

(M20) RADOVI OBJAVLJENI U ČASOPISIMA MEĐUNARODNOG ZNAČAJA

M21a – Rad u međunarodnom časopisu izuzetnih vrednosti

D. Minić, D. Manasijević, V. Ćosović, N. Talijan, Ž. Živković, D. Živković, M. Premović, Experimental investigation and thermodynamic prediction of the Cu-Sb-Zn phase diagram, Journal of Alloys and Compounds, 517 (2012), pp. 31-39. [ISSN 0925-8388; Impact factor (IF) 2.390/2012; Field: Metallurgy & Metallurgical Engineering; DOI: 10.1016/j.jallcom.2011.11.130]

M21 – Rad u vrhunskom međunarodnom časopisu

D. Minić, M. Kolarević, D. Manasijević, A. Todorović, D. Živković, N. Talijan, Experimental investigation and thermodynamic calculations of the Ni–Sb–Zn phase diagram, Materials Chemistry and Physics, 132 (2-3)(2012), pp. 402-408. [ISSN 0254-0584; Impact factor (IF) 2.072/2012; Field: Materials Science, Multidisciplinary; DOI: 10.1016/j.matchemphys.2011.11.045]

V. Ćosović, N. Talijan, D. Živković, D. Minić, Ž. Živković, Comparison of properties of silver- metal oxide electrical contact materials, Journal of Mining and Metallurgy, Section B: Metallurgy, 48 (1)(2012), pp. 131-141. [ISSN 1450-5339; Impact factor (IF) 1.435/2012; Field: Metallurgy & Metallurgical Engineering; DOI: 10.2298/JMMB111101013C]

D. Minić, D. Manasijević, J. Đokić, N. Talijan, D. Živković, M. Premović, Phase transformations in the ternary Ag-Ga-Sb system, Materials Chemistry and Physics, 134 (2012), pp. 287– 293. [ISSN 0254-0584; Impact factor (IF) 2.072/2012; Field: Materials Science, Multidisciplinary; DOI: 10.1016/j.matchemphys.2012.02.067]

I. Katayama, S. Tanigawa, D. Živković, Y. Hattori, H. Yamashita, Newly developed EMF cell with zirconia solid electrolyte for measurement of low oxygen potentials in liquid Cu-Cr and Cu-Zr alloy, Journal of Mining and Metallurgy, Section B: Metallurgy, 48 (3)(2012), pp. 331-337. [ISSN 1450-5339; Impact factor (IF) 1.435/2012; Field: Metallurgy & Metallurgical Engineering; DOI: 10.2298/JMMB120827042K]

D. Živković, D. Manasijević, Lj. Balanović, D. Minić, V. Ćosović, A. Kostov, Ž. Živković, Phase relations in Bi-rich part of the Bi-Ga-Ni system, Journal of Mining and Metallurgy, Section B: Metallurgy, 48 (3)(2012), pp. 375-381. [ISSN 1450-5339; Impact factor (IF) 1.435/2012; Field: Metallurgy & Metallurgical Engineering; DOI: 10.2298/JMMB121024047Z]

M. Sokić, B. Marković, V. Matković, D. Živković, N. Šrbac, J. Stojanović, Kinetics and mechanism of sphalerite leaching by sodium nitrate in sulphuric acid solution, Journal of Mining and Metallurgy, Section B: Metallurgy, 48 (2)(2012), pp. 185-195. [ISSN 1450-5339; Impact factor (IF) 1.435/2012; Field: Metallurgy & Metallurgical Engineering; DOI: 10.2298/JMMB111130022S]

M. Niculović, D. Živković, D. Manasijević, N. Šrbac, Monitoring the effect of Internet use on students behavior Case study: Technical Faculty Bor, University of Belgrade, Educational Technology Research & Development (ETRD), 60 (3)(2012), pp. 547-559. [ISSN 1042-1629; Impact factor (IF) 1.155 /2012; Field: Education & Educational Research; DOI: 10.1007/s11423-012-9238-5]

V. Grekulović, M. Rajčić-Vujasinović, Electrochemical behaviour of AgCu alloy in alkaline medium in presence of chloride ions, Corrosion, 68 (2)(2012), pp. 025003-1-025003-8. [ISSN 0010-9312; Impact factor (IF) 1.772/2012; Field: Metallurgy & Metallurgical Engineering; DOI: 10.5006/1.3683225]

D. Živković, Y. Du, N. Talijan, A. Kostov, Lj. Balanović, Calculation of thermodynamic properties in liquid phase for ternary Al-Ni-Zn alloys, Transactions of Nonferrous Metals Society of China, 22 (12)(2012), pp. 3059–3065. [ISSN 1003-6326; Impact factor (IF) 1.010/2012; Field: Metallurgy & Metallurgical Engineering; DOI: 10.1016/S1003-6326(11)61571-9]

M22 – Rad u vodećem međunarodnom časopisu

V. Grekulović, M. Rajčić-Vujasinović, B. Pešić, Z. Stević, Influence of BTA on Electrochemical Behavior of AgCu50 Alloy, International Journal of Electrochemical Science, 7 (2012), pp. 5231 – 5245. [ISSN 1452-3981; Impact factor (IF) 3.729/2011; Field: Electrochemistry]

Lj. Balanović, D. Mansijević, D. Živković, A. Mitovski, N. Talijan, D. Minić, Ž. Živković, Experimental investigation and thermodynamic prediction of the Al-Ge-Zn phase diagram, Journal of Thermal Analysis and Calorimetry, 110(1)(2012), pp. 221-226. [ISSN 1388-6150; Impact factor (IF) 1.982/2012; Field: Chemistry, Analytical; DOI: 10.1007/s10973-012-2312-8]

D. Živković, Lj. Balanović, D. Manasijević, A. Mitovski, Ž. Živković, N. Kostić, Calorimetric study of Al-Ga system using Oelsen method, Thermochimica Acta, 544 (2012), pp. 6-9. [ISSN 0040-6031; Impact factor (IF) 1.989/2012; Field: Chemistry, Analytical; DOI: 10.1016/j.tca.2012.05.033]

V. Čosović, D. Minić, D. Manasijević, M. Kolarević, N. Talijan, D. Živković, Study of electrical conductivity and hardness of the alloys of ternary Bi–Sb–Zn system and calculation of isothermal section at 298K, Kovove Materialy (Metallic Materials), 50 (2012) 161-167. [ISSN 0023-432X; Impact factor (IF) 0.687/2012; Field: Metallurgy & Metallurgical Engineering; DOI: 10.4149/km-2012-3-161]

M23 – Rad u međunarodnom časopisu

D. Minić, M. Kolarević, D. Manasijević, V. Čosović, D. Živković, N. Talijan, M. Marković, Characterization of alloys and liquidus projections of ternary Bi–Sb–Sn system, High Temperature Materials and Processes, 31 (1)(2012), pp. 19-25. [ISSN 0334-6455; Impact factor (IF) 0.252 /2012; Field: Materials Science, Multidisciplinary]

L. Gomidželović, D. Živković, N. Talijan, V. Čosović, Lj. Balanović, Characterization of Au-Ga alloys with low gold content, Materials Testing, 54 (5)(2012), pp. 347-350. [ISSN 0025-5300; Impact factor (IF) 0.184/2012; Field: Materials Science, Characterization & Testing]

T. Žak, V. Čosović, A. Čosović, B. David, N. Talijan, D. Živković, Formation of magnetic microstructure of the nanosized NiFe₂O₄ synthesized via solid-state reaction, Science of Sintering, 44 (1)(2012), pp. 103-112. [ISSN 0350-820X; Impact factor (IF) 0.278/2012; Field: Metallurgy & Metallurgical Engineering; DOI: 0.2298/SOS1201103Z]

V. Čosović, A. Čosović, N. Talijan, D. Živković, Ž. Živković, State of the art and challenges in development of electrical contact materials in the light of the RoHS directive, Science of Sintering, 44 (2)(2012), pp. 245-253. [ISSN 0350-820X; Impact factor (IF) 0.278/2012; Field: Metallurgy & Metallurgical Engineering; DOI: 10.2298/SOS 1202135C]

D. Živković, Y. Du, Lj. Balanović, D. Manasijević, D. Minić, N. Talijan, Prediction of thermodynamic properties for liquid Al-Mg-Zn alloys, Materials and Technology, 46 (5)(2012), pp. 477-482. [ISSN 1580-2949; Impact factor (IF) 0.571/2012; Field: Materials Science, Multidisciplinary]

D. Živković, E. Begović, A. Kostov, S. Ekinović, Advanced Trends in Design of Lead-free Alternative for Traditional Free Machining Brasses, Journal of Environmental Protection and Ecology, 13 (3A)(2012), pp. 1914-1920. [ISSN 1311-5065; Impact factor (IF) 0.259/2012; Field: Environmental Sciences]

S. Ivanov, Lj. Ivanić, D. Gusković, S. Mladenović, Optimization of the aging regime of Al-based alloys, Hemijska industrija, 66 (4)(2012), pp. 601-607.
[ISSN 0367-598X; Impact factor (IF) 0.463/2012; Field: Engineering, Chemical; DOI: 10.2298/HEMIND111203012I]

S. Mladenović, D. Marković, Lj. Ivanić, S. Ivanov, D. Gusković, The microstructure and mechanical properties of as-cast Sn-Sb-Zn lead free solder alloys, Metalurgia International, 17 (4)(2012), pp. 34-38. [ISSN 1582-2214, Impact factor (IF) 0.134/2012; Field: Metallurgy & Metallurgical Engineering]

S. Mladenović, Lj. Ivanić, S. Marjanović, S. Ivanov, D. Gusković, Electrochemical and wetting behavior of as-cast Sn-Zn-Bi lead free solder alloys, Metalurgia International, 17 (7)(2012), pp. 125-129.
[ISSN 1582-2214, Impact factor (IF) 0.134/2012; Field: Metallurgy & Metallurgical Engineering]

S. Mladenović, Lj. Ivanić, S. Marjanović, S. Ivanov, D. Gusković, The rate of Fe and Pb elimination from molten copper by the use of different flux composition, Metalurgia International, 17 (9)(2012), pp. 38-41. [ISSN 1582-2214, Impact factor (IF) 0.134/2012; Field: Metallurgy & Metallurgical Engineering]

S. Mladenović, D. Marković, Lj. Ivanić, S. Ivanov, Z. Aćimović-Pavlović, The microstructure and properties of as-cast Sn-Zn-Bi solder alloys, Hemijska industrija, 66 (4)(2012), pp. 595-600. [ISSN 0367-598X; Impact factor (IF) 0.463/2012; Field: Engineering, Chemical; DOI: 10.2298/HEMIND111219015M]

M 27 - Uređivanje istaknutog međunarodnog naučnog časopisa na godišnjem nivou (gost urednik)

Guest-Editors: W. Zakulski, D. Živković in *Journal of Mining and Metallurgy, Section B: Metallurgy*, 48 (3) B (2012) 325-489.

(ISSN 1450-5339)

IF(2011)=1.317 (JCR:14/75)

Link: <http://www.jmmab.com/index.php/contents/vol-48-3-b-2012>

M28 – Uređivanje međunarodnog naučnog časopisa

Editor-in-Chief: D. Živković - *Journal of Mining and Metallurgy, Section B: Metallurgy* (ISSN 1450-5339)

IF(2011)=1.317 (JCR:14/75)

Link: <http://www.jmmab.com/index.php/editors>

(M50) RADOVI OBJAVLJENI U ČASOPISIMA NACIONALNOG ZNAČAJA

Kategorija M51 – Rad u vodećem časopisu nacionalnog značaja

N. Talijan, V. Ćosović, A. Ćosović, D. Živković, Processing and Properties of Silver-Metal Oxide Electrical Contact Materials, *Metallurgical and Materials Engineering*, 18(4)(2012), pp. 259-272. [ISSN 2217-8961]

D. Živković, N. Šrbac, M. Sokić, V. Andrić, B. Anđelić, I. Jovanović, M. Jovičić, D. Nikolić, Physico-chemical characterization of archaeometallurgical findings from two localities near Bor (Serbia), *Metallurgical and Materials Engineering* 18 (2)(2012), pp. 159-164. [ISSN 2217-8961]

M. Sokić, I. Ilić, Z. Gulišija, N. Šrbac, Termodinamički aspekt mogućnosti reciklaže metaličnih sekundarnih sirovina, *Journal of Engineering and Processing Management (BiH)*, 4 (1)(2012), pp. 73-84. [ISSN 1840-4774]

D. Živković, A. Mitovski, Ž. Živković, Quantitative indicators of scientific and research work in knowledge management at high educational institutions – case study: University of Belgrade, Technical Faculty in Bor (Serbia), *Journal of Trends in the Development of Machinery and Associated Technology*, 16 (1) (2012), pp. 127-130. [ISSN 2303-4009]

S. Nestorović, D. Marković, Lj. Ivanić, S. Ivanov, Anneal Hardening Effect in a Cast CuAl4Zn4 Alloy Dependence on Thermomechanical Treatment, *Journal of Trends in the Development of Machinery and Associated Technology*, 16 (1) (2012) pp. 47-50. [ISSN 2303-4009]

I. Marković, S. Nestorović, D. Gusković, Lj. Ivanić, The Influence of Deformation Degree on the Anneal Hardening Effect in a Cast Cu-4at%Au Alloy, *Journal of Trends in the Development of Machinery and Associated Technology*, 16 (1)(2012), pp. 67-70. [ISSN 2303-4009]

S. Nestorović, I. Marković, D. Marković, Influence of Thermomechanical Treatment on the Properties of Sintered Cu-4at%Au Alloy, *Journal of Trends in the Development of Machinery and Associated Technology*, 16 (1) (2012), pp. 63-66. [ISSN 2303-4009]

S. Nestorović, I. Marković, Environmental Impact of Powder Metallurgy and its Advantages, *Ecologica*, 19 (65)(2012), pp. 25-29. [ISSN 0354-3285]

M. Rajčić-Vujasinović, Z. Stević, S. Bugarinović, Electrochemical Characteristics of Natural Mineral Covellite, *Open Journal of Metal*, 2 (2012), pp. 60-67. [ISSN 2164-2761]

V. Grekulović, M. Rajčić-Vujasinović, R. Grekulović, Adsorpcija amonijum jona i jona magnezijuma na prirodnom zeolitu, *Ecologica*, 65 (2012), pp. 56-59. [(ISSN 0354-3285)]

N. Šrbac, A. Mitovski, I. Mihajlović, M. Vuković, M. Sokić, V. Andrić, Mogućnosti prerade nestandardnih koncentrata bakra i zaštite životne sredine, *Ecologica*, 19 (67)(2012), pp. 375-379. [ISSN 0354-3285]

P. Ranisavljević, N. Šrbac, Lj. Takić, I. Mladenović-Ranisavljević, M. Mladenović, Ž. Živković, Strategije upravljanja u oblasti zaštite životne sredine, *Ecologica*, 19 (66)(2012), pp. 133-137. [ISSN 0354-3285]

A. Mitovski, M. Sokić, N. Šrbac, D. Živković, Lj. Balanović, Aktuelne metode dobijanja metala iz elektronskog otpada, *Ecologica* 19 (65)(2012), pp. 30-36. [ISSN 0354-3285]

N. Šrbac, I. Jevđić, M. Vuković, D. Živković, Z. Damnjanović, Značaj ekološkog obeležavanja proizvoda, *Ecologica*, 67 (19)(2012), pp. 491-496. [ISSN 0354-3285]

M52 – Rad u časopisu nacionalnog značaja

M. Mitovski, A. Mitovski, Mogućnost korišćenja sekundarne energije, nakon izgradnje "nove", topionice bakra, za proizvodnju električne i toplotne energije, *Tehnika RGM*, 63 (3)(2012), pp. 367-376. [ISSN 0040-2176]

S. Mladenović, Lj. Ivanić, S. Marjanović, S. Ivanov, D. Gusković, Ispitivanje strukturalnih i mehaničkih osobina legura sistema Cu-Al u livenom i termički obrađenom stanju, *Bakar* 37 (2)(2012), pp. 11-20. [ISSN 0353-0212]

D. Stanković, V. Conić, Z. Stanojević Šimšić, S. Ivanov, Z. Vaduvesković, V. Krstić, J. Petrović, Fizičko hemijske karakteristike piritnog i polimetaličnog koncentrata, *Ginduša i Tenka*, *Bakar* 37 (2)(2012), pp. 55-62. [ISSN 0353-0212]

Lj. Balanović, D. Živković, D. Manasijević, I. Marković, N. Talijan, V. Ćosović, B. Marjanović, Structural and mechanical properties of some aluminum-based binary alloys, *Bakar*, 37 (1)(2012), pp. 79-86. [ISSN 0353-0212]

M53 – Rad u naučnom časopisu

N. Štrbac, M. Vuković, D. Voza, M. Sokić – Održivi razvoj i zaštita životne sredine, Reciklaža i održivi razvoj, 5(1) (2012), pp. 18-29. [1820-7480]

(M40) NACIONALNE MONOGRAFIJE, TEMATSKI ZBORNICI NACIONALNOG ZNAČAJA**M41 – Istaknuta monografija nacionalnog značaja**

D. Minić, D. Manasijević, D. Živković, Definisanje trojnih dijagrama stanja sa antimonom, Fakultet tehničkih nauka, Kosovska Mitrovica, (SaTCIP d.o.o., Vrnjačka banja), 2012. ISBN 978-86-80893-41-9 COBISS.SR-ID 194049292

M42 – Monografija nacionalnog značaja

D. Minić, D. Manasijević, D. Živković, Definisanje trojnih dijagrama stanja sa antimonom, Fakultet tehničkih nauka, Kosovska Mitrovica, 2012. ISBN 978-86-80893-41-9 COBISS.SR-ID 194049292

(M30) ZBORNICI MEĐUNARODNIH NAUČNIH SKUPOVA**M32 – Predavanje po pozivu sa međunarodnog skupa štampano u izvodu**

D. Živković, Ž. Živković, K. Chou, Application of general solution model in estimating thermodynamic and other physical properties of multicomponent metal systems, 9th International Conference on Molten Slags, Fluxes and Salts - MOLTEN12, May 27-30, 2012, Beijing (China), Abstract Proceedings, p. 32.

M33 – Saopštenje sa međunarodnog naučnog skupa štampano u celini

B. Marković, D. Živković, D. Manasijević, N. Talijan, M. Sokić, V. Čosović, Investigation of phase equilibria and characterization of the alloys in the CuNi-Bi section of the Bi-Cu-Ni system, 20th International Congress of Chemical and Process Engineering - CHISA 2012, Prague (Czech Republic), 25-29 August 2012, CD-ROM of full texts: files/0280 (6 pages – P1.86, Ser.No 0280), ISBN 978-80-905035-1-9, www.chisa.cz/2012

D. Živković, V. Stanković, B. Nikolić, M. Antonijević, V. Nikolić, G. Bogdanović, D. Miljković, Investigation of the characteristics of river Timok waters in the vicinity of Zaječar (Serbia), 2nd International Symposium

on Environmental and Flow Materials Management - EMFM12, Zenica (BiH), 7-9 June 2012, Proceedings (Eds. Š.Goletić, D.Živković), pp. 139-143. (ISBN-978-9958-617-46-1)

Lj. Balanović, L. Gomidželović, D. Živković, D. Manasijević, A. Kostov, Ž. Živković, Calorimetric investigation of some Ga-based binary systems, 9th Scientific/Research Symposium with international participation, "Metallic and Nonmetallic Materials: production-properties-application", Zenica (BiH), 23-24 April 2012, Zbornik radova/Proceedings (elektronsko izdanje) (Ed. S. Muhamedagić), pp. 131-138. (ISBN 978-9958-785-26-9)

D. Živković, Y. Du, Lj. Balanović, D. Manasijević, D. Minić, N.Talijan, Thermodynamic study of ternary Al-Mg-Zn system, 12th International Foundrymen Conference "Sustainable Development in Foundry Materials and Technologies", Opatija (Croatia), 24-25 May 2012, Proceedings Book (Eds. N. Dolić, Z. Glavaš, Z. Zovko Brodarac), pp. 512-517. (ISBN 978-953-7082-14-7)

V. Ćosović, A. Ćosović, D. Živković, A. Kostov, N. Talijan, The influence of SnO₂ nano particles and method of their introduction on microstructure and properties of Ag-SnO₂ electrical contacts,), 16th International Research/Expert Conference "Trends in the development of Machinery and Associated technology" TMT2012, Dubai (UAE), 10-12 September 2012, pp. 147-150, (ISSN-1840-4944)

D. Živković, T. Holjevac Grgurić, D. Ćubela, A. Kostov, M.Gojić, Š.Kožuh, Thermodynamics of Cu-Al-(Ag, Au) shape memory alloy systems, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 457-460, (ISBN 978-86-7827-042-0)

L. Gomidželović, I. Mihajlović, A. Kostov, D. Živković, Analytic approach to thermodynamic research of Cu-Al-Zn alloys, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 297 – 302. (ISBN 978-86-7827-042-0)

L. Gomidželović, A. Kostov, D. Živković, E. Požega, V. Krstić, Cu-Al-Zn system: Comparative calculation of thermodynamic properties in liquid phase, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 303 – 308. (ISBN 978-86-7827-042-0)

C. Chen, Y. Wang, T. Xu, J. Long, Y. Du, D. Živković, Thermodynamic calculations of the Al-C-W and Al-C-Ni systems, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 553-556. (ISBN 978-86-7827-042-0)

M. Pavlović, V. Ćosović, N. Talijan, D. Živković, M. Pavlović, R. Aleksić, Electrical conductivity of lignocellulose composites loaded with chemically deposited silver powders, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 461-464. (ISBN 978-86-7827-042-0)

A. Kostov, A. Milosavljević, R. Todorović, D. Živković, V. Krstić, XRD determination of phases in shape memory alloys obtained by up-cast method, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 529-532. (ISBN 978-86-7827-042-0)

M. Premović, D. Minić, D. Manasijević, D. Živković, A. Kostov, V. Čosović, Experimental investigation and thermodynamic calculations of the Al-Cu-Sb phase diagram, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 543-548. (ISBN 978-86-7827-042-0)

M. Sokić, B. Marković, D. Živković, Ž. Kamberović, N. Štrbac, V. Matković, M. Vuković, Kinetic investigation of chalcopyrite concentrate leaching by sodium nitrate and sulphuric acid. 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 427-432. (ISBN 978-86-7827-042-0)

N. Štrbac, I. Mihajlović, A. Mitovski, Ž. Živković, Đ. Nikolić, (2012). Modeling the process of copper extraction from the non-standard raw materials using factorial experimental design, 5th International Symposium of Industrial Engineering, Belgrade (Serbia), 14-15 June 2012, Proceedings SIE 2012, pp. 165-168. (ISBN 978-86-7083-758-4)

M. Sokić, B. Marković, V. Matković, D. Živković, N. Štrbac, (2012). Investigation of chalcopyrite concentrate leaching by hydrogen peroxide and sulphuric acid solution, 2nd International Symposium on Environmental and Material Flow Management EMFM 2012, 7-9 June 2012, Zenica (BiH), Proceedings, pp. 103-107. (ISBN 978-9958-617-46-1)

M. Sokić, Z. Gulišija, I. Ilić, M. Mihailović, N. Štrbac, (2012). Sources and balancing of copper secondary raw materials, 2nd International Symposium on Natural Resources Management, Zaječar (Serbia), 24-25. May 2012, Proceedings, pp. 93-101. (ISBN 978-86-7747-457-7)

M. Sokić, Z. Gulišija, I. Ilić, M. Mihailović, N. Štrbac, Sources and balancing of copper secondary raw materials, 2nd International Symposium on Natural Resources Management, Zaječar (Serbia), 24-25. May 2012, Proceedings (Ed. R. Jovanović), Zaječar, pp. 93-101. (ISBN 978-86-7747-457-7)

M. Sokić, B. Marković, V. Matković, N. Štrbac, D. Živković, J. Stojanović, Passivation of sphalerite during the leaching in oxidative sulphuric acid solution, 20th International Congress of Chemical and Process Engineering CHISA 2012, Prag, 2012, CD-ROM of full texts: files/0301 (8 pages). (ISBN 978-80-905035-1-9)

M. Gorgievski, D. Božić, V. Stanković, N. Štrbac, S. Dragulović, Wheat straw as an adsorbent for nickel ions adsorption from aqueous solutions, Proceedings, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 613-616. (ISBN 978-86-7827-042-0)

D. Božić, M. Gorgievski, V. Stanković, N. Štrbac, S. Dragulović, Beech sawdust and wheat straw as natural adsorbents for the adsorption of zinc ions from synthetic solution, Proceedings, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 603-606. (ISBN 978-86-7827-042-0)

D. Živković, Lj. Balanović, D. Manasijević, D. Minić, M. Premović, A. Kostov, A. Mitovski, Study on properties of low-Ag content Ag-Zn alloys, 12th International Foundrymen Conference, Opatija (Croatia), 24-26. May 2012, Proceedings book (CD with full papers Eds. N. Dolić, Z. Glavaš and Z. Zovko Brodarac, Publisher: Faculty of Metallurgy, University of Zagreb, Croatia), pp. 504-511. (ISBN 978-953-7082-14-7)

D. Živković, A. Mitovski, Ž. Živković, Quantitative indicators of scientific and research work in knowledge management at high educational institutions - case study: University of Belgrade, Technical Faculty in Bor (Serbia), 16th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology", TMT 2012, Dubai (UEA), 10-12 September 2012, Proceedings (Ed. S. Ekinović, S. Yalcin, J. Vivancos Calvet, Publisher:University of Zenica, BiH), pp. 303-306, (ISSN 1840-4944)

V. Andrejić, A. Ivanović, M. Ćirković, A. Mitovski, Kinetic analysis of the chalcopyrite concentrate oxidation process Proceedings, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 317-320. (ISBN 978-86-7827-042-0)

M. Mitovski, A. Mitovski, M. Ćirković, The "new" copper smelter - future mini thermo power plant (MTPP), 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 491-496, (ISBN 978-86-7827-042-0).

M. Ćirković, M. Mitovski, V. Trujić, Ž. Kamberović, A. Mitovski, Waste minimization and reduction the environmental pollution using the heating system for electrostatic precipitators during long delays in the smelter in Bor – Serbia, 4th International Conference on Engineering for Waste and Biomass Valorisation, Porto (Portugal), 10-13. September 2012, Proceedings (Vol. 5; Eds. A. Nzihou and F. Castro; Publisher: Mines d'Albi Campus Jarlard, France), pp. 1489-1494. (ISBN: 979-10-91526-00-5)

S. Ivanov, D. Gusković, Lj. Ivanić, I. Marković, B. Marjanović, S. Mladenović, Investigation of the possibility to obtain single-phase boride layers on low carbon steel in electrolytic boriding, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 563-568. (ISBN 978-86-7827-042-0)

E. Požega, S. Ivanov, Z. Stević, B. Marjanović, Investigation of Bi-Sb-Te-Se-Sn-Zr alloy structure, Part I, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 433-436, (ISBN 978-86-7827-042-0)

E. Požega, Z. Stević, S. Ivanov, L. Gomidželović, V. Krstić, Investigation of Bi-Sb-Te-Se-Sn-Zr alloy structure, Part II, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 511-515. (ISBN: 978-86-7827-042-0)

D. Gusković, M. Rajčić Vujsinović, S. Marjanović, D. Marković, Lj. Ivanić, S. Ivanov, Electrodeposition of copper on cold rolled copper substrate from synthetic electrolyte without addition of organic additives at constant current density, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 649-654. (ISBN: 978-86-7827-042-0)

S. Nestorović, D. Marković, Lj. Ivanić, S. Ivanov, Anneal Hardening Effect in a Cast CuAl4Zn4 Alloy Dependence on Thermomechanical Treatment, 16th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2012, 10-12 September 2012, Dubai (UAE), Proceedings (Eds. S. Ekinović, S. Yalcin, J. Vivancos Calvet; Publisher: Faculty of Mechanical Engineering in Zenica, Zenica, B&H, Bahcesehir University Istanbul, Milhendislik Fakiiltesi, Turkey, Escola Tècnica Superior D'Enginyeria Industrial de Barcelona, Department d'Enginyeria Mechanica, Universitat Politecnica de Catalunya, Spain), pp. 131–134. (ISSN 1840-4944)

I. Marković, S. Nestorović, D. Gusković, Lj. Ivanić, The Influence of Deformation Degree on the Anneal Hardening Effect in a Cast Cu-4at%Au Alloy, 16th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2012, 10-12 September 2012, Dubai (UAE), Proceedings (Eds. S. Ekinović, S. Yalcin, J. Vivancos Calvet; Publisher: Faculty of Mechanical Engineering in Zenica, Zenica, B&H, Bahcesehir University Istanbul, Milhendislik Fakiiltesi, Turkey, Escola Tecnica Superior D'Enginyeria Industrial de Barcelona, Department d'Enginyeria Mechanica, Universitat Politecnica de Catalunya, Spain), pp. 163-166. (ISSN 1840-4944)

S. Marjanović, D. Gusković, M. Rajčić-Vujasinović, S. Mladenović, Electrodeposition of copper on cold rolled copper substrate from electrolyte containing thiourea and gelatine, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 659-662. (ISBN 978-86-7827-042-0)

I. Marković, S. Nestorović, D. Marković, D. Gusković, Mechanical properties and lattice parameter changes of cold worked, annealed Cu-Al alloy, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 379-382. (ISBN 978-86-7827-042-0)

S. Nestorović, I. Marković, D. Gusković, Lj. Ivanić, D. Marković, Influence of thermomechanical treatment on the properties of a cast copper-gold alloy, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 383-387. (ISBN 978-86-7827-042-0)

M. Rajčić-Vujasinović, V. Grekulović, S. Marjanović, D. Marković, D. Gusković, Electrodeposition of copper on cold rolled copper substrate from synthetic electrolyte without addition of organic additives at various current density, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 655-658. (ISBN 978-86-7827-042-0)

S. Mladenović, D. Manasijević, D. Marković, Lj. Ivanić, D. Minić, Structural and thermal properties of Sn-Zn-Bi lead free solder materials, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 557-562. (ISBN 978-86-7827-042-0)

S. Nestorović, I. Marković, D. Gusković, Lj. Ivanić, D. Marković, The Influence of Temperature on the Anneal Hardening Effect in a Cast Cu-4at%Au Alloy, 12th International Foundrymen Conference, Opatija (Croatia), 24-26. May 2012, Proceedings book (CD with full papers), pp. 328-338. (ISBN 978-953-7082-14-7)

S. Nestorović, I. Marković, D. Marković, Influence Of Thermomechanical Treatment On The Properties Of Sintered Cu-4at%Au Alloy, 16th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2012, 10-12 September 2012, Dubai (UAE), Proceedings (Eds. S. Ekinović, S. Yalcin, J. Vivancos Calvet; Publisher: Faculty of Mechanical Engineering in Zenica, Zenica, B&H, Bahcesehir University Istanbul, Milhendislik Fakiiltesi, Turkey, Escola Tecnica Superior D'Enginyeria Industrial de Barcelona, Department d'Enginyeria Mechanica, Universitat Politecnica de Catalunya, Spain), pp. 159-162. (ISSN 1840-4944)

M. Rajčić-Vujasinović, D. Vujasinović, V. Grekulović, Copper and copper alloys in catalysis of reactions eliminating greenhouse gases, 20th International Scientific and Professional Meeting „Ecological Truth“

ECO-IST'12, University of Belgrade-Technical Faculty in Bor, Zajecar, Serbia, (2012), pp. 211-215. (ISBN 987-86-80987-98-9)

V. Grekulović, M. Rajčić-Vujasinović, B. Pešić, Z. Stević, Potentiostatic oxidation of AgCu50 alloy in alkaline solution with presence of benzotriazole, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 589-594. (ISBN 978-86-7827-042-0)

S. Dimitrijević, M. Rajcic-Vujasinovic, R. Jancic-Hajneman, J. Bajat, V. Trujic, D. Trifunovic, The effect of additive on the surface roughness of decorative gold coatings, 44th International October Conference on Mining and Metallurgy, Bor (Serbia), 1-3 October 2012, Proceedings (Eds. A. Kostov and M. Ljubojev), pp. 321-326. (ISBN 978-86-7827-042-0)

S. Dimitrijević, M. Rajčić-Vujasinović, R. Jancic-Hajneman, D. Trifunović, J. Bajat, V. Trujić, S. Alagić, Non-cyanide electrolytes for gold plating - A review of recent developments, 20th International Scientific and Professional Meeting Eco-Ist'12, Zaječar (Serbia), 30 May-02. June 2012, Proceedings, pp. 194-199. (ISBN 987-86-80987-98-9)

M34 - Saopštenje sa međunarodnog skupa štampano u izvodu

D. Živković, Lj. Balanović, D. Manasijević, D. Minić, M. Premović, A. Kostov, A. Mitovski, Study on properties of low-Ag content Ag-Zn alloys, 12th International Foundrymen Conference, Opatija, 24-26. May 2012, Book of Abstracts (Eds. N. Dolić, Z. Glavaš, Z. Zovko Brodarac; Publisher: Faculty of Metallurgy, University of Zagreb, Croatia), p. 55. (ISBN 978-953-7082-14-7)

S. Ekinović, E. Begović, D. Živković, A. Kostov, Machinability investigation of some lead-free Cu-based alloys, 13th International Conference on Tools ICT-2012, Miskolc (Hungary) 27-28 March 2012.

D. Manasijević, D. Živković, N. Talijan, V. Čosović, L. Gomidželović, R. Todorović, D. Minić, Experimental investigation and thermodynamic calculation of the Au–Ga–Sb phase diagram, Thermodynamics of Alloys – TOFA 2012, Pula (Croatia), 23-28 September 2012, Book of Abstracts, p. 96.

D. Minić, D. Manasijević, V. Čosović, D. Živković, N. Talijan, M. Premović, Phase transformations in the ternary Ag–Ga–Sb system, Thermodynamics of Alloys – TOFA 2012, Pula (Croatia), 23-28 September 2012, Book of Abstracts, p. 98.

S. Radosavljević, M. Sokić, V. Matković, B. Marković, J. Stojanović, N. Štrbac, D. Živković, Influence of structural-textural characteristics of mineral association on chalcopyrite leaching by sodium nitrate in sulphuric acid, XXII Congress of Chemists and Technologists of Macedonia, Ohrid (Macedonia), 5-9 September 2012, Book of Abstracts, p. 249. (ISBN 978-9989-760-11-2)

V. Čosović, N. Talijan, A. Čosović, D. Živković, Lj. Balanović, T. Žák, B. David, Structure and Properties of Nanosized Nickel Ferrite Synthesized by Solid-State Reaction Route, Serbian Ceramic Society Conference – Advanced Ceramics and Application, Belgrade (Serbia), 10-11 May 2012, Program and the Book of Abstracts, p. 30. (ISBN 978-86-915627-0-0)

D. Živković, Lj. Balanović, L. Gomidželović, D. Manasijević, N. Talijan, A. Kostov, V. Čosović, D. Minić, Thermodynamics and phase equilibria of Ga-Me (Me = Al, Au) alloys, Thermodynamics of Alloys – TOFA 2012, Pula (Croatia), 23-28 September 2012, Book of Abstracts, p. 115.

D. Živković, R. Novaković, Cooperation between Serbian and Italian researchers in the field of experimental investigation and calculation of thermodynamic and other properties of advanced ecological electronic materials, AIS3 Workshop Serbia-Italia: Status and Perspectives of the Scientific and Technological Bilateral Cooperation, 25-26 June 2012, Belgrade (Serbia).

N. Šrbac, I. Jevđić, M. Vuković, D. Živković, Z. Damnjanović, Značaj ekološkog obeležavanja proizvoda, Medjunarodni naučni skup "Nove strategije i tehnologije zaštite životne sredine", Beograd (Srbija), 18-20 April 2012., Book of Abstracts, p. 170.

N. Šrbac, A. Mitovski, I. Mihajlović, M. Vuković, M. Sokić, V. Andrić, Possibilities for treatment of non-standard copper concentrates and environmental protection. International Scientific Conference on Innovative Strategies and Technologies in Environment Protection, Belgrade (Serbia), 18-20 April 2012, Book of abstracts, p.97. (ISBN 978-86-89061-01-7)

P. Ranisavljević, N. Šrbac, Lj. Takić, I. Mladenović-Ranisavljević, M. Mladenović, Ž. Živković, Management strategies concerning environment protection. International Scientific Conference on Innovative Strategies and Technologies in Environment Protection, Belgrade (Serbia), 18-20 April 2012, Book of abstracts, p.34. (ISBN 978-86-89061-01-7)

Mladenović-Ranisavljević, I., Ranisavljević, P., Takić, LJ., Šrbac, N., Mladenović, M., Živković, Ž. (2012). Safety regulation of genetically modified food-implementation of strategy. International Scientific Conference on Innovative Strategies and Technologies in Environment Protection, Belgrade (Serbia), 18-20 April 2012, Book of abstracts, p. 34, ISBN 978-86-89061-01-7.

N. Šrbac, I. Mihajlović, D. Živković, M. Sokić, V. Andrić, A. Mitovski, Physico-chemical characterization polymetalic concentrate of copper, 5th International Scientific Conference Contemporary Materials 2012. Banja Luka (BIH), 5-7 July 2012, Book of Abstracts, p. 84.

Lj. Balanović, D. Živković, D. Manasijević, N. Šrbac, N. Talijan, V. Čosović, Comparative investigation of thermodynamic properties for some gallium-based and tin-based binary alloys, 5th International Scientific Conference Contemporary Materials, Banja Luka (BiH), 5-7 July 2012, Book of Abstracts, p. 65.

S. Ivanov, E. Pozega, Z. Stevich, Modeling of boronizing of iron powder metallurgy compacts, Proceedings of the 13th International Scientific Practical Conference „Modern information and electronic technologies“ Odessa (Ukraine), 4-8 June 2012, Book of Abstracts, p. 110. (ISBN 978-966-2666-01-4)

S. Ivanov, M. Rajcich-Vujasinovich, Z. Stevich, S. Nestorovich, Influence of gelatin on electrochemical behaviour of cold worked copper wire, Proceedings of the 13th ISPC “Modern information and electronic technologies”, Odessa (Ukraine), 4-8 June, 2012, p. 226. (ISBN 978-966-2666-01-4)

S. Nestorović, I. Marković, D. Gusković, Lj. Ivanić, D. Marković, The Influence of Temperature on the Anneal Hardening Effect in a Cast Cu-4at%Au Alloy, 12th International Foundrymen Conference,

Sustainable Development and Technologies, Opatija (Croatia), 24-25 May 2012 p. 37. (ISBN 978-953-7082-14-7)

M. Rajčić-Vujasinović, V. Grekulović, Z. Stević, B. Pešić, S. Bugarinović, Electrochemical behavior of AgCu-alloy as a material for contacts in electronic industry, Proceedings, 13th International scientific-practical conference, Modern information and electronic technologies, Odessa (Ukraine), 4-8 June, 2012, p. 296. (ISBN 978-966-2666-01-4)

M. Rajčić-Vujasinović, Z. Stević, S. Bugarinović, V. Grekulović, Semiconductor characteristics of sulphide minerals and their applications in supercapacitors and solar cells, Proceedings, 13th International scientific-practical conference, Modern information and electronic technologies, Odessa (Ukraine), 4-8 June, 2012, p. 297. (ISBN 978-966-2666-01-4)

M 36 - Uređivanje zbornika saopštenja međunarodnog naučnog skupa

2nd International Symposium on Environmental and Flow Materials Management - EMFM12, 7-9 June 2012, Zenica (BiH), Proceedings (Eds. Šefket Goletić and Dragana Živković), pp. 1-409. (ISBN 978-9958-617-46-1, COBISS.BH-ID 19619334)

(M60) ZBORNICI SKUPOVA NACIONALNOG ZNAČAJA

M63 – Saopštenje sa skupa nacionalnog značaja štampano u celini

D. Živković, Y. Du, N. Talijan, A. Kostov, Predicting of thermodynamic properties for ternary Al-Ni-Zn system using general solution model, 9th Scientific/Research Symposium with international participation, "Metallic and Nonmetallic Materials: production-properties-application", Zenica (BiH), 23-24 April 2012, Zbornik radova/Proceedings (Ed. S. Muhamedagić; elektronsko izdanje), pp. 125-130. (ISBN 978-9958-785-26-9)

V. Čosović, T. Žák, B. David, A. Čosović, N. Talijan, D. Živković, Characterization of BaFe₁₂O₁₉ and NiFe₂O₄ magnetic materials, 9th Scientific/Research Symposium with international participation, "Metallic and Nonmetallic Materials: production-properties-application", Zenica (BiH), 23-24 April 2012, Zbornik radova/Proceedings (Ed. S. Muhamedagić; elektronsko izdanje), pp. 241-246. (ISBN 978-9958-785-26-9)

Lj. Balanović, L. Gomidželović, D. Živković, D. Manasijević, A. Kostov, Ž. Živković, Calorimetric investigation of some Ga-based binary systems, 9th Scientific/Research Symposium with international participation, "Metallic and Nonmetallic Materials: production-properties-application", Zenica (BiH), 23-24 April 2012, Zbornik radova/Proceedings (Ed. S. Muhamedagić; elektronsko izdanje), pp. 131-138. (ISBN 978-9958-785-26-9)

B. Milošević, D. Živković, D. Manasijević, D. Randjelović, Analiza trenda promena u kvalifikacionoj strukturi zaposlenih u kompaniji RTB Bor u period od 1997. do 2009. godine, 8. Majská konferencija o strategijskom menadžmentu, Bor (Srbija), 25-27. maj 2012, Zbornik celih radova (Eds. Ž. Živković and I. Mihajlović), pp. 588-603. (ISBN: 978-86-80987-96-5)

D. Živković, Ž. Živković, I. Nikolić, N. Nikolić, D. Manasijević, J. Vadnjal, Ispitivanje odnosa studentske populacije prema porodičnom preduzetništvu na primeru Tehničkog fakulteta u Boru, 8. Majskna konferencija o strategiskom menadžmentu, Bor (Srbija), 25-27. maj 2012, Zbornik celih radova (Eds. Ž. Živković and I. Mihajlović), pp. 603-609. (ISBN: 978-86-80987-96-5)

R. Perić, Z. Karastojković, Z. Kovačević, d. Gusković, The aging of gold alloys for production of jewels, Primena savremenih materijala u tehnologijama i konstrukcijama HTM, Požarevac 2012, pp. 86-94

S. Nestorović, I. Marković, D. Gusković, D. Marković, Annel Hardening Effect in Thermomechanically Treated a Cast Copper-Gold Alloy, 50. jubilarno savetovanje Srpskog hemijskog društva, Beograd, 14-15. juni 2012, Knjiga radova (Eds. Ž. Tešić and A. Dekanski, Izdavač: Srpsko hemijsko društvo), pp. 95-98. (ISBN 978-86-7132-049-8)

A. Mitovski, N. Šrbac, I. Mihajlović, V. Andrić, M. Sokić, Tehnološke mogućnosti za smanjenje sadržaja arsena u nestandardnim koncentratima bakra. 50. Savetovanje srpskog hemijskog društva, Beograd (Srbija), 14-15. Jun 2012, Knjiga radova, pp. 75-79. (ISBN 978-86-7132-049-8)

M. Sokić, I. Ilić, Z. Gulišija, N. Šrbac, Procena mogućnosti reciklaže metaličnih sekundarnih sirovina analizom termodinamičkih veličina, 7. Simpozijum o reciklažnim tehnologijama i održivom razvoju, Soko Banja, 5-7. Septembar 2012, Zbornik radova (Eds. G. Bogdanović and M. Trumić), pp. 56-63. ISBN 978-86-80987-97-29

M64 – Saopštenje sa skupa nacionalnog značaja štampano u izvodu

S. Ivanov, M. Rajčić Vujasinović, Z. Stević, Uticaj želatina na anodno ponašanje hladno deformisanog bakra u rastvoru natrijum karbonata, 50. Jubilarno savetovanje Srpskog hemijskog društva, Beograd, 14–15. juni 2012.; Program i kratki izvodi radova (Eds. Ž. Tešić and A. Dekanski; Izdavač: Srpsko hemijsko društvo), p. 69. (ISBN 978-86-7132-048-1)

S. Nestorović, I. Marković, D. Gusković, D. Marković, Annel Hardening Effect in Thermomechanically Treated a Cast Copper-Gold Alloy, 50. Savetovanje Srpskog hemijskog društva, Beograd, 14-15. Jun 2012, Program i kratki izvodi radova (Eds. Ž. Tešić and A. Dekanski; Izdavač: Srpsko hemijsko društvo), p. 56. (ISBN 978-86-7132-048-1)

A. Mitovski, N. Šrbac, I. Mihajlović, V. Andrić, M. Sokić, Tehnološke mogućnosti za smanjenje sadržaja arsena u nestandardnim koncentratima bakra. 50. Savetovanje Srpskog hemijskog društva, Beograd, 14-15. Jun 2012, Program i kratki izvodi radova (Eds. Ž. Tešić and A. Dekanski; Izdavač: Srpsko hemijsko društvo), p. 70. (ISBN: 978-86-7132-048-1)

M. Sokić, B. Marković, V. Matković, S. Radosavljević, J. Stojanović, N. Šrbac, D. Živković, Influence of structural-textural characteristics of mineral association on chalcopyrite leaching by sodium nitrate in sulphuric acid, 22nd Congress of Chemists and Technologists of Macedonia with International Participation, Ohrid (Macedonia), 5-9. Septembar 2012, Book of Abstracts, p. 248. (ISBN 978-9989-760-11-2)

M. Sokić, B. Marković, V. Matković, S. Radosavljević, J. Stojanović, N Šrbac, D. Živković, Influence of structural-textural characteristics of mineral association on chalcopyrite leaching by sodium nitrate in sulphuric acid, 22nd Congress of Chemists and Technologists of Macedonia with International Participation, Ohrid (Macedonia), 5-9. Septembar 2012, Book of Abstracts, p. 24. (ISBN 978-9989-760-11-2)

S. Dimitrijevic, M. Rajcic-Vujasinovic, R. Jancic-Hajneman, J. Bajat, V. Trujic, D. Trifunovic, Current density effect on the surface roughness of decorative gold coatings, 22th Congress of Chemists and Technologists of Macedonia with international participation, Ohrid (Macedonia), Book of Abstracts, 5 – 9 September 2012, p. EL-18. (ISBN 978-9989-760-11-2)

S. Dimitrijević, M. Rajčić-Vujasinović, R. Jančić-Hajneman, V. Trujić, D. Trifunović, Uticaj pH vrednosti ratvora za taloženje na hrapavost dekorativnih prevlaka zlata, 50. Savetovanje Srpskog hemijskog društva, Beograd, 14-15. Jun 2012, Program i kratki izvodi radova (Eds. Ž. Tešić and A. Dekanski; Izdavač: Srpsko hemijsko društvo), p. 23. (ISBN 978-86-7132-048-1)

(M70) – MAGISTARSKE TEZE I DOKTORSKE DISERTACIJE

M71 – Odbranjena doktorska disertacija

V. Grekulović, Uticaj hloridnih jona i benzotriazola na elektrohemijsko ponašanje legure AgCu50 u alkalnoj sredini, Univerzitet u Beogradu, Tehnički fakultet u Boru, 2012. (Mentor: prof. dr Mirjana Rajčić-Vujasinović)

(M80) TEHNIČKA I RAZVOJNA REŠENJA

M82 - Nova proizvodna linija, novi materijal, industrijski prototip, novo prihvaćeno rešenje problema u oblasti makroekonomskog, socijalnog i problema održivog prostornog razvoja uvedeni u proizvodnju (uz dokaz)

S. Nestorović, Lj.Ivanić, D. Marković, M. Rajčić-Vujasinović, S. Ivanov, I. Marković, V. Grekulović Novi materijal Cu-Ag poboljšanih svojstava mehanizmom ojačavanja žarenjem, Tehnički fakultet u Boru, 2012. Korisnik: Fabrika bakarne žice – DOO TIR Bor.

L. Gomidželović, A. Kostov, D. Živković, N.Talijan, V.Ćosović,_R.Todorović, Novi materijal: ekološki bezolovni lemovi tipa Au2-8Ga25-40In12-48Sb25-40, IRM Bor, 2012.

M84 - Bitno poboljšan postojeći proizvod ili tehnologija (uz dokaz) novo rešenje problema u oblasti mikroekonomskog, socijalnog i problema održivog prostornog razvoja recenzovano i prihvaćeno na nacionalnom nivou (uz dokaz)

S. Ivanov, D. Gusković, Lj. Ivanić, S. Nestorović, B. Marjanović, S. Mladenović, I. Marković, Poboljšanje svojstava materijala za izradu kokila za livenje zlata i drugih plemenitih metala Tehnički fakultet u Boru, 2012. Korisnik: RJ za proizvodnju plemenitih metala – DOO TIR Bor za dobijanje odlivka zadovoljavajućeg kvaliteta u kalupu od sivog liva.