

Lucrări publicate în reviste cotate ISI

An publicare	Departament	Primul autor (Nume, initiala prenume)	Coautori (Nume, initiala prenume)	Titlu lucrare	Volum	Tip lucrare	Factor de impact
2014	SIM	Ibănescu Bușilă, M.	Mușat, V., Textor T., Badilita V., Mahltig B.	Photocatalytic and antimicro-bial Ag/ZnO nanocomposites for functionalization of textile fabrics	<i>Journal of Alloys and Compounds</i> Volume 610, pp. 244–249, 2014	ISI	2.726
2014	SIM	Valcu (Herbei), E.E	Musat, V. Jank, M, Oertel S.,	Sol-gel Preparation of ZrO ₂ -PMMA for Thin Films Transistors	<i>Revista romana de chimie</i> , vol. 65, no.5, pp. 574-578, 2014	ISI	0.393
2014	SIM	Gurau, G.,	Gurau, C., Potecasu, O et al.	Novel High-Speed High Pre-ssure Torsion Technology for Obtaining Fe-Mn-Si-Cr Shape Memory Alloy Active Elements	<i>Journal of Materials Engi-neering and Performance</i> , Vo-lume: 23,Issue: 7Special Issue: SI Pages:2396-2402, 2014.	ISI	0.981
2014	SIM	Gurau, G.	Gurau, C.; Braz-Fernandes, F. M.; et al.	An experimental study on the response of equal channel angular pressed aluminium subjected to cold rolling	<i>Indian Journal Of Engineering And Materials Sciences</i> , Vol: 21 Issue: 3 Special Issue: SI Pages: 253-258, 2014.	ISI	0.641
2014	SIM	Ibănescu (Bușilă), M.	Mușat, V., Textor T., Badilita V., Mahltig B.	Functional Finishing of Textile using Manganese Doped Zinc Oxide based Coatings Obtained by Sol-gel Method	<i>Revista romana de chimie</i> , vol. 65, No. 6 , pp. 684-689, 2014	ISI	0.393
2013	SIM	Danciu , A. I.	Musat, V.; Busani, T.; et al	Uniform Arrays of ZnO 1D Nano-structures Grown on Al:ZnO Seeds Layers by Hydrothermal Method	<i>JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY</i> Volume: 13 Issue: 10 Pages: 6701-6710, 2013	ISI	1.339

2013	SIM	Gurau, C.	Alexandru, Petrica; et al.	Ultrafine microstructures of steel X60 induced by severe plastic deformation	<i>Metalurgia international</i> volume: 18 special issue: 2 pages: 37-41, 2013	ISI	0.134
2012	SIM	Musat V.	Fortunato, E.; Purica, M.; et al.	Multifunctional zinc oxide nanostructures for a new generation of devices	<i>Materials chemistry and physics</i> volume: 132 issue: 2-3 pages: 339-346, 2012.	ISI	2.072
2012	SIM	Nechita, V.	Schoonman, J; Musat, V.	Ethanol and methanol sensing characteristics of Nb-doped TiO ₂ porous thin films	<i>Physica status solidi a-applications and materials science</i> volume: 209 issue: 1 pages:153-159, 2012	ISI	1.469
2012	SIM	Mahesh, K. K	Braz Fernandes, F. M.; Gurau, G.	Stability of thermal-induced phase transformations in the severely deformed equiatomic Ni-Ti alloys	<i>Journal of materials science</i> , volume: 47 issue: 16 pages: 6005-6014 , 2012	ISI	2.163
2012	SIM	Neacsu, M.I.	Drugescu, E; Bordei, M	Researches concerning the influence of the hot plastic deformation degree on the mechanical properties of three alloys belonging to the Al-Zn system, with different Zn contents	<i>Metalurgia international</i> volume: 17 issue: 11 pages: 50-53 , 2012.	ISI	0.134
2012	SIM	Neacsu, M.I.	Drugescu, E; Bordei, M	Studies and researches on the influence of chemical composition and natural ageing time on the mechanical properties of some alloys belonging to the Al-Zn-Mg-Cu system	<i>Metalurgia international</i> volume: 17 issue: 10 pages: 125-129 , 2012.	ISI	0.134
2012	SIM	Novac, R. I.	Vasilescu, E.	Research on obtaining and characterization of the Ni-TiO ₂ composite coatings	<i>Metalurgia international</i> , volume: 17 issue: 9 pages: 16-19, 2012.	ISI	0.134
2012	SIM	Ivan, M.	Muntean, M., Potecasu, F.	Special refractory masses for application in the iron and steel making area	<i>Revista romana de materiale-romanian journal of materials</i> , volume: 42 issue: 1 pages: 61-68, 2012.	ISI	0.61

2012	SIM	Mazilu, M.	Tigau, N.; Musat, V.	Optical properties of undoped and Al-doped ZnO nanostructures grown from aqueous solution on glass substrate	<i>Optical materials</i> volume: 34 issue: 11 pages: 1833-1838, 2012.	ISI	1.918
2011	SIM	Cananau, N.		Theoretical analysis of the deep drawing process of parallelipipedic part	<i>Metalurgia International</i> , Volume: 16 issue: 5 pages: 29-32, 2011.	ISI	0.134
2011	SIM	Radu, T.	Potecasu, F., Vlad, M.	Research on obtaining and characterization of zinc micro-alloyed with bismuth coatings	<i>Metalurgia international</i> , volume: 16 issue: 1 pages: 44-47, 2011.	ISI	0.134
2011	SIM	Potecasu, T.F.		The variation of mechanical and microstructural characteristics of continuous flux intercritical quenched and tempered steel strips as a function of austenitizing temperature	<i>Metalurgia international</i> volume: 16 issue: 4 pages: 183-187, 2011	ISI	0.134
2011	SIM	Potecasu, T.F.	Potecasu, OD; Silva, RJC, et al.	Continuous flux isothermal quenching of steel strips by immersion in molten lead maintained at 440 degrees C	<i>Metalurgia international</i> volume: 16 issue: 4 pages: 177-182, 2011	ISI	0.134
2011	SIM	Braz Fernande F.M.	Gurau, Carmela; Mahe- sh, K. K.; al.	Structural study of extruded CuAl1(3)Ni(4) shape memory alloy	<i>Metalurgia international</i> volume: 16 issue: 9 pages: 19-23 , 2011.	ISI	0.134
2010	SIM	Tecaru, A.	Danciu, AI; Musat, V, et al.	Zinc oxide thin films prepared by spray pyrolysis	<i>Journal of Optoelectronics and Advanced Materials</i> Volume: 12 Issue: 9 Pages: 1889-1893, 2010	ISI	0.577
2010	SIM	Musat, V.	Fortunato, E; Mazilu, M, et al.	Solution-based synthesis of semiconductive oxide 1-D nanostructures	<i>Journal of Optoelectronics and Advanced Materials</i> Volume: 12 Issue: 9 Pages: 1909-1914, 2010	ISI	0.577
2010	SIM	Martins, R.M.S.	Musat, V; Mucklich, A, et al.	Characterization of mesoporous ZnO:SiO ₂ films obtained by the sol-gel method	<i>Thin solid films</i> volume: 518 issue: 23 pages: 7002-7006, 2010	ISI	1.909

2010	SIM	Florea, B.	Vasilescu, E	Modelling and optimising the controlled rolling regimes of microalloyed steels heavy plates	<i>Metalurgia international</i> volume: 15 issue: 9 pages: 11-17, 2010	ISI	0.134
2010	SIM	Vasilescu, E.		Researches regarding the influence of intercritical treatments of the mechanical properties of the rolling flat steel products	<i>Metalurgia international</i> volume: 15 issue: 9 pages: 60-64, 2010	ISI	0.134
2010	SIM	Florea, B.	Vasilescu, E	Researches concerning the modifications of both structure and properties of the surface by aluminizing	<i>Metalurgia international</i> volume: 15 issue: 8 pages: 28-30, 2010	ISI	0.134
2010	SIM	Vasilescu, E.		Experimental researches concerning the oxidation resistance of steels for certain ship plates	<i>Metalurgia international</i> volume: 15 issue: 8 pages: 43-47, 2010	ISI	0.134
2010	SIM	Musat, V.	Potecasu, O; Belea, R, et al.	Magnetic materials from co-precipitated ferrite nanoparticles	<i>Materials science and engineering b-advanced functional solid-state materials</i> volume: 167 issue: 2 pages: 85-90, 2010	ISI	1.56
2010	SIM	Marin, M.	Drugescu, E; Potecasu, O, et al.	Study of corrosion behavior for steam treated sintered iron powder	<i>Metalurgia international</i> volume: 15 issue: 12 pages: 95-100 , 2010	ISI	0.134
2010	SIM	Ciocan, A.	Potecasu, F; Drugescu, E, et al.	Characterization of the Diffusion Zone Developed in a Bimetallic Steel-Bronze at Interface	<i>Advanced materials forum</i> v, pt 1 and 2 volume: 636-637 pages: 556-563, 2010	ISI Proc	
2010	SIM	Ciocan, A	Potecasu, F; Veiga, JP	Characteristics of the blast furnace with the conditions imposed by the valorisation solution	<i>Metalurgia international</i> volume: 15 issue: 10 pages: 85-90, 2010	ISI	0.134
2010	SIM	Potecasu, T.	Potecasu, O; Silva RJC	Straps of high resistance processed of steel with low carbone	<i>Metalurgia international</i> volume: 15 issue: 4 pages: 50-53, 2010	ISI	0.134
2010	SIM	Potecasu, F.	Potecasu, O	The evolution in time of the drawing sheets' quality	<i>Metalurgia international</i> volume: 15 issue: 3 pages: 31-34, 2010.	ISI	0.134

2010	SIM	Potecasu, T.F.	Drugescu, E; Potecasu, O, et al.	Acoustic quality control system for ceramic products	<i>Metalurgia international</i> volume: 15 issue: 11 pages: 5-12, 2010		0.134
2010	SIM	Potecasu, F.	Potecasu, O	The accelerated corrosion behaviour of the sheets cold rolled of steel with low carbon naturally aged	<i>Metalurgia international</i> volume: 15 issue: 10 pages: 80-84, 2010	ISI	0.134
2010	SIM	Doniga, A.		Secondary phase part of the oriented grains silicon steels	<i>Metalurgia Internațional</i> vol.XV (2010), Special Issue, no.8, , pag.15-19 1454 -4164, 2010.	ISI	0.134
2010	SIM	Boiciuc, S.		Properties and application of laser cladding with high – speed steel powder, type M2	<i>Metalurgia international</i> 1/2010, pag. 5 – 11; 2010	ISI	0.134
2010	SIM	Boiciuc, S.	Gheorghieș, C.	Structural changes in laser cladding layers of powder high - speed steel type HS6-5-2 - M2 heated to different temperatures	<i>Metalurgia international</i> 2/2010, pag. 30 – 35; 2010	ISI	0.134
2010	SIM	Papadatu, C.-P.	Bordei, M.	Changes in tribological behaviour of thermo-chemical treated steels after thermo-magnetic treatments	<i>Metalurgia international</i> vol. Xv (2010), pag. 41 – 47; 2010	ISI	0.134
2010	SIM	Braz F.	Karimbi K, Silva J. C, Gurau C, Gurau G.,	XRD Study Of The Transformation Characteristics Of Severely Plastic Deformed Ni-Ti Smas	<i>Physica Status Solidi (C)</i> volume 7, issue 5, pages: 1348-1350, 2010.	ISI	1.489
2010	SIM	Karimbi, M. K.	Francisco M. Braz F, Gurau G.	Phase Transformation in Ni-Ti Shape Memory and Superelastic Alloys Subjected to High Pressure Torsion	<i>Journal Advanced Materials Research</i> (Volumes 123 - 125), Edited by Joong Hee Lee, Pages 1007-, 1010,2010, DOI 10.4028	ISI	0.483
2010	SIM	Gheorghieș, L. V.	Dimitriu M., Filip, E. et al.	Universal interactions in binary solutions, studied by spectral means	<i>Romanian journal of physics</i> volume: 55 issue: 1-2 pages: 103-109, 2010.	ISI	0.34

2009	SIM	Gurau, C.	Drugescu, E; Gurau, G, et al.	Heat treatments on the 13% aluminum copper based shape memory alloy	<i>Metalurgia international</i> volume: 14 issue: 12 pages: 16-20, 2009	ISI	0.134
2009	SIM	Cananau, N.	Gurau, C; Gurau, G	Thermodynamic considerations at the severe plastic deformation	<i>Metalurgia international</i> volume: 14 pages: 73-76, 2009	ISI	0.134
2009	SIM	Bratu, V.	Vladescu, M; Cananau, N	Experimental research on determination of some correlations of the main technological parameters of the continuous casting of the iron as premises of the graphical user interface	<i>Metalurgia international</i> volume: 14 issue: 11 pages: 15-17, 2009	ISI	0.134
2009	SIM	Doniga, A.		Secondary phase part of the oriented grains silicon steels	<i>Metalurgia international</i> volume: 15 pages: 15-19, 2010	ISI	0.134
2009	SIM	Gheorghie s, C.	Doniga, A	Evolution of Texture in Grain Oriented Silicon Steels	<i>Journal of iron and steel research international</i> volume: 16 issue: 4 pages: 78-83, 2009.	ISI	0.201
2009	SIM	Vasilescu, E.	Doniga, A; Ivanescu, A, et al.	The influence of the thermomechanical treatment on the properties of steel plates for welded constructions	<i>Metalurgia international</i> volume: 14 pages: 173-176 2009	ISI	0.134
2009	SIM	Potecasu, T.	Potecasu, O; Fernandes, FB	Research on the possibility of improving the value of low carbon cheap steels by controlled thermal processing	<i>Metalurgia international</i> volume: 14 pages: 29-33, 2009	ISI	0.134
2009	SIM	Ciocan, A.	Potecasu, F	High hardness antifriction aluminium bronzes for wear layer of the steel bearings for drilling equipments	<i>Metalurgia international</i> volume: 14 pages: 34-37, 2009	ISI	0.134
2009	SIM	Potecasu, O.	Potecasu, F; Drugescu, E, et al.	Material hardened with fine films of dispersed oxide through plastic deformation	<i>Metalurgia international</i> volume: 14 pages: 56-60, 2009	ISI	0.134

2009	SIM	Potecasu, F.	Ciocan, A; Radu, T	Sea water corrosion associated with weld for critical interface of the aluminium bronze clad steel castings	<i>Metalurgia international</i> volume: 14 pages: 61-64 published: 2009	ISI	0.134
2009	SIM	Baicean, S;	Palaghian, L; Potecasu, F, et al.	Macro and microstructural changes in naval steel under fatigue corrosion	<i>Metalurgia international</i> volume: 15 issue: 10 pages: 30-37, 2009	ISI	0.134
2009	SIM	Mitoseriu, O.	Cocindau, SC; Potecasu, F, et al.	Composite coatings obtained through zinc electrochemical codeposits and short ceramic fibres	<i>Metalurgia international</i> volume: 13 issue: 11 pages: 19-26, 2008	ISI	0.134
2009	SIM	Potecasu, O.	Potecasu, F	The possibility of improving the mechanical and electrical characteristics of aluminum conductors through the realization of a composite material with aluminum matrix	<i>Metalurgia international</i> volume: 14 pages: 10-12, 2009	ISI	0.134
2009	SIM	Bordei, M.	Ciurea A., Stanciu C.	Considerations regarding the atmosphere of the thermal treatment furnaces for the plates	<i>Metalurgia international</i> volume: 14 pages: 31-35, 2009	ISI	0.134
2009	SIM	Levcovici, S.	Alexandru P., Boiciuc S.	Characterization of some powders used as addition materials in laser cladding technology	<i>Metalurgia International</i> nr.2, pag.49-54, 2009.	ISI	0.134
2009	SIM	Papadatu, C.P.	Vasilescu, E	Some aspects regarding the influence of non-conventional treatments on the superficial layers nitro-carburized characteristics	<i>18th International Conference on Metallurgy and Materials</i> , Date: May 19-21, 2009 Hradec Nad Moravici Czech Republic, Metal 2009, Conference Proceedings Pages: 563-568, 2009.	ISI Proc	

2009	SIM	Boiciuc, S.	Levcovici D. T.	Properties and application of laser cladding with Ni – Cr – B – Fe – Al alloy	<i>Metalurgia International</i> ,, nr.10, pag.49-53, 2009.	ISI	0.134
2009	SIM	Vasilescu, I.	Vasilescu E., Doniga A.	Researches regarding the influence of controlled rolling on the structure and properties of the shipbuilding plates steel	<i>Metalurgia international</i> nr.2/2009, issn 1582-2214, pag.26-31, 2009	ISI	0.134
2009	SIM	Vasilescu, E.	Doniga A., Ivanescu A., Rindasu V. O.	Influence of the thermomechanical treatments on the properties of steel plates for welded constructions	<i>Metalurgia International</i> nr.3 special/2009, pag.173-177, 2009.	ISI	0.134
2008	SIM	Gheorghies, C.	Gheorghies, L; Dorohoi, D	Solvent influence on some complexes realized by hydrogen bond	<i>Journal of molecular structure</i> volume: 887 issue: 1-3 pages: 122-127, 2008	ISI	0.89
2008	SIM	Musat, V.	Budrugaec, P; Gheorghies, C	Effect of reagents mixing on the thermal behavior of sol-gel precursors for silica-based nanocomposite thin films	<i>Journal of thermal analysis and calorimetry</i> volume: 94 issue: 2 pages: 373-377, 2008	ISI	2.206
2008	SIM	Musat, V.	Fortunata, E; Petrescu, S, et al.	ZnO/SiO ₂ nanocomposite thin films by sol-gel method	<i>Physica status solidi a-applications and materials science</i> volume: 205 issue: 8 pages: 2075-2079, 2008	ISI	1.205
2008	SIM	Mitoseriu, O.	Cocoindau, SC; Potecasu, F, et al.	Composite coatings obtained through electrodeposition of cadmium and short ceramic fibers	<i>Metalurgia international</i> volume: 13 issue: 10 pages: 35-40, 2008	ISI	0.134
2008	SIM	Marian, B.	Ciocan, A; Potecasu, F,	Blast furnace iron lining runners in term of structural characterisation	<i>Metalurgia international</i> volume: 13 issue: 5 pages: 45-47, 2008	ISI	0.134
2008	SIM	Octavian, P.	Potecasu, F; Radu, T, et al.	Research regarding the influence of the deformation degree on the characteristics of deep drawing sheet steel	<i>Metalurgia international</i> volume: 13 issue: 4 pages: 16-22, 2008	ISI	0.134

2008	SIM	Potecasu, F.	Doniga, A; Dima, O	Proofs of metal processing during I BC to I AD centuries in the Cascioarel-Greaca-Prundu zone	<i>Metalurgia international</i> volume: 13 issue: 2 pages: 11-16, 2008	ISI	0.134
2008	SIM	Gheorghies, C.	Condurache-Bota, S; Dinescu, M, et al.	New reinforcing technique of alumina coatings on steel substrates	<i>Optoelectronics and advanced materials-rapid communications</i> volume: 2 issue: 9 pages: 569-577, 2008	ISI	0.224
2008	SIM	Musat, V.	E Fortunato, A.M. Botelho Do Rego And R Montiero	Microstructure and gas-sensing properties of sol-gel ZNX OY NZ	Thin Solid Films, 516/7 (2008)pp.1512-1515 Physics, applied, 2008	ISI	1.884
2008	SIM	Musat, V.		ZnO - basset thin films as key materials for advanced technical application	<i>Metalurgia International</i> nr.13 (2008) p. 373-377, 2008	ISI	0.134
2008	SIM	Gheorghies, L.	Dorohoi, D. O.	Intermolecular interactions in dipolar binary solutions	<i>Romanian journal of physics</i> volume: 53 issue: 1-2 pages: 71-77 physics.	ISI	0.33
2008	SIM	Boiciuc, S.	Levcovici S; Levcovici, Dt, Et Al	Characterization of hard coatings obtained by laser cladding process	<i>Metalurgia international</i> volume: 13 issue: 9 pages: 32-39, 2008	ISI	0.134
2008	SIM	Mitoseriu, O.	Cocindau, S.C; Potecasu F., Orac L.	Composite coatings obtained through zinc electrochemical codeposits and short ceramic fibers	<i>Metalurgia international</i> volume: 13 issue: 11 pages: 19-26, 2008	ISI	0.134
2008	SIM	Bordei, M.	Ciurea A.	Particularities Regarding The Microstructural Behaviour Of The X6cr17 Stainless Steel	<i>Metalurgia international</i> , 6/2008, pp.55-75, 2008.	ISI	0.134
2008	SIM	Dragomir S.	Florea Ghe.	Vibration Diagnosis Systems In A Cold Rolling Mill Machine.	<i>Metalurgia international</i> issn 1582-2214. Pg.47- 52.	ISI	0.134

2008	SIM	Musat, V.	Fortunato, E.; do Rego, A. M. Botelho; et al.	Sol-gel cobalt oxide-silica nanocomposite thin films for gas sensing applications	<i>Thin solid films</i> , volume: 516 issue: 7 pages: 1499-1502, 2008.	ISI	1.884
2008	SIM	Musat, V	Rego, A. M.; Monteiro, R.; et al.	Microstructure and gas-sensing properties of sol-gel ZnO thin films;	<i>Thin solid films</i> volume: 516 issue: 7 pages: 1512-1515, 2008.	ISI	1.884
2008	SIM	Potecasu F.	Mitoseriu, O., Drugescu E, Vlad M	The Structure Of Composite Deposition With Nickel Matrix	<i>Metalurgia international</i> volume: 13 issue: 11 pages: 35-40, 2008	ISI	0.134
2007	SIM	Musat, V.	Fortunato, E; Dima, S, et al.	Mesoporous sol-gel silica-based nanocomposite thin films	<i>Revue roumaine de chimie</i> volume: 52 issue: 7 pages: 671-676, 2007	ISI	0.389
2007	SIM	Musat, V;	Budrugaec, P; Monteiro, RCC, et al.	Non-isothermal kinetic study on the decomposition of Zn acetate-based Sol-gel precursor - Part 1. Application of the isoconversional methods	<i>Journal of thermal analysis and calorimetry</i> volume: 89 issue: 2 pages: 505-509, 2007	ISI	1.63
2007	SIM	Budrugaec, P.	Musat, V; Segal, E	Non-isothermal kinetic study on the decomposition of Zn acetate-based sol-gel precursor - Part II. The application of the IKP method	<i>Journal of thermal analysis and calorimetry</i> volume: 88 issue: 3 pages: 699-702, 2007	ISI	2.206
2007	SIM	Musat, V.	Fortunato, E; Fernandes, FB, et al.	Sol gel porous ZnO thin films for gas sensing applications	<i>Journal of Optoelectronics and Advanced Materials</i> Volume: 9 Issue: 5 Pages: 1395-1398, 2007	ISI	0.457
2007	SIM	Gheorghies, C.	Gheorghies, L; Fetecau, G	Electrodeposition of GaAs thin films from alkaline aqueous solution	<i>Journal of Optoelectronics and Advanced Materials</i> Volume: 9 Pages: 2795-2798, 2007	ISI	0.457

2007	SIM	Boiciuc, S.	Levcovici, S., Levcovici, D.T, Gheorghies, C.	Characterisation of hard coatings obtained by laser cladding process	<i>Metalurgia International</i> 9/2008, ISSN 1582 – 2214 pp. 32-39.	ISI	0.134
2007	SIM	Boiciuc, S.	Levcovici, S., Levcovici, D.T,	Structural modifications in laser cladding layers heating up at different temperatures	<i>Metalurgia International</i> , NR.8, 2007, pag.14-19, Editura Stiintifica F.M.R.Bucharest, Romania, ISSN 1582 – 2214.	ISI	0.134
2007	SIM	Levcovici, D.T,	Levcovici, S., Boiciuc, S.	Studies and researches regarding laser cladding of nickel alloys on a steel suport	<i>Metalurgia International</i> , NR.7, 2007, pag.41-45, Editura Stiintifica F.M.R.Bucharest, Romania, ISSN 1582 – 2214.	ISI	0.134
2006	SIM	Musat, V.	Teixeira, B; Fortunato, E, et al.	Effect of post-heat treatment on the electrical and optical properties of ZnO : Al thin films	<i>Thin solid films</i> , volume: 502 issue: 1-2 pages: 219-222, 2006	ISI	1.867
2006	SIM	Drasoveanu, R.	Monteiro, R; Fortunato, E, et al.	Optical properties of cobalt oxide films by a dipping sol-gel process	<i>Journal of non-crystalline solids</i> volume: 352 issue: 9-20 pages: 1479-1485, 2006	ISI	1.449
2006	SIM	Musat, V.	Fortunato, E; do Rego, AMB, et al.	Sol-gel cobalt oxide-silica nanocomposite thin films for gas sensing applications	<i>Thin solid films</i> volume: 516 issue: 7 pages: 1499-1502, 2008	ISI	1.867
2006	SIM	Musat, V.	Rego, AM; Monteiro, R, et al.	Microstructure and gas-sensing properties of sol-gel ZnO thin films	<i>Thin solid films</i> volume: 516 issue: 7 pages: 1512-1515, 2006.	ISI	1.867
2006	SIM	Potecasu, F.	Potecasu, O; Fernandes, FMB, et al.	Lead hardening by oxide dispersion	<i>Advanced materials</i> forum iii, pts 1 and 2 volume: 514-516 pages: 718-722, 2006	ISI Proc	
2006	SIM	Musat V.	Vilarinho, P.; Monteiro, R.; et al	Thermoreactivity of sol-gel precursor for ZnO-based thin films	<i>Advanced materials</i> forum iii, pts 1 and 2 book series: materials science forum volume: 514-516 pages: 73-77 part: 1-2 , 2006.	ISI Proc	

2005	SIM	Musat, V.	Gheorghies, C; Monteiro, RCC, et al.,	Kinetics of oxides thin films crystallization from sol-gel precursor	<i>Revista de chimie</i> volume: 56 issue: 4 pages: 367-370, 2005	ISI	0.389
2004	SIM	Bordei, M.	Ciurea A, Tănase D.	Mathematical modeling of the continuous casting proces-the temperature distribution model	<i>Metalurgia Internațional</i> -no.1, pp. 10-15, 2004.	ISI	0.134
2004	SIM	Ciurea, A.	Tănase D, Bordei M.	Researches regarding the hot plastic deformation of the flaked modified graphite cast iron	<i>Metalurgia Internațional</i> -no.1, pp. 16-19, 2004.	ISI	0.134
2004	SIM	Bordei, M.	Ciurea A, Tănase D.	Solidification and deformation of the thin continuous casting slabs	<i>Metalurgia Internațional</i> -no.2/2004,p6-10, 2004.	ISI	0.134
2004	SIM	Ciurea, A.	Bordei M, Tănase D.,	Considerations regarding the hot upsetting of the nodular graphite cast iron	<i>Metalurgia Internațional</i> -no.2/2004,p11-15 , 2004.	ISI	0.134
2004	SIM	Musat Bujoreanu , V.	Segal E.	DSC Study of Water Elimination from the Coprecipitated Ferrite Powders	<i>Journal of Thermal Analysis and Calorimetry</i> , vol. 68, no. 1, pp. 191-197, 2004.	ISI	2.206
2004	SIM	Musat, V.	Teixeira, B; Fortunato, E; et al	Al-doped ZnO thin films by sol-gel method	<i>Surface & coatings technology</i> volume: 180 pages: 659-662 , 2004.	ISI	2.199
2003	SIM	Tomescu, L.	Ripa, M; Vasilescu, E, et al.	Surface profiles of composites with PTFE matrix	<i>Journal of materials processing technology</i> volume: 143, pages: 384-389, 2009	ISI	1.42
2003	SIM	Musat, V.	Monteiro R. ; Martins R.	Thermal decomposition of a sol-gel precursor for C-axis oriented Al-doped ZnO thin films	<i>Revista Română de Chimie</i> , ISSN 0035-3930, vol. 48, no. 12, pp. 967-974.	ISI	0.284
2002	SIM	Gheorghies, L.	Gheorghies, C	Preparation of GaAs thin films from acid aqueous solution	<i>Journal of Optoelectronics and Advanced Materials</i> , Volume: 4 Issue: 4 Pages: 979-982, 2002	ISI	0.457

2002	SIM	Musat, V.	Segal, E; Brezeanu, M	On the thermal dehydration of coprecipitated ferrite powders	<i>Revista romana de chimie</i> , volume: 47 issue: 10-11 pages: 947-952 , 2002.	ISI	0.284
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