

Universitatea Transilvania din Braşov
Facultatea: Ştiinţa şi Ingineria Materialelor
Departamentul Ştiinţa Materialelor

Poz. postului 12
Disciplinele postului: Acţionări şi automatizări;
Materiale funcţionale pentru senzori şi actuatori (O3);
Sinteza nanomaterialelor şi metode specifice de caracterizare (O2).

FIŞA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR UNIVERSITĂŢII
Conferenţiar, poziţia 12

publicat în Monitorul Oficial al României nr. 662 din data de 24.11.2014

Candidat: Stoicănescu Maria Data naşterii: 11.10.1965
Funcţia actuală: Şef lucrări Instituţia Universitatea transilvania din Braşov

1. Studii universitare (licenţă şi masterat)

Nr. crt.	Instituţia de învăţământ superior şi facultatea	Domeniul	Perioada	Titlul acordat
1	Universitatea Transilvania din Braşov, Facultatea de Utilaj Tehnologic şi Metalurgie	Metalurgic	1986-1992	inginer

2. Studii de doctorat

Nr. crt.	Instituţia organizatoare de doctorat	Domeniul	Perioada	Titlul ştiinţific acordat
1	Universitatea Transilvania din Braşov	Ştiinţa şi Ingineria Materialelor	1999- 2005	Doctor inginer

3. Studii şi burse postdoctorale (stagii de cel puţin 6 luni)

Nr. crt.	Instituţia	Domeniul/ Specializarea	Perioada	Tipul de bursă
1.	Universitatea Transilvania din Braşov	Poluarea, Protecţia şi Managementul Mediului	octombrie 2008 - iunie 2009	

4. Realizările profesional-ştiinţifice

Calitatea activităţilor didactice/ profesionale	Din Fişa de evaluare şi din Propunerea de dezvoltare a carierei universitare
Lucrări publicate în reviste de specialitate recunoscute naţional internaţional	1. A. Zara, M. Stoicănescu, I. Giacomelli, M. Cazacu: The using of laser radiation at surface hardening of improvement steels, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 15 Issue: 9-10 Pages: 1084-1089 Published: SEP-OCT 2013, ISSN: 1454-4164, FI 2013= 0,563 ([1] J Grum, Journal of Achievements in Materials and Manufacturing Engineering 24 (1), 17 (2007) [2] Ritesh S.Lakhkar,Yung C.Shin, Matthew John

- M.Krane, Materials Science and Engineering A **480**, 209 (2008).
- [3] L. Orazi, A. Fortunato, G. Cuccolini, G. Tani, Applied Surface Science, **256**(6), 1913 (2010).
- [4] I. Giacomelli, L. Druga, C. Samoila, D. Bot, Unconventional Technologies to Phase Transformations. Publishing LuxLibris, ISBN 973-9428-11-5, pp 120, 2000.
- [5] C. M. Klaren, et all, Methods of Measuring Case Depth. ASM Handbook, Heat Treating pp **4**, 454, (1997)
- [6] A. Miotello, M. Ossi Paolo, Laser-Surface Interactions for New Materials Production Springer Series in Materials Science ISBN 978-3-642-03306-3, (2006)
- [7] H.R. Shercliff, M. F. Asby, The prediction of case depth in laser transformation, metallurgical transactions A, **22A** ; (1991)
- [8] A. Zara, Research regarding improving performance on Parts subject to Wear by Modern Heat Treatment, Ph.D. Thesis, (2011)
- [9] T. Zhenqing Zhao, Chunqing Wang, Mingyu Li, Lei Wang, Surface & Coatings Technology **200**, 2181 (2005).
- [10] Khershed P. Cooper, Laser Surface Processing, Naval Research Laboratory, ASM Handbook, ASM International, **18**, 1750 (1992),
- [11] Yanbin Chen, Dejian Liu , Fuquan Li, Liqun Li, Surface & Coatings Technology **202**, 4780 (2008).
- [12] Peter J. Blau, Microindentation Hardness Testing, Oak Ridge National Laboratory, ASM Handbook, ASM International, **18**, 787 (1992).
- [13] S. Lampman, Introduction To Surface Hardening Of Steels, pp.259, (1997).
- [14] Zhiyue Xu, Keng H. Leong, Claude B. Reed, Journal of Material processing Technology **206**, 120 (2008).
- 2. M. Cazacu, A. Zara, M. Stoicănescu, I. Giacomelli: Wear resistance of heat treatable steels, surface hardened with concentrated energy sources, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Volume: 15 Issue: 9-10 Pages: 1125-1130 Published: SEP-OCT 2013 ISSN: 1454-4164, FI 2013= 0,563**
- ([1] U. Sanchez-Santana, C. Rubio-Gonzalez, G. Gomez-Rosas , J.L. Ocana, C. Molpeceres, J. Porro, M. Morales, Wear **260**, 847(2006).
- [2] K. Bonny, P. De Baets , J. Quintelier, J. Vleugels, D. Jiang, O. Van der Biest, B. Lauwers, W. Liu, Tribology International **43**, 40 (2010).
- [3] I. Giacomelli, L. Druga, C. Samoila, D. Bot, Unconventional Technologies to Phase Transformations. Publishing LuxLibris, ISBN 973-9428-11-5, (2000).
- [4] L. J. Yang,,Wear **255**, 579 (2003).
- [5] H. Czichos, T. Saito, L. Smith, Springer Science +Business Media, Inc, ISBN-10: 3-540-20785-6; (2006),
- [6] S. N. Pandya, S. K. Nath1, G. P. Chaudhari, J. Sci. Res. **1**(3), 516 (2009).

- [7] A. Zara, Research regarding improving performance on Parts subject to Wear by Modern Heat Treatment, Ph.D. Thesis; (2011)
- [8] P.H. Shipway, *Wear* **257**, 984 (2004).
- [9] Joseph H. Tylczak, *Abrasive Wear*, Albany Oregon , ASM Metal Handbook Friction, Lubrification and Wear, **18**, 337 (1992).
- [10] A.W. Ruff, National Institute of Standards and Technology, ASM Metal Handbook Friction, Lubrification and Wear, **18**, 687 (1992).
- [11] H. Olsson, K. J. Astrom, C. C. de Wit, M. Gafvert, P. Lischinsky, *Eur. J. Control*, **4**(3). 176 (1998).
- [12] S. Guruzu, G. Xu, and H. Liang, *Friction-induced Nucleation of Nanocrystals, Nanomechanics Of Materials And Structures*, Springer, ISBN-10 1-4020-3950-6 (HB) pp 60-70. (2006).
- 3. M. Socol, N. Preda, L. Vacareanu, M. Grigoras, G. Socol, I.N. Mihailescu, F. Stanculescu, M. Jelinek, A. Stanculescu, M.Stoicanescu:** Organic heterostructures based on arylenevinylene oligomers deposited by MAPLE, în Conference: 5th European-Materials-Research-Society Symposium on Laser Material Interactions for Micro- and Nano- Applications Location: Strasbourg, FRANCE Date: MAY 27-31, 2013 Sponsor(s): European Mat Res Soc; Amplitude Syst; Quantel APPLIED SURFACE SCIENCE Volume: 302 Pages: 216-222 Published: MAY 30 2014, ISSN: 0169-4332 , FI 2013= 2.538
- [1] J. Meiss, T. Menke, K. Leo, C. Uhrich, W.M. Gnehr, S. Sonntag, M. Pfeiffer, M.Riede, Highly efficient semitransparent tandem organic solar cells with complementary absorber materials, *Appl. Phys. Lett.* **99** (2011) 043301–043304.
- [2] C.-J. Huang, J.-C. Ke, W.-R. Chen, T.-H. Meen, C.-F. Yang, Improved the efficiency of small molecule organic solar cell by double anode buffer layers, *Sol. Energy Mater. Sol. Cells* **95** (2011) 3460–3464.
- [3] J.S. Kim, J.H. Lee, J.H. Park, C. Shim, M. Sim, K. Cho, High-efficiency organic solar cells based on preformed poly(3-hexylthiophene) nanowires, *Adv. Funct. Mater.* **21** (2011) 480–486.
- [4] P.K. Nayak, N. Agarwal, F. Ali, M.P. Patankar, K.L. Narasimhan, N. Periasamy, Blue and white light electroluminescence in a multilayer OLED using a new aluminium complex, *J. Chem. Sci.* **122** (2010) 847–855.
- [5] H. Mu, W. Li, R. Jones, A. Steckl, D. Klotzkin, A comparative study of electrode effects on the electrical and luminescent characteristics of Alq3/TPD OLED: improvements due to conductive polymer (PEDOT) anode, *J. Lumin.* **126** (2007) 225–229.
- [6] W. Li, R.A. Jones, S.C. Allen, J.C. Heikenfeld, A.J. Steckl, Maximizing Alq3 OLED internal and external efficiencies: charge balanced device structure and color conversion outcoupling lenses, *J. Display Technol.* **2** (2006) 143–152.
- [7] L. Luo, G. Liu, L. Huang, X. Cao, M. Liu, H. Fu, J. Yao, Solution-based patterned growth of rubrene nanocrystals for organic field effect transistors, *Appl. Phys. Lett.* **95** (2009) 263312–263314.
- [8] T. Hasegawa, J. Takeya, Organic field-effect transistors using single crystals, *Sci. Technol. Adv. Mater.* **10** (2009) 024314–024330.
- [9] V. Podzorov, V.M. Pudalov, M.E. Gershenson, Field-

- effect transistors on rubrenesingle crystals with parylene gate insulator, *Appl. Phys. Lett.* 82 (2003)17391741.
- [10] O. Rasoga, L. Vacareanu, M. Grigoras, M. Enculescu, M. Socol, F. Stanculescu, I. Ionita, A. Stanculescu, Optical and electrical properties of arylenevinylene compounds thin films prepared by vacuum evaporation, *Synth. Met.* 161 (2012)2612–2617.
- [11] J. Meiss, M.K. Riede, K. Leo, Towards efficient tin-doped indium oxide (ITO)-free inverted organic solar cells using metal cathodes, *Appl. Phys. Lett.* 94 (2009)013303–21306.
- [12] G. Sazaki, T. Fujino, J.T. Sadowski, N. Usami, T. Ujihara, K. Fujiwara, Y. Takahashi, E. Matsubara, T. Sakurai, K. Nakajima, Epitaxial relation and island growth of perylene-3,4,9,10-tetracarboxylic dianhydride (PTCDA) thin film crystals on a hydrogen-terminated Si(1 1 1) substrate, *J. Cryst. Growth* 262 (2004) 196–201.
- [13] T. Edura, H. Takahashi, M. Nakata, H. Onozato, J. Mizuno, K. Tsutsui, M. Haemori, K. Itaka, H. Koinuma, Y. Wada, Single grain and single grain boundary resistance of pentacene thin film characterized using a nanoscale electrode array, *Jpn. J. Appl. Phys.* 45 (2006) 3708–3711.
- [14] F. Stanculescu, A. Stanculescu, M. Girtan, M. Socol, O. Rasoga, Effect of the morphology on the optical and electrical properties of polycarbonate film doped with aniline derivatives monomers, *Synth. Met.* 161 (2012)2589–2597.
- [15] J. Spadavecchia, G. Ciccarella, P. Siciliano, S. Capone, R. Rella, Spin-coated thin films of metal porphyrin–phthalocyanine blend for an optochemical sensor of alcohol vapours, *Sens. Actuators B* 100 (2004) 88–93.
- [16] P. Cosseddu, A. Bonfiglio, Soft lithography fabrication of all-organic bottom-contact and top-contact field effect transistors, *Appl. Phys. Lett.* 88 (2006)023506–023508.
- [17] T. Aernouts, T. Aleksandrov, C. Girotto, J. Genoe, J. Poortmans, Polymer based organic solar cells using ink-jet printed active layers, *Appl. Phys. Lett.* 92 (2008)033306–033309.
- [18] C.N. Hoth, S.A. Choulis, P. Schilinsky, C.J. Brabec, On the effect of poly(3-hexylthiophene) regioregularity on inkjet printed organic solar cells, *J. Mater. Chem.* 19 (2009) 5398–5404.
- [19] A. Pique, P. Wu, B.R. Ringeisen, D.M. Bub, J.S. Melinger, R.A. McGill, D.B. Chrisey, Processing of functional polymers and organic thin films by the matrix-assisted pulsed laser evaporation (MAPLE) technique, *Appl. Surf. Sci.* 186 (2002)408–415.
- [20] A. Luches, A.P. Caricato, Fundamentals and applications of MAPLE, in: A. Miotello, P.M. Ossi (Eds.), *Laser-Surface Interactions for New Materials Production Tailoring, Structure and Properties*, Series in Materials Science, vol. 130, Springer, Berlin, 2010, pp. 203–233.
- [21] G. Socol, I.N. Mihailescu, A.-M. Albu, S. Antohe, F. Stanculescu, A. Stanculescu, L. Mihut, N. Preda, M. Socol, O. Rasoga, MAPLE prepared polymeric thin films for non-linear optic applications, *Appl. Surf. Sci.* 255 (2009) 5611–5614.
- [22] A. Stanculescu, M. Socol, G. Socol, I.N. Mihailescu, M. Girtan, N. Preda, A.-M. Albu, F. Stanculescu, Effect of maleic anhydride–aniline derivative buffer layer on the properties of flexible substrate heterostructures: indium tin oxide/nucleic acid base/metal, *Thin Solid Films* 520 (2011) 1251–1258.
- [23] A. Stanculescu, L. Vacareanu, M. Grigoras, M. Socol, G. Socol, F. Stanculescu, N. Preda, E. Matei, I. Ionita, M. Girtan, I.N. Mihailescu, Thin films of arylenevinylene oligomers prepared by MAPLE for applications in non-linear optics, *Appl. Surf. Sci.* 257 (2011)

	<p>5298–5302.</p> <p>[24] A. Stanculescu, M. Socol, G. Socol, I.N. Mihailescu, M. Girtan, F. Stanculescu, Maple prepared organic heterostructures for photovoltaic applications, Appl.Phys. A 104 (2011) 921–928.</p> <p>[25] G. Socol, A.C. Galca, C.R. Luculescu, A. Stanculescu, M. Socol, N. Stefan, E. Axente, L. Duta, C.M. Mihailescu, V. Craciun, D. Craciun, V. Sava, I.N. Mihailescu, Tailoring of optical, compositional and electrical properties of the $\text{In}_x\text{Zn}_{1-x}\text{O}$ thin films obtained by combinatorial pulsed laser deposition, Dig. J. Nanomater. Biostruct. 6 (2011) 107–115.</p> <p>4. Maria Stoicanescu, Ioan Ciobanu, Aurel Crisan, About the Mathematical Modeling of the Chemical Intercrystalline microsegregation of a Steel with 0.533 %C, METALURGIA INTERNATIONAL Volume: 18 Special Issue:5, Pages: 143-148, Published: 2013, ISSN: 1582-2214, FI = 0,053</p> <ol style="list-style-type: none"> 1. W Kurz.: <i>Fundamentals of solidification</i>, Trans Tech Publication, 1986, Switzerland-Germany-UK-USA 2. D. Ștefănescu : <i>Science and Engeneering of Casting Solidification</i>, Departament of Material Engineering, University of Alabama, Tuscalosa, 2001, ISBN 0-306-46750-X. 3. C. Bratu, L. Sofroni, V. Brabie. : <i>The thermophysics of the casting processes</i> , Ed. Institute Polytechnic Bucharest, Bucharest, 1984. 4. Sofroni L., Brabie V., Bratu C. : <i>Theoretical basis of casting</i>, Ed. Didactic and Pedagogical, Bucharest, 1980. 5. Lesoult G. : <i>Aspects fondamentaux de la solidification de l'acier</i>, Centre d'études superieures de la siderurgie francaise, CESSID, 1982. 6. Soporan V., Constantinescu V., M. Crisan – <i>Solidification of Alloys, theoretical Preliminaries</i>, Ed.Dacia, Cluj Napoca, 1995, ISBN 973-97041-1-5. 7. Ciobanu, I., Munteanu, S., I., Crișan, A., Mașniță, M. - <i>3D Mathematical Model To Simulate the macro-solidification of Castings from Eutectic Alloys</i>, International metallurgy, nr.5, 2005, pag.3-11, ISSN 1582/2214. <p>5. Cazacu M., Giacomelli I., Stoicanescu M., Vasile George, Wear behavior of layers deposited by welding, METALURGIA INTERNATIONAL Volume: 18 Special Issue: 5 Pages: 65-68 Published: 2013, ISSN: 1582-2214, FI = 0,053</p> <p>[1] Candea N.V.: <i>Fundamentals of the experimental research in welding</i>, Universitatea Transilvania din Brasov, 1999;</p> <p>[2] D'agostino R. : <i>Fondamenti di tribologia</i>, vol I, Napoli, 2002;</p> <p>[3] Iovanas R. si col.: <i>The current stage and perspectives in the loading and reconditioning domain by welding</i>, Brasov, 1993;</p> <p>[4] Giacomelli I. : <i>Heat treatment equipment and technology</i>, Universitatea Transilvania din Brasov, 1986.</p>
<p>Lucrări prezentate la conferințe naționale/ internaționale în profilul postului</p>	<ol style="list-style-type: none"> 1. <i>The influence of work parameters about the heat treatment applied to AlCu4Mg1,5Mn - aluminum alloy, WORLD CONFERENCE ON BUSINESS, ECONOMICS AND MANAGEMENT (BEM-2012)</i>

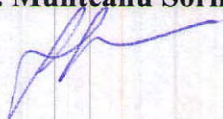
	<p>http://rikowski.wordpress.com/2012/02/05/world-conference-on-business-economics-and-management-bem-2012/ http://www.sciencedirect.com/science/journal/18770428/62.%20Art.%20146.%20Pag.%2086-890</p> <p>2. <i>Densification mechanisms made during creep techniques applied to the hot isostatic</i> http://rikowski.wordpress.com/2012/02/05/world-conference-on-business-economics-and-management-bem-2012/ http://www.sciencedirect.com/science/journal/18770428/62.%20Art.%20128.Pag.%20779-782</p> <p>3. <i>Isostatic processing technology applied to duralumin - Conference: 14th International Conference on Modern Technologies, Quality and Innovation (ModTech 2010) Location: Slanic-Moldova, ROMANIA Date: MAY 20-22, 2010</i> http://www.modtech.tuiasi.ro/2010/ http://www.modtech.ro/2010/publication.php?index=G</p> <p>4. <i>The influence of the low temperatures on the mechanical properties of aluminum alloys in ModTech International Conference - New face of TMCR, 25-27 May 2011, Vadul lui Voda-Chisinau, Republic of Moldova</i> http://www.modtech.tuiasi.ro/2011/</p> <p>5. LIQUID HOT ISOSTATIC PRESSING APPLIED TO ALUMINUM ALLOYS, ModTech International Conference - New face of TMCR, 25-27 May 2011, Vadul lui Voda-Chisinau, Republic of Moldova http://www.modtech.tuiasi.ro/2011/</p>
Volum(e) de specialitate publicat(e) în edituri recunoscute național	<p>1. <i>Materiale moderne utilizate în tehnica militară</i>, Ed. Academiei Forțelor Aeriene „Henri Coanda” Brasov, 2012, ISBN 978-606-8356-05-1</p> <p>2. <i>Materiale metalice si nemetalice utilizate în tehnica militară</i>, Ed. Academiei Forțelor Aeriene „Henri Coanda” Brasov, 2012, ISBN 978-606-8356-06-8</p> <p>3. <i>Fizica metalelor</i>, Ed. Universității Transilvania din Brașov, 2006, ISBN (10) 973-635-745-7; ISBN (13) 978-973-635-745-9</p> <p>4. <i>Aluminiul si aliajele de aluminiu</i>, Ed. Universității Transilvania din Brașov, 2006, ISBN 978-973-635-946-0</p> <p>5. <i>Tratamente termice aplicate aliajelor metalice</i>, Ed. Universității Transilvania din</p>

Braşov, 2014, ISBN 978-606-19-0385-6

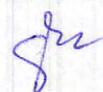
6. Tratamente termice. Aplicații, Editura Universității Transilvania din Braşov, 2014, ISBN 978-606-19-0386-3

7. Tratamente termice neconventionale-Indrumar de laborator, Ed. Universității Transilvania din Braşov, 2006, ISBN (10) 973-635-745-7; ISBN (13) 978-973-635-745-9

**Director de departament,
Conf.dr.ing. Munteanu Sorin Ion**



**Candidat,
S.l.dr.ing. Stoicănescu Maria**



UNIVERSITATEA TRANSILVANIA DIN BRAȘOV
FIȘĂ DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR DE
PREZENTARE LA CONCURS [CONFERENȚIAR]

CANDIDAT: **Stoicănescu Maria**

Post nr. 12, Conferențiar, Departamentul de Știința Materialelor, Facultatea de Știința și Ingineria Materialelor

Condiții	Îndeplinirea cerințelor	
A. Doctor	Diploma de doctor în domeniul Știința și Ingineria Materialelor nr. 4802/15.08.2005	
B. Îndeplinirea standardelor minime naționale conform OMECTS nr. 6560/20.12.2012, MO, I, 890 bis/18.12.2012	Standarde îndeplinite, conform comisiei CNATDCU nr. 7. INGINERIA MATERIALELOR Anexată: Fișa de calcul și de susținere a îndeplinirii standardelor minime specifice domeniului, în acord cu realizările menționate.	
Condiții minime[Punctaj]	Minim prevăzut	Realizat
A 1. Activitatea didactică/profesională	20	56.3
A2. Activitatea de cercetare	150	424,792
A3. Recunoașterea și impactul activității	30	63.5
TOTAL (A)	200	544,592
Condiții minime obligatorii pe subcategorii [Număr]	Minim prevăzut	Realizat
1.1. Cărți / capitole în cărți de specialitate	1	4
1.2.1. Manuale didactice / Monografii	1	1
1.2.2. Îndrumare de laborator / aplicații	1	2
2.1. Articole în reviste cotate ISI Thomson Reuters și în volume indexate ISI proceedings, din care:	10	22
Articole în reviste cotate ISI Thomson Reuters	5	10
Articole în reviste cotate ISI Thomson Reuters cu FI de min.0,5	3	3
Articole în reviste cotate ISI Thomson Reuters ca autor principal indiferent de FI	2	9
2.2. Articole în reviste și în volumele unor manifestări științifice indexate în alte baze de date internaționale	2	11
2.4. Granturi câștigate prin competiție, din care	2	13
Director / responsabil	1	4
C. Atestarea studiilor (diplome + foi matricole și a altor realizări profesionale)	Diploma de doctor în domeniul Știința și Ingineria Materialelor nr. 4802/15.08.2005	
	Diploma de licență, în domeniul Metalurgic, nr.3136/25.06.1992, emisă de Universitatea Transilvania Brașov	
	Certificat de absolvire a Departamentului pentru Pregătirea Personalului Didactic nr. 162 din 27.01.2003, emis de Universitatea Transilvania din Brașov	
	Curs postuniversitar de specializare „Poluarea, Protecția și Managementul Mediului”, diploma nr.1432 din 04.04.2011, eliberată de Universitatea Transilvania din Brașov	
	Curs de pregătire profesională „Formator” (M10) Certificat de Competențe Profesionale nr. 032361 din 25.01.2013, eliberat de Institutul regional pentru Cercetare, Educație și Transfer Tehnologic Cluj-Napoca.	

Subsemnata Stoicănescu Maria, candidată la concursul pentru ocuparea postului de Conferențiar, poziția 12, Departamentul de Știința Materialelor, Facultatea de Știința și Ingineria Materialelor, din Domeniul de Studii Universitare: Ingineria Materialelor, arondat Comisiei de Specialitate CNATDCU [OMECTS 6573/2012] Nr. 7, Ingineria Materialelor, declar pe proprie răspundere, cunoscând prevederile art. 292 privind falsul în declarații, din Legea 268/2009 – Codul Penal, că sunt îndeplinite toate Standardele Minime prevăzute de Metodologia Universității Transilvania din Brașov 2014, pentru înscrierea la concurs și OMECTS 650/2012 [C + P], în momentul înscrierii la concurs, și susțin veridicitatea informațiilor prezentate în dosar și în materialul de mai sus. Lucrările considerate a fi incluse în Baza ISI Thomson Reuters sau în alte Baze de Date Internaționale [BDI] sunt vizibile în aceste baze, în dreptul numelui candidatului, la aceasta data.

Candidat

17.12.2014

Stoicănescu Maria



Domeniul Fundamental: ȘTIINȚE INGINEREȘTI

Domeniul de Studii Universitare: INGINERIA MATERIALELOR

Comisia CNATDCU [nr./denumire]: INGINERIA MATERIALELOR

Condiții Minimale pentru Înscrierea la Concurs [Conferențiar]

Candidat: Stoicănescu Maria

Nr. crt.	Condiția minimală	Cerința	Realizat	Cerința este îndeplinită prin următoarele
1.1	Cărți și capitole în cărți de specialitate [autor, edituri naționale]	min.1	4	<p>1. Dinescu I., Smeadă M., Stoicănescu M.: Materiale moderne utilizate în tehnica militară, Ed. Academiei Forțelor Aeriene „Henri Coanda” Brasov, 2012, ISBN 978-606-8356-05-1 (144pag); $K_{pi} = \text{nr.pag} / 10 \times \text{nr.autori}$; $K1 = 144p / 10 \times 3 = 4,8$</p> <p>2. Smeadă M., Dinescu I., Stoicănescu M.: Materiale metalice si nemetalice utilizate în tehnica militară, Ed. Academiei Forțelor Aeriene „Henri Coanda” Brasov, 2012, ISBN 978-606-8356-06-8 (185pag); $K_{pi} = \text{nr.pag} / 10 \times \text{nr.autori}$; $K2 = 185p / 10 \times 3 = 6,16$</p> <p>3. Stoicănescu M., Giacomelli I., Zaharia M.: Fizica metalelor, Ed.Universității Transilvania din Brașov, 2006, ISBN (10) 973-635-745-7; ISBN (13) 978-973-635-745-9 (227pag); $K_{pi} = \text{nr.pag} / 10 \times \text{nr.autori}$; $K3 = 227p / 10 \times 3 = 7,56$</p> <p>4. Stoicănescu M. Giacomelli I: Aluminiul si aliajele de aluminiu, Ed.Universității Transilvania din Brașov, 2006, ISBN 978-973-635-946-0 (107pag); $K_{pi} = \text{nr.pag} / 10 \times \text{nr.autori}$; $K4 = 107p / 10 \times 2 = 5,35$</p>
Total 1.1				23,87
1.2	Manuale didactice / Monografii	min.1	1	<p>1. Stoicănescu M.: Tratamente termice aplicate aliajelor metalice, Ed. Universității Transilvania din Brașov, 2014, ISBN 978-606-19-0385-6 (273pag) $K_{pi} = \text{nr.pag} / 20 \times \text{nr.autori}$; $Kp1 = 273\text{pag} / 20 \times 1 = 13,65$</p>
	Îndrumare de laborator/aplicații	min. 1	2	<p>1. Stoicănescu M.: Tratamente termice. Aplicații, Editura Universității Transilvania din Brașov, 2014, ISBN978-606-19-0386-3 (139 pag); $K_{pi} = \text{nr.pag} / 25 \times \text{nr.autori}$; $K1 = 139 / 25 \times 1 = 5,56$</p> <p>2. Stoicănescu M., Giacomelli I.: Tratamente termice neconventionale- Indrumar de laborator, Ed. Universității Transilvania din Brașov, 2006, ISBN (10) 973-635-745-7; ISBN (13) 978-973-635-745-9(161 pag) $K_{pi} = \text{nr.pag} / 20 \times \text{nr.autori}$; $Kp2 = 161 / 25 \times 2 = 3,22$</p>
Total 1.2				22.43

gbr

1.3	Coordonare de programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale.		Curs postuniversitar Poluarea Protecția și Managementul Mediului – Responsabil (coordonator adjunct)	10	
Total 1.3				10	
Total A1= 1.1 +1.2+1.3				23.87 + 22.43 + 10 = 56.3	

82

2.1.	Articole ISI [Reviste + Conferințe]* din care	min. 10	22	<p>1. M. Socol, N. Preda, L. Vacareanu, M. Grigoras, G. Socol, I.N. Mihailescu, F. Stanculescu, M. Jelinek, A. Stanculescu, M.Stoicanescu: Organic heterostructures based on arylenevinylene oligomers deposited by MAPLE, în Conference: 5th European-Materials-Research-Society Symposium on Laser Material Interactions for Micro- and Nano- Applications Location: Strasbourg, FRANCE Date: MAY 27-31, 2013 Sponsor(s): European Mat Res Soc; Amplitude Syst; Quantel APPLIED SURFACE SCIENCE Volume: 302 Pages: 216-222 Published: MAY 30 2014, ISSN: 0169-4332 , FI 2013= 2.538 Document Information Document Type:Article; Proceedings Paper Language:English Accession Number: WOS:000333405800045 $Kpi = (25 + 20 \times FI) / nr. autori$ K1 = (25+20x2,538)/10=7,576</p> <p>2. A. Zara, M. Stoicănescu, I. Giacomelli, M. Cazacu: The using of laser radiation at surface hardening of improvement steels, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 15 Issue: 9-10 Pages: 1084-1089 Published: SEP-OCT 2013, ISSN: 1454-4164, FI 2013= 0,563 Document Information Document Type:Article Language:English Accession Number: WOS:000326414700026 $Kpi = (25 + 20 \times FI) / nr. autori$ K2 = (25+20x0,563)/4=9,065</p> <p>3. M. Cazacu, A. Zara, M. Stoicănescu, I. Giacomelli: Wear resistance of heat treatable steels, surface hardened with concentrated energy sources, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Volume: 15 Issue: 9-10 Pages: 1125-1130 Published: SEP-OCT 2013 ISSN: 1454-4164, FI 2013= 0,563 Document Information Document Type:Article Language:English Accession Number: WOS:000326414700033 $Kpi = (25 + 20 \times FI) / nr. autori$ K3 = (25+20x0,563)/4=9,065</p> <p>4. Maria Stoicanescu, Ioan Ciobanu, Aurel Crisan, About the Mathematical Modeling of the Chemical Intercrystalline microsegregation of a Steel with 0.533 %C, METALURGIA INTERNATIONAL Volume: 18 Special Issue:5, Pages: 143-148, Published: 2013, ISSN: 1582-2214, FI = 0,053 Document Information Document Type:Article Language:English Accession Number: WOS:000315611900029</p>
------	--	------------	----	--

82

$Kpi = (25 + 20 \times FI) / nr. autori$

$K4 = (25 + 20 \times 0,053) / 3 = 8,686$

5. Cazacu M., Giacomelli I., **Stoicanescu M.**,
Vasile George: Structural aspects of
thermomechanical treatments of a low alloyed
construction steel, METALURGIA
INTERNATIONAL Volume: 18, Special Issue:
6 Pages: 47-50, Published: 2013, ISSN: 1582-
2214, FI = 0,053

Document Information

Document Type: Article

Language: English

Accession Number: WOS:000315835600010

$Kpi = (25 + 20 \times FI) / nr. autori$

$K5 = (25 + 20 \times 0,053) / 4 = 6,515$

6. Cazacu M., Giacomelli I., **Stoicanescu M.**,
Vasile George, Wear behavior of layers
deposited by welding, METALURGIA
INTERNATIONAL Volume: 18 Special Issue:
5 Pages: 65-68 Published: 2013, ISSN: 1582-
2214, FI = 0,053

Document Information

Document Type: Article

Language: English

Accession Number: WOS:000315611900012

$Kpi = (25 + 20 \times FI) / nr. autori$

$K6 = (25 + 20 \times 0,053) / 4 = 6,515$

7. **Stoicanescu Maria**, Popa Paul, Cazacu Mihai,
Giacomelli Ioan: The influence of the heat
treatment after hardening on the properties of
tool steels for cold plastic deformation,
METALURGIA INTERNATIONAL, Volume:
17, Issue: 10 Pages: 121-124 Published: 2012,
ISSN: 1582-2214, FI = 0,134

Document Information

Document Type: Article

Language: English

Accession Number: WOS:000307370200021

$Kpi = (25 + 20 \times FI) / nr. autori$

$K7 = (25 + 20 \times 0,134) / 4 = 6,92$

8. Torodoc Nicoleta, **Stoicanescu Maria**,
Giacomelli Ioan - The cyclical annealing applied
to high-speed steels, METALURGIA
INTERNATIONAL Volume: 16 Issue: 5 Pages:
97-100 Published: 2011, ISSN: 1582-2214,
FI=0,084

Document Information

Document Type: Article

Language: English

Accession Number: WOS:000289606200022

$Kpi = (25 + 20 \times FI) / nr. autori$

$K8 = (25 + 20 \times 0,084) / 3 = 8,89$

9. **Stoicanescu Maria**, Smeada Mihaela -
Stationary magnetic field influence on
mechanical properties of aluminum alloys.

Experimental results, METALURGIA
INTERNATIONAL Volume: 15 Special Issue:
8 Pages: 30-34 Published: 2010, ISSN: 1582-
2214, FI = 0,15

Document Information

Document Type: Article

Language: English

Accession Number: WOS:000278729700005

$Kpi = (25 + 20 \times FI) / nr. autori$

$K9 = (25 + 20 \times 0,15) / 2 = 14$

10. Stoicanescu M., Smeada M. - Experimental
research regarding the thermic treatments applied
to aluminium alloys that are used in the aviation
technique, METALURGIA

INTERNATIONAL Volume: 14 Pages: 177-
180 Published: 2009, ISSN: 1582-2214, FI =
0,17

Document Information

Document Type: Article

Language: English

Accession Number: WOS:000265001700043

$Kpi = (25 + 20 \times FI) / nr. autori$

$K10 = (25 + 20 \times 0,17) / 2 = 14,2$

**11. Virgil Geamăn, Irinel Radomir, Maria
Stoicănescu, Ioan Popa** - Grain refinement in
AlSiCu alloy during cyclic extrusion, Edited by:
Lacob, AI; Baskan, GA; Uzunboylu, H,
Conference: World Conference on Business,
Economics and Management (BEM) Location:
Antalya, TURKEY Date: MAY 04-06, 2012

WORLD CONFERENCE ON BUSINESS,
ECONOMICS AND MANAGEMENT (BEM-
2012) Book Series:

Procedia Social and Behavioral Sciences Volume:
62 Pages: 775-778 Published: 2012, ISSN: 1877-
0428

Document Information

Document Type: Proceedings Paper

Language: English

Accession Number: WOS:000319841600125

$Ki = Volume: 20 / nr. Autori$

$K11 = 20 / 4 = 5$

12. Irinel Radomir, Virgil Geamăn,

Maria Stoicănescu: Densification mechanisms
made during creep techniques applied to the hot
isostatic, Edited by: Lacob, AI; Baskan, GA;
Uzunboylu, H

Conference: World Conference on Business, Economics
and Management (BEM) Location: Antalya, TURKEY
Date: MAY 04-06, 2012

WORLD CONFERENCE ON BUSINESS,
ECONOMICS AND MANAGEMENT (BEM-
2012) Book Series: Procedia Social and Behavioral
Sciences Volume: 62 Pages: 779-782 Published: 2012,
ISSN: 1877-0428

Document Information

			<p>Document Type:Proceedings Paper Language:English Accession Number: WOS:000319841600126 Ki = 20 / nr.Autori K12= 20/3=6.66 13. Maria Stoicănescu, Mihaela Smeadă, Virgil Geamăn, Irinel Radomir, The influence of work parameters about the heat treatment applied to AlCu4Mg1,5Mn - aluminum alloy , Edited by: Lacob, AI; Baskan, GA; Uzunboylyu, H Conference: World Conference on Business, Economics and Management (BEM) Location: Antalya, TURKEY Date: MAY 04-06, 2012 WORLD CONFERENCE ON BUSINESS, ECONOMICS AND MANAGEMENT (BEM-2012) Book Series: Procedia Social and Behavioral Sciences Volume: 62 Pages: 886-890 Published: 2012, ISSN: 1877-0428 Document Information Document Type:Proceedings Paper Language:English Accession Number: WOS:000319841600144 Ki = 20 / nr.Autori K13 =20/4=5 14. Mihaela Smeadă, Maria Stoicănescu, Irinel Radomir, Lucica Geamăn: Artificial Ageing of Aluminum Alloys. Statistical Studies of Results, Edited by: Lacob, AI; Baskan, GA; Uzunboylyu,H Conference: World Conference on Business, Economics and Management (BEM) Location: Antalya, TURKEY Date: MAY 04-06, 2012 WORLD CONFERENCE ON BUSINESS, ECONOMICS AND MANAGEMENT (BEM-2012) Book Series: Procedia Social and Behavioral Sciences Volume: 62 Pages: 881-885 Published: 2012, ISSN: 1877-0428 Document Information Document Type:Proceedings Paper Language:English Accession Number: WOS:000319841600143 Ki = 20 / nr.Autori,K14 =20/4=5 15. Geaman V.,Axente M., Stoicanescu M. - Isostatic processing technology applied to duralumin alloys , Edited by: Nedelcu, D; Slatineanu, L; Mazuru, S; et al. Conference: 14th International Conference on Modern Technologies, Quality and Innovation (ModTech 2010) Location: Slanic-Moldova, ROMANIA Date: MAY 20-22, 2010 MODTECH 2010: NEW FACE OF TMCR, PROCEEDINGS Book Series: Proceedings of the International Conference ModTech Pages: 299-302 Published: 2010, ISSN: 2066-3919 Document Information Document Type:Proceedings Paper Language:English Accession Number: WOS:000282604000072</p>
--	--	--	--

Ki = 20 / nr.Autori

K15 =20/3=6,66

16. Stoicanescu M., Smeada M., Geaman V. - The influence of themagnetic field on the mechanical properties of the aluminum alloys, Edited by: Nedelcu, D; Slatineanu, L; Mazuru, S; et al.

Conference: 14th International Conference on Modern Technologies, Quality and Innovation (ModTech 2010)
Location: Slanic-Moldova, ROMANIA Date: MAY 20-22, 2010

MODTECH 2010: NEW FACE OF TMCR,
PROCEEDINGS Book Series: Proceedings of the International Conference ModTech Pages: 587-590
Published: 2010, ISSN: 2066-3919

Document Information

Document Type:Proceedings Paper

Language:English

Accession Number: WOS:000282604000144

Ki = 20 / nr.Autori

K16 =20/3=6,66

17. Stoicanescu M., Veteleanu A. - The influence of working parameters on the results of the heat treatment applied to some aluminum alloys, Edited by: Nedelcu, D; Slatineanu, L; Mazuru, S; et al.

Conference: 14th International Conference on Modern Technologies, Quality and Innovation (ModTech 2010)
Location: Slanic-Moldova, ROMANIA Date: MAY 20-22, 2010

MODTECH 2010: NEW FACE OF TMCR,
PROCEEDINGS Book Series: Proceedings of the International Conference ModTech Pages: 583-586
Published: 2010, ISSN: 2066-3919

Document Information

Document Type:Proceedings Paper

Language:English

Accession Number: WOS:000282604000143

Ki = 20 / nr.Autori

K17 =20/2=10

18. Stoicanescu Maria, Smeada Mihaela, Geaman Virgil - Unconventional heat treatments applied to aluminum alloys used in airforce technique,

Conference: 1st International Conference on Manufacturing Engineering, Quality and Production Systems Location: Transilvania Univ Brasov, Brasov, ROMANIA Date: SEP 24-26, 2009 ADVANCES IN MANUFACTURING ENGINEERING, QUALITY AND PRODUCTION SYSTEMS, VOL II Book Series:

Mathematics and Computers in Science and Engineering
Pages: 440-444 Published: 2009, ISBN:978-960-474-122-9

Document Information

Document Type:Proceedings Paper

Language:English

83

Accession Number: WOS:000295540700035

Ki = 20 / nr.Autori

K18 =20/3=6,66

19. Geaman Virgil, Milosan Ioan, Stoicanescu

Maria-Changes which appear in the ideal gas law under the temperatures and pressures used in hot isostatic processing , Conference: 19th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing Location: Trnava, SLOVAKIA Date: OCT 22-25, 2008 , ANNALS OF DAAAM FOR 2008 & PROCEEDINGS OF THE 19TH INTERNATIONAL DAAAM SYMPOSIUM Book Series: Annals of DAAAM and Proceedings Pages: 531-532
Published: 2008 ISBN:978-3-901509-68-1, ISSN: 1726-9679

Document Information

Document Type:Proceedings Paper

Language:English

Accession Number: WOS:000262860100265

Ki = 20 / nr.Autori

K19 =20/3=6,66

20. Milosan Ioan, Geaman Virgil, Stoicanescu

Maria – The manufacturing of a cryogenic cast iron alloyed used in automotive industry, _ Conference: 19th International Symposium of the Danube-Adria-Association-for- Automation-and-Manufacturing Location: Trnava, SLOVAKIA Date: OCT 22-25, 2008

ANNALS OF DAAAM FOR 2008 & PROCEEDINGS OF THE 19TH INTERNATIONAL DAAAM SYMPOSIUM Book Series: Annals of DAAAM and Proceedings Pages: 871-872 Published: 2008 , ISBN:978-3-901509-68-1, ISSN: 1726-9679

Document Information

Document Type:Proceedings Paper

Language:English

Accession Number: WOS:000262860100435

Ki = 20 / nr.Autori

K20 =20/3=6,66

21. Geaman V., Jiman V., Stoicanescu Maria: The increasing of mechanical properties to isostatically compacted pieces made from duralumin alloys by applying heat treatments, Conference: 6th International Conference of DAAAM Baltic Industrial Engineering Location: DAAAM Int Vienna, Tallinn, ESTONIA Date: APR 24-26, 2008 PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE OF DAAAM BALTIC INDUSTRIAL ENGINEERING, PTS 1 AND 2 Pages: 431-435
Published: 2008 , ISBN:978-9-985-59783-5

Document Information

				<p>Document Type:Proceedings Paper Language:English Accession Number: WOS:000257464400071 Ki = 20 / nr.Autori K21 =20/3=6,66</p>
--	--	--	--	---

22. Stoicănescu M., Giacomelli I., Pantelimon M. -
Studies concerning the capacity the aluminum
alloy for cold age hearding by heat treatment in
electromagnetic field, Conference: 4th International
Conference on Materials and Manufacturing
Technologies (MATEHN 06) Location: Cluj Napoca,
ROMANIA Date: SEP 21-23, 2006 MATERIALS
AND TECHNOLOGIES Book Series: ADVANCED
MATERIALS RESEARCH Volume: 23 Pages:
201-204 Published: 2007, ISBN:978-0-87849-
460-6,

ISSN: 1022-6680

Document Information

Document Type:Proceedings Paper

Language:English

Accession Number: WOS:000252159400043

Ki = 20 / nr.Autori

K22 =20/3=6,66

	<p>Reviste cotate ISI din care</p>	<p>min.5</p>	<p>10</p>	<ol style="list-style-type: none"> <p>M. Socol, N. Preda, L. Vacareanu, M. Grigoras, G. Socol, I.N. Mihailescu, F. Stanculescu, M. Jelinek, A. Stanculescu, M.Stoicanescu: Organic heterostructures based on arylenevinylene oligomers deposited by MAPLE, în Conference: 5th European-Materials-Research-Society Symposium on Laser Material Interactions for Micro- and Nano- Applications Location: Strasbourg, FRANCE Date: MAY 27-31, 2013 Sponsor(s): European Mat Res Soc; Amplitude Syst; Quantel</p> <p>APPLIED SURFACE SCIENCE Volume: 302 Pages: 216-222 Published: MAY 30 2014, ISSN: 0169-4332 , FI 2013= 2.538</p> <p>Document Information Document Type:Article; Proceedings Paper Language:English Accession Number: WOS:000333405800045</p> <p>A. Zara, M. Stoicănescu, I. Giacomelli, M. Cazacu: The using of laser radiation at surface hardening of improvement steels, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 15 Issue: 9-10 Pages: 1084-1089 Published: SEP-OCT 2013, ISSN: 1454-4164, FI 2013= 0,563</p> <p>Document Information Document Type:Article Language:English Accession Number: WOS:000326414700026</p> <p>M. Cazacu, A. Zara, M. Stoicănescu, I. Giacomelli: Wear resistance of heat treatable steels, surface hardened with concentrated energy sources, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Volume: 15 Issue: 9-10 Pages: 1125-1130 Published: SEP-OCT 2013 ISSN: 1454-4164, FI 2013= 0,563</p> <p>Document Information Document Type:Article Language:English Accession Number: WOS:000326414700033</p> <p>Maria Stoicanescu, Ioan Ciobanu, Aurel Crisan, About the Mathematical Modeling of the Chemical Intercrystalline microsegregation of a Steel with 0.533 %C, METALURGIA INTERNATIONAL Volume: 18 Special Issue: 5 , Pages: 143-148, Published: 2013, ISSN: 1582-2214, FI = 0,053</p> <p>Document Information Document Type:Article Language:English Accession Number: WOS:000315611900029</p> <p>Cazacu M., Giacomelli I., Stoicanescu M., Vasile George: Structural aspects of thermomechanical treatments of a low allied construction steel, METALURGIA INTERNATIONAL Volume: 18, Special Issue:</p>
--	---	---------------------	------------------	---

6 Pages: 47-50, Published: 2013, ISSN: 1582-2214, FI = 0,053

Document Information

Document Type:Article

Language:English

Accession Number: WOS:000315835600010

6. Cazacu M., Giacomelli I., **Stoicanescu M.**,
Vasile George, Wear behavior of layers
deposited by welding, METALURGIA
INTERNATIONAL Volume: 18 Special Issue:
5 Pages: 65-68 Published: 2013, ISSN: 1582-
2214, FI = 0,053

Document Information

Document Type:Article

Language:English

Accession Number: WOS:000315611900012

7. **Stoicanescu Maria**, Popa Paul, Cazacu Mihai,
Giacomelli Ioan: The influence of the heat
treatment after hardening on the properties of
tool steels for cold plastic deformation,
METALURGIA INTERNATIONAL, Volume:
17 Issue: 10 Pages: 121-124 Published: 2012,
ISSN: 1582-2214, FI = 0,134

Document Information

Document Type:Article

Language:English

Accession Number: WOS:000307370200021

8. Torodoc Nicoleta, **Stoicanescu Maria**,
Giacomelli Ioan - The cyclical annealing applied
to high-speed steels, METALURGIA
INTERNATIONAL Volume: 16 Issue: 5 Pages:
97-100 Published: 2011, ISSN: 1582-2214,
FI=0,084

Document Information

Document Type:Article

Language:English

Accession Number: WOS:000289606200022

9. **Stoicanescu Maria**, Smeada Mihaela -
Stationary magnetic field influence on
mechanical properties of aluminum alloys.
Experimental results, METALURGIA
INTERNATIONAL Volume: 15 Special Issue:
8 Pages: 30-34 Published: 2010, ISSN: 1582-
2214, FI = 0,15

Document Information

Document Type:Article

Language:English

Accession Number: WOS:000278729700005

10. **Stoicanescu M.**, Smeada M.- Experimental
research regarding the thermic treatments applied
to aluminium alloys that are used in the aviation
technique, METALURGIA
INTERNATIONAL Volume: 14 Pages: 177-
180 Published: 2009, ISSN: 1582-2214, FI =
0,17

	<p>Factor de impact [FI] de min.0,5</p>	<p>min.3</p>	<p>3</p>	<p>Document Information Document Type:Article Language:English Accession Number: WOS:000265001700043</p> <p>1. M. Socol, N. Preda, L. Vacareanu, M. Grigoras, G. Socol, I.N. Mihailescu, F. Stanculescu, M. Jelinek, A. Stanculescu, M.Stoicanescu: Organic heterostructures based on arylenevinylene oligomers deposited by MAPLE, în Conference: 5th European-Materials-Research-Society Symposium on Laser Material Interactions for Micro- and Nano-Applications Location: Strasbourg, FRANCE Date: MAY 27-31, 2013 Sponsor(s): European Mat Res Soc; Amplitude Syst; Quantel APPLIED SURFACE SCIENCE Volume: 302 Pages: 216-222 Published: MAY 30 2014, ISSN: 0169-4332 , FI 2013= 2.538</p> <p>Document Information Document Type:Article; Proceedings Paper Language:English Accession Number: WOS:000333405800045</p> <p>2. A. Zara, M. Stoicănescu, I. Giacomelli, M. Cazacu: The using of laser radiation at surface hardening of improvement steels, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 15 Issue: 9-10 Pages: 1084-1089 Published: SEP-OCT 2013, ISSN: 1454-4164, FI 2013= 0,563</p> <p>Document Information Document Type:Article Language:English Accession Number: WOS:000326414700026</p> <p>3. M. Cazacu, A. Zara, M. Stoicănescu, I. Giacomelli: Wear resistance of heat treatable steels, surface hardened with concentrated energy sources, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Volume: 15 Issue: 9-10 Pages: 1125-1130 Published: SEP-OCT 2013 ISSN: 1454-4164, FI 2013= 0,563</p> <p>Document Information Document Type:Article Language:English Accession Number: WOS:000326414700033</p> <p>1. Maria Stoicanescu, Ioan Ciobanu, Aurel Crisan, About the Mathematical Modeling of the Chemical Intercrystalline microsegregation of a Steel with 0.533 %C, METALURGIA</p>
	<p>Autor principal [indiferent FI]</p>	<p>min2.</p>	<p>9</p>	

82

INTERNATIONAL Volume: 18 Special
Issue: 5 , Pages: 143-148, Published: 2013,
ISSN: 1582-2214, FI = 0,053

Document Information

Document Type:Article

Language:English

Accession Number: WOS:000315611900029

- 2. Stoicanescu Maria**, Popa Paul, Cazacu Mihai, Giacomelli Ioan: The influence of the heat treatment after hardening on the properties of tool steels for cold plastic deformation, METALURGIA

INTERNATIONAL, Volume: 17 Issue: 10
Pages: 121-124 Published: 2012, ISSN: 1582-2214, FI = 0,134

Document Information

Document Type:Article

Language:English

Accession Number: WOS:000307370200021

- 3. Stoicanescu Maria**, Smeada Mihaela - Stationary magnetic field influence on mechanical properties of aluminum alloys. Experimental results, METALURGIA INTERNATIONAL Volume: 15 Special Issue: 8 Pages: 30-34 Published: 2010, ISSN: 1582-2214, FI = 0,15

Document Information

Document Type:Article

Language:English

Accession Number: WOS:000278729700005

- 4. Stoicanescu M.**, Smeada M.- Experimental research regarding the thermic treatments applied to aluminium alloys that are used in the aviation technique, METALURGIA INTERNATIONAL Volume: 14 Pages: 177-180 Published: 2009, ISSN: 1582-2214, FI = 0,17

Document Information

Document Type:Article

Language:English

Accession Number: WOS:000265001700043

- 5. Maria Stoicănescu**, Mihaela Smeadă, Virgil Geamăn, Irinel Radomir, The influence of work parameters about the heat treatment applied to AlCu4Mg1,5Mn - aluminum alloy , Conference: World Conference on Business, Economics and Management (BEM) Location: Antalya, TURKEY Date: MAY 04-06, 2012

WORLD CONFERENCE ON BUSINESS, ECONOMICS AND MANAGEMENT (BEM-2012) Book Series: Procedia Social and Behavioral Sciences Volume: 62 Pages: 886-890 Published: 2012, ISSN: 1877-0428

Document Information

Document Type:Proceedings Paper

Language:English

83

Accession Number: WOS:000319841600144

- 6. Stoicanescu M.,** Smeada M., Geaman V. - The influence of the magnetic field on the mechanical properties of the aluminum alloys, Conference: 14th International Conference on Modern Technologies, Quality and Innovation (ModTech 2010) Location: Slanic-Moldova, ROMANIA Date: MAY 20-22, 2010 MODTECH 2010: NEW FACE OF TMCR, PROCEEDINGS Book Series: Proceedings of the International Conference ModTech Pages: 587-590 Published: 2010, ISSN: 2066-3919

Document Information

Document Type: Proceedings Paper

Language: English

Accession Number: WOS:000282604000144

- 7. Stoicanescu M.,** Veteleanu A. - The influence of working parameters on the results of the heat treatment applied to some aluminum alloys, Conference: 14th International Conference on Modern Technologies, Quality and Innovation (ModTech 2010) Location: Slanic-Moldova, ROMANIA Date: MAY 20-22, 2010 MODTECH 2010: NEW FACE OF TMCR, PROCEEDINGS Book Series: Proceedings of the International Conference ModTech Pages: 583-586 Published: 2010, ISSN: 2066-3919

Document Information

Document Type: Proceedings Paper

Language: English

Accession Number: WOS:000282604000143

- 8. Stoicanescu Maria,** Smeada Mihaela, Geaman Virgil - Unconventional heat treatments applied to aluminum alloys used in airforce technique,

Conference: 1st International Conference on Manufacturing Engineering, Quality and Production Systems Location: Transilvania Univ Brasov, Brasov, ROMANIA Date: SEP 24-26, 2009

ADVANCES IN MANUFACTURING ENGINEERING, QUALITY AND PRODUCTION SYSTEMS, VOL II Book Series: Mathematics and Computers in Science and Engineering Pages: 440-444 Published: 2009, ISBN: 978-960-474-122-9

Document Information

Document Type: Proceedings Paper

Language: English

Accession Number: WOS:000295540700035

- 9. Stoicănescu M.,** Giacomelli I., Pantelimon M. - Studies concerning the capacity the aluminum alloy for cold age hardening by heat treatment in electromagnetic field, Conference: 4th International Conference on Materials and Manufacturing Technologies (MATEHN 06) Location: Cluj Napoca, ROMANIA Date: SEP 21-23, 2006

MATERIALS AND TECHNOLOGIES Book Series:

82

				<p>ADVANCED MATERIALS RESEARCH Volume: 23 Pages: 201-204 Published: 2007, ISBN:978-0-87849-460-6, ISSN: 1022-6680 Document Information Document Type:Proceedings Paper Language:English Accession Number: WOS:000252159400043</p>
Total A2.1				169,712
A2.2	Alte Baze de Date Internaționale (BDI) [Reviste + Conferințe]*	min. 2	11	<p>1. Stoicanescu M. - Theoretical and practical considerations on some of the diffusion aspects in the presence of mechanical vibrations, Jurnal BDI: European Scientific Journal, vol 3,, 2014, ISSN: 1857 - 7881 (Print), ISSN: 1857 - 7431 (Online), pag. 169-172; http://eujournal.org/index.php/esj/issue/view/109 http://scholar.google.ro/scholar?q=Theoretical+and+practical+considerations+on+some+of+the+diffusion+aspects+in+the+presence+of+mechanical+vibrations&btnG=&hl=ro&as_sdt=0%2C5</p> <p>Ki = 20/nr.autori K1 = 20/1 = 20</p> <p>2. Maria STOICĂNESCU, Studies concerning the possibility of hardening through thermic isothermal treatment of the casting alloys of aluminum, rev. Recent , Vol. 15, nr. 3(43)/2014, ISSN 2065-4529, pag. 215-219, <u>Index Copernicus Journal Master List</u> Ki = 20/nr.autori K2 = 20/1 = 20</p> <p>3. M. Stoicănescu, The correlation between structure and working parameters for alloy AlCu4PbMgMn, rev. Metalurgia nr. 3/2014, ISSN 0461-9579, pg. 26-29 http://scholar.google.ro/scholar?as_ylo=2014&q=stoicanescu+maria&hl=ro&as_sdt=0,5 Ki = 20/nr.autori K3 = 20/1 = 20</p> <p>4. M. Stoicănescu, A. Zara, I. Giacomelli, G. Vasile, I. Milosan: Using the laser radiation at hard deposits on steels to improve, Journal Of Intense Pulsed Lasers And Applications In Advanced Physics Vol. 4, No. 4, 2014, ISSN 2069-8631, p. 71 – 75 http://www.chalcogen.ro/71_Stoicanescu.pdf Ki = 20/nr.autori K4= 20/5 = 4</p> <p>5. Mihaela SMEADĂ, Maria STOICĂNESCU:</p>

82

Studies and experimental researches on physical and mechanical properties of aluminum alloys, "Mircea cel Batran" Naval Academy Scientific Bulletin, Volume XVI – 2013 – Issue 1 Published by "Mircea cel Batran" Naval Academy Press, Constanta, Romania, ISSN: 1454864X, pg.151-154

http://scholar.google.com/scholar?as_ylo=2014&q=stoicanescu+maria&hl=ro&as_sdt=0,5&lookup=0

Ki = 20/nr.autori

K5 = 20/2 = 10

6. **Stoicanescu M.** - The influence of the heat treatment after hardening on the properties of tool steels, rev. Metalurgia nr.8/2013, ISSN 0461-9579, pag 38-42;

<http://tls.proquest.com/tls/jsp/list/ListHTML.jsp?start=5000&productID=6044&productName=ProQuest+SciTech+Collection&IDString=6044&format=formatHTML&issn=issn&combined=combined&showcounts=true; http://www.ebscohost.com/titleLists/e5h-coverage.htm>

Ki = 20/nr.autori

K6 = 20/1 = 20

7. Mihaela SMEADĂ, **Maria STOICĂNESCU** - Experimental studies on improving the mechanical properties of aluminum alloys, Review of the Air Force Academy No 1 (23) , 2013, pg. 45-48, ISSN: 2069-4733

<http://scholar.google.com/>

Ki = 20/nr.autori

K7 = 20/2 = 10

8. **Stoicanescu M.** , Giacomelli I. - Results obtained by different mode achieving heat treatment of aluminum alloys, Metalurgia, nr 6/2010, ISSN 0461-9579

<http://tls.proquest.com>

Ki = 20/nr.autori

K8 = 20/2 = 10

9. Camelia PITULICE, Ioan GIACOMELLI, **Maria STOICANESCU**, The influence of heat and surface treatment on the wear resistance of titanium alloys, INTERNATIONAL CONFERENCE of SCIENTIFIC PAPER AFASES 2014, ISSN , ISSN-L: 2247-3173, pg. 227-232

http://scholar.google.com/scholar?as_ylo=2014&q=stoicanescu+maria&hl=ro&as_sdt=0,5&lookup=0

Ki = 10/nr.autori

K9 = 10/3 = 3.33

10. Aurel CRIȘAN, Ioan CIOBANU, Daniela IONESCU, **Maria STOICĂNESCU**, Computer simulation based comparative study on the solidification of a cast iron and steel casting, INTERNATIONAL CONFERENCE of SCIENTIFIC PAPER AFASES 2014 , ISSN-L:

				<p>2247-3173, pg. 157-164 http://scholar.google.com/scholar?as_ylo=2014&q=stoicanescu+maria&hl=ro&as_sdt=0,5&lookup=0 Ki = 10/nr.autori K10 = 10/4 = 2,5</p> <p>11. Smeada, Mihaela; Stoicanescu, Maria Interpretation of the experimental results on the mechanical properties of the aluminum alloy ATSi 6Cu 4Mn; Review of the Air Force Academy No 2 (26) 2014 ISSN: 2069-4733, pg.97-101 http://search.proquest.com/docview/1528863125?accountid=7257</p> <p>Ki = 20/nr.autori K11 = 20/2 = 10</p>
Total A2.2				129,83
A 2.4	Granturi/proiecte castigate prin competitie, din care	min. 2 din care	13	<ol style="list-style-type: none"> 1 Proiect international SFERA II 2014 - director 2 Contract cu terti 2014-2015- director valoare 45.087 RON 3 Contract cu terti 2010-2011 - director valoare 97105 RON 4 PNII-Domeniul 3- 31-004/2007- Tehnologie de procesare a deseurilor periculoase din industria aluminiului secundar pentru obtinerea de coagulanti utilizati la purificarea apelor, in scopul prevenirii poluarii mediului si a conservarii resurselor naturale - Responsabil financiar 5 PNII-Domeniul 7- 71-058/2007 Metode noi de sinteza a materialelor compozite prin procedee in situ 6 CNCSIS, cod CNCSIS 417 Cercetari cu privire la procesarea si proprietatile aliajelor de aluminiu amorf masive 7 CEEX-M1- nr.67/2006 Concept inovativ de realizare in jet de plasma a straturilor dure cu proprietati controlate, rezistente la uzura si coroziune 8 CEEX-M1- nr.260/2006 Modelarea matematica a proceselor care au loc la turnarea pieselor metalice, in vederea reducerii consumurilor de materiale si energie 9 CEEX-M 3- nr.114/2006 Stabilirea unei strategii de afirmare pe plan european a

				<p>cercetarilor in domeniul metalizarii in jet de plasma a pulberilor rezistente la uzura si coroziune-JETOR</p> <p>10 CEEEX-M1- nr.154/2006 Sistem integrat de cercetari avansate pentru biomateriale alternative cu aplicatii in stomatologie-BIODENTAL</p> <p>11 CEEEX-M1- nr.244/2006 Materiale oxidice naturale si secundare utilizate in tehnologiile pulberilor destinate turnarii otelurilor</p> <p>12 CEEEX-M1- nr.164/2006 Sistem ecologic de regenerare destinat reciclarii deseurilor de amestec de formare liat chimic in industria de turnatorie</p> <p>13 CEEEX-M1- nr.53/2005 Metode de procesare a cenusilor reziduale din industria aluminului secundar cu scopul prevenirii poluarii mediului si conservarii resurselor naturale</p>
Director/ Responsabil	min.1 dir. Sau resp.	4		<p>1. Proiect international SFERA II 201 4 – la 'CIEMAT-PSA' nr. P1404300065 for SF5: Using the solar energy at heat treatments at surfaces of the metal alloys- director</p> <p>Kpi=20 x ani desfasurare K1 = 20 x3 săptămâni = 1,25</p> <p>2. Contract cu terti 2014-2015- Cercetări privind stabilirea cauzelor apariției neomogenităților structurale în vederea diminuării/eliminării lor în produsele din ATSi7Mg0.3 de tip bară, valoare 45.087 RON - director</p> <p>Kpi = 10 x ani desfasurare K2 = 10x2 = 20</p> <p>3. Contract cu terti 2010-2011 - Studii si cercetari privind imbunatatirea calitatii produselor SC ALRO Slatina SA si instruirea personalului operator - valoare 97105 RON - director</p> <p>Kpi = 10 x ani desfasurare K3 = 10x1 = 10</p> <p>4. PNII-Domeniul 3- 31-004/2007- Responsabil financiar</p> <p>Kpi = 10 x ani desfasurare K4 = 10x4 = 40</p>
	Intern ational	1		<p>1. Proiect international SFERA II 201 4 la 'CIEMAT-PSA' nr. P1404300065 for SF5: Using the solar energy at heat treatments at surfaces of the metal alloys- director</p>
	Natio nal	3		<p>1. Contract cu terti 2014-2015- Cercetări privind stabilirea cauzelor apariției</p>

82

				<p>neomogenităților structurale în vederea diminuării/eliminării lor în produsele din ATSi7Mg0.3 de tip bară, valoare 45.087 RON - director</p> <p>2. Contract cu terți 2010-2011 - Studii si cercetari privind imbunatatirea calitatii produselor SC ALRO Slatina SA si instruirea personalului operator - valoare 97105 RON - director.</p> <p>3. PNII-Domeniul 3- 31-004/2007- Tehnologie de procesare a deseurilor periculoase din industria aluminiului secundar pentru obtinerea de coagulanti utilizati la purificarea apelor, in scopul prevenirii poluarii mediului si a conservarii resurselor naturale - Responsabil financiar</p>
		Memb ru în echipa nation al	9	<p>1. PNII-Domeniul 7- 71-058/2007 Metode noi de sinteza a materialelor compozite prin procedee in situ Kpi = 2 x ani desfasurare K1 = 2x4 = 8</p> <p>2. CNCISIS, cod CNCISIS 417 Cercetari cu privire la procesarea si proprietatile aliajelor de aluminiu amorfe masive Kpi = 2 x ani desfasurare K2 = 2x 3 = 6</p> <p>3. CEEEX-M1- nr.67/2006 Concept inovativ de realizare in jet de plasma a straturilor dure cu proprietati controlate, rezistente la uzura si coroziune Kpi = 2 x ani desfasurare K3 = 2x 3 = 6</p> <p>4. CEEEX-M1- nr.260/2006 Modelarea matematica a proceselor care au loc la turnarea pieselor metalice, in vederea reducerii consumurilor de marteriale si energie Kpi = 2 x ani desfasurare K4 = 2x 3 = 6</p> <p>5. CEEEX-M 3- nr.114/2006 Stabilirea unei strategii de afirmare pe plan european a cercetarilor in domeniul metalizarii in jet de plasma a pulberilor rezistente la uzura si coroziune-JETOR Kpi = 2 x ani desfasurare K5 = 2x 2 = 4</p> <p>6. CEEEX-M1- nr.154/2006 Sistem integrat de cercetari avansate pentru biomateriale alternative cu aplicatii in stomatologie-BIODENTAL Kpi = 2 x ani desfasurare</p>

82

				<p>$K6 = 2 \times 3 = 6$</p> <p>7. CEEX-M1- nr.244/2006 Materiale oxidice naturale si secundare utilizate in tehnologiile pulberilor destinate turnarii otelurilor</p> <p>$K_{pi} = 2 \times \text{ani desfasurare}$</p> <p>$K7 = 2 \times 3 = 6$</p> <p>8. CEEX-M1- nr.164/2006 Sistem ecologic de regenerare destinat reciclarii deseurilor de amestec de formare liat chimic in industria de turnatorie</p> <p>$K_{pi} = 2 \times \text{ani desfasurare}$</p> <p>$K8 = 2 \times 3 = 6$</p> <p>9. CEEX-M1- nr.53/2005 Metode de procesare a cenusilor reziduale din industria aluminiului secundar cu scopul prevenirii poluarii mediului si conservarii resurselor naturale</p> <p>$K_{pi} = 2 \times \text{ani desfasurare}$</p> <p>$K9 = 2 \times 3 = 6$</p>
Total A2.4				71,25 + 54 = 125,25
Total A2 = 2.1 + 2.2 + 2.4 = 169,712 + 129,83 + 125,25 = 424,792				424,792
3.1	Citări în reviste ISI și BDI	ISI		<p>1. M. Cazacu, A. Zara, M. Stoicănescu, I. Giacomelli: Wear resistance of heat treatable steels, surface hardened with concentrated energy sources</p> <p>JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 15 Issue: 9-10 Pages: 1125-1130 Published: SEP-OCT 2013, ISSN: 1454-4164, FI = 0,563</p> <p>Document Information Document Type: Article Language: English Accession Number: WOS:000326414700033</p> <p>Turcan, O.; Dontu, O.; Moreno, J. L. Ocana; et al: Increasing of the superficial hardness of a coupling system realized from a low carbon steel ST37-2 by surface treatment with Nd:YAG laser, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 16 Issue: 1-2 Pages: 20-24 Published: JAN-FEB 2014, FI = 0,563</p> <p>$K_{pi} = 10/\text{nr. autori pentru } 0.5 \leq FI < 1; K1 = 10/4 = 2,5$</p>
Total 3.1				2,5

3.3	Membru in colectivele de redactie sau comitete stiintifice al revistelor si manifestarilor stiintifice, organizator de manifestari stiintifice / Recenzor pentru reviste si manifestari stiintifice nationale si internationale indexate ISI	ISI organ izator de manif estari stiinti fice		Kpi = Membru -10 Conferința BRAMAT : 2009, 2011, 2013, 2015: K1 = 10; K2 = 10; K3 = 10; K4 = 10 Conferinta ROCAM 2013 K5 = 10
Total 3.3				50
3.5	Premii	premi i nation ale in dome niu	Bursa Universității Transilvania din Brașov	K1 = 5
Total 3.5				5
3.6	Membru in academii, organizatii, asociatii profesionale de prestigiu, nationale si internationale, apartenență la organizatii din domeniul educatiei si cercetarii	Asoci atii profes ionale	nationale	ATTR ATIS Kpi = 3 x nr. asoc K = 3x2 =6
Total 3.6				6
Total A3= 3.1 + 3.3+3.5 +3.6 = 2,5 +50+5+6=63,5				63,5
	Total punctaj, din care: A1 – Activitatea Didactică/Profesi onală A2 – Activitatea de cercetare A3 –	min.200 min.20 min.150	544,592 56.3 424,792	Se atașează desfășurătorul de calcul al punctajului, corespunzător activităților specifice fiecărui domeniu de studii iniversitare [OMECTS 6560/20.12.2012, MO.PI, 890bis/27.12.2012

82

	Recunoașterea impactului Activității	min.30	63,5	
--	---	---------------	-------------	--

*Articolele ISI/BDI (Reviste +Conferințe), vizibile în baza ISI THOMSON Reuters sau alte baze BDI, în momentul înscrierii la concurs

Subsemnata Stoicănescu Maria, candidată la concursul pentru ocuparea postului de Conferențiar, poziția 12, Departamentul de Știința Materialelor, Facultatea de Știința și Ingineria Materialelor, din Domeniul de Studii Universitare: Ingineria Materialelor, arondat Comisiei de Specialitate CNATDCU [OMECTS 6573/2012] Nr. 7, Ingineria Materialelor, declar pe proprie răspundere, cunoscând prevederile art. 292 privind falsul în declarații, din Legea 268/2009 – Codul Penal, că sunt îndeplinite toate Standardele Minimale prevazute de OMECTS 650/2012 , corespunzătoare acestui post/domeniu/comisie CNATDCU, in momentul înscrierii la concurs, si sustin veridicitatea informațiilor prezentate în dosar si în materialul de mai sus.

CANDIDAT: STOICĂNESCU MARIA 