-criteria approach to optimization using MOORA method and interval grey numbers, (2012), Technological and Economic Development of Economy, (2) 331-363**
- 2018-633)** Yang, F., Ye, C.M., Shi, M.H., A hybrid grey cuckoo search algorithm for job-shop scheduling problems under fuzzy conditions, (2018) *Advances in Production Engineering And Management*, 13 (3), pp. 254-266.
- 2018-634)** Xu, D., Lv, L., Dong, L., Ren, J., He, C., Manzardo, A., Sustainability Assessment Framework for Chemical Processes Selection under Uncertainties: A Vector-Based Algorithm Coupled with Multicriteria Decision-Making Approaches, (2018) *Industrial and Engineering Chemistry Research*, 57 (23), pp. 7999-8010.
- 2018-635)** Dorfeshan, Y., Mousavi, S.M., Mohagheghi, V., Vahdani, B., Selecting project-critical path by a new interval type-2 fuzzy decision methodology based on MULTIMOORA, MOOSRA and TPOP methods, (2018) *Computers and Industrial Engineering*, 120, pp. 160-178.
- 2018-636)** Jahan, A., Zavadskas, E.K., ELECTRE-IDAT for design decision-making problems with interval data and target-based criteria, (2018) *Soft Computing*, . Article in Press.
- 2018-637)** Streimikiene, D., A sustainability assessment in the energy sector, (2018) *A Sustainability Assessment in the Energy Sector*, pp. 1-304.
- 219. Kocev D., Menger-Type Covering Properties of Topological Spaces, (2015), Filomat, (1) 99-106**
- 2018-638)** Eysen, A.E., Özçağ, S., Weaker forms of the Menger property in bitopological spaces, (2018) *Quaestiones Mathematicae*, 41 (7), pp. 877-888.
- 220. Kocev D., Almost menger and related spaces, (2009), Matematicki Vesnik, (2) 173-180**
- 2018-639)** Eysen, A.E., Özçağ, S., Weaker forms of the Menger property in bitopological spaces, (2018) *Quaestiones Mathematicae*, 41 (7), pp. 877-888.
- 221. Radulescu M., Fedajev A., Sinisi C.I., Popescu C., Iacob S.E., Europe 2020 implementation as driver of economic performance and competitiveness. Panel analysis of CEE countries, (2018), Sustainability (Switzerland), (2)**
- 2018-640)** Cichowicz, E., Rollnik-Sadowska, E., Inclusive growth in CEE countries as a determinant of sustainable development, (2018) *Sustainability (Switzerland)*, 10 (11), art.no.3973,.
- 2018-641)** Socol, C., Marinas, M., Socol, A.G., Armeanu, D., Fiscal adjustment programs versus socially sustainable competitiveness in EU countries, (2018) *Sustainability (Switzerland)*, 10 (10), art. no. 3390, .
- 2018-642)** Pařová, D., Vejačka, M., Analysis of employment in the EU according to europe 2020 strategy targets (2018) *Economics and Sociology*, 11 (3), pp. 96-112.
- 222. Jevtic M., Jovanovic N., Radosavljevic J., Klimenta D., Moth swarm algorithm for solving combined economic and emission dispatch problem, (2017), Elektronika ir Elektrotechnika, (5) 21-28.**
- 2018-643)** Rezaie, H., Kazemi-Rahbar, M.H., Vahidi, B., Rastegar, H., Solution of combined economic and emission dispatch problem using a novel chaotic improved harmony search algorithm' (2018) *Journal of Computational Design and Engineering*, . Article in Press.

Prilog 3.

SPISAK DOMAĆIH PROJEKATA NA KOJIMA SU 2018. GODINE UČESTVOVALI ISTRAŽIVAČI SA TEHNIČKOG FAKULTETA U BORU

Projekti finansirani od strane Ministarstva prosvete, nauke i tehnološkog razvoja Republike Srbije:

OI projekti - 9 projekata (rukovodioci 2 projekta su istraživači sa TF Bor)

TR projekti - 13 projekata (rukovodioci 3 projekta su istraživači sa TF Bor)

III projekti - 4 projekta

Red. br.	Naziv projekta	Istraživači (broj istraživač meseci)	Broj projekta	Nosilac (koordinator)	Rukovodilac
1.	Razvoj tehnologija flotacijske prerade ruda bakra i plemenitih metala radi postizanja boljih tehnoloških rezultata	Zoran Štirbanović (4), Dragiša Stanujkić (8)	TR 33023	Institut za rudarstvo i metalurgiju Bor	Dragan Milanović
2.	Monitoring elektromagnetnih zračenja mobilnih telekomunikacionih sistema u životnoj sredini, analiza molekularnih mehanizama i biomarkera oštećenja kod hronične izloženosti sa razvojem modela za procenu rizika i metoda za zaštitu od zračenja	Čedomir Maluckov (2)	III 43012	Medicinski fakultet u Nišu	Dušan Sokolović
3.	Zajednička istraživanja i uticaja jonizujućeg i UV zračenja u oblasti medicine i zaštite životne sredine	Čedomir Maluckov (6)	III 43011	Elektronski fakultet u Nišu	Goran Ristić
4.	Magmatizam i geodinamika Balkanskog poluostrva od mezozoika do danas: značaj za obrazovanje metaličnih i nemetalčnih rudnih ležišta	Miodrag Banješević (6)	OI 176016	Rudarsko-geološki fakultet u Beogradu	Vladica Cvetković
5.	Virtuelni koštano zglobni sistem čoveka i njegova primena u predkliničkoj i kliničkoj praksi	Dejan Tanikić (6)	III 41017	Mašinski fakultet u Nišu	Miroslav Trajanović
6.	Minerali Srbije: sastav, struktura, geneza, primena i doprinos održanju životne sredine	Mira Cocić (8)	OI 176010	Rudarsko-geološki fakultet u Beogradu	Mihovil Logar
7.	Nov pristup dizajniranju materijala za konverziju i skladištenje energije	Mirjana Rajčić – Vujasinović, Zoran Stević (8), Vesna Grekulović (2)	OI 172060	Institut za hemiju, tehnologiju i metalurgiju u Beogradu	Vladimir Panić

8.	Razvoj i primena distribuiranog sistema nadzora i upravljanja potrošnjom električne energije kod velikih potrošača	Darko Brodić, Vladimir Despotović (4), Srba Mladenović (8)	TR 33037	Institut za rudarstvo i metalurgiju Bor	Viša Tasić
9.	Funkcionalna analiza, stohastička analiza i primene	Ivana Đolović (8), Ivana Stanišev (0)	OI 174007	Prirodno matematički fakultet u Nišu	Dragan Đorđević
10.	Razvoj naprednih materijala i tehnologija za multifunkcionalnu primenu zasnovanih na ekološkom znanju	Vladimir Despotović (4), Dejan Tanikić (2)	TR 34005	Institut za rudarstvo i metalurgiju Bor	Ana Kostov
11.	Razvoj tehnoloških procesa prerade nestandardnih koncentrata bakra u cilju optimizacije emisije zagađujućih materijala	Nada Štrbac (8), Ivan Mihajlović (8), Milovan Vuković (4), Dejan Bogdanović (8), Aleksandra Mitovski (8), Milica Arsić (8), Đorđe Nikolić (8), Ivan Jovanović (8), Isidora Milošević (8), Predrag Đorđević (8)	TR 34023	Tehnički fakultet u Boru	Nada Štrbac
12.	Razvoj novih i unapređenje postojećih tehnoloških postupaka proizvodnje tehničkih tekstilnih materijala	Snežana Urošević (4)	TR 34020	Tehnološki fakultet u Leskovcu	Dušan Trajković
13.	Neki aspekti rastvaranja metala i prirodnih minerala	Milan Antonijević (8), Snežana Milić (8), Grozanka Bogdanović (8), Mile Dimitrijević, Marija Petrović Mihajlović (0), Milan Radovanović (8), Ana Simonović (8), Maja Trumić (8), Žaklina Tasić (8), Maja Nujkić (8)	OI 172031	Tehnički fakultet u Boru	Milan Antonijević
14.	Razvoj novih inkapsulacionih i enzimskih tehnologija za proizvodnju biokatalizatora i biološko aktivnih supstanci hrane u cilju povećanja njene konkurentnosti, kvaliteta i bezbednosti	Snežana Šerbula (6), Nenad Vušović (2), Slađana Alagić (8), Snežana Urošević (4), Ana Radojević (6), Tanja Kalinović (6), Milan Gorgievski (4), Jelena Milosavljević (8), Jelena Kalinović (6)	III 46010	Tehnološko metalurški fakultet u Beogradu	Zorica Knezević-Jugović
15.	Implementacija savremenijih tehničko-tehnoloških i ekoloških rešenja u postojećim proizvodnim sistemima Rudnika bakra Bor i Rudnika bakra Majdanpek	Milan Trumić (8), Jovica Sokolović (4), Zoran Štirbanović (4)	TR 33007	Institut za tehnologiju nuklearnih i drugih mineralnih sirovina Beograd	Vladan Milošević

16.	Savremeni višekomponentni metalni sistemi i nanostrukturni materijali sa različitim funkcionalnim svojstvima	Dragan Manasijević (8), Ljubiša Balanović (8), Uroš Stamenković (8)	OI 172037	Tehnički fakultet u Boru	Dragan Manasijević
17.	Dinamika hibridnih sistema	Jelena Đoković (8), Saša Kalinović (8)	OI 174001	Matematički institut SANU Beograd	Katica Stevanović Hedrih
18.	Razvoj tehnologije proizvodnje Rd katalizatora-hvatača za smanjenje gubitaka platine u visoko temperaturnim procesima katalize	Saša Marjanović (4)	TR 34029	Institut za rudarstvo i metalurgiju Bor	Biserka Trumić
19.	Osvajanje proizvodnje livenih legura Cu-Au,Cu-Ag,Cu-Pt,Cu-Pd,Cu-Rh poboljšanih svojstava primenom mehanizma ojačavanja žarenjem	Desimir Marković, Dragoslav Gusković (8), Svetlana Ivanov (6), Ivana Marković (8), Saša Marjanović (4), Vesna Grekulović (6), Jasmina Petrović (8)	TR 34003	Tehnički fakultet u Boru	Ivana Marković
20.	Razvoj ekoloških i energetski efikasnijih tehnologija za proizvodnju obojenih i plemenitih metala kombinacijom bioluženja, solventne ekstrakcije i elektrolitičke rafinacije	Svetlana Ivanov (2)	TR 34004	Institut za rudarstvo i metalurgiju Bor	Vesna Conić
21.	Istraživanje i praćenje promena naponsko – deformacionog stanja u stenskom masivu „in situ“ oko podzemnih prostorija sa izradom modela sa posebnim osvrtnom na tunel Kriveljske reke i Jame Bor	Vitomir Milić (2)	TR 33021	Institut za rudarstvo i metalurgiju Bor	Milenko Ljubojev
22.	Problemi nelinearne analize, teorije operatora, topologije i primene	Darko Koccev (8)	OI 174025	Prirodno matematički fakultet u Nišu	Vladimir Rakočević
23.	Usavršavanje tehnologije eksploatacije i prerade rude bakra sa monitoringom životne i radne sredine u RTB Bor-Grupa	Radoje Pantović (8), Nenad Vušović (6), Vitomir Milić (6), Miodrag Žikić (8), Snežana Šerbula (2), Miodrag Banješević (2), Saša Stojadinović (8), Jovica Sokolović (4), Dejan Petrović (8), Ana Radojević (2), Tanja Kalinović (2), Jelena Kalinović	TR 33038	Tehnički fakultet u Boru	Nenad Vušović
24.	Održivost identiteta Srba i nacionalnih manjina u pograničnim opštinama istočne i jugoistočne Srbije	Milovan Vuković (4), Danijela Voza (8)	OI 179013	Mašinski fakultet u Nišu	Dragoljub Đorđević
25.	Razvoj tehnologije za reciklažu plemenitih, retkih i pratećih metala iz čvrstog otpada Srbije do visokokvalitetnih proizvoda	Milan Gorgievski (4)	TR 34024	Institut za rudarstvo i metalurgiju Bor	Silvana Dimitrijević
26.	Razvoj modela male hidroelektrane za izolovano napajanje ribnjaka, i mikromreže sa različitim obnovljivim izvorima energije	Milena Jevtić (8)	TR 33046	Fakultet tehničkih nauka Kosovska Mitrovica	Miroljub Jevtić

Prilog 4.

SPISAK MEĐUNARODNIH PROJEKATA NA KOJIMA SU 2018. GODINE UČESTVOVALI ISTRAŽIVAČI SA TEHNIČKOG FAKULTETA U BORU

1. JST SATREPS project: Research on the Integration System of Spatial Environment Analyses and Advanced Metal Recovery to Ensure Sustainable Resource Development, 2014.-2019.

Institucije učesnice na projektu: Center for Geo-environmental Science (CGES), Akita University; International Center for Research and Education on Mineral and Energy Resources (ICREMER), Akita University; Faculty of International Resource Science; Graduate School of Engineering and Resources Science, Akita University; Japan Space Systems (J-spacesystems) i Mitsui Mineral Development Engineering Co., Ltd. (MINDECO) (Japan) i Institut za rudarstvo i metalurgiju Bor, Tehnički fakultet u Boru Univerziteta u Beogradu, Ministarstvo rudarstva i energetike Republike Srbije i Ministarstvo poljoprivrede i zaštite životne sredine Republike Srbije (Srbija)

Rukovodilac projekta: prof. dr Daizo Ishiyama (Japan)

Saradnici sa Tehničkog Fakulteta u Boru: prof. dr Nada Štrbac, prof. dr Grozdanka Bogdanović, prof. dr Milan Antonijević, prof. dr Dejan Tanikić, prof. dr Milan Trumić, prof. dr Snežana Milić, prof. dr Milan Radovanović, prof. dr Jovica Sokolović, prof. dr Saša Stojadinović, prof. dr Ljubiša Balanović, prof. dr Vesna Grekulović, prof. dr Marija Petrović Mihajlović, doc. dr Milan Gorgijevski, doc. dr Aleksandra Mitovski, doc. dr Tanja Kalinović, doc. dr Maja Trumić, doc. dr Ana Radojević, doc. dr Žaklina Tasić i ass. Boban Spalović.

Vrsta projekta: Internacionalni istraživački projekat

2. Istraživački projekat Hrvatske zaklade za znanost: Dizajniranje mikrostrukture i funkcionalnih svojstava legura s prisjetljivosti oblika na bazi bakra, 2015.-2019.

Institucije učesnice na projektu: Metalurški fakultet u Sisku Sveučilišta u Zagrebu (Hrvatska), Kemijsko-tehnološki fakultet Split Sveučilišta u Splitu (Hrvatska), Fakultet za strojništvo (Institut za tehnologiju materialov) Univerze v Mariboru (Slovenija), Naravoslovno-tehniška fakulteta Univerze v Ljubljani (Slovenija), Tehnički fakultet u Boru Univerziteta u Beogradu (Srbija), i Fakultet za metalurgiju i materijale Univerziteta u Zenici (Bosna i Hercegovina).

Rukovodilac projekta: prof. dr Mirko Gojić (Hrvatska)

Saradnici na projektu: prof. dr Ladislav Vrsalović (KTF Split), prof. dr Borut Kosec (NTF Ljubljana), prof. dr Ivan Anžel (FS-ITM Maribor), prof. dr Dragan Manasijević (TF

Bor), prof. dr Stjepan Kožuh, prof. dr Robert Pezer, doc. dr Tamara Holjevac Grgurić (MF Sisak).

Vrsta projekta: Internacionalni istraživački projekat

3. Program naučne i tehnološke saradnje Srbije i Crne Gore: Ispitivanje termičkih, strukturnih i mehaničkih visokolegiranih alatnih čelika, 2016.-2018.

Institucije učesnice na projektu: Tehnički fakultet u Boru Univerziteta u Beogradu (Srbija), Metalurško-tehnološki fakultet u Podgorici Univerziteta Crne Gore (Crna Gora).

Rukovodioci projekta: prof. dr Nada Štrbac (Srbija) i prof. dr Žarko Radović (Crna Gora).
Saradnici sa Tehničkog Fakulteta u Boru: prof. dr Nada Štrbac, prof. dr Dragan Manasijević, doc. dr Ljubiša Balanović, doc. dr Aleksandra Mitovski i doc. dr Milan Gorgievski.

Vrsta projekta: Bilateralni istraživački projekat

4. Program bilateralne saradnje Srbije i Slovačke: Obrada signala primenom modela frakcionog reda, 2017.-2018.

Institucije učesnice na projektu: Tehnički fakultet u Boru Univerziteta u Beogradu (Srbija) i Fakultet rudarstva, ekologije, kontrole procesa i geotehnologije Tehničkog univerziteta u Košicama (Slovačka).

Rukovodioci projekta: doc. dr Vladimir Despotović (Srbija) i Tomaš Škovranek, naučni saradnik (Slovačka).

Saradnici sa Tehničkog Fakulteta u Boru: doc. dr Vladimir Despotović

Vrsta projekta: Bilateralni istraživački projekat

5. Projekat mobilnosti studenata, nastavnog i nenastavnog osoblja u okviru programa "ERASMUS +" ključne akcije 1 mobilnost studenata, nastavnog i nenastavnog osoblja: Key Action 1-Mobility for learners and Staff Mobility– Higher Education Student and Staff Mobility", 2015.-2018.

Institucije učesnice na projektu: Tehnički fakultet u Boru Univerziteta u Beogradu (Srbija) i Obuda University Budapest, Keleti Faculty of Business and Management, Budimpešta (Mađarska).

Rukovodioci projekta: dr Marosi Ildiko (Mađarska) i prof. dr Ivan Mihajlović (Srbija)

Saradnici sa Tehničkog Fakulteta u Boru: prof. dr Ivan Mihajlović, doc. dr Predrag Đorđević, prof. dr Đorđe Nikolić, prof. dr Ivana Đolović, doc. dr Aleksandra Fedajev, doc. Dr Milica Arsić, prof. dr Isidora Milošević, doc. dr Danijela Voza, Violeta Stojanović, Milica Niculović

Vrsta projekta: Projekat mobilnosti studenata, nastavnog i nenastavnog osoblja

6. **Projekat mobilnosti studenata, nastavnog i nenastavnog osoblja u okviru programa "ERASMUS +" ključne akcije 1 mobilnost studenata, nastavnog i nenastavnog osoblja: Key Action 1-Mobility for learners and Staff Mobility– Higher Education Student and Staff Mobility", 2017.-2019.**

Institucije učesnice na projektu: Tehnički fakultet u Boru Univerziteta u Beogradu (Srbija) i Transylvania University in Brasov (Rumunija).

Rukovodioci projekta: dr Luminita Parv (Rumunija) i prof. dr Ivan Mihajlović (Srbija)

Saradnici sa Tehničkog Fakulteta u Boru: prof. dr Ivan Mihajlović, Enisa Nikolić, Milica Niculović

Vrsta projekta: Projekat mobilnosti studenata, nastavnog i nenastavnog osoblja

7. **Projekat mobilnosti studenata, nastavnog i nenastavnog osoblja u okviru programa "ERASMUS +" ključne akcije 1 mobilnost studenata, nastavnog i nenastavnog osoblja: Key Action 1-Mobility for learners and Staff Mobility– Higher Education Student and Staff Mobility", 2016.-2020.**

Institucije učesnice na projektu: Tehnički fakultet u Boru Univerziteta u Beogradu (Srbija) i Joensuu Campus, School of Forest Sciences University of Eastern Finland (Finska)

Rukovodioci projekta: prof. Jyrki Kangas, mr. Markku Ropo i ms. Kirsi Karjaanen, University of Eastern Finland (Finska) i prof. dr Ivan Mihajlović (TF Bor)

Saradnici sa Tehničkog Fakulteta u Boru: prof. dr Ivan Mihajlović, prof. dr Đorđe Nikolić

Vrsta projekta: Projekat mobilnosti studenata, nastavnog i nenastavnog osoblja

8. **International VISEGRAD project, 21820267: How to prevent SMEs from failure (Actions based on comparative analysis in Visegrad countries and Serbia), 2018.-2019.**

Institucije učesnice na projektu: Tehnički fakultet u Boru Univerziteta u Beogradu (Srbija), University of Ss. Cyril and Methodius in Trnava (Slovačka), Keleti Faculty of Business and Management Óbuda University (Mađarska), Tomas Bata University in Zlin (Republika Češka) i The Managers of Quality and Production Association (Poljska)

Rukovodilac projekta: prof. dr Ivan Mihajlović (Srbija)

Saradnici sa Tehničkog Fakulteta u Boru: prof. dr Ivan Mihajlović, prof. dr Isidora Milošević, Anđelka Stojanović, asistent.

Vrsta projekta: Internacionalni istraživački projekat

Prilog 5.

SPISAK PROJEKATA IZ OKVIRA SARADNJE SA PRIVREDOM NA KOJIMA SU 2018. GODINE UČESTVOVALI ISTRAŽIVAČI SA TEHNIČKOG FAKULTETA U BORU

Projekti, studije, elaborati

1. M. Žikić, R. Pantović, S. Stojadinović, D. Petrović, P. Stojković, Glavni rudarski projekat trajne obustave radova i zatvaranja rudnika na lokalitetu Velika Poljana kod Rgotine – grad Zaječar, 2018.
2. S. Mladenović, I. Marković, J. Petrović, Tehno-ekonomska analiza nove linije sinterovanja u kompaniji DOO Martenzit, 2018.
3. J. Sokolović, M. Žikić, R. Pantović, V. Milić, S. Stojadinović, D. Riznić, DRP postrojenja za proizvodnju filter antracita i studija izvodljivosti eksploatacije antracita i proizvodnje filter antracita u RA Vrška Čuka – Avramica, 2018.
4. V. Grekulović, Inoviranje postojećeg studijskog programa iz oblasti metalurškog inženjerstva, 2018./2019.
5. Z. Stević, D. Milenković, Razvoj i izrada prototipa visokotemperaturnog sistema za termički tretman materijala, 2018.
6. S. Stojadinović, M. Žikić, D. Petrović, J. Ivaz, M. Radovanović, P. Stojković, M. Voza, Elaborat o nultom stanju objekata u okolini radilišta na portalu istražnih niskopa, 2018.
7. S. Stojadinović, R. Pantović, M. Žikić, D. Petrović, J. Ivaz, M. Radovanović, P. Stojković, M. Voza, Projekat seizmičkog monitoringa miniranja na izradi niskopa prema Rudarskom projektu na istraživanju čvrstih mineralnih sirovina na hidrotermalnom Cu-Au sistemu Čukaru Peki, 2018.
8. R. Pantović, J. Ivaz, Izrada mesečnih izveštaja i Elaborata o analizi rezultata monitoringa seizmičkih efekata pri izvođenju miniranja na površinskom kopu „Veliki Krivelj“, 2018.
9. R. Pantović, J. Ivaz: Studija o rezultatima monitoringa seizmičkih efekata pri izvođenju miniranja na površinskom kopu "Južni Revir", 2018.

Tehničke kontrole projekata, veštačenja

1. V. Milić, J. Petrović, Tehnička kontrola „Tehničkog rudarskog projekta TS 10/0,4 kV, 400 kVA, „GP-1“ na koti 590 i priključnog 10 kV kablovskog voda na „Rudniku““, 2018.
2. S. Stojadinović, R. Pantović, M. Žikić, D. Petrović, J. Ivaz, M. Radovanović, P. Stojković, M. Voza, Praćenje reakcije objekata u okolini radilišta na portalu na vibracije tla usled miniranja i izrade Izveštaja povodom istog, 2018.
3. S. Stojadinović, R. Pantović, D. Petrović, Obrada i analiza rezultata merenja intenziteta vibracija tla i izrada mesečnih izveštaja, 2018.

Prilog 6.

OSTALE AKTIVNOSTI U OBLASTI NIR-A NA TEHNIČKOM FAKULTETU U BORU U 2018. GODINI

1. Izdavanje časopisa

TF Bor izdaje četiri naučna časopisa: *Journal of Mining and Metallurgy, Section A: Mining* (JMM-A); *Journal of Mining and Metallurgy, Section B: Metallurgy* (JMM-B) (štampa se od 1997. godine kao međunarodni časopis sa internacionalnim uređivačkim odborom), *Serbian Journal of Management* (SJM) (štampa se od 2006. godine kao međunarodni časopis) i *Reciklaža i održivi razvoj* (ROR) (štampa se od 2008. godine kao nacionalni časopis). Svi časopisi, finansirani su od strane MPNTR RS.

Podaci o aktuelnom pozicioniranju časopisa koje publikuje TF Bor tokom prethodne godine (prema http://kobson.nb.rs/nauka_u_srbiji/kategorizacija_casopisa_.33.html):

- **Journal of Mining and Metallurgy, Section A: Mining (JMM-A)**, svrstan je u kategoriju **M51** (prema kategorizaciji domaćih naučnih časopisa u oblasti energetike, rudarstva i energetske efikasnosti za 2018. godinu).
- **Journal of Mining and Metallurgy, Section B: Metallurgy (JMM-B)**, svrstan je u kategoriju **M22**, sa IF(2017)=1,400 i mesto 32/75 (prema kategorizaciji naučnih časopisa u oblasti Metallurgy & Metallurgical Engineering, za 2017. godinu), kao i petogodišnji IF=1,199 i mesto 35/75 u pomenutoj oblasti.
- **Serbian Journal of Management (SJM)**, svrstan je u kategoriju **M24** (prema kategorizaciji domaćih naučnih časopisa u oblasti ekonomije i organizacionih nauka za 2018. godinu).
- **Recycling and Sustainable Development (RSD)**, svrstan je u kategoriju **M51** (prema kategorizaciji domaćih naučnih časopisa u oblasti materijala i hemijskih tehnologija, domaćih naučnih časopisa za uređenje, zaštitu i korišćenje voda, zemljišta i vazduha kao i domaćih naučnih časopisa u oblasti energetike, rudarstva i energetske efikasnosti za 2018. godinu).

Od 2016. godine Tehnički fakultet izdaje i prvi studentski časopis “**Engineering Management**“.

2. Organizacija i suorganizacija naučnih skupova

- **XXVI International Conference Ecological Truth and Environmental Research (EcoTER 2018)**, Borsko jezero, Srbija, 12.-15. jun 2018. godine. Organizator je Univerzitet u Beogradu, Tehnički Fakultet u Boru a suorganizatori: Univerzitet u Banjoj Luci,

Tehnološki fakultet u Banjoj Luci, Univerzitet Crne Gore, Metalurško – tehnološki fakultet u Podgorici, Univerzitet u Zagrebu, Metalurški fakultet u Sisku, i Društvo mladih istraživača Bor. Skup je finansiran od strane MPNTR RS (predsednik organizacionog odbora je prof. dr S. Šerbula).

- **14th International May Conference on Strategic Management (MKSM 2018)**, Bor, 25.-27. maj 2018. godine. Organizator je Univerzitet u Beogradu, Tehnički Fakultet u Boru. Skup je finansiran od strane MPNTR RS (predsednik organizacionog odbora je doc. dr P. Djordjević).
- **50th International October Conference on Mining and Metallurgy (IOC 2018)**, Borsko jezero, 30. septembar - 03. oktobar 2018. godine. Organizator je Institut za rudarstvo i metalurgiju u Boru a suorganizator Univerzitet u Beogradu, Tehnički Fakultet u Boru (potpredsednik organizacionog odbora je prof. dr D. Tanikić).
- **8th International Symposium on Environmental and Materials Flow Management (EMFM 2018)**, Zenica, Bosna i Hercegovina, 14.-16. novembar 2018. godine. Organizator je Univerzitet u Zenici, Mašinski fakultet u Zenici, Bosna i Hercegovina, a suorganizatori: Univerzitet u Beogradu, Tehnički Fakultet u Boru i Trier University of Applied Sciences, Environmetal Campus in Birkenfeld, Germany (potpredsednik organizacionog odbora je prof. dr Đ. Nikolić).
- **XII Savjetovanje hemičara, tehnologa i ekologa RS**, Banja Vrućica, Teslić, Bosna i Hercegovina, 02.-03. novembar 2018. godine. Organizator je Univerzitet u Banjoj Luci, Tehnološki fakultet u Banjoj Luci, Bosna i Hercegovina a suorganizator Univerzitet u Beogradu, Tehnički Fakultet u Boru.

U okviru skupa **MKSM 2018** organizovan je studentski simpozijum: **14. Studentski simpozijum o stratezijskom menadžmentu** (predsednik organizacionog odbora je MSc I. Nikolić). U okviru skupa **EcoTER 2018** organizovana je i studentska sekcija.

3. Potpisani sporazumi o bilateralnoj saradnji sa fakultetima i institucijama iz inostranstva

- Chemical Department, Buryat State University from Ulan-Ude, Russia
- China University of Petroleum, Beijing, China
- Ekonomski fakultet Univerziteta u Zenici, Bosna i Hercegovina
- Faculty of Business and Management, University of Ruse, Ruse, Bulgaria
- Faculty of Chemistry, University Paisii Hilendarski, Plovdiv, Bulgaria
- Faculty of Economic Sciences and Law, University of Pitesti, Romania
- Faculty of Economy, University of Tirana, Albania
- Faculty of Engineering and Management, University „Eftimie Murgu“, Resita, Romania
- Faculty of International Resource Sciences, Akita University, Japan
- Faculty of Mechanical and Safety Engineering, University OBUDAI, Budapest, Hungary
- Faculty of Mechanics and Technology, Rzeszow University of Technology, Poland

- Металуршки факултет у Сиску, Свеучилишта у Загребу, Хрватска
- Faculty of Metallurgy, Technical University of Košice, Slovakia
- Faculty of Mines, University of Mining and Geology „St. Ivan Rilski“, Sofia, Bulgaria
- Faculty of natural and technical sciences, University „Goce Delčev“ of Štip, Macedonia
- Faculty of Science and Forestry of the University of Eastern Finland, Joensuu and Kuopio, Finland
- Faculty of Technological Engineering and Industrial Management, Transilvania University of Brasov, Romania
- Fakulta socialnych vied, Univerzita sv. Cyrila a Metoda v Trnave, Slovakia
- Institut za crnu metalurgiju a.d. – Nikšić, Crna Gora
- Institute of Geotechnics of Slovak Academy of Sciences, Slovakia
- Metalurško – tehnološki fakultet u Podgorici, Univerziteta Crne Gore, Crna Gora
- Metalurško – tehnološki fakultet Univerziteta u Zenici, Bosna i Hercegovina
- Mineral Deposit Research Unit at the University of British Columbia, Canada
- Physico-Technical Department, Buryat State University from Ulan-Ude, Russia
- Rudarski fakultet u Prijedoru, Univerziteta u Banja Luci, RS - Bosna i Hercegovina
- Rudarsko geološko-građevinski fakultet, Univerziteta u Tuzli, Bosna i Hercegovina
- Saobraćajni fakultet u Doboju, Univerziteta u Istočnom Sarajevu, RS – Bosna i Hercegovina
- Tehnološki fakultet u Banjoj Luci, Univerziteta u Banja Luci, RS - Bosna i Hercegovina
- Tehnološki fakultet u Zvorniku, Univerziteta u Istočnom Sarajevu, RS - Bosna i Hercegovina
- The Faculty of Electronics of National Technical University of Ukraine „Kiev Polytechnic Institute“, Ukraine
- The Federal State Budgetary Educational Institution of Higher Education „The Russian Presidential Academy of National Economy and Public Administration – RANEPA“, Russia
- University American College Skopje, Macedonia
- University of Chemical Technology and Metallurgy, Sofia, Bulgaria
- Univerzitet „Sv. Kiril i Metodij“, Tehnološko metalurški fakultet, Skopje, Makedonija
- West University of Timisoara, Faculty of economics and business administration, Romania

4. Potpisani sporazumi o bilateralnoj saradnji sa fakultetima i institucijama iz Srbije

- Fakultet tehničkih nauka u Kosovskoj Mitrovici, Univerziteta u Prištini
- Fakultet tehničkih nauka u Novom Sadu, Univerziteta u Novom Sadu
- Fakultet za hotelijerstvo i turizam u Vrnjačkoj banji, Univerziteta u Kragujevcu
- Institut za hemiju, tehnologiju i metalurgiju u Beogradu, Univerziteta u Beogradu
- Institut za nuklearne nauke „Vinča“, Univerziteta u Beogradu
- Institut za rudarstvo i metalurgiju u Boru
- Institut za tehnologiju nuklearnih i drugih mineralnih sirovina, Beograd
- Istraživačko-razvojni institut Lola, Beograd
- Mašinski fakultet u Nišu, Univerzitet u Nišu, Niš
- Rudarsko geološki fakultet u Beogradu, Univerziteta u Beogradu
- Tehnološki fakultet u Novom Sadu, Univerziteta u Novom Sadu
- Tehnološki fakultet u Leskovcu, Univerziteta u Nišu
- Tehnološko – metalurški fakultet u Beogradu, Univerziteta u Beogradu

5. Učešće u akademskim i drugim mrežama; Mobilnost studenata i nastavnog kadra

a. Associated Phase Diagram and Thermodynamics Committee

Još od 1999. godine, nastavnici i saradnici TF Bor aktivno učestvuju u radu ove naučne organizacije, koja okuplja naučnike iz oblasti termodinamike i proračuna faznih dijagrama. Pored naših naučnika, u ovom komitetu su i kolege iz Poljske (AGH Krakov, Institut za proučavanje materijala pri Poljskoj akademiji nauka Krakov), Češke (Masarikov Univerzitet Brno i Institut za fiziku iz Brna), Slovačke (Fakultet za metalurgiju i materijale iz Košica), Mađarske (Metalurški fakultet Univerziteta u Miškolcu), Rumunije (Institut za fizičku hemiju Bukurešt), Bugarske (Departman za hemiju Univerziteta u Plovdivu), Slovenije (NTF Ljubljana), Hrvatske (Metalurški fakultet Sisak), BiH (Fakultet za metalurgiju i materijale Zenica).

b. Resita Network on Entrepreneurship and Innovation

Od 2008. godine, Tehnički fakultet u Boru je, kao predstavnik Univerziteta u Beogradu, član Resita Network on Entrepreneurship and Innovation, u čijem sastavu su i sledeći univerziteti: University of applied sciences Wormes, Germany; University of Trier, Germany; University of Salzburg, Austria; GEA College Ljubljana, Slovenia; University of Zenica, BiH; University Eftimie Murgu Resita, Romania; University of Rousse, Bulgaria; University of Bucharest, Romania; University of Montenegro Podgorica, Montenegro; Politechnical University Timisoara, Romania; Open American College Skopje, Macedonia, University of Tirana, Albania. Iako je projekat DAAD, u okviru koga je formirana ova mreža okončan, mreža i dalje funkcioniše u smislu zajedničkih istraživačkih projekata. Tokom 2018. godine su aktivna dva istraživačka projekta, koja su započela 2016. i još uvek traju u okviru ove mreže, na kojima je koordinator Tehnički fakultet u Boru:

- Corporate Social Responsibility (CSR). Detalji o ovom istraživačkom projektu su dostupni na: <http://bussol4you.blogspot.com/2016/10/corporate-social-responsibility.html>
- Failure and Recovery of Small and Medium Sized Enterprises (SMEs). Detalji o ovom istraživačkom projektu su dostupni na: <http://bussol4you.blogspot.com/2016/10/failure-and-recovery-of-small-and.html>

Takođe, aktivan je i jedan projekat, na kojem je koordinator Univerzitet Angel Kuntchev, Ruse, Bugarska:

- The intergenerational family businesses as a stress management instrument for entrepreneurs. Detalji o ovom istraživačkom projektu su dostupni na: <http://intergen-theory.eu/index.html>

c. MET-NET mreža

Od 2008. godine, TF Bor je član MET-NET mreže metalurških fakulteta, čije su članice svi metalurški fakulteti iz regiona – Slovenije, Hrvatske, BiH, Crne Gore, Makedonije, Slovačke, a očekuje se i širenje mreže članovima iz Poljske, Grčke, Bugarske, Rumunije, Turske, Albanije.

d. EURAXESS Services mreža

Potpisivanjem Deklaracije o privrženosti EURAXESS Service mreži i Deklaracije o privrženosti održavanju EURAXESS Jobs portal-a, TF Bor je od 2010. godine deo Nacionalne EURAXESS mreže (www.euraxess.rs) koja brine o mobilnosti istraživača i time se priključila evropskom istraživačkom prostoru.

e. Nacionalna mreža tehnoloških brokera

U okviru EU programa integrisane podrške inovacijama, razvijena je nacionalna mreža tehnoloških brokera, sa ciljem daljeg unapređenja podrške MSP Sektoru. TF Bor je od 2013. godine deo ove nacionalne mreže, koju čini 11 fakulteta i naučno-istraživačkih institucija iz Srbije.

f. Mobilnost studenata u okviru programa "ERASMUS +" ključne akcije 1- mobilnost studenata, nastavnog i nenastavnog osoblja

Studenti osnovnih i master akademskih studija Odseka za menadžment Tehničkog fakulteta u Boru: Maja Stanujkić, Maja Veljković, Jelena Zdravković i Nikola Spasić, boravili su u okviru ostvarivanja dela studijskog programa (prolećni semestar 2017./2018. godine) na Keleti Faculty of Business and Management Óbuda University (Mađarska).

g. Aktivnosti i mobilnost u okviru međunarodnog projekta JST SATREPS (Japan)

U okviru projekta JST SATREPS (Research on the Integration System of Spatial Environment Analyses and Advanced Metal Recovery to Ensure Sustainable Resource Development), koji Tehnički Fakultet Bor realizuje zajedno sa Institutom za Rudarstvo i Metalurgiju Bor i Faculty of International Resource Sciences, Akita Univerziteta iz Japana, realizovana je poseta nastavnika i studenata iz Japana Tehničkom fakultetu u Boru. Tokom druge polovine avgusta 2018. godine izvedena su zajednička terenska istraživanja u oblasti zaštite životne sredine, pri čemu su uglavnom tretirana zagađena područja Bora i Majdanpeka.

6. Promocija i popularizacija nauke

Kao i ranijih godina, tokom 2018. godine, Tehnički Fakultet u Boru je nastavio sa tradicionalnim aktivnostima u okviru promocije i popularizacije nauke.

- Prvi međunarodni festival nauke Timočki naučni tornado organizovan je 12. maja 2018. godine u Vidinu. Pored škola iz Vidina (Bugarska) i Kalafata (Rumunija) učestvovala su i obrazovne institucije iz Bora, Zaječara i Knjaževca. Organizatori manifestacije su: Društvo mladih istraživača Bor, Tehnički fakultet u Boru, Učesnici sa fakulteta bili su: Jovica Sokolović, i studenti Rudarskog odseka.
- Borska Noć istraživača – BONIS 2018 je održana u Boru, na gradskom šetalištu, 28. 09. 2018. godine. Organizatori manifestacije su: Društvo mladih istraživača Bor, Tehnički fakultet u Boru, U.G. „Vilaž“ Bor i O.Š. „3. oktobar“ Bor. Učesnici sa fakulteta bili su: Vesna Grekulović, Aleksandra Mitovski, Milan Gorgievski, Ljubiša Balanović, Kristina Božinović, Milica Bošković i studenti sa Odseka za metaluško i tehnološko inženjerstvo.

- Festival nauke TNT Bor 2018 održan je u prostorijama O.Š. „3. oktobar“ Bor, 03. 11. 2018. Organizatori festivala su: Društvo mladih istraživača Bor, Tehnički fakultet u Boru, U.G. „Vilaž“ Bor i O.Š. „3. oktobar“ Bor. Učesnici sa fakulteta bili su: Vesna Grekulović, Aleksandra Mitovski, Milan Gorgievski, Ljubiša Balanović, Kristina Božinović, Milica Bošković, Ivan Đorđević, Dragana Medić i studenti sa Odseka za metaluško i tehnološko inženjerstvo.
- Festival nauke TNT Negotin 2018 održan je u prostorijama O.Š. „Vuk Karadžić“ u Negotinu 22. 12. 2018. Organizatori festivala su: Društvo mladih istraživača Bor, Tehnički fakultet u Boru, U.G. „Vilaž“ Bor i O.Š. „3. oktobar“ Bor. Učesnici sa fakulteta bili su: Kristina Božinović, Anđelka Stojanović i studenti sa Odseka za metalurško inženjerstvo.

U okviru proslave Dana studenata Univerziteta u Beogradu (4. april 2018. godine) na Tehničkom fakultetu je održana manifestacija „Dan otvorenih vrata“, sa ciljem upoznavanja budućih bruoša sa mogućnostima studiranja na Tehničkom Fakultetu u Boru.

7. Učešće Tehničkog fakulteta u Boru na sajmovima

Tehnički Fakultet u Boru je u 2018. godini imao zapaženo učešće na četiri sajma, i to:

- Prvi Sajam obrazovanja Univerziteta u Beogradu, Beograd, 27.-28. januar 2018. god.
- 11. Sajam obrazovanja i stipendija „Moja karijera, moj izbor“, Niš, 17.-18. april 2018. god.
- 62. Međunarodni sajam tehnike i tehničkih dostignuća u Beogradu, 21.-25. maj 2018. god.
- 49. Sajam obrazovanja i nastavnih sredstava „Obrazovana Srbija, uspešna Srbija“, Beograd, 24.-28. oktobra 2018. godine

8. Studijski boravci ili posete univerzitetima iz inostranstva

April 2018. god.

- Prof. dr Dragan Manasijević i doc. dr Ljubiša Balanović boravili su u Bosni i Hercegovini (učešće na internacionalnoj konferenciji)
- Prof. dr Ivan Mihajlović, prof. dr Isidora Milošević i doc. dr Danijela Voza boravili su u Mađarskoj (Erasmus+ projekat)
- Prof. dr Đorđe Nikolić i doc. dr Sanela Arsić boravili su u Rumuniji (dogovor u vezi potencijalnog IPA projekta)
- Doc. dr Aleksandra Fedajev boravila je u Rusiji (učešće na internacionalnoj konferenciji)

Maj 2018. god.

- Prof. dr Dragan Manasijević i doc. dr Ljubiša Balanović boravili su u Hrvatskoj (bilateralna saradnja sa Hrvatskom)
- Prof. dr Dejan Tanikić, doc. dr Ljubiša Balanović i grupa studenata sa Metalurškog odseka: Dalibor Jović, Milan Bejić, Nemanja Marić, Duško Rašković, Dejan Rašković, Marko-

Daniel Dujkić, Marko Banković i Stefan Nikorić boravili su u Poljskoj (obilazak Fakulteta za mehaniku i tehnologiju, Tehnološkog univerziteta Rzeszov u Stalowa Wola, obilazak industrijske zone grada i učešće na turniru u malom fudbalu)

- Prof. dr Jovica Sokolović boravio je u Bugarskoj (međunarodni TNT karavan)
- Doc. dr Milica Arsić boravila je u Slovačkoj (Erasmus+ projekat)

Jun 2018. god.

- Prof. dr Dragan Manasijević boravio je u Crnoj Gori (bilateralna saradnja sa Crnom Gorom)
- Prof. dr Ivana Đolović boravila je u Grčkoj (učešće na internacionalnoj konferenciji)

Jul 2017. god.

- Asistenti Jelena Ivaz i Ivica Nikolić boravili su u Poljskoj zbog pohađanja letnje škole u okviru CEEPUS projekta

Septembar 2018. god.

- Doc. dr Ljubiša Balanović, doc. dr Milan Gorgievski, doc. dr Aleksandra Mitovski, asistent Kristina Božinović i student Miljan Marković učestvovali su na stručnom seminaru u oblasti crne metalurgije u organizaciji Hebei Universtiy of Economics and Business (Shijiazhuang, Kina) pod nazivom: „Seminar on Equipment Maintenance and Practice of International Production Capacity Cooperation for Serbia 2018“. Seminar i obuka su realizovani u okviru projekta finansiranih od strane Ministarstva trgovine Narodne Republike Kine, u periodu 06.-26. septembra 2018. godine

- Doc. dr Predrag Đorđević boravio je u Rusiji (učešće na internacionalnoj konferenciji)

Oktober 2018. god.

- Prof. dr Dejan Tanikić boravio je u SAD (učešće na internacionalnoj konferenciji)
- Prof. dr Nenad Vušović boravio je u Nemačkoj (učešće na internacionalnoj konferenciji)
- Enisa Nikolić, predavač engleskog jezika, boravila je u Rumuniji (Erasmus+ projekat)
- Prof. dr Ivan Mihajlović, prof. dr Isidora Milošević i MSc Anđelka Stojanović boravili su u Češkoj republici (Višegrad projekat)
- Prof. dr Snežana Šerbula boravila je u Turskoj (učešće na internacionalnoj konferenciji)

Novembar 2018. god.

- Prof. dr Nada Štrbac i prof. dr Snežana Urošević boravile su u Bosni i Hercegovini (učešće na internacionalnoj konferenciji)
- Prof. dr Snežana Šerbula, prof. dr Đorđe Nikolić i doc. dr Sanela Arsić boravili su u Bosni i Hercegovini (suorganizacija EMFM 2018)
- Prof. dr Ivan Mihajlović boravio je u Mađarskoj (Višegrad projekat)

- Prof. dr Milan Trumić, prof. dr Grozdanka Bogdanović, doc. dr Maja Trumić i asistenti Vladimir Nikolić i Katarina Balanović boravili su u Mađarskoj (učešće na internacionalnoj konferenciji)

Decembar 2018. god.

- Prof. dr Radoje Pantović i prof. dr Snežana Šerbula boravili su Hrvatskoj (prisustvovanje svečanom obeležavanju dana Metalurškog fakulteta u Sisku, Univerziteta u Zagrebu)
- Doc. dr Aleksandra Mitovski boravila je u Bosni i Hercegovini (prisustvovanje 12. sednici ZTMF i dogovora u vezi organizacije „Tehnologijade“)
- Prof. dr Nada Štrbac i prof. dr Radoje Pantović boravili su u Bosni i Hercegovini (prisustvovanje svečanom obeležavanju dana Rudarsko-geološko-građevinskog fakulteta Univerziteta u Tuzli)

9. Studijski boravci ili posete sa drugih univerziteta iz inostranstva

Januar 2018. god.

- Mađarska delegacija (ERASMUS+ projekat). Velencei Jolan i Reicher Regina Zsuzanna sa Obuda Univerziteta u Mađarskoj posetili su fakultet i tom prilikom održali predavanja za doktorante sa Tehničkog fakulteta u Boru.

Maj 2018.

- Doc. dr Hesam Dehghani, sa Hamedan University of Technology iz Irana posetio je TF Bor i održao predavanje na Majskoj konferenciji o stratezijskom menadžmentu 2018.
- Predstavnici firme HBIS GROUP Serbia Iron & Steel d.o.o. posetili su TF Bor, i održali predavanje studentima i nastavnom osoblju fakuteta.
- Predstavnici firme NODULAR d.o.o. prezentovali su svoju firmu na TF Bor.
- Prof. Daizo Ishiyama i prof. Atsushi Shibayama sa Akita Univerziteta u Japanu posetili su TF Bor i održali kurs studentima osnovnih i master studija.

Jun 2018.

- Prof. Gheorge Oancea sa Univerziteta u Brašovu, Rumunija boravio je u Boru i održao više predavanja u okviru ERASMUS+ projekta.

Avgust 2018.

- Japanska delegacija (SATREPS projekat)
 - 15. 08. 2018. godine predavanja organizovana za članove SATREPS projekta na TF Bor i poseta RTB-u Bor
 - 16. 08. 2018. godine sastanak sa timom SATREPS projekta, na čelu sa Prof. dr Daizo Ishiyama u Boru, predavanja na TF Bor
 - 28. 08. 2018. godine prezentacije studenata i članova SATREPS projekta u IRM u Boru

10. Prezentacije, predavanja i nagrade

- Delegacija Ministarstva prosvete, nauke i tehnološkog razvoja koju čine: državni sekretar Ana Milićević Langović, pomoćnik ministra Spomenka Simonić, šef kabineta Marko Popadić, PR ministarstva Daniela Marinković, na čelu sa ministrom Mladenom Šarčevićem, posetila je Tehnički fakultet u Boru dana 07. 02. 2018. godine. Tom prilikom su vođeni razgovori sa rukovodstvom i studentima fakulteta o budućim pravcima saradnje.
- 20. 02. 2018. godine, u organizaciji podružnice SHD u Boru organizovano je predavanje za članove podružnice, ali i za ostale zainteresovane studente na temu „Biosorpcija jona bakra iz vodenih rastvora korišćenjem stabiljika kukuruza kao adsorbensa“. Predavač je bio doc. dr Milan Gorgievski sa Tehničkog fakulteta u Boru.
- Studenti četvrte godine sa Odseka za menadžment, ostvarili su zapažen rezultat na nacionalnom IPMA šampionatu, marta 2018. godine, u upravljanju projektima plasiravši se u šest najboljih timova u Srbiji.
- 26. 04. 2018. godine, u organizaciji podružnice SHD Bor i Odseka za metalurško inženjerstvo organizovana je naučno – stručna ekskurzija do površinskog kopa Majdanpek i arheološkog lokaliteta Rudna Glava.
- Četvoro studenata osnovnih studija Odseka za metalurško inženjerstvo: Gabrijela Trailović, Milovan Mladenović, Miloš Vuleta i Darko Šišmanović, obavilo je stručnu obuku u Kompaniji „HBIS Group Serbia“ u Smederevu na inicijativu predstavnika ove kompanije u periodu 25. 07. – 25. 09. 2018. godine.
- Na Tehničkom fakultetu u Boru, 4. aprila 2018. godine organizovan je Dan otvorenih vrata. Posetioци su imali priliku da se upoznaju sa mogućnostima Tehničkog fakulteta u Boru koji je tog dana za sve zainteresovane otvorio svoje učionice, amfiteatar, biblioteku, službe i laboratorije. U sklopu datih aktivnosti, otvorena je izložba „Milutin Milanković – život i delo“ sa pratećim sadržajima, a organizator izložbe je Udruženje Milutin Milanković Beograd.
- Dana 14. aprila 2018. godine na Tehničkom fakultetu u Boru boravili su učenici i profesori srednjih škola iz Negotina (Poljoprivredna škola sa domom učenika „Rajko Bosnić“ i Tehnička škola Negotin).
- Prva manifestacija „Humanitarno, sportsko i poetsko druženje prosvetnih radnika Bora“, u kome je kao jedan od organizatora bio i Tehnički fakultet u Boru, realizovana je 16. 06. 2018. godine. Osnovni cilj projekta, pod sloganom „Borska prosveta za radost dečijeg sveta“, uključivao je okupljanje borskih prosvetnih radnika, od predškolskog do visokoškolskog nivoa, koji svoje delatnosti obavljaju u okviru Ministarstva prosvete, nauke i tehnološkog razvoja, sa idejom da se prosvetni radnici putem manifestacija ovog tipa, kroz druženje i sportske aktivnosti, umreže i prošire mogućnosti šire saradnje.
- Jun Zhao, generalni direktor i Vladan Mihailović, generalni menadžer primarne proizvodnje kompanije HBIS GROUP Serbia Iron & Steel d.o.o. Beograd održali su predavanje na Tehničkom fakultetu u Boru 29. maja 2018. godine pod nazivom: „Current stage of iron and

steel production in HBIS Serbia and plans for further development“. Predavanju u svečanoj sali Tehničkog fakulteta u Boru, održanom u organizaciji Tehničkog fakulteta u Boru i Podružnice Srpskog hemijskog društva Bor, prisustvovao je veliki broj studenata i nastavnika.

- Ministar prosvete, nauke i tehnološkog razvoja Mladen Šarčević uručio je 19. juna 2018. godine, u Rektoratu Univerziteta u Beogradu, najbolje rangiranim studentima Ugovore o stipendiranju doktorskih studija i njihovo uključivanje u naučno-istraživačke projekte, a jedan od njih je i Goran Babić sa Tehničkog fakulteta u Boru, koji je stipendiju za doktorske studije dobio za oblast: Uredjenje, zaštita i korišćenje voda, zemljišta i vazduha.
- Dana 15. i 16. avgusta 2018. godine, Tehnički fakultet u Boru bio je domaćin gostima sa Akita univerziteta iz Japana. U okviru SATREPS projekta gosti iz Japana posećuju Tehnički fakultet u Boru već treću godinu zaredom. Profesori i studenti iz Japana imali su priliku da, u društvu svojih kolega sa Tehničkog fakulteta u Boru, obiđu laboratorije i opremu Tehničkog fakulteta. Nakon obilaska, predavači sa ove dve visokoškolske ustanove održali su niz predavanja svojim kolegama i studentima. U narednim danima studenti sa Akita univerziteta imaju intenzivnu saradnju sa studentima Tehničkog fakulteta u Boru, u okviru terenskih istraživanja u Boru i okolini, kao i tokom analiza rezultata u Institutu za rudarstvo i metalurgiju u Boru.
- Dana 1. oktobra 2018. godine, na Tehničkom fakultetu u Boru, obeležen je početak nove školske godine tradicionalnom manifestacijom Open Day 2018. Svečanim činom, u prisustvu mnogobrojnih zvanica i ostalih gostiju, nastavnika, radnika i studenata fakulteta, promovisani su studenti koji su u prethodnoj školskoj godini stekli zvanja na osnovnim i master akademskim studijama.
- Dana 12. decembra 2018. godine, u zgradi Rektorata Univerziteta u Beogradu je realizovan program podrške maturantima „Pripremi se – upiši se“ sa događajem „Sati orijentacije“, a koji je namenjen učenicima četvrte godine iz domova učenika srednjih škola na teritoriji grada Beograda.
- Centar za razvoj karijere u saradnji sa Tehničkim fakultetom u Boru realizovao je tokom školske 2018./2019. godine onlajn kurs „Veštine upravljanja karijerom“. Kurs se uspešno realizuje od maja 2017. godine za studente Tehničkog fakulteta u Boru u okviru e-Learning sistema Univerziteta u Beogradu.