

**(M10) MONOGRAFIJE, MONOGRAFSKE STUDIJE, TEMATSKI ZBORNICI, LESKIKOGRAFSKE I KARTOGRAFSKE PUBLIKACIJE MEĐUNARODNOG ZNAČAJA**

**M13 – Monografska studija/poglavlje u knjizi M11 ili rad u tematskom zborniku vodećeg međunarodnog značaja**

P. Brož, D. Živković, J. Medved, N. Talijan, D. Manasijević, G. Klančnik, J. Buršík, GP6 - Experimental and theoretical study of thermodynamic properties and phase equilibria in ternary Al-Zn-X alloys, chapter in COST MP0602 Book, 2013.

G. Vassilev, J. Romanowska, D. Soares, P. Docheva, J. Miettinen, P. Sebo, J.-C. Tedenac, P. Broz, V. Gandova, N. Milcheva, K. Lilova, G. Wnuk, J. Buršík, D. Živković, GP2 - Design, process and control in a multiscale domain of Cu-Ni-X-Y (X, Y=Sn, Bi, Zn, Ti) based alloys, chapter in COST MP0602 Book, 2013.

**(M20) RADOVI OBJAVLJENI U ČASOPISIMA MEĐUNARODNOG ZNAČAJA**

**M21a – Rad u međunarodnom časopisu izuzetnih vrednosti**

M. Rajčić-Vujasinović, V. Grekulović, Z. Stević, N. Vuković, Potentiostatic oxidation of AgCu50 alloy in alkaline solution in the presence of chlorides, Corrosion Science 70 (2013), pp. 221–228. [ISSN 0010-938X; Impact factor (IF) 3.686 /2013; Field: Metallurgy & Metallurgical Engineering; DOI: 10.1016/j.corsci.2013.01.033]

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## **M21 – Rad u vrhunskom međunarodnom časopisu**

S. Dimitrijević, M. Rajčić-Vujasinović, V. Grekulović, S. Alagić, V. Trujić, Formulation and characterization of electrolyte for decorative gold plating based on mercaptotriazole, *Electrochimica Acta*, 104 (2013), pp. 330-336. [ISSN 0013-4686; Impact factor (IF) 4.086/2013; Field: Electrochemistry; DOI: 10.1016/j.electacta.2013.04.123]

M. Gorgievski, D. Božić, V. Stanković, N. Šrbac, S. Šerbula, Kinetics, equilibrium and mechanism of Cu<sup>2+</sup>, Ni<sup>2+</sup> and Zn<sup>2+</sup> ions biosorption using wheat straw, *Ecological Engineering*, 58 (2013), pp. 113-122. [ISSN 0925-8574; Impact factor (IF) 3.041/2013; Field: Engineering, Environmental; DOI: 10.1016/j.ecoleng.2013.06.025]

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## **M22 – Rad u vodećem međunarodnom časopisu**

Z. Stanković, V. Cvetkovski, V. Grekulović, M. Vuković, S. Ivanov, The Effect of Tellurium Presence in Anodic Copper on Kinetics and Mechanism of Anodic Dissolution and Cathodic Deposition of Copper, *International Journal of Electrochemical Science*, 8 (5)(2013), pp. 7274 – 7283. [ISSN 1452-3981; Impact factor (IF) 1.956/2013; Field: Electrochemistry]

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## M23 – Rad u međunarodnom časopisu

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L. Gomidželović, I. Mihajlović, A. Kostov, D. Živković, Cu-Al-Zn system: Calculation of thermodynamic properties in liquid phase, *Hemisika Industrija*, 67 (1)(2013), pp. 157-164. [ISSN 0367-598X; Impact factor (IF) 0.562/2013; Field: Engineering, Chemical; DOI: 10.2298/HEMIND120306041G]

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Z. Karastojković, R. Perić, Z. Janjušević, D. Gusković, M. Rakin, Determination of Annealing Temperatures for Coldworked Strip of 585 Gold Alloy for Successful Deep-Drawing Into Tube, *Metalurgia International*, 18 (3)(2013), pp. 428-432. [ISSN 1582-2214; Impact factor (IF) 0.103/2012; Field: Metallurgy & Metallurgical Engineering]

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#### **M24 – Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom**

Z. Karastojković, R. Perić, Z. Janjušević, D. Gusković, Electrolitic Gold Plating on Golden Jewels made from 585 Alloy, *Zaštita materijala*, 54 (4)(2013), pp. 366-370. [ISSN 0351-9465]

P. Schulte, D. Živković, M. Graef, J. Vadnjal, G. Trisca, I. Mihajlović, D. Pavlov, V. Kume, Ž. Živković, M. Dimitrova, Dž. Zečić, J. Halebić, A. Tantau, RESITA NETWORK - Academic Entrepreneurship and Innovation Network of South Eastern European Universities: an example of successful networking in

entrepreneurship and innovation at academic level, Serbian Journal of Management, 8 (1)(2013), pp. 117 – 130. [ISSN 1452-4864]

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#### **(M50) RADOVI OBJAVLJENI U ČASOPISIMA NACIONALNOG ZNAČAJA**

##### **Kategorija M51 – Rad u vodećem časopisu nacionalnog značaja**

A. Ivanović, B. Trumić, S. Ivanov, S. Marjanović, Prediction of hardness after homogenization annealing of PdNi5 alloy by using statistical analysis, Journal of Trends in the Development of Machinery and Associated Technology, 17 (1)(2013), pp. 61-64. [ISSN: 2303-4009]

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D. Živković, D. Manasijević, D. Minić, Lj. Balanović, M. Premović, A. Kostov, A. Mitovski, Experimental investigation and thermodynamic calculation of binary Ag-Zn system, Journal of the University of Chemical Technology and Metallurgy, 48 (4)(2013), pp. 413-418. [ISSN 1314-7471 (print)]

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##### **M52 – Rad u časopisu nacionalnog značaja**

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S. Dragulović, D. Božić, M. Gorgievski, Lj. Mladenović, S. Ivanović, Z. Stanojević-Šimšić, Dobijanje indijuma iz otpadnih LCD monitora, Bakar, 2(38)(2013) pp. 55-60. [ISSN 0351-0212]

#### **M53 – Rad u naučnom časopisu**

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#### **(M30) ZBORNICI MEĐUNARODNIH NAUČNIH SKUPOVA**

##### **M33 – Saopštenje sa međunarodnog naučnog skupa štampano u celini**

B. Maluckov, V.Tasić, S. Mladenović, J. Pejković, Č. Maluckov, Measurement of electromagnetic radiation at the workplace - in the metallurgical laboratory, 21st International Scientific and Professional Meeting Ecological Truth, ECO-IST'13, Bor Lake (Serbia), 4 – 7 June 2013, Proceedings (ISBN 978-86-8987-98-9; Ed. R. Pantović and Z. Marković, Publisher: Technical Faculty in Bor), pp. 75 – 579.

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## (M70) – MAGISTARSKE TEZE I DOKTORSKE DISERTACIJE

### M71 – Odbranjena doktorska disertacija

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## **(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)**

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## **(M90) PATENTI, AUTORSKE IZLOŽBE, TESTOVI**

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## **(P30) UDŽBENICI**

**Kategorija P31 – Objavljen udžbenik**

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