

LISTA COMPLETĂ DE LUCRĂRI PUBLICATE

Conf.dr.ing. STOICĂNESCU Maria

Lista de lucrări relevantă

1. Stoicanescu, M., Crisan, A., Milosan I., Pop, M. A., Rodriguez G. J., Giacomelli, I., Bedo, T., Canadas Martinez, I., Semenescu, A., Florea, B., Chivu, O. R., Heat Treatment of Steel 1.1730 with Concentrated Solar Energy, Materiale Plastice, v. 56, Issue 1, pp. 261-270, Martie 2019, ISSN: 2537-5741; F.I.: 1,248 Accession Number: WOS:000464604100052
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=D5yVTqfkoekabdEgMTk&page=1&doc=3
2. Ioan Milosan , Gilles Flamant , Ionelia Voiculescu, Victor Geanta , Daniel Munteanu, Tibor Bedo , Mihai Alin Pop , Augustin Semenescu, Aurel Crisan, Daniel Cristea, Ioan Giacomelli, **Maria Stoicanescu**, Camelia Gabor, Flavius Aurelian Sarbu, Ioana Ghiuta -Comparative Study of Heat Treatment Effects Performed with Solar Energy and Electric Furnace on EN 1.4848 Stainless Steel Alloyed with Co, W, Cu and Mo, REV.CHIM.(Bucharest), 69, No. 5 , 2018, p. 798-801, ISSN 2537-5733, Factor Impact: 0.383,
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3. E. L. Tiron, A. Crisan,T. Bedó, **M. Stoicanescu**, M. A. Pop,D. Cristea- The Influence of Galvanizing Parameters on the Structural Development of Zn-Al-Based Coatings, Journal of Materials Engineering and Performance, September 2018, Volume 27, Issue 9, pp 4548–4560, ISSN: 1059-9495 (Print) 1544-1024 (Online), Impact Factor 1.340
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4. **Stoicanescu M.**, Pitulice C., Giacomelli I. - Studies on structural changes in titanium alloys by heat treatment, JOAM, 2015, Vol. 17, No. 9-10, September – October 2015, p. 1410-1416, ISSN: 1454-4164, Impact Factor : 0.383, WOS:000364600400029
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5. Craciun D., Socol G., Cristea D.V., **Stoicanescu M.**, Olah N., Balazs K., Stefan N., Lambers E., Craciun V. - Mechanical properties of pulsed laser deposited nanocrystalline SiC films, Applied Surface Science Volume 336, 1 May 2015, Pages 391-395, ISSN: 0169-4332, Journal impact 3.38, WOS:000351617600066
<http://www.sciencedirect.com/science/article/pii/S0169433214029201>
<https://doi.org/10.1016/j.apsusc.2014.12.186>
6. **Stoicanescu M.**, Ene E., Zara A. et al.-The heat treatment influence of 1.3343 high speed steel on content of residual austenite, Procedia Technology, Volume 22, 2016, Pages 161-166, WOS:000383949300024
<https://doi.org/10.1016/j.protcy.2016.01.039>
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7. Matei S., **Stoicanescu M.**, Crisan A. - Composites with short fibers reinforced epoxy resin matrix, Procedia Technology, Volume 22, 2016, Pages 174-181, WOS:000383949300026
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9. Zara A., **Stoicănescu M.**, Giacomelli I., Cazacu M. - 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, Accession Number: WOS:000326414700026
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10. Cazacu M., Zara A., **Stoicănescu M.**, Giacomelli I. - 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, Accession Number: WOS:000326414700033
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I T. TEZA DE DOCTORAT

T1. *"Studii și cercetări privind tratamentele termice neconven ionale ale aliajelor pe bază de aluminiu"*, august 2005.

IT. TEZA DE ABILITARE

T2. *Titlul tezei de abilitare: Rolul tratamentelor termice la îmbunătățirea calității produselor industrial, ianuarie 2019*

II. Cărți publicate (C)

Ca - Cărți/ cursuri (manuale) pentru uzul studenților, publicate în edituri recunoscute

Ca1. **Stoicănescu M.**: *Tratamente termice aplicate aliajelor metalice*, Ed. Universită ii Transilvania din Brașov, 2014, ISBN 978-606-19-0385-6, 273pagini,

Ca2. **Stoicănescu M.** - *Tratamente termice. Aplicații*. Editura Universității Transilvania din Brașov, 2014, ISBN978-606-19-0386-3, 139 pagini,

Ca3. **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, 144 pagini

Ca4. **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 pagini

Cbi – Cărți de specialitate publicate în edituri recunoscute internațional (autor, coautor, editor).

Cbi1. Stoicanescu M., Dinescu I., Smeadă M. - Advanced materials used in military technology, Ed. Lambert Academic Publishing, 2017, ISBN 978-3-330-34575-1, 111pagini

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Cbi3. Stoicanescu M. - Heat treatments. Applications, Ed. Lambert Academic Publishing, 2016, ISBN 978-3-659-96514-2,138 pagini

Cbi4. Stoicanescu M. -Heat treatments applied to metallic materials, Ed. Lambert Academic Publishing, 2015, ISBN 978-3-659-79927-3, 270 pagini

Cb – Cărți de specialitate publicate în edituri recunoscute (autor, coautor, editor).

Cb1. 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, 185 pagini

Cb2. 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, 227 pagini

Cb3. Stoicănescu M. Giacomelli I. - Alumiuniul si aliajele de aluminu, Ed.Universității Transilvania din Brașov, 2006, ISBN 978-973-635-946-0, 107 pagini

III. Alte materiale publicate (I)

I – Cursuri/Culegeri și Îndrumare publicate (separate, în edituri cu ISBN și în tipografii locale / de instituții sau de uz intern).

I1. Stoicănescu M. - Tratamente termice aplicate aliajelor metalice, Ed. Universității Transilvania din Brașov, 2014, ISBN 978-606-19-0385-6, 273 pagini

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I4. 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 pagini

IV. ARTICOLE / STUDII ÎN EXTENSO PUBLICATE (R, V)

Ris – Reviste de specialitate de circulație internațională recunoscute (cotate / indexate ISI Thomson Reuters, sau indexate în alte Baze de Date Internaționale – BDI- specifice domeniului, care fac un proces de selecție a revistelor pe baza unor criterii de performanță). *Se menționează la fiecare lucrare includerea în Baza ISI (ultimul factor Impact, ISSN) și/sau denumirea altei (altor) BDI.*

Ris1. Stoicanescu, M., Crisan, A., Milosan, I., Pop, M.A., Garcia, J.R., Giacomelli, I., Bedo, T., Martinez, I.C., Semenescu, A., Florea, B., Chivu, O.R. – Heat Treatment of Steel 1.1730 with Concentrated Solar Energy, Materiale Plastice, Volume: 56 Issue: 1, 2019, p. 261-270, ISSN: 0025-5289, Factor Impact: 1.248, WOS:000464604100052

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Ris3. E. L. Tiron, A. Crisan, T. Bedő, M. Stoicanescu, M. A. Pop, D. Cristea- The Influence of Galvanizing Parameters on the Structural Development of Zn-Al-Based Coatings, Journal of Materials Engineering and Performance, September 2018, Volume 27, Issue 9, pp 4548–4560, ISSN: 1059-9495 (Print) 1544-1024 (Online), Impact Factor 1.340, WOS:000443966400018

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Rsi6. Craciun D., Socol G., Cristea D.V., Stoicanescu M., Olah N., Balazs K., Stefan N., Lambers E., Craciun V. - Mechanical properties of pulsed laser deposited nanocrystalline SiC films, Applied Surface Science Volume 336, 1 May 2015, Pages 391-395, ISSN: 0169-4332, Journal impact 3.38, WOS:000351617600066, ZONA ROSIE
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Rsi 16. Cazacu M., Giacomelli I., Stoicanescu M., Vasile G. - 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, Accession Number: WOS:000315611900012

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Vsi 19. Smeadă M., Stoicănescu M. , Radomir I., Geamăn L. - Artificial ageing of aluminum alloys. Statistical studies of results, Edited by: Lacob, Al; Baskan, GA; Uzunboyly,H.,Conference: World conference on business, economics and management (BEM),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, Accession Number: WOS:000319841600143

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Vsi 22. 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) 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, Accession Number: WOS:000282604000072



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Vis1 - Virgil Geamăn, Irinel Radomir, Maria Stoicănescu, Ioan Popa - *Grain refinement in AlSiCu alloy during cyclic extrusion*, 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, [ISI - Web of Science/Science Citation Index Expanded], Document Information, Document Type: Proceedings Paper, Language: English, Accession Number: WOS:000319841600125;

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Vis13. Mihaela SMEADĂ, Maria STOICĂNESCU: 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

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Vis15. 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: 2247-3173, pg. 157-164
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V. CONTRACTE ȘI RAPORTE ȘTIINȚIFICE (P)

P – proiecte de cercetare dezvoltare – inovare obținute prin competiție, pe bază de contract/grant, în țară/străinătate

Pn- naționale

Pn1. PNII-Domeniul 3- 31-004/2007- Tehnologie de procesare a deeurilor 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,*

Pn2. PNII-Domeniul 7- 71-058/2007 Metode noi de sinteza a materialelor compozite prin procedee in situ, perioada:2007-2010 finantator:CNMP- Centrul National de Management Programe , ani desfasurare:3



Pn3. CNCIS nrctr:A1/GR233/19.10.2006, cod CNCIS 417, Cercetari cu privire la procesarea si proprietatile aliajelor de aluminiu amorse massive, perioada:2006-2008
finantator: ani desfasurare:3

Pn4. CEEX-M1- nr.67/2006 Concept inovativ de realizare in jet de plasma a straturilor dure cu proprietati controlate, rezistente la uzura si coroziune, perioada:2006-2008
finantator:MATNATECH-CEEX-Programul national Materiale noi, micro si nanotehnologii ani desfasurare:3

Pn5. CEEX-M1- nr.260/2006 Modelarea matematica a proceselor care au loc la turnarea pieselor metalice, in vederea reducerii consumurilor de marteriale si energie
perioada:2006-2008 finantator:AMCSIT-Politenhica Bucuresti, ani desfasurare:3

Pn6. CEEX-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, perioada:2006-2008 finantator:CNMP- Centrul National de Management Programe, ani desfasurare:3

Pn7. CEEX-M1- nr.154/2006 Sistem integrat de cercetari avansate pentru biomateriale alternative cu aplicatii in stomatologie-BIODENTAL, perioada:2006-2008
finantator:AMCSIT-Politenhica Bucuresti, ani desfasurare:3

Pn8. CEEX-M1- nr.244/2006 Materiale oxidice naturale si secundare utilizate in tehnologiile pulberilor destinate turnarii otelurilor, perioada:2006-2008
finantator:AMCSIT-Politenhica Bucuresti, ani desfasurare:3

Pn9. CEEX-M1- nr.164/2006 Sistem ecologic de regenerare destinat reciclarii deseurilor de amestec de formare liat chimic in industria de turnatorie, perioada:2006-2008
finantator:AMCSIT-Politenhica Bucuresti ani desfasurare:3

Pn10. CEEX-M1- nr.53/2005 Metode de procesare a cenusilor reziduale din industria aluminiului secundar cu scopul prevenirii poluarii mediului si conservarii resurselor natural, perioada:2005-2007 finantator:AMCSIT-Politenhica Bucuresti si SC ALMET NAVODARI si SC SILNEF SA Brasov (AMCSIT-1.000.000 plus100.000 cofinantare), ani desfasurare:3

Pn11. POC-A1-A1.2.1-D-2, Cod SMIS: 104809 Numar contract: 73/08.09.2016, Metoda inovativă pentru funcționalizarea suprafețelor implanturilor dentare cu scopul îmbunătățirii osteointegrării, ani desfasurare 2016-2018, ani desfasurare: 2

Pn12. POSDRU/81/3.2/S/55652, Pregătire, instruire, educare în vederea asimilării de procese tehnologice inovative, îmbunătățirea practicilor manageriale și a protecției mediului în sectoare calde, director prof. dr.ing. Radu Iovanas, 2013, ani desfasurare: 1

Pn13. Nr.ctr: 16580 -17.12.2014, Cercetari privind materiale si tehnologii utilizate in realizarea prototipurilor pentru industria de automobile, perioada:2014-2015
finantator:SC DRAXLMAIER SISTEME TEHNICE ROMANIA, ani desfasurare:2



Pn14. RELANSIN 3, nrctr:1376/27.07.2001 TEHNOLOGII PENTRU PROCESAREA ALIAJELOR DE ALUMINIU REZULTATE DIN PRELUCRAREA DEȘEURILOR perioada:2001-2004 finantator:ANSTI prin programul RELANSIN 3- MODERNIZARE si Intreprinderea Metrom Brasov (cofinantator), ani desfasurare:4

Pn15. CNCSIS nrctr:33459, Cercetari privind nitrocarburarea otelurilor si determinarea caracteristicilor fizico-mecanice ale straturilor de difuzie, perioada:2002-2004, ani desfasurare:3

Pn16. PN-III-P1-1.2-PCCDI2017-0062, Noi metodologii de diagnosticare și tratament: provocări actuale și soluții tehnologice bazate pe nanomateriale și biomateriale (acronim: SANOMAT), perioada 2018-2020, ani desfasurare:3

Pi- internaționale

Pi1 - Proiect international SFERA II 2014 – la 'CIEMAT-PSA' nr. P1404300065 for SF5: Using the solar energy at heat treatments at surfaces of the metal alloys-valoare 13734,9 Euro- director

Pi2 - Proiect international SFERA II 2016 – la 'CIEMAT-PSA' nr. P1602050206, Research on using solar energy to heat treatment of steels surface, valoare, 12363,1 Euro - director

Pt- cu terți

Pt1. Contract cu terti 2014-2015- Cercetări privind stabilirea cauzelor apariției neomogenității structurale în vederea diminuării/eliminării lor în produsele din ATSi7Mg0.3 de tip bară, **valoare 45.087 RON - director**

Pt2. Contract cu terti 2010-2011 - Studii si cercetari privind imbunatatirea calitatii produselor SC ALRO Slatina SA si instruirea personalului operator - **valoare 97105 RON - director.**

Iunie, 2019

Maria Stoicănescu

