

LUCRARI PUBLICATE IN REVISTE BDI – Baza de date SCOPUS

An publicare	Departament	Primul autor (Nume, initiala prenume)	Coautori (Nume, initiala prenume)	Titlu lucrare	Volum	Tip lucrare
2014	Stiinta si Ingineria Materialelor	Ibănescu, M.,	Mușat, V., Textor, T., Badilita, V., Mahltig, B.	Photocatalytic and antimicrobial Ag/ZnO nanocomposites for functionalization of textile fabrics View in Scopus	Journal of Alloys and Compounds 610 , pp. 244	BDI
2014	Stiinta si Ingineria Materialelor	Gurău, G.,	Gurău, C., Potecașu, O., Alexandru, P., Bujoreanu, L.-G.	Novel High-Speed High Pressure Torsion Technology for Obtaining Fe-Mn-Si-Cr Shape Memory Alloy Active Elements View in Scopus	Journal of Materials Engineering and Performance	BDI
2014		Dumitru, F.-D.,	Ghiban, B., Cabrera, J.-M., Higuera-Cobos, O.-F., Gurau, G., Ghiban, N.	Calorimetric analysis of a Mg-Zn-Zr alloy processed by equal channel angular pressing via route A View in Scopus	Key Engineering Materials 583 , pp. 32	BDI
2014	Stiinta si Ingineria Materialelor	Marin, F.B.	Constantin, I.C., Marinescu, V., Banu, M., Epureanu, A.	Machine tool configuration and analysis on the base of virtual interactive prototyping View in Scopus	International Journal on Interactive Design	BDI
2013		Dumitru, F.-D.,	Ghiban, B., Cabrera, J.M., Higuera-Cobos, O., Gurau, G., Ghiban, N.	Microstructural and calorimetric analysis of ZK60 alloy processed by ECAP View in Scopus	Advanced Materials Research 682 , pp. 169	BDI
2013		Gurau, I.,	Gurau, G., Gurau, C.	Copper based shape memory alloy a modern opportunity to change classic casting dental alloys View in Scopus	TMS Annual Meeting , pp. 999	BDI
2013		Dumitru, F.-D.,	Ghiban, N., Gurău, G.	Structural characterization of ZK60 alloy subjected to ECAP process - Route A View in Scopus	UPB Scientific Bulletin, Series B: Chemistry and Materials Science 75 (1) , pp. 201	BDI
2013		Dumitru, F.-D.,	Ghiban, B., Cabrera-Marrero, J.-M., Higuera-Cobos, O.-F., Gurău, G., Ghiban, N.	Microstructural, thermal and mechanical characterisation of ZK60 alloy processed through ecap	Metalurgia International 18 (SPEC.2) , pp. 33	BDI

2013	Stiinta si Ingineria Materialelor	Gurău, C.,	Gurău, G., Alexandru, P., Ghiban, N.	Ultrafine microstructures of steel X60 induced by severe plastic deformation View in Scopus	Metalurgia International 18 (SPEC.2) , pp. 37	BDI
2013	Stiinta si Ingineria Materialelor	Danciu, A.-I.,	Musat, V., Busani, T., Pinto, J.V., Barros, R., Maria Rego, A., Maria Ferraria, A., Carvalho, P.A., (...), Fortunato, E.	Uniform arrays of ZnO 1D nanostructures grown on Al:ZnO seeds layers by hydrothermal method View in Scopus	Journal of Nanoscience and Nanotechnology 13 (10) , pp. 6701	BDI
2013	Stiinta si Ingineria Materialelor	Potecasu, F.,	Potecasu, O., Bordei, M., Alexandru, P., Marin, M	The corrosion behavior of naval reconditioned steel by welding in marine environment View in Scopus	International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 2 , pp. 973	BDI
2013	IMSTM	Potecasu, O.,	Potecasu, F., Bordei, M., Alexandru, P., Marin, F.	The corrosion behavior of steel for transportation of petroleum products in marine environment View in Scopus	International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 2 , pp. 981	BDI
2013	Stiinta si Ingineria Materialelor	Alexa, A.,	Radu, T., Potecasu, F., Ciocan, A.	Influence of additional alloying elements on corrosion resistance of hot dip galvanised steels View in Scopus	Materials Science Forum 730-732 , pp. 811	BDI
2013	Stiinta si Ingineria Materialelor	Alexa, A.,	Ciocan, A., Radu, T., Potecasu, F	Microalloying of the zinc for obtaining masteralloys or correction of the chemical composition for the zn baths in the galvanizing process View in Scopus	Materials Science Forum 730-732 , pp. 823	BDI
2012		Ivan, M.,		Special refractory masses for application in the iron and steel making area Mase refractare speciale pentru sectorul de elaborare a fontei și oțelului View in Scopus		Revista Romana de Materiale/ Romanian Journal of Materials 42 (1) , pp. 61 Journal of Materials Science 47 (16) , pp. 6005
2012		Mahesh, K.K.,	Muntean, M., Potecașu, F.	Stability of thermal-induced phase transformations in the severely deformed equiatomic Ni-Ti alloys View in Scopus	Optical Materials 34 (11) , pp. 1833	BDI
2012		Mazilu, M.,	Braz Fernandes, F. M., Gurau, G	Optical properties of undoped and Al-doped ZnO nanostructures grown from aqueous solution on glass substrate View in Scopus		BDI
			Tigau, N., Musat, V.			

2012	Stiinta si Ingineria Materialelor	Musat, V.	Fortunato, E., Purica, M., Mazilu, M., Do Rego, A.M.B., Diaconu, B., Busani, T.	Multifunctional zinc oxide nanostructures for a new generation of devices View in Scopus	Materials Chemistry and Physics 132 (2-3) , pp. 339	BDI
2012	Stiinta si Ingineria Materialelor	Nechita, V.,	Schoonman, J., Musat, V.	Ethanol and methanol sensing characteristics of Nb-doped TiO 2 porous thin films View in Scopus	Physica Status Solidi (A) Applications and Materials Science 209 (1) , pp. 153	BDI
2012	Stiinta si Ingineria Materialelor	Mazilu, M.	Musat, V., Innocenzi, P., Kidchob, T., Marongiu, D.	Liquid-phase preparation and characterization of zinc oxide nanoparticles View in Scopus	Particulate Science and Technology 30 (1) , pp. 32	BDI
2012		Dorohoi, D.O.,	Dascalu, C.F., Teslaru, T., Gheorghies, L.V.	Electronic absorption spectra of two 3-Aryl-pyridazinium-2,4,6-picryl- benzoyl-methylids View in Scopus	Spectroscopy Letters 45 (6) , pp. 383	BDI
2011		Fernandes, F. M.B.,	Gurau, C., Mahesh, K.K., Silva, R.J.C., Gurau, G.	Structural study of extruded CuAl13Ni4 shape memory alloy View in Scopus	Metalurgia International 16 (9) , pp. 19	BDI
2010		Mahesh, K.K.,	Fernandes, F.M.B., Gurau, G.	Phase transformation in Ni-Ti shape memory and superelastic alloys subjected to High Pressure Torsion View in Scopus	Advanced Materials Research 123-125 , pp. 1007	BDI
2010	IMSTM	Ciocan A.	Potecasu, F., Veiga, J.P.	Characteristics of the blast furnace dust in accordance with the conditions imposed by the valorisation solution View in Scopus	Metalurgia International 15 (10) , pp. 85	BDI
2010	Stiinta si Ingineria Materialelor	Marin, M.,	Drugescu, E., Potecaşu, O., Potecaşu, F., Cordeiro, R.S.	Study of corrosion behavior for steam treated sintered iron powder View in Scopus	Metalurgia International 15 (12) , pp. 95	BDI
2010	Stiinta si Ingineria Materialelor	Potecaşu, F.,	Potecaşu, O.	The accelerated corrosion behaviour of the sheets cold rolled of steel with low carbon naturally aged View in Scopus	Metalurgia International 15 (10) , pp. 80	BDI
2010	IMSTM	Radu, T.,	Potecasu, F.	Decorative surfaces obtained by hot-dip galvanization View in Scopus	International Journal of Conservation Science 1 (2) , pp. 93	BDI
2010	Stiinta si Ingineria Materialelor	Potecaşu, F.,	Potecaşu, O.	The evolution in time of the drawing sheets' quality View in Scopus	Metalurgia International 15 (3) , pp. 31	BDI

2010	Stiinta si Ingineria Materialelor	Gheorghies, L .-V.,		Intermolecular interactions in dipolar binary solutions View in Scopus	Romanian Reports of Physics 53 (1-2) , pp. 71	BDI
2010	IMSTM	Ciocan, A.,	Dorohoi, D.-O.	Characterization of the diffusion zone developed in a bimetallic steel-bronze at interface View in Scopus	Materials Science Forum 636-637 , pp. 556	BDI
2010	Stiinta si Ingineria Materialelor	Martins, R.M. S	Musat, V., Mücklich, A., Franco, N., Fortunato, E.	Characterization of mesoporous ZnO:SiO2 films obtained by the sol-gel method View in Scopus	Thin Solid Films 518 (23) , pp. 7002	BDI
2010	Stiinta si Ingineria Materialelor	Tecaru, A.	Danciu, A.-I., Muşat, V., Fortunato, E., Elangovan, E.	Zinc oxide thin films prepared by spray pyrolysis View in Scopus	Journal of Optoelectronics and Advanced Materials 12 (9) , pp. 1889	BDI
2010	Stiinta si Ingineria Materialelor	Musat, V.	Fortunato, E., Mazilu, M., Busani, T., Diaconu, B., Dobre, M.	Solution-based synthesis of semiconductive oxide 1-D nanostructures View in Scopus	Journal of Optoelectronics and Advanced Materials 12 (9) , pp. 1909	BDI
2010	Stiinta si Ingineria Materialelor	Musat, V.	Potecasu, O., Belea, R., Alexandru, P.	Magnetic materials from co-precipitated ferrite nanoparticles View in Scopus	Materials Science and Engineering B: Solid-State Materials for Advanced Technology 167 (2) , pp. 85	BDI
2010	Stiinta si Ingineria Materialelor	Gheorghieş, L .,	Dimitriu, M., Filip, E., Dorohoi, D.-O.	Universal interactions in binary solutions, studied by spectral means View in Scopus		BDI
2010	Stiinta si Ingineria Materialelor	Gheorghies, L .-V.,	Gheorghies, C.	Preparation of GaAs thin films from acid aqueous solution View in Scopus	Journal of Optoelectronics and Advanced Materials 4 (4) , pp. 979	BDI
2010	Stiinta si Ingineria Materialelor	Boiciuc, S.		Structural changes in laser cladding layers of powder high - speed steel type HS6-5-2 - M2 heated to different temperatures View in Scopus	Metalurgia International 15 (2) , pp. 30	BDI
2010	Stiinta si Ingineria Materialelor	Boiciuc, S.	Gheorghies, C.	Properties and applications of laser cladding with high - Speed steel powder, type M2 View in Scopus	Metalurgia International 15 (1) , pp. 5	BDI
2010		Cachemiche, J.-P.,	Duval P.-Y., Hachon, F., Le Gac, R., Marin, F.	Study for the LHCb upgrade read-out board View in Scopus	Journal of Instrumentation 5 (12)	BDI
2010	Stiinta si Ingineria Materialelor	Marin, F.B.,	Marinescu, V., Constantin, I.C., Banu, M.,	Technique for synthetic modeling of the hardware architecture in machining system reconfiguration View in Scopus	6th WSEAS International Conference on Dynamical Systems and Control, CONTROL	BDI

2010		Constantin, I. C.,	Epureanu, A., Banu, M., Marin, F.B., Marinescu, V., Epureanu, A.	Method for synthetic modeling of the reconfigurable machine tools using genetic algorithms View in Scopus	'10 , pp. 129	
2009	Stiinta si Ingineria Materialelor	Boiciuc, S.		Properties and application of laser cladding with Ni-Cr-B-Fe-Al alloy View in Scopus	6th WSEAS International Conference on Dynamical Systems and Control, CONTROL '10 , pp. 150	BDI
2009	Stiinta si Ingineria Materialelor	Levcovici, S.,	Levcovici, D.T.	Characterization of some powders used as addition materials in laser cladding technology View in Scopus	Metalurgia International 14 (2) , pp. 42	BDI
2009		Băicean, S.,	Petrică, A., Boiciuc, S., Palaghian, L., Potecașu, F., Ciocan, A., Gheorghieș, C.	Macro and microstructural changes in Naval steel under fatigue corrosion View in Scopus		BDI
2009	Stiinta si Ingineria Materialelor	Cananau, N.,		Thermodynamic considerations at the Severe plastic deformation View in Scopus	Metalurgia International 14 (SPEC. ISS. 10) , pp. 30 Metalurgia International 14 (SPEC. ISS. 3) , pp. 73	BDI
2009		Aslanides, E.,	Gurau, C., Gurau, G.H. Cachemiche, J.-P., Cogan, J., Duval, P.-Y., Le Gac, R., Hachon, F., Leroy, O., Liotard, P.-L., (...), Tsaregorodtsev, A.	Conception and validation software tools for the level 0 muon trigger of LHCb View in Scopus	ANIMMA 2009 - 2009 1st International Conference on Advancements in Nuclear Instrumentation, Measurement Methods and	BDI
2009		Constantin, I.,	Epureanu, A., Marinescu, V., Banu, M., Marin, F.B.	Online machining errors compensation View in Scopus	Proceedings of the 11th WSEAS International Conference on Mathematical Methods, Computational Techniques and Intelligent Systems, MAMECTIS '09, Proc. 8th WSEAS NOLASC '09, Proc. 5th	BDI
2009	Stiinta si Ingineria Materialelor	Marin, F.B.,	Marinescu, V., Banu, M., Epureanu, A., Constantin, I.	Online high resolution machining process optimal control View in Scopus	Proceedings of the 11th WSEAS International Conference on Mathematical Methods, Computational Techniques and Intelligent Systems, MAMECTIS '09, Proc. 8th WSEAS NOLASC '09, Proc. 5th WSEAS	BDI

2009	Stiinta si Ingineria Materialelor	Marin, F.B	Banu, M., Marinescu, V., Epureanu, A., Constantin, I.	AI technique for online non-linear feedrate scheduling View in Scopus	Proceedings of the 11th WSEAS International Conference on Mathematical Methods, Computational Techniques and Intelligent Systems, MAMECTIS '09, Proc. 8th WSEAS NOLASC '09, Proc. 5th	BDI
2008	Stiinta si Ingineria Materialelor	Potecașu, F.,	Mitoseriu, O., Drugescu, E., Vlad, M.	The structure of composite deposition with nickel matrix View in Scopus	Metalurgia International 13 (11) , pp. 35	BDI
2008		Mitoșeriu, O.,	Cocindău, S.C., Potecașu, F., Orac, L.	Composite coatings obtained through zinc electrochemical deposits and short ceramic fibres View in Scopus	Metalurgia International 13 (11) , pp. 19	BDI
2008		Mitoșeriu, O.,	Cocindău, S.C., Potecașu, F., Orac, L.	Composite coatings obtained through electrodeposition of cadmium and short ceramic fibers	Metalurgia International 13 (10) , pp. 35	BDI
2008	IMSTM	Potecașu, O.,	Potecașu, F., Radu, T., Alexandru, P.	Research regarding the influence of the deformation degree on the characteristics of deep drawing sheet steel View in Scopus	Metalurgia International 13 (4) , pp. 16	BDI
2008	IMSTM	Bordei, M.,	Ciocan, A., Potecașu, F., Alexandru, P.	Blast furnace iron lining runners in term of structural characterisation View in Scopus	Metalurgia International 13 (5) , pp. 45	BDI
2008	Stiinta si Ingineria Materialelor	Potecașu, F.,	Doniga, A., Dima, O.	Proofs of metal processing during I B.C - I A.D. centuries in the Cascioarele - Greaca - Prundu zone View in Scopus	Metalurgia International 13 (2) , pp. 11	BDI
2008	Stiinta si Ingineria Materialelor	Mușat, V.	Budrugaec, P., Gheorghieș, C.	Effect of reagents mixing on the thermal behavior of sol-gel precursors for silica-based nanocomposite thin films View in Scopus	Journal of Thermal Analysis and Calorimetry 94 (2) , pp. 373	BDI
2008	Stiinta si Ingineria Materialelor	Mușat, V.		Sol-gel ZnO-based thin films as key multifunctional materials for advanced technological applications View in Scopus	Metalurgia International 13 (SPEC. ISS.) , pp. 29	BDI
2008	Stiinta si Ingineria Materialelor	Musat, V.	Fortunato, E., Petrescu, S., Botelho Do Rego, A. M.	ZnO/SiO₂ nanocomposite thin films by sol-gel method View in Scopus	Physica Status Solidi (A) Applications and Materials Science 205 (8) , pp. 2075	BDI

2008	Stiinta si Ingineria Materialelor	Musat, V.,	Rego, A.M., Monteiro, R., Fortunato, E.	Microstructure and gas-sensing properties of sol-gel ZnO thin films View in Scopus	Thin Solid Films 516 (7) , pp. 1512	BDI
2008	Stiinta si Ingineria Materialelor	Musat, V.	Fortunato, E., Botelho do Rego, A. M., Monteiro, R	Sol-gel cobalt oxide-silica nanocomposite thin films for gas sensing applications View in Scopus	Thin Solid Films 516 (7) , pp. 1499	BDI
2008		Gheorghies, C	Gheorghies, L., Dorohoi, D.	Solvent influence on some complexes realized by hydrogen bond View in Scopus	Journal of Molecular Structure 887 (1-3) , pp. 122	BDI
2008	Stiinta si Ingineria Materialelor	Boiciuc, S.	Levcovici, S., Levocivici, D.T., Gheorghies, C.	Characterisation of hard coatings obtained by laser cladding process View in Scopus	Metalurgia International 13 (9) , pp. 32	BDI
2008		Marinescu, V.,	Constantin, I.C., Epureanu, A., Banu, M., Marin, F.B.	Online adaptive learning system for reconfigurable machine tool View in Scopus	WSEAS Transactions on Systems and Control	BDI
2008		Epureanu, A.,	Marin, F.B., Marinescu, V., Banu, M., Constantin, I.	Reconfigurable machine tool programming - A new approach View in Scopus	WSEAS Transactions on Systems and Control	BDI
2008		Augusto Alves Jr.,A.	Andrade Filho, L.M., Barbosa, A.F., Bediaga, I., Cernicchiaro, G., Guerrer, G., Lima Jr., H.P., Machado, A.A., (...), Ypsilantis, T.	The LHCb detector at the LHC View in Scopus	Journal of Instrumentation 3 (8)	BDI
2007		Gheorghies, C	Gheorghies, L., Fetecau, G.	Electrodeposition of GaAs thin films from alkaline aqueous solution View in Scopus	Journal of Optoelectronics and Advanced Materials 9 (9) , pp. 2795	BDI
2007	Stiinta si Ingineria Materialelor	Muşat, V.,	Budrugaec, P., Monteiro, R.C.C., Fortunato, E., Segal, E.	Non-isothermal kinetic study on the decomposition of Zn acetate-based Sol-gel precursor: Part 1. Application of the isoconversional methods View in Scopus	Journal of Thermal Analysis and Calorimetry 89 (2) , pp. 505	BDI
2007	Stiinta si Ingineria Materialelor	Muşat, V.,	Fortunato, E., Dima, Ş., Iticescu, C.	Mesoporous sol-gel silica-based nanocomposite thin films View in Scopus	Revue Roumaine de Chimie 52 (7) , pp. 671	BDI
2007	Stiinta si Ingineria Materialelor	Budrugaec, P.	Muşat, V., Segal, E.	Non-isothermal kinetic study on the decomposition of Zn acetate-based sol-gel precursor : PPPPart II. the application of the IKP method	Journal of Thermal Analysis and Calorimetry 88 (3) , pp. 699	BDI

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2007	Stiinta si Ingineria Materialelor	Musat, V.,	Fortunato, E., Fernandes, F.B., Silva, R.J.C.	Sol gel porous ZnO thin films for gas sensing applications View in Scopus	Journal of Optoelectronics and Advanced Materials 9 (5) , pp. 1395	BDI
2007		Levcovici, D.T ,	Levcovici, S., Boiciuc, S.	Studies and researches regarding laser cladding of nickel alloys on a steel support View in Scopus	Metalurgia International 12 (7) , pp. 41	BDI
2007	Stiinta si Ingineria Materialelor	Boiciuc, S.	Levcovici, S., Levcovici, D.T.	Structural modification in laser cladding layers heating up at different temperatures View in Scopus	Metalurgia International	BDI
2007		Aslanides, E.,	Cachemiche, J.-P., Cogan, J., Dinkespiler, B., Favard, S., Duval, P.-Y., Le Gac, R., Leroy, O., (...), Tsaregorodtsev, A.	The Level-0 muon trigger for the LHCb experiment View in Scopus	Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 579 (3) , pp. 989	BDI
2007		Aslanides, E.,	Cachemiche, J.P., Cogan, J., Duval, P.Y., Le Gac, R., Leroy, O., Liotard, P.L., Marin, F., (...), Tsaregorodtsev, A.	The level-0 muon trigger for the LHCb experiment View in Scopus	Proceedings - 12th Workshop on Electronics for LHC and Future Experiments, LECC 2006 , pp. 302	BDI
2006	Stiinta si Ingineria Materialelor	Muşat, V.,	Vilarinho, P., Monteiro, R., Fortunato, E., Segal, E.	Thermoreactivity of sol-gel precursor for ZnO-based thin films View in Scopus	Materials Science Forum 514-516 (PART 1) , pp. 73	BDI
2006	Stiinta si Ingineria Materialelor	Drasovean, R.,	Monteiro, R., Fortunato, E., Musat, V.	Optical properties of cobalt oxide films by a dipping sol-gel process View in Scopus	Journal of Non-Crystalline Solids 352 (9-20 SPEC. ISS.) , pp. 1479	BDI
2006	Stiinta si Ingineria Materialelor	Musat, V.,	Teixeira, B., Fortunato, E., Monteiro, R.C.C.	Effect of post-heat treatment on the electrical and optical properties of ZnO:Al thin films View in Scopus	Thin Solid Films 502 (1-2) , pp. 219	BDI
2005	Stiinta si Ingineria Materialelor	Muşat, V.,	Gheorghies, C., Monteiro, R.C.C., Fortunato, E., Segal, E.	Kinetics of oxides thin films crystallization from sol-gel precursor View in Scopus	Revista de Chimie 56 (4) , pp. 367	BDI

2004	Stiinta si Ingineria Materialelor	Muşat, V.,	Teixeira, B., Fortunato, E., Monteiro, R.C.C., Vilarinho, P.	Effect of thermal treatment on the properties of sol-gel derived Al-doped ZnO thin films View in Scopus	Materials Science Forum 455-456 , pp. 16	BDI
2004	Stiinta si Ingineria Materialelor	Musat, V.,	Teixeira, B., Fortunato, E., Monteiro, R.C.C., Vilarinho, P.	Al-doped ZnO thin films by sol-gel method View in Scopus	Surface and Coatings Technology 180-181 , pp. 659	BDI
2003	Stiinta si Ingineria Materialelor	Muşat, V.,	Monteiro, R., Martins, R.	Thermal decomposition of a sol-gel precursor for C-axis oriented Al-doped ZnO thin films View in Scopus	Revue Roumaine de Chimie 48 (12) , pp. 967	BDI
2003		Tomescu, L.,	Gheorghieş, C., Palade, V., Sahlean, D., Gheorghieş, L.	Aspects of analysis of reverse friction - Caused contact phenomena View in Scopus	Tribology in Industry 25 (3-4) , pp. 89	BDI
2002	Stiinta si Ingineria Materialelor	Muşat, V.,	Segal, E., Brezeanu, M.	On the thermal dehydration of coprecipitated ferrite powders View in Scopus	Revue Roumaine de Chimie 47 (10-11) , pp. 947	BDI
2002	Stiinta si Ingineria Materialelor	Musat Bujoreanu, V.,	Frangu, L., Segal, E.	Kinetic investigation on the dehydration of coprecipitated mixed oxide powders View in Scopus	Journal of Thermal Analysis and Calorimetry 68 (3) , pp. 787	BDI
2002	Stiinta si Ingineria Materialelor	Musat Bujoreanu, V.,	Segal, E.	DSC study of water elimination from the coprecipitated ferrite powders View in Scopus	Journal of Thermal Analysis and Calorimetry 68 (1) , pp. 191	BDI
2001	Stiinta si Ingineria Materialelor	Musat Burojeanu, V.,	Fournés, L., Wattiaux, A., Etourneau, J., Segal, E.	Cations distribution and magnetic properties of manganese ferrite powder prepared by coprecipitation from MnO₂ and FeSO₄·7H₂O View in Scopus	International Journal of Inorganic Materials 3 (6) , pp. 525	BDI
2001		Gheorghieş, C	Gheorghieş, L.	Preparation and study of Cr₂O₃ electrocoatings View in Scopus	Journal of Optoelectronics and Advanced Materials 3 (1) , pp. 107	BDI
2000	Stiinta si Ingineria Materialelor	Musat Bujoreanu, V.,	Diamandescu, L., Brezeanu, M.	On the structure of manganese ferrite powder prepared by coprecipitation from MnO₂ and FeSO₄·7H₂O View in Scopus	Materials Letters 46 (2-3) , pp. 169	BDI
1999	Stiinta si Ingineria Materialelor	Musat, V.,	Rabardel, L., Segal, E.	A dilatometric investigation of the thermal compaction of ferrite powders prepared by coprecipitation View in Scopus	Journal of Thermal Analysis and Calorimetry 56 (2) , pp. 603	BDI
1997	Stiinta si Ingineria Materialelor	Musat Bujoreanu, V.,	Segal, E.	Kinetics of manganese ferrite generation from aqueous solution of MnO₂ and FeSO₄·7H₂O through coprecipitation and ageing View in Scopus	Journal of Thermal Analysis 50 (5-6) , pp. 767	BDI

1996	Stiinta si Ingineria Materialelor	Musat Bujoreanu, V.,	Segal, E., Brezeanu, M., Salmon, R., Videau, J.J., Gheorghies, C.	On the formation of manganese ferrite from MnO₂ and FeSO₄·7H₂O aqueous solutions through coprecipitation View in Scopus	Thermochimica Acta 288 (1-2) , pp. 221	BDI
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