



ANEXA I

FIȘA DE EVALUARE GENERALĂ A STANDARDELOR UNIVERSITĂȚII

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE
I. ACTIVITATEA STIINTIFICĂ (70 %)	1. Articole științifice publicate <i>in extenso</i> în reviste cotate Web of Science cu factor de impact	341
	4. Articole științifice publicate <i>in extenso</i> în volumele conferințelor	0.833
	9. Contracte de cercetare științifică în instituții academice (universități, institute ale Academiei Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice)	143.828
	12. Citări și recenzii ale lucrărilor științifice	1074.378
	14. Profesor/cercetător invitat la universități/institute de cercetare	25
	18. Alte premii naționale ale instituțiilor culturale	20
	19. Participări la manifestări stiințifice	425
		P _I =2030.039
	II. ATIVITATEA DIDACTICA (30 %)	3. Materiale suport curs, seminar, lucrări practice și programe analitice detaliate
P _{II} = 10		
TOTAL PUNCTAJ: (0.7 x P _I) + (0.3 x P _{II})		1423.027



CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE
I. ACTIVITATE A STIINTIFICĂ	1. Articole științifice publicate <i>in extenso</i> în reviste cotate <i>Web of Science</i> cu factor de impact:	(60 puncte x factor de impact+25)/nr. autori)
	1) <u>M. Airimioaei</u> , M.T. Buscaglia, M.T. Tredici, U. Anselmi-Tamburini, C. E. Ciomaga, L.P. Curecheriu, A. Bencan, V. Buscaglia, L. Mitoseriu, <i>SrTiO₃-BaTiO₃ nanocomposites with temperature independent permittivity and linear tunability fabricated using field-assisted sintering from chemically synthesized powders</i> , J. Mater. Chem. C, vol. 5, pp. 9028-9036, 2017 (IF=5.256)	(60x5.256 +25)/9= 37.81
	2) F. Gheorghiu, M. Simenas, C.E. Ciomaga, <u>M. Airimioaei</u> , V. Kalendra, J. Banys, M. Dobromir, S. Tascu, L. Mitoseriu, <i>Preparation and structural characterization of Fe-doped BaTiO₃ diluted magnetic ceramics</i> , Ceram. Int., vol. 43, pp. 9998-10005, 2017 (IF=2.986)	(60x2.986+25)/9= 22.68
	3) F. Gheorghiu, L. Padurariu, <u>M. Airimioaei</u> , L. Curecheriu, C. Ciomaga, C. Padurariu, C. Galassi and L. Mitoseriu, <i>Porosity-dependent properties of Nb-doped Pb(Zr,Ti)O₃ ceramics</i> , J. Am. Ceram. Soc. , vol. 100, pp. 647-658, 2017 (IF=2.841)	(60x2.841+25)/8= 24.43
	4) <u>M. Airimioaei</u> , R. Stanculescu, V. Preutu, C. Ciomaga, N. Horchidan, S. Tascu, D. Lutic A. Pui, L. Mitoseriu, <i>Effect of particle size and volume fraction of BaTiO₃ powders on the functional properties of BaTiO₃/poly(epsilon-caprolactone) composites</i> , Mater. Chem. Phys., vol. 182, pp. 246-255, 2016 (IF=2.101)	(60x2.101+25)/9= 16.78
	5) C. E. Ciomaga, O. G. Avadanei, I. Dumitru, <u>M. Airimioaei</u> , S. Tascu, F. Tufescu, and L. Mitoseriu, <i>Engineering magnetoelectric composites towards application as tunable microwave filters</i> , J. Phys. D: Appl. Phys., vol. 49, pp. 125002(1)- 125002(2), 2016 (IF=2.772)	(60x2.772 +25)/7= 27.33
	6) A. Neagu, L. Curecheriu, <u>M. Airimioaei</u> , A. Cazacu. A. Cernescu, L. Mitoseriu, <i>Impedance spectroscopy characterization of relaxation mechanisms in gold-chitosan nanocomposites</i> , Composites Part B, vol. 71, pp. 210-217, 2015(IF=3.850)	(60x3.850+25)/6= 42.66
	7) Z.V. Mocanu, <u>M. Airimioaei</u> , C.E. Ciomaga, L. Curecheriu, F. Tudorache, S. Tascu, A.R. Iordan, N.M. Palamaru, L. Mitoseriu, <i>Investigation of the functional</i>	(60x2.371+25)/9= 18.58



<p>properties of $Mg_xNi_{1-x}Fe_2O_4$ ceramics, J. Mater. Sci., vol. 49, pp. 3276-3286, 2014 (IF=2.371)</p> <p>8) <u>M. Airimioaei</u>, M.N. Palamaru, A.R. Iordan, P. Berthet, C. Decorse, L.P. Curecheriu, L. Mitoseriu, <i>Structural investigations and functional properties of $Mg_xNi_{1-x}Fe_2O_4$ ferrites</i>, J. Am. Ceram. Soc., vol. 97, pp. 519-526, 2014 (IF=2.610)</p> <p>9) C.E. Ciomaga, A.M. Neagu, M.V. Pop, <u>M. Airimioaei</u>, S.Tascu, G. Schileo, C. Galassi, L. Mitoseriu, <i>Ferroelectric and dielectric properties of ferrite-ferroelectric ceramic composites</i>, J. Appl. Phys., vol 113, pp. 0741031-0741037, 2013 (IF=2.185)</p> <p>10) C.E. Ciomaga, <u>M. Airimioaei</u>, V. Nica, L.M. Hrib, O.F. Caltun, A. R. Iordan, C. Galassi, L. Mitoseriu, M.N. Palamaru, <i>Preparation and magnetoelectric properties of $NiFe_2O_4$-PZT composites obtained in-situ by gel-combustion method</i>, J. Eur. Ceram. Soc., vol 32, pp. 3325-3337, 2012 (IF=2.360)</p> <p>11)<u>M. Airimioaei</u>, C.E. Ciomaga, N. Apostolescu, L. Leontie A.R. Iordan, L. Mitoseriu, M.N. Palamaru, <i>Synthesis and functional properties of the $Ni_{1-x}Mn_xFe_2O_4$ ferrites</i>, JOURNAL OF ALLOYS AND COMPOUNDS, vol. 509, pp. 8065-8072, 2011(IF=2.289)</p> <p>12) C.E. Ciomaga, I. Dumitru, L. Mitoseriu, C. Galassi, A.R. Iordan, <u>M. Airimioaei</u>, M.N. Palamaru, <i>Magnetoelectric ceramic composites with double-resonant permittivity and permeability in GHz range: A route towards isotropic metamaterials</i>, Scr. Mater., vol.62, pp. 610-612, 2010 (IF=2.820)</p> <p>13) A.R. Iordan, <u>M. Airimioaei</u>, M.N. Palamaru, C. Galassi, A.V. Sandu, C.E. Ciomaga, F. Prihor, L. Mitoseriu, A. Ianculescu, <i>In situ preparation of $CoFe_2O_4$-$Pb(ZrTi)O_3$ multiferroic composites by gel-combustion technique</i>, J. Eur. Ceram. Soc., vol.29, pp. 2807-2813, 2009 (IF=2.090)</p> <p>14) C.E. Ciomaga, C. Galassi, F. Prihor, I. Dumitru, L. Mitoseriu, A.R. Iordan, <u>M. Airimioaei</u>, M.N. Palamaru, <i>Preparation and properties of the $CoFe_2O_4$-$Nb-Pb(Zr,Ti)O_3$ multiferroic composites prepared in situ by gel-combustion method</i>, J. Alloys Compd., vol, 485, pp. 372-378, 2009 (IF=2.135)</p>	<p>(60x2.210+25)/7=25.94</p> <p>(60x2.185 +25)/8=19.51</p> <p>(60x2.360+25)/9=18.51</p> <p>(60x2.289 +25)/7=23.19</p> <p>(60x2.820 +25)/7=27.74</p> <p>(60x2.090+25)/9=16.71</p> <p>(60x2.135 +25)/8=19.13</p>
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2. Articole științifice publicate <i>in extenso</i> în reviste cotate <i>Web of Science</i> fără factor de impact	
3. Articole științifice publicate <i>in extenso</i> în reviste indexate BDI	
4. Articole științifice publicate <i>in extenso</i> în volumele conferințelor: 1) <u>M. Airimioaei</u> , A.R. Iordan, M.N. Palamaru, C. Ciomaga, A. Sandu, L. Mitoșeriu, <i>Préparation et caractérisation des ferrites de Ni et Mn obtenues par réaction de combustion</i> , Premier colloque francophone sur les matériaux, les procédés et l'environnement, Volume des papiers, Editura Printech, 2009, ISBN 978-606-521-328-9, pag. 69.	alte categorii: 5 puncte / numar autori $5/6=0.833$
5. Cărți științifice publicate (doar prima ediție)	
6. Cărți științifice traduse și publicate în edituri din străinătate	
7. Coordinarea și editarea de volume, traduceri și antologii	
8. Articole publicate în dicționare și enciclopedii	
9. Contracte de cercetare științifică în instituții academice (universități, institute ale Academiei Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice): 1) Proiect nr. 501, cod SMIS-CSNR, cu titlul <i>Centru de Cercetare în Domeniul Materialelor și Tehnologiilor Avansate – RAMTECH</i> , contract de finanțare nr. 162/15.06.2010, director de proiect CS dr. Sorin TASCU, valoare totală 9 112 928 RON, perioada de implementare 15 iunie 2010 – 13 decembrie 2013, 9 membri 2) PN-II-ID-PCE-2011-3-0745 cu titlul <i>Design de material, preparare, proprietăți și modelare de structuri multifuncționale oxidice pentru microelectronică și noi aplicații în stocare de energie (MULTIFOX)</i> , director de proiect prof. univ. dr. Liliana Mitoșeriu, contract de finanțare nr. 270/2011, valoarea de 1 500 000 RON perioada de derulare 2011-2016, 7 membri 3) PN-II-PT-PCCA-2013-4-1119 cu titlul <i>Compozite magnetoelectrice cu proprietăți emergente pentru aplicații în comunicații fără fir și senzori (MECOMAP)</i> , director de proiect prof. univ. dr. Liliana Mitoșeriu, contract de	contracte naționale – membru: 50 puncte pentru fiecare 500.000 lei / numărul membrilor echipei de cercetare $[(9\ 112\ 928 \times 50) / 500\ 000] / 9 = 101.254$ $[(1\ 500\ 000 \times 50) / 500\ 000] / 7 = 21.428$ $[(431\ 250 \times 50) / 500\ 000] / 12 = 3.593$



	<p>finanțare nr. 263/2014, valoarea de 750 000 RON (din care UAIC 431.250 RON), perioada de derulare 2014-2017, 12 membri</p> <p>4) PNII-RU-TE-2014-4-1494 cu titlul <i>Exploatarea porozității în materiale feroelectrice prin controlul câmpului local pentru îmbunătățirea proprietăților funcționale (EXPOFER)</i>, director de proiect dr. Leontin Padurariu, contract de finanțare nr. 257/2015, valoarea de 550 000 RON, perioada de derulare 2015-2017, 7 membri</p> <p>5)PN-III-P4-ID-PCE-2016-0817 cu titlul <i>Cercetări fundamentale ale fenomenelor dependente de scală în feroelectrice pe bază de titanat de bariu: granulația critică și efectul nanostructurării</i>, director de proiect prof. univ. dr. Liliana Mitoșeriu, contract de finanțare nr. 192/2017, valoarea de 775 700 RON, perioada de derulare 2017-2019, 8 membri</p>	<p>$[(550\,000 \times 50) / 500\,000] / 7 = \mathbf{7.857}$</p> <p>$[(775\,700 \times 50) / 500\,000] / 8 = \mathbf{9.696}$</p>
	10. Contracte de cercetare în mediul de afaceri și sectorul public	
	11. Brevete	
	<p>12. Citări și recenzii ale lucrărilor științifice:</p> <p>1) C.E. Ciomaga, C. Galassi, F. Prihor, I. Dumitru, L. Mitoșeriu, A.R. Iordan, <u>M. Airimioaei</u>, M.N. Palamaru, <i>Preparation and properties of the $\text{CoFe}_2\text{O}_4\text{-Nb-Pb}(\text{Zr,Ti})\text{O}_3$ multiferroic composites prepared in situ by gel-combustion method</i>, J. Alloys Compd., vol. 485, pp. 372-378, 2009 (IF=2.135)</p> <p>15 CITARI:</p> <p>1) FE. Carvalho, LV. Lemos, ACC. Migliano, JPB. Machado, RC. Pullar, <i>Structural and complex electromagnetic properties of cobalt ferrite (CoFe_2O_4) with an addition of niobium pentoxide</i>, Ceram. Int., vol.44, pp. 915-921, 2018 (IF=2.986)</p> <p>2) A. Sakanas, D. Nuzhnyy, R. Grigalaitis, J. Banyas, F. Borodavka, S. Kamba, C.E. Ciomaga, L. Mitoseriu, <i>Dielectric and phonon spectroscopy of Nb-doped $\text{Pb}(\text{Zr}_{1-y}\text{Ti}_y)\text{O}_3\text{-CoFe}_2\text{O}_4$ composites</i>, J. Appl. Phys, vol. 121, pp.214101, 2017 (IF=2.068)</p>	<p>reviste de specialitate din străinătate: (10 + 20 x factor de impact) / număr autori, pentru fiecare citare</p> <p>$(10 + 20 \times 2.986) / 8 = \mathbf{8.715}$</p> <p>$(10 + 20 \times 2.068) / 8 = \mathbf{6.42}$</p>



3) P. Galizia, C.E. Ciomaga, L. Mitoseriu, C. Galassi, <i>PZT-cobalt ferrite particulate composites: Densification and lead loss controlled by quite-fast sintering</i> , J. Eur. Ceram. Soc., vol. 37, pp.161-168, 2017 (IF=3.345)	$(10 + 20 \times 3.345) / 8 =$ 9.612
4) P. Galizia, C. Baldisserri, C. Capianni, C. Galassi, <i>Multiple parallel twinning overgrowth in nanostructured dense cobalt ferrite</i> , Materials & Design, vol. 109, pp.19-26, 2016 (IF=4.364)	$(10 + 20 \times 4.364) / 8 =$ 12.16
5) R. Grigalaitis, MMV Petrovic, D. Baltrunas, K. Mazeika, B.D. Stojanovic, J.Banys, <i>Broadband dielectric and Mossbauer studies of BaTiO₃-NiFe₂O₄ composite multiferroics</i> , J. Mater. Sci. Mater. Electron., vol. 26, pp. 9727-9734, 2015 (IF=1.798)	$(10 + 20 \times 1.798) / 8 =$ 5.745
6) S.B. Balmus, C.E. Ciomaga, N. Horchidan, L. Mitoseriu, I. Dumitru, <i>Improvement of impedance spectroscopy methods: resonance analysis of samples</i> , Meas. Sci. Technol., vol.26, 2015 (IF=1.492)	$(10 + 20 \times 1.492) / 8 =$ 4.98
7) L.P. Curecheriu, M.T Buscaglia, F. Maglia, U. Anselmi-Tamburini, V. Buscaglia, L. Mitoseriu, <i>Design tunable materials: Ferroelectric-antiferroelectric composite with core-shell structure</i> , Appl. Phys. Lett., vol.105, 2014 (IF=3.302)	$(10 + 20 \times 3.302) / 8 =$ 9.505
8) B. Raneesh, H. Soumya, J. Philip, S. Thomas, K. Nandakumar, <i>Magnetoelectric properties of multiferroic composites (1-x)ErMnO₃-xY₃Fe₅O₁₂ at room temperature</i> , J. Alloys Compd., vol. 661, pp. 381-385, 2014 (IF=2.999)	$(10 + 20 \times 2.999) / 8 =$ 8.747
9) J. Rani, KL. Yadav, S. Prakash, <i>Enhanced magnetodielectric effect and optical property of lead-free multiferroic (1-x)(Bi_{0.5}Na_{0.5})TiO₃/xCoFe₂O₄ composites</i> , Mater. Chem. Phys., vol. 147, pp. 1183-1190, 2014 (IF=2.259)	$(10 + 20 \times 2.259) / 8 =$ 6.897
10) Y. Dang-Hyok, K.Raju, M. Bong-Ki, PV Reddy, <i>Synthesis and characterization of microwave sintered ferromagnetic-ferroelectric perovskite composites</i> , Ceram. Int., vol. 40, pp. 13497-13505, 2014 (IF=2.605)	$(10 + 20 \times 2.605) / 8 =$ 7.762
11) U. Aceveto, T. Gaudisson, R. Ortega-Zempoalteca, S. Nowak, S. Ammar, R. Valenzuela, <i>Magnetic properties of ferrite-titanate nanostructured composites synthesized by the polyol method and consolidated by spark plasma sintering</i> , J. Appl. Phys., vol. 113, 2013 (IF=2.185)	$(10 + 20 \times 2.185) / 8 =$ 6.712



<p>12) ZH. Ren, Z. Xiao, SM. Yin, JQ. Mai, ZY. Liu, G. Xu, X. Li, G. Shen, GR. Han, <i>Preparation and characterization of single-crystal multiferroic nanofiber composites</i>, J. Alloys Compd., vol. 552, pp. 518-523, 2013 (IF=2.726)</p> <p>13) LV. Leonel, JB. Silva, AS. Albuquerque, JD. Ardisson, WAA Macedo, NDS Mohallem, <i>Structural and Mossbauer investigation on barium titanate-cobalt ferrite composites</i>, J. Phys. Chem. Solids, vol. 73, pp. 1362-1371, 2012 (IF=1.527)</p> <p>14) SM. Baber, QL. Lin, GF. Zou, N. Haberkorn, SA. Baily, HY. Wang, ZX. Bi, H. Yang, SG. Deng, ME. Hawley, L. Civale, E. Bauer, TM. McCleskey, AK. Burrel, QX. Jia, HM. Luo, <i>Magnetic Properties of Self-Assembled Epitaxial Nanocomposite CoFe₂O₄:SrTiO₃ and CoFe₂O₄:MgO Films</i>, J. Phys. Chem. C, vol. 115, pp. 25338-25342, 2011 (IF=4.805)</p> <p>15) L.Zhu, YL. Dong, XH. Zhang, YY. Yao, WJ. Weng, GR. Han, N.Ma, PY. Du, <i>Microstructure and properties of sol-gel derived PbTiO₃/NiFe₂O₄ multiferroic composite thin film with the two nano-crystalline phases dispersed homogeneously</i>, J. Alloys Compd., vol. 503, pp. 426-430, 2010 (IF=2.138)</p> <p>2) A.R. Iordan, M. Airimioaei, M.N. Palamaru, C. Galassi, A.V. Sandu, C.E. Ciomaga, F. Prihor, L. Mitoseriu, A. Ianculescu, <i>In situ preparation of CoFe₂O₄-Pb(ZrTi)O₃ multiferroic composites by gel-combustion technique</i>, J. Eur. Ceram. Soc., vol.29, pp. 2807-2813, 2009 (IF=2.090)</p> <p>19 CITARI:</p> <p>1) CP. Fernandez, FL. Zabotto, D. Garcia, RHGA. Kiminami, <i>In situ sol-gel co-synthesis at as low hydrolysis rate and microwave sintering of PZT/Fe₂CoO₄ magnetoelectric composite ceramics</i>, Ceram. Int., vol. 43, pp. 5925-5933, 2017(IF=2.986)</p> <p>2) LP. Curecheriu, MT. Buscaglia, F. Maglia, C. Padurariu, G. Ciobanu, U. Anselmi-Tamburini, V. Buscaglia, L. Mitoseriu, <i>Tailoring the functional properties of PLZT-BaTiO₃ composite ceramics by core-shell approach</i>, J. Appl. Phys., vol. 121, 2017 (IF=2.068)</p> <p>3) P. Galizia, C.E. Ciomaga, L. Mitoseriu, C. Galassi, <i>PZT-cobalt ferrite particulate composites: Densification and</i></p>	<p>$(10 + 20 \times 2.726) / 8 =$ 8.065</p> <p>$(10 + 20 \times 1.527) / 8 =$ 5.067</p> <p>$(10 + 20 \times 4.805) / 8 =$ 13.26</p> <p>$(10 + 20 \times 2.138) / 8 =$ 6.595</p> <p>$(10 + 20 \times 2.986) / 9 =$ 7.746</p> <p>$(10 + 20 \times 2.068) / 9 =$ 5.70</p>
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<p><i>lead loss controlled by quite-fast sintering</i>, J. Eur. Ceram. Soc., vol. 37, pp.161-168, 2017 (IF=3.345)</p> <p>4) C.P. Fernandez, FL. Zabotto, D. Garcia, RHGA. Kiminami, <i>In situ sol gel co-synthesis under controlled pH and microwave sintering of PZT/CoFe₂O₄ magnetoelectric composite ceramics</i>, Ceram. Int., vol. 42, pp. 3239-3249, 2016 (IF=2.986)</p> <p>5) CP. Fernandez, RHGA Kiminami, D. Garcia, <i>Structural and dielectric properties of multiferroic (1-x)(0.675PMN-0.325PT)/(x)CoFe₂O₄ particulate composites obtained by microwave sintering</i>, Integr. Ferroelectr. vol. 174, pp. 146-154, 2016 (IF=0.457)</p> <p>6) P. Galizia, IV. Ciuchi, D. Gardini, C. Baldisserri, C. Galassi, <i>Bilayer thick structures based on CoFe₂O₄/TiO₂ composite and niobium-doped PZT obtained by electrophoretic deposition</i>, J. Eur. Ceram. Soc., vol.36, pp. 373-380, 2016 (IF=3.454)</p> <p>7) RA. Mondal, BS. Murty, VRK. Murthy, <i>Dielectric, magnetic and enhanced magnetoelectric response in high energy ball milling assisted BST-NZF particulate composite</i>, Mater. Chem. Phys., vol.167, pp. 338-346, 2015 (IF=2.101)</p> <p>8) JK. Dipti, JK. Junei, S. Singh, KK. Raina, C. Prakash, <i>Enhancement in magnetoelectric coupling in PZT based composites</i>, Ceram. Int., vol. 41, pp. 6108-6112, 2015 (IF=2.986)</p> <p>9) N. Adhlakha, KL. Yadav, R. Singh, <i>Effect of BaTiO₃ addition on structural, multiferroic and magneto-dielectric properties of 0.3CoFe₂O₄-0.7BiFeO₃ ceramics</i>, Smart Mater. Struct., vol.23, 2014 (IF=2.502)</p> <p>10) L. Curecheriu, P. Postolache, MT. Buscaglia, V. Buscaglia, A. Ianculescu, L. Mitoseriu, <i>Novel magnetoelectric ceramic composites by control of the interface reactions in Fe₂O₃@BaTiO₃ core-shell structures</i>, J. Appl. Phys., vol. 116, 2014 (IF=2.183)</p> <p>11) JS. Andrew, JD. Starr, MAK. Budi, <i>Prospects for nanostructured multiferroic composite materials</i>, Scr. Mater., vol. 74, pp. 38-43, 2014 (IF=3.224)</p>	<p>$(10 + 20 \times 3.345) / 9 =$ 8.544</p> <p>$(10 + 20 \times 2.986) / 9 =$ 7.746</p> <p>$(10 + 20 \times 0.457) / 9 =$ 2.126</p> <p>$(10 + 20 \times 3.454) / 9 =$ 8.786</p> <p>$(10 + 20 \times 2.101) / 9 =$ 5.78</p> <p>$(10 + 20 \times 2.986) / 9 =$ 7.746</p> <p>$(10 + 20 \times 2.502) / 9 =$ 6.671</p> <p>$(10 + 20 \times 2.183) / 9 =$ 5.962</p> <p>$(10 + 20 \times 3.224) / 9 =$ 8.275</p>
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12) JP. Zhou, L.Lv, Q. Liu, YX. Zhang, P. Liu, <i>Hydrothermal synthesis and properties of NiFe₂O₄@BaTiO₃ composites with well-matched interface</i> , Sci. Technol. Adv. Mater., vol.13, 2012 (IF=3.752)	$(10 + 20 \times 3.752) / 9 =$ 9.448
13) C.E. Ciomaga, S.B. Balmus, I. Dumitru, L. Mitoseriu, <i>Experimental and analytical modeling of resonant permittivity and permeability in ferroelectric-ferrite composites in microwave range</i> , J. Appl. Phys., vol. 111, 2012 (IF=2.210)	$(10 + 20 \times 2.210) / 9 =$ 6.022
14) S. Basu, KR. Babu, RNP. Choudhary, <i>Studies on the piezoelectric and magnetostrictive phase distribution in lead zirconate titanate-cobalt iron oxide composites</i> , Mater. Chem. Phys., vol. 132, pp. 570-580, 2012 (IF=2.072)	$(10 + 20 \times 2.072) / 9 =$ 5.715
15) IV. Lisnevskaya, IA. Bobrova, TG. Lupeiko, <i>Comparison of the Properties of PZTNB-₁+Ni_{0.9}Co_{0.1}Cu_{0.1}Fe_{1.9}O₄-δ Magnetoelectric Composites Manufactured from Components Synthesized by Sol-Gel Processes</i> , Russ. J. Phys. Chem., vol.57, pp. 84-89, 2012 (IF=0.417)	$(10 + 20 \times 0.417) / 9 =$ 2.037
16) DX. Zhou, G. Jian, YN. Zheng, SP. Gong, F. Shi, <i>Electrophoretic deposition of BaTiO₃/CoFe₂O₄ multiferroic composite films</i> , Appl. Surf. Sci., vol. 257, pp. 7621-7626, 2011 (IF=2.103)	$(10 + 20 \times 2.103) / 9 =$ 5.784
17) H.B. Yang, H. Wang, L.He, L. Shui, X. Yao, <i>Polarization relaxation mechanism of Ba_{0.6}Sr_{0.4}TiO₃/Ni_{0.8}Zn_{0.2}Fe₂O₄ composite with giant dielectric constant and high permeability</i> , J. Appl. Phys., vol.108, 2010 (IF=2.079)	$(10 + 20 \times 2.079) / 9 =$ 5.731
18) HB. Yang, H. Wang, L. Shui, L. He, <i>Hybrid processing and properties of Ni_{0.8}Zn_{0.2}Fe₂O₄/Ba_{0.6}Sr_{0.4}TiO₃ magnetodielectric composites</i> , Journal of Material Research, vol.25, pp.1803-1811, 2010 (IF=1.402)	$(10 + 20 \times 1.402) / 9 =$ 4.226
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15) MDP. Silva, FC. Silva, FSM. Sinfronio, AR. Paschoal, EN. Silva, CWA. Paschoal, <i>The effect of cobalt substitution in crystal structure and vibrational modes of CuFe₂O₄ powders obtained by polymeric precursor method</i> , J. Alloys Compd., vol. 584, pp. 573-580, 2014 (IF=2.999)	$(10 + 20 \times 2.999) / 7 =$ 9.997
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<p><i>studies</i>, Nucl Instrum Methods Phys Res B, vol. 304, pp. 72-79, 2013 (IF=1.186)</p> <p>19) A. Sutka, G. Mezinskis, A. Lusiš, D. Jakovlevs, <i>Influence of iron non-stoichiometry on spinel zinc ferrite gas sensing properties</i>, Sens. Actuator B-Chem., vol.171, pp.204-209, 2012 (IF=3.535)</p> <p>20) SL. Cheng, JG. Lin, KM. Kuo, G. Chern, <i>Cation distribution in nickel manganese oxide</i>, J. Appl. Phys., vol.111, 2012 (IF=2.210)</p> <p>21) W. Wen, JM. Wu, JP. Tu, <i>A novel solution combustion synthesis of cobalt oxide nanoparticles as negative-electrode materials for lithium ion batteries</i>, J. Alloys Compd., vol. 513, pp. 592-596, 2012 (IF=2.390)</p> <p>5) C.E. Ciomaga, M. Airimioaei, V. Nica, L.M. Hrib, O.F. Caltun, A. R. Iordan, C. Galassi, L. Mitoseriu, M.N. Palamaru, <i>Preparation and magnetoelectric properties of NiFe₂O₄-PZT composites obtained in-situ by gel-combustion method</i>, J. Eur. Ceram. Soc., vol 32, pp. 3325-3337, 2012 (IF=2.360)</p> <p>41 CITARI:</p> <p>1) As Dzunuzovic, MMV. Petrovic, JD. Bobic, NI. Ilic, M. Ivanov, R. Grigalaitis, J. Banys, BD. Stojanovic, <i>Magnetoelectric properties of xNi_{0.7}Zn_{0.3}Fe₂O₄ - (1-x)BaTiO₃ multiferroic composites</i>, Ceram. Int., vol. 44, pp. 683-694, 2018 (IF=2.986)</p> <p>2) S.K. Mandal, R. Debnath, S. Singh, A. Nath, P. Dey, TK. Nath, <i>Signature of magnetoelectric coupling of xNiFe₂O₄ - (1-x) HoMnO₃ (x=0.1 and 0.3) multiferroic nanocomposites</i>, J. Magn. Magn. Mater., vol.443, pp. 222-232, 2017 (IF=2.63)</p> <p>3) S.K. Mandal, R. Debnath, P. Dey, A. Nath, <i>xZn_{0.3}Ni_{0.7}Fe₂O₄-(1-x)HoMnO₃ (x=0.1, 0.3 and 0.5) nanocomposites: magnetoelectric, magnetodielectric and AC electrical response</i>, Materials Research Express, vol. 4, 2017 (IF=1.068)</p> <p>4) B. Dhanalakshmi, P. Kollu, BC. Sekhar, BP. Rao, PSVS. Rao, <i>Enhanced magnetic and magnetoelectric properties of Mn doped multiferroic ceramics</i>, Ceram Int., vol.43, pp. 9272-9275, 2017 (IF=2.986)</p>	<p>$(10 + 20 \times 3.535) / 7 =$ 11.528</p> <p>$(10 + 20 \times 2.210) / 7 =$ 7.742</p> <p>$(10 + 20 \times 2.390) / 7 =$ 8.257</p> <p>$(10 + 20 \times 2.986) / 9 =$ 7.746</p> <p>$(10 + 20 \times 2.63) / 9 =$ 6.955</p> <p>$(10 + 20 \times 1.068) / 9 =$ 3.484</p> <p>$(10 + 20 \times 2.986) / 9 =$ 7.746</p>
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11) MV. Reddy, JP. Paul, NS. Sowmya, A. Srinivas, D. Das, <i>Magneto-electric properties of in-situ prepared xCoFe₂O₄-(1-x)(Ba_{0.85}Ca_{0.15})(Zr_{0.1}Ti_{0.9})O₃ particulate composites</i> , Ceram Int., vol. 42, pp. 17827-17833, 2016 (IF=2.986)	$(10 + 20 \times 2.986) / 9 =$ 7.746
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21) R. Sharma, RP. Tandon, <i>Study of microstructure, dielectric and magnetoelectric properties of the lead free co-fired BaTiO₃-CoZn_{0.2}Fe_{1.8}O₄-BaTiO₃ trilayer</i>	$(10 + 20 \times 1.798) / 9 =$ 5.106



<p>composites, J. Mater. Sci. Mater. Electron., vol.26, pp. 5295-5302, 2015 (IF=1.798)</p> <p>22) MD. Rahaman, SH. Setu, SK. Saha, AKMA, Hossain, <i>Synthesis and characterization of $La_{0.75}Ca_{0.15}Sr_{0.05}Ba_{0.05}MnO_3-Ni_{0.9}Zn_{0.1}Fe_2O_4$ multiferroic composites</i>, J. Magn. Magn. Mater., vol. 385, pp. 418-427, 2015 (IF=2.357)</p> <p>23) S.B. Balmus, C.E. Ciomaga, N. Horchidan, L. Mitoseriu, I. Dumitru, <i>Improvement of impedance spectroscopy methods: resonance analysis of samples</i>, Meas. Sci. Technol., vol.26, 2015 (IF=1.492)</p> <p>24) HB. Yang, G. Zhang, Y. Lin, <i>Electrical, magnetic and magnetoelectric properties of laminated $0.65BiFeO_3-0.35BaTiO_3/BiY_2Fe_5O_{12}$ composites</i>, Smart Mater. Struct., vol. 24, 2015 (IF=2.769)</p> <p>25) P. Peng, YY. Hu, Y. Liu, S. Chen, J. Shi, R. Xiong, Y. Zhang, <i>Magnetoelectric effect of $CoFe_2O_4/Pb(Zr,Ti)O_3$ composite ceramics sintered via spark plasma sintering technology</i>, Ceram. Int., vol. 41, pp. 6676-6682, 2015 (IF=2.758)</p> <p>26) WS. Kang, SK. Lee, JH. Koh, <i>AC conductivity and dielectric properties of $(Bi,Na)TiO_3-BaTiO_3$ lead free ceramics</i>, Ceram. Int., vol. 41, pp. 6925-6832, 2015 (IF=2.758)</p> <p>27) HB. Yang, G. Zhang, HY. Chen, HM. Li, Z. Li, <i>Electrical, magnetic and magnetoelectric properties of $0.6BaTiO_3-0.4BiFeO_3/CoFe_2O_4$ particulate composites</i>, J. Mater. Sci. Mater. Electron., vol. 26, pp.3370-3374, 2015 (IF=1.798)</p> <p>28) HB. Yang, G. Zhang, N. Han, <i>Enhanced ferroelectric and magnetoelectric properties of the laminated $0.65BiFeO_3-0.35BaTiO_3/BiY_2Fe_5O_{12}$ composite</i>, Materials Letters, vol. 145, pp. 91-94, 2015 (IF=2.437)</p> <p>29) M. Atif, M. Nadeem, <i>Interplay between the ferromagnetic and ferroelectric phases on the magnetic and impedance analysis of $(x)PbZr_{0.52}Ti_{0.48}O_3-(1-x)CoFe_2O_4$ composites</i>, J. Alloys Compd., vol. 623, pp. 447-453, 2015 (IF=3.014)</p>	<p>$(10 + 20 \times 2.357) / 9 =$ 6.348</p> <p>$(10 + 20 \times 1.492) / 9 =$ 4.426</p> <p>$(10 + 20 \times 2.769) / 9 =$ 7.264</p> <p>$(10 + 20 \times 2.758) / 9 =$ 7.24</p> <p>$(10 + 20 \times 2.758) / 9 =$ 7.24</p> <p>$(10 + 20 \times 1.798) / 9 =$ 5.016</p> <p>$(10 + 20 \times 2.437) / 9 =$ 6.526</p> <p>$(10 + 20 \times 3.014) / 9 =$ 7.808</p>
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30) Y. Lin, P. kang, HB. Yang, M. Liu, <i>Preparation and magnetic properties of $\text{Bi}_2\text{Fe}_4\text{O}_9/\text{CoFe}_2\text{O}_4$ composite powders</i> , J. Mater. Sci. Mater. Electron., vol.26, pp. 1102-1106, 2015 (IF=1.798)	$(10 + 20 \times 1.798) / 9 =$ 5.106
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32) P. Pahuja, RK. Kotnala, RP. Tandon, <i>Effect of rare earth substitution on properties of barium strontium titanate ceramic and its multiferroic composite with nickel cobalt ferrite</i> , J. Alloys Compd., vol. 617, pp.140-148, 2014 (IF=2.999)	$(10 + 20 \times 2.999) / 9 =$ 7.775
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34) J. Rani, KL. Yadav, S. Prakash, <i>Dielectric and magnetic properties of $x\text{CoFe}_2\text{O}_4-(1-x)[0.5\text{Ba}(\text{Zr}_{0.2}\text{Ti}_{0.8})\text{O}_3-0.5(\text{Ba}_{0.7}\text{Ca}_{0.3})\text{TiO}_3]$ composites</i> , Mater Res Bull., vol. 60, pp. 367-375, 2014 (IF=2.288)	$(10 + 20 \times 2.288) / 9 =$ 6.195
35) CE. Ciomaga, L. Padurariu, LP. Curecheriu, N. Iupu, I. Lisiecki, M. Deluca, S. Tascu, C. Galassi, L. Mitoseriu, <i>Using multi-walled carbon nanotubes in spark plasma sintered $\text{Pb}(\text{Zr}_{0.47}\text{Ti}_{0.53})\text{O}_3$ ceramics for tailoring dielectric and tunability properties</i> , J. Appl. Phys., vol. 116, 2014 (IF=2.183)	$(10 + 20 \times 2.183) / 9 =$ 5.962
36) A. Sakanas, R. Grigalaitis, J. Banys, L. Mitoseriu, V. Buscaglia, P. Nanni, <i>Broadband dielectric spectroscopy of $\text{BaTiO}_3\text{-Ni}_{0.5}\text{Zn}_{0.5}\text{Fe}_2\text{O}_4$ composite ceramics</i> , J. Alloys Compd., vol. 602, pp. 241-247, 2014 (IF=2.999)	$(10 + 20 \times 2.999) / 9 =$ 7.775
37) VR. Mudinepalli, SH. Song, BS. Murty, <i>Enhanced magnetoelectric properties in lead-free $\text{Ni}_{0.83}\text{Co}_{0.15}\text{Cu}_{0.02}\text{Fe}_{1.9}\text{O}_{4-\delta}\text{-Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ composites by spark plasma sintering</i> , Scripta Materialia, vol. 82, pp. 9-12, 2014 (IF=3.224)	$(10 + 20 \times 3.224) / 9 =$ 8.275
38) R. Grigalaitis, MMV. Petrovic, JD. Bobic, A. Dzunuzovic, R. Sobiestianskas, A. Brilingas, BD. Stojanovic, J. Banys, <i>Dielectric and magnetic properties of</i>	$(10 + 20 \times 2.605) / 9 =$ 6.9



<p><i>BaTiO₃-NiFe₂O₄ multiferroic composites</i>, Ceram. Int., vol. 40, pp. 6165-6170, 2014 (IF=2.605)</p> <p>39) V. Pascariu, L. Padurariu, O. Avadanei, L. Mitoseriu, <i>Dielectric properties of PZT-epoxy composite thick films</i>, J. Alloys Compd., vol. 574, pp. 591-199, 2013 (IF=2.726)</p> <p>40) L. Curecheriu, P. Postolache, V. Buscaglia, N. Horchidan, M. Alexe, L. Mitoseriu, <i>BaTiO₃-ferrite composites with magnetocapacitance and hard/soft magnetic properties</i>, Phase Transitions, vol. 86, pp. 670-680, 2013 (IF=1.044)</p> <p>41) CE. Ciomaga, CS. Olariu, L. Padurariu, AV. Sandu, C. Galassi, L. Mitoseiu, <i>Low field permittivity of ferroelectric-ferrite ceramic composites: Experiment and modeling</i>, J. Appl. Phys., vol. 112, 2012 (IF=2.210)</p> <p>6) C.E. Ciomaga, A.M. Neagu, M.V. Pop, M. Airimioaei, S.Tascu, G. Schileo, C. Galassi, L. Mitoseriu, <i>Ferroelectric and dielectric properties of ferrite-ferroelectric ceramic composites</i>, J. Appl. Phys., vol 113, pp. 0741031-0741037, 2013 (IF=2.185)</p> <p>21 CITARI:</p> <p>1) R. Samad, MUD. Rather, B. Want, <i>Dielectric, ferroelectric and magnetic properties of Pb_{0.95}Pr_{0.05}Zr_{0.52}Ti_{0.48}O₃ - CoPr_{0.1}Fe_{1.9}O₄ ceramic composite</i>, J. Alloys Compd, vol. 715, pp. 43-52, 2017 (IF=3.133)</p> <p>2) A. Sakanas, D. Nuzhnyy, R. Grigalaitis, J. banys, F. Borodavka, S. Kamba, CE. Ciomaga, L. Mitoseriu, <i>Dielectric and phonon spectroscopy of Nb-doped Pb(Zr_{1-y}Ti_y)O₃-CoFe₂O₄ composites</i>, J. Appl. Phys., vol. 121, 2017 (IF=2.068)</p> <p>3) SK. Saha, MD. Rahaman, MA. Zubair, AKMA. Hossain, <i>Structural, electrical, magnetic and magnetoelectric properties of (1-y) [Ba_{0.6-x}Ca_xSr_{0.4}Zr_{0.25}Ti_{0.75}O₃] + (y) [(Li_{0.5}Fe_{0.5})(0.4)Ni_{0.18}Cu_{0.12}Zn_{0.3}Fe₂O₄] composites</i>, J. Alloys Compd., vol. 698, pp. 341-356, 2017 (IF=3.133)</p> <p>4) WY. Yang, ZY. Yang, ZP. Zhou, TP. Wang, ML. Jin, JY. Xu, YL. Sui, <i>Synthesis and Characterization of CoFe₂O₄/BaTiO₃ Multiferroic Composites</i>, J. Supercond. Nov. Magn., vol. 30, pp. 665-673, 2017 (IF=1.18)</p>	<p>$(10 + 20 \times 2.726) / 9 =$ 7.168</p> <p>$(10 + 20 \times 1.044) / 9 =$ 3.431</p> <p>$(10 + 20 \times 2.210) / 9 =$ 6.022</p> <p>$(10 + 20 \times 3.133) / 8 =$ 9.082</p> <p>$(10 + 20 \times 2.068) / 8 =$ 6.42</p> <p>$(10 + 20 \times 3.133) / 8 =$ 9.082</p> <p>$(10 + 20 \times 1.18) / 8 =$ 4.2</p>
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5) C. Liu, <i>Calculation ferroelectric hysteresis loop via an explicit function</i> , Ferroelectrics Letters Section, vol. 44, pp. 49-57, 2017 (IF=0.267)	$(10 + 20 \times 0.267) / 8 =$ 1.917
6) MPF. Graca, LC. Costa, F. Amaral, MA. Valente, WM. Barcellos, FNA. Freire, KDA. Saboia, ASB. Sombra, <i>Dielectric and magnetic properties of a yttrium ferrite/calcium copper titanate composite</i> , Spectroscopy Letters, vol.50, pp. 206-213, 2017 (IF=0.794)	$(10 + 20 \times 0.794) / 8 =$ 3.235
7) V. Gorige, R. Kati, DH. Yoon, PSA. Kumar, <i>Strain mediated magnetoelectric coupling in a $\text{NiFe}_2\text{O}_4\text{-BaTiO}_3$ multiferroic composite</i> , J. Phys. D, vol. 49, 2016 (IF=2.588)	$(10 + 20 \times 2.588) / 8 =$ 7.72
8) ZH. Tang, JY. Chen, YL. Bai, SF. Zhao, <i>Magnetoelectric coupling effect in lead-free $\text{Bi}_4\text{Ti}_3\text{O}_{12}/\text{CoFe}_2\text{O}_4$ composite films derived from chemistry solution deposition</i> , Smart Mater. Struct., vol. 25, 2016 (IF=2.909)	$(10 + 20 \times 2.909) / 8 =$ 8.522
9) C. Singh, M. Jaroszewski, SB. Narang, D. Ravinder, <i>Thermoelectric and electrical properties of $\text{Ba}_{0.5}\text{Sr}_{0.5}\text{Co}_x\text{Ru}_x\text{Fe}_{(12-2x)}\text{O}_{19}$ ferrite</i> , Eur. Phys. J. B, vol. 89, 2016 (IF=1.436)	$(10 + 20 \times 1.436) / 8 =$ 4.84
10) AS. Dzunuzovic, MMV. Petrovic, BS. Stojadinovic, NI. Ilic, JD. Bobic, CR. Foschini, MA. Zaghet, BD. Stojanovic, <i>Multiferroic $(\text{NiZn})\text{Fe}_2\text{O}_4\text{-BaTiO}_3$ composites prepared from nanopowders by auto-combustion method</i> , Ceram. Int., vol. 41, pp. 13189-13200, 2015 (IF=2.758)	$(10 + 20 \times 2.758) / 8 =$ 8.145
11) ZL. Zheng, HW. Zhang, QH. Yang, LJ. Jia, <i>Structure and electromagnetic properties of NiZn spinel ferrite with nano-sized ZnAl_2O_4 additions</i> , J. Alloys Compd., vol. 648, pp. 160-167, 2015 (IF=3.014)	$(10 + 20 \times 3.014) / 8 =$ 8.785
12) H. Wattanasam, W. Photankham, S. Inthachai, T. Seetawan, R. Yimnirun, C. Thanachayanont, <i>MPB Phase Transition and Microstructure of $(1-x)\text{PMN-xPZT}$ Activated by 0.05BZN Ceramics</i> , Integr. Ferroelectr., vol. 165, pp. 19-28, 2015 (IF=0.375)	$(10 + 20 \times 0.375) / 8 =$ 2.187
13) MD. Rahaman, SH. Setu, SK. Saha, AKMA. Hossain, <i>Synthesis and characterization of $\text{La}_{0.75}\text{Ca}_{0.15}\text{Sr}_{0.05}\text{Ba}_{0.05}\text{MnO}_3\text{-Ni}_{0.9}\text{Zn}_{0.1}\text{Fe}_2\text{O}_4$ multiferroic composites</i> , J. Magn. Magn. Mater., vol. 385, pp. 418-427, 2015 (IF=2.357)	$(10 + 20 \times 2.357) / 8 =$ 7.142



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15) NS. Negi, A. Sharma, J. Shah, RK. Kotnala, <i>Investigation on impedance response, magnetic and ferroelectric properties of $0.20(\text{Co}_{1-x}\text{Zn}_x\text{Fe}_{2-y}\text{Mn}_y\text{O}_4)-0.80(\text{Pb}_{0.70}\text{Ca}_{0.30}\text{TiO}_3)$ magnetoelectric composites</i> , Mater. Chem. Phys., vol. 148, pp. 1221-1229, 2014 (IF=2.259)	$(10 + 20 \times 2.259) / 8 =$ 6.897
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18) A. Sakanas, R. Grigalaitis, J. Banys, L. Mitoseriu, V. Buscaglia, P. Nanni, <i>Broadband dielectric spectroscopy of $\text{BaTiO}_3\text{-Ni}_{0.5}\text{Zn}_{0.5}\text{Fe}_2\text{O}_4$ composite ceramics</i> , J. Alloys Compd., vol. 602, pp. 241-247, 2014 (IF=2.999)	$(10 + 20 \times 2.999) / 8 =$ 8.747
19) G. Schileo, A. Fateira, IM. Reaney, P. Postolache, L. Mitoseriu, K. Reichman, <i>Characterization of Yttrium Iron Garnet/Barium Titanate Multiferroic Composites Prepared by Sol-Gel and Coprecipitation Methods</i> , Int. J. Appl. Ceram. Technol., vol.11, pp. 457-467, 2014 (IF=1.320)	$(10 + 20 \times 1.320) / 8 =$ 4.55
20) A. Sharma, RK. Kotnala, NS. Negi, <i>Observation of multiferroic properties and magnetoelectric effect in $x\text{CoFe}_2\text{O}_4\text{-(1-x) Pb}_{0.7}\text{Ca}_{0.3}\text{TiO}_3$ composites</i> , Alloys Compd., vol. 582, pp. 628-634, 2014 (IF=2.999)	$(10 + 20 \times 2.999) / 8 =$ 8.747
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<p><i>ferrites</i>, J. Am. Ceram. Soc., vol. 97, pp. 519-526, 2014 (IF=2.610)</p> <p>4 CITARI:</p> <p>1) K. Ramarao, BR. Babu, BK. Babu, V. Veeraiah, SD. Ramarao, K. Rajesekhar, AV. Rao, <i>Composition dependence of structural, magnetic and electrical properties of Co substituted magnesium ferrite</i>, Physica B Condensed Matter, vol. 528, pp. 18-23, 2018 (IF=1.405)</p> <p>2) KCB. Naidu, W. Madhuri, <i>Microwave processed bulk and nano NiMg ferrites: A comparative study on X-band electromagnetic interference shielding properties</i>, Mater. Chem. Phys., vol.187, pp. 164-176, 2017 (IF=2.084)</p> <p>3) CBN. Kadiyala, M. Wuoulluri, <i>Effect of microwave heat treatment on pure phase formation of hydrothermal synthesized nano NiMg ferrites</i>, Phase Transitions, vol.90, pp. 847-862, 2017 (IF=1.06)</p> <p>4) NM. Ferreira, MC. Ferro, SM. Mikhalev, FM. Costa, JR. Frade, AV. Kovalevsky, <i>Guidelines to design multicomponent ferrosinels for high-temperature applications</i>, RSC Advances, vol.6, pp. 32540-32548, 2016 (IF=3.108)</p> <p>8) Z.V. Mocanu, <u>M. Airimioaei</u>, C.E. Ciomaga, L. Curecheriu, F. Tudorache, S. Tascu, A.R. Iordan, N.M. Palamaru, L. Mitoseriu, <i>Investigation of the functional properties of $Mg_xNi_{1-x}Fe_2O_4$ ceramics</i>, J. Mater. Sci., vol. 49, pp. 3276-3286, 2014 (IF=2.371)</p> <p>10 CITARI:</p> <p>1) M. Rostami, MRK. Vahdani, M. Moradi, R. Mardani, <i>Structural, magnetic, and microwave absorption properties of Mg-Ti-Zr-Co-substituted barium hexaferrites nanoparticles synthesized via sol-gel auto-combustion method</i>, J. Sol-Gel Sci. Technol., vol. 82, pp. 783-794, 2017 (IF=1.575)</p> <p>2) KCB. Naidu, S. RoopasKiran, W. Madhuri, <i>Investigations on transport, impedance and electromagnetic interference shielding properties of microwave processed NiMg ferrites</i>, Mater Res Bull., vol. 89, pp. 125-138, 2017 (IF=2.446)</p> <p>3) KCB. Naidu, W. Madhuri, <i>Hydrothermal synthesis of $NiFe_2O_4$ nano-particles: structural, morphological,</i></p>	<p>$(10 + 20 \times 1.405) / 7 =$ 5.442</p> <p>$(10 + 20 \times 2.084) / 7 =$ 7.382</p> <p>$(10 + 20 \times 1.06) / 7 =$ 4.457</p> <p>$(10 + 20 \times 3.108) / 7 =$ 10.308</p> <p>$(10 + 20 \times 1.575) / 9 =$ 4.611</p> <p>$(10 + 20 \times 2.446) / 9 =$ 6.546</p> <p>$(10 + 20 \times 0.899) / 9 =$ 3.108</p>
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	<i>optical, electrical and magnetic properties</i> , Bull. Mater. Sci., vol.40, pp. 417-425, 2017 (IF=0.899)	
	4) KCB. Naidu, W. Madhuri, <i>Microwave processed bulk and nano NiMg ferrites: A comparative study on X-band electromagnetic interference shielding properties</i> , Mater. Chem. Phys., vol.187, pp. 164-176, 2017 (IF=2.084)	$(10 + 20 \times 2.084) / 9 =$ 5.742
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	6) O. Condurache, I. Turcan, L. Curecheriu, C. Ciomaga, P. Postolache, G. Ciobanu, L. Mitoseriu, <i>Towards novel functional properties by interface reaction in mixtures of BaTiO₃-Fe₂O₃ composite ceramics</i> , Ceram Int., vol.43, pp. 1098-1105, 2017 (IF=2.986)	$(10 + 20 \times 2.986) / 9 =$ 7.746
	7) KCB. Naidu, W. Madhuri, <i>Microwave processed NiMg ferrite: Studies on structural and magnetic properties</i> , J. Magn. Mater., vol. 420, pp. 109-116, 2016 (IF=2.630)	$(10 + 20 \times 2.630) / 9 =$ 6.955
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	10) M. Ben Ali, O. Mounkachi, EL. Maalam, EL. Moussaoui, M. Hamedoun, EK. Hlil, D. Fruchart, R. Masrour, A. Benyoussef, <i>Coexistence of blocked, metamagnetic and canted ferrimagnetic phases at high temperature in Co-Nd ferrite nanorods</i> , Superlattice Microst., vol.84, pp.165-169, 2015 (IF=2.117)	$(10 + 20 \times 2.117) / 9 =$ 5.815
	9) A. Neagu, L. Curecheriu, M. Airimioaei , A. Cazacu, A. Cernescu, L. Mitoseriu, <i>Impedance spectroscopy characterization of relaxation mechanisms in gold-chitosan nanocomposites</i> , Composites Part B, vol. 71, pp. 210-217, 2015 (IF=3.850)	
	4 CITARI:	



	<p>1) A. Asadzadeh-Firouzabadi, HR. Zare, <i>An Electrochemical Nanogenosensor for Label Based and Label Free Detection of H. Pylori cagE Gene and Evaluation of DNA Damage Induced by UVC Radiation</i>, J. Electrochem. Soc., vol.164, pp. B1-B9, 2017 (IF=3.259)</p> <p>2) A. Saravanan, RP. Ramasamy, <i>Investigation of polymer dynamics in chitosan-maghemite nanocomposites: a potential green superparamagnetic material</i>, J Polym Res., vol. 23, 2016 (IF=1.615)</p> <p>3) S. Safari, TGM. van de Ven, <i>Effect of Water Vapor Adsorption on Electrical Properties of Carbon Nanotube/Nanocrystalline Cellulose Composites</i>, ACS Appl. Mater. Interfaces, vol.8, pp. 9483-9489, 2016 (IF=7.504)</p> <p>4) SNS. Begum, VK. Aswal, RP. Ramasamy, <i>Small-Angle Neutron Scattering and Spectroscopic Investigations of Ag Fractal Formation in Chitosan-Ag Nanocomposite Facilitated by Hydrazine Hydrate</i>, J. Phys. Chem. C, vol. 120, pp. 2400-2410, 2016 (IF=4.536)</p> <p>10) C. E. Ciomaga, O. G. Avadanei, I. Dumitru, <u>M. Airimioaei</u>, S. Tascu, F. Tufescu, and L. Mitoseriu, <i>Engineering magnetoelectric composites towards application as tunable microwave filters</i>, J. Phys. D: Appl. Phys., vol. 49, pp. 125002(1)- 125002(2), 2016 (IF=2.772)</p> <p>2 CITARI:</p> <p>1) HM. Zhou, H. Liu, Y. Zhou, WW. Hu, <i>Nonlinear resonance converse magnetoelectric effect modulated by voltage for the symmetrical magnetoelectric laminates under magnetic and thermal loadings</i>, AIP ADVANCES, vol.6, 2016 (IF=1.568)</p> <p>2) XH. Li, HM. Zhou, QS. Zhang, WW. Hu, <i>Lumped modeling with circuit elements for nonreciprocal magnetoelectric tunable band-pass filter</i>, Chinese Physics B, vol. 25, 2016 (IF=1.223)</p> <p>11) <u>M. Airimioaei</u>, R. Stanculescu, V. Preutu, C. Ciomaga, N. Horchidan, S. Tascu, D. Lutic A. Pui, L. Mitoseriu, <i>Effect of particle size and volume fraction of BaTiO₃ powders on the functional properties of BaTiO₃/poly(epsilon-caprolactone) composites</i>, Mater. Chem. Phys., vol. 182, pp. 246-255, 2016 (IF=2.101)</p>	<p>$(10 + 20 \times 3.259) / 6 =$ 12.53</p> <p>$(10 + 20 \times 1.615) / 6 =$ 7.05</p> <p>$(10 + 20 \times 7.504) / 6 =$ 26.68</p> <p>$(10 + 20 \times 4.536) / 6 =$ 16.786</p> <p>$(10 + 20 \times 1.568) / 7 =$ 5.908</p> <p>$(10 + 20 \times 1.223) / 7 =$ 4.922</p>
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	1 CITARE: 1) EN. Bolbasov, AV. Popkov, DA. Popkov, EN. Gorbach, IA. Khlusov, AS. Golovkin, A. Sinev, VM. Bouznik, SI. Tverdokhlebov, YG. Anissimov, Osteoinductive composite coatings for flexible intramedullary nails, Mater Sci Eng C Mater Biol Appl., vol. 75, pp. 207-220, 2017 (IF=4.164)	(10 + 20 x 4.164) /9= 10.364
	13. Lucrări susținute în calitate de invitat la manifestări științifice	
	14. Profesor/cercetător invitat la universități/institute de cercetare 1) Cercetator invitat - Laboratorul de Fizica-Chimia Stării Solide, ICMMO al Universității Paris Sud 11, Franța noiembrie 2010-aprilie 2011.	in strainatate: 25 puncte pentru fiecare activitate 25
	15. Editor/Membru în Editorial Board & Advisory Board	
	16. Premii internaționale obținute printr-un proces de selecție	
	17. Premii ale Academiei Române	
	18. Alte premii naționale ale instituțiilor culturale: 1) 2015 - <i>Women's Annual Science and Technology Distinction for Young Researcher</i> decernat de către Universitatea "Al. I. Cuza" din Iași, programul STAGES și Centrul pentru Egalitate de Șanse în Știință;	20 puncte/categorie/numar persoane 20
	19. a) Participări la manifestări științifice a) internaționale: - membru comitet organizare/consiliu științific al unor conferințe internaționale: 1) Membru în comitetul de organizare local al <i>COST MP0904 Action showcase</i> și <i>International Conference Electroceramics XIV</i> , București, România, 16-20 iunie 2014 (Institutul Național de Cercetare-Dezvoltare Pentru Fizica Materialelor, București și Universitatea Alexandru Ioan Cuza din Iași). - raportor pe secțiuni:	15 puncte pentru fiecare activitate 15 10 puncte pentru fiecare activitate



1) C. E. Ciomaga, O. G. Avadanei, I. Dumitru, <u>M. Airimioaei</u> , F. Tufescu, L. Mitoșeriu, <i>Effect of Fe doping on the ferroelectric - relaxor crossover in $BaZr_xTi_{1-x}O_3$ ceramics</i> , ISAF/ECAPD/PFM Conference, 21 - 25 august 2016, Darmstadt, Germania (poster).	10
2) <u>M. Airimioaei</u> , C.E. Ciomaga, L. Mitoșeriu, <i>Effect of magnostriptive $CoFe_2O_4$ phase on ferroelectric $PbTiO_3$ phase in magnetoelectric composites</i> , 13 th European Meeting of Ferroelectricity, 28 iunie - 3 iulie 2015, Porto, Portugalia, (prezentare orală).	10
3) <u>M. Airimioaei</u> , V. Preutu, L. Mitoșeriu, R. Stanculescu, C. Ciomaga, S. Tașcu, <i>Synthesis and characterization of composites based on Poly-ε-caprolactone and ferroelectric nanoparticles</i> , 13 th European Meeting of Ferroelectricity, 28 iunie - 3 iulie 2015, Porto, Portugalia (poster).	10
4) <u>M. Airimioaei</u> , M. T. Buscaglia, V. Buscaglia, L. Mitoșeriu, C. E. Ciomaga, L. P. Curecheriu, <i>Investigation of multifunctional composites prepared by using $SrTiO_3@BaTiO_3$ core-shell particles as reactive precursors</i> , The 8th International Conference on Advanced Materials - ROCAM, 7 - 10 iulie 2015, București, România (prezentare orală).	10
5) <u>M. Airimioaei</u> , C.E. Ciomaga, L. Mitoșeriu, <i>Preparation and functional characterization of $CoFe_2O_4$-$PbTiO_3$ magnetoelectric composites</i> , 14th International Conference EUROPEAN CERAMIC SOCIETY, 21 - 25 iunie 2015, Toledo, Spania (poster).	10
6) V. A. Lukacs, <u>M. Airimioaei</u> , C. E. Ciomaga, S. Tascu, L. Mitoșeriu, <i>Synthesis And Properties Of 1-D Nickel Oxide Structures Produced By Using Natural Fibers As Bio-Templates</i> , 10 th International Symposium on Hysteresis Modeling and Micromagnetics, 18 - 20 mai 2015, Iași, România (poster).	10
7) C. E. Ciomaga, <u>M. Airimioaei</u> , P. Postolache, L. Mitoșeriu, <i>Electric and magnetic properties of particulate ferrite-ferroelectric composites</i> , 10 th International Symposium on Hysteresis Modeling and Micromagnetics, 18 - 20 mai 2015, Iași, România (poster).	10
8) C. E. Ciomaga, <u>M. Airimioaei</u> , L. Padurariu, L. Mitoseriu, <i>Preparation and functional properties of ferroelectric-ferrite composites: Experiment and modeling</i> ,	10



	5th Management Committee Meeting (MCM5) and Meetings of Working of COST IC1208 Action, Bilkent University, 26 - 27 martie 2015, Ankara, Turcia (<i>prezentare orală</i>).	
	9) V. Preutu, R. Stanculescu, <u>M. Airimioaei</u> , L. Mitoșeriu, <i>Investigation of composites based on Poly-ε-caprolactone and magnetic/ferroelectric nanoparticles</i> , 10 th International Conference on Physics of Advanced Materials, Iași, România, 22 - 28 septembrie 2014 (<i>poster</i>).	10
	10) C.E. Ciomaga, <u>M. Airimioaei</u> , G. Stoian, M. Deluca, C. Galassi, L. Mitoșeriu, <i>Effect of reoxidation annealing on electrical properties in ceramic composites</i> , European Conference on Application of Polar Dielectrics, 7 - 11 iulie 2014, Vilnius, Lituania (<i>poster</i>).	10
	11) C. E. Ciomaga, <u>M. Airimioaei</u> , L. P. Curecheriu, M. T. Buscaglia, V. Buscaglia, L. Mitoșeriu, <i>Dielectric and non-linear properties of SrTiO₃@BaTiO₃ core-shell ceramic</i> , European Conference on Application of Polar Dielectrics 2014, 7 - 11 iulie 2014, Vilnius, Lituania (<i>prezentare orală</i>).	10
	12) C.E. Ciomaga, <u>M. Airimioaei</u> , R. Tanasă, C. Galassi, L. Mitoșeriu, <i>Study of magnetic and dielectric properties of MnFe₂O₄-ferroelectric</i> , Electroceramics XIV, 16 - 20 iunie 2014, București, România (<i>poster</i>).	10
	13) C.E. Ciomaga, I. Dumitru, <u>M. Airimioaei</u> , C. Galassi, S.B. Balmuș, L. Mitoșeriu, <i>Impedance spectroscopy analysis at high frequencies of ferroelectric-ferrite</i> , COST MP0904 Action Showcase, Electroceramics XIV, 16 - 20 iunie 2014, București, România (<i>poster</i>).	10
	14) C.E. Ciomaga, <u>M. Airimioaei</u> , G. Stoian, I. Lisiecki, M. Deluca, C. Galassi, L. Mitoșeriu, <i>Structural, microstructural and electrical properties of CNTs ceramic composites</i> , Electroceramics XIV, 16 - 20 iunie 2014, București, România (<i>prezentare orală</i>).	10
	15) <u>M. Airimioaei</u> , M. T. Buscaglia., V. Buscaglia, C. E. Ciomaga, L. Mitoseriu, <i>Multifunctional composites produced from SrTiO₃@BaTiO₃ core-shell particles</i> , Closing COST MP0904 SIMUFER Conference, 30 ianuarie – 1 februarie 2014, Genova, Italia (<i>poster</i>).	10
	16) C. E. Ciomaga, <u>M. Airimioaei</u> , G. Schileo, C. Galassi,	



L. Mitoșeriu, <i>Structural, electrical, magnetic and magnetoelectric properties in composite materials</i> , Closing COST MP0904 SIMUFERConference, Genova, Italia, 30 ianuarie – 1 februarie 2014, Genova, Italia (<i>poster</i>).	10
17) C.E. Ciomaga, <u>M. Airimioaei</u> , C. Galassi, L. Mitoșeriu, <i>Synthesis and functional characterization of $MnFe_2O_4$-PZTN magnetoelectric composites</i> , FEMS EUROMAT 8 - 13 septembrie 2013, Sevilla, Spania (<i>prezentare orală</i>).	10
18) <u>M. Airimioaei</u> , C. E. Ciomaga, C. Galassi, L. Mitoșeriu, <i>Studies on structural, electrical and magnetic properties of $xMnFe_2O_4$-(1-x)PZTN magnetoelectric composites</i> , COST SIMUFER Action MPO904 Workshop Advances in Ferroelectrics and Multiferroics, 2 - 3 septembrie 2013, Cracovia, Polonia, (<i>poster</i>).	10
19) C. E. Ciomaga, M.V. Pop, L. Padurariu, <u>M. Airimioaei</u> , C. Galassi, L. Mitoșeriu, <i>Effect of composition on functional properties of ferroelectric-ferrite composite systems</i> , Joint IEEE, UFFC, EFTF and PFM symposia 21 - 25 iulie 2013, Praga, Cehia (<i>poster</i>).	10
20) Z. V. Mocanu, <u>M. Airimioaei</u> , C. E. Ciomaga, F. Tudorache, L. P. Curecheriu, L. Mitoșeriu, <i>Preparation, characterization of $Mg_xNi_{1-x}Fe_2O_4$ ferrites and testing as humidity sensors</i> , Joint Conference COST MPO904 Action „Single-and multiphase ferroics and multiferroics with restricted geometries” & IEEE-ROMSC 2012, 24 - 26 septembrie, Iași, România (<i>poster</i>).	10
21) <u>M. Airimioaei</u> , L. Mitoșeriu, P. Nanni, M.T. Buscaglia, V. Buscaglia, <i>Preparation and characterization of $SrTiO_3$ nanopowders</i> , COST MP0904 Action „Single-and multiphase ferroics and multiferroics with restricted geometries” & IEEE-ROMSC 2012, 24 - 26 septembrie 2012, Iași, România (<i>poster</i>).	10
22) Z. V. Mocanu, <u>M. Airimioaei</u> , C. E. Ciomaga, F. Tudorache, L. P. Curecheriu, L. Mitoșeriu, <i>Investigation of electrical properties of $Mg_xNi_{1-x}Fe_2O_4$ spinel ceramics and applications</i> , ICPAM -9 (9th International Conference on Physics and Advanced Materials), 20 - 23 septembrie 2012, Iași, România (<i>poster</i>).	10
23) C. E. Ciomaga, <u>M. Airimioaei</u> , C. Galassi, A. R. Iordan, M. N. Palamaru, L. Mitoșeriu, <i>Electrical conduction</i> ,	10



	<p><i>magnetic and magnetoelectric properties in $x\text{NiFe}_2\text{O}_4+(1-x)\text{PZTNb}$ composite systems</i>, 21st International Symposium on Applications of Ferroelectrics, 11th European Conference on Applications of Polar Dielectrics, 4th Conference Piezoresponse Force Microscopy and Nanoscale Phenomena in Polar Materials (ISAF ECAPD PFM), 9 - 13 iulie 2012, Aveiro, Portugalia (<i>prezentare orală</i>).</p>	
	<p>24) Z. V. Mocanu, <u>M. Airimioaei</u>, AR. Iordan, M N. Palamaru, L. P. Curecheriu, L. Mitoșeriu, <i>Impedance spectroscopy and magnetic investigation of $\text{Mg}_x\text{Ni}_{1-x}\text{Fe}_2\text{O}_4$ spinel ceramics</i>, ISAF-ECAPD-PFM 2012-21st International Symposium on Applications of Ferroelectrics, 11th European Conference on Applications of Polar Dielectrics, 4th Conference Piezoresponse Force Microscopy and Nanoscale Phenomena in Polar Materials, (ISAF ECAPD PFM), 9 - 13 iulie 2012, Aveiro, Portugalia (<i>poster.</i>)</p>	10
	<p>25) C. E. Ciomaga, <u>M. Airimioaei</u>, I. Dumitru, C. Galassi, L. Mitoșeriu, <i>Studies on Impedance Spectroscopy and magnetic properties of ferrite-ferroelectric ceramic composites</i>, COST Action: MP0904 Training School Title: First COST MP0904 Training School "Nanostructured oxides: from laboratory research to industrial applications", 11 – 14 martie 2012, IENI-CNR Genova, Italia (<i>poster</i>).</p>	10
	<p>26) E. Ciomaga, <u>M. Airimioaei</u>, V. Nica, L.M. Hrib, O.F. Caltun, A. R. Iordan, C. Galassi, L. Mitoșeriu, M. N. Palamaru, <i>Preparation and magnetoelectric properties of NiFe_2O_4-PZT ceramic composites</i>, 5th International Workshop on Amorphous and Nanostructured Magnetic Materials – ANMM 2011, 5 - 7 septembrie 2011, Iași, România (<i>prezentare orală</i>).</p>	10
	<p>27) C. E Ciomaga, C. Galassi, L Mitoșeriu, <u>M. Airimioaei</u>, A.R. Iordan, M.N. Palamaru, <i>Comparative study of the functional properties of pure and Nb-doped PZT -NiFe_2O_4 magnetoelectric ceramics</i>, Advances in Applied Physics and Materials Science Congress, 12 - 15 mai 2011, Istanbul Kultur University, Antalya, Turcia (<i>prezentare orală</i>).</p>	10
	<p>28) Z.V. Mocanu, <u>M. Airimioaei</u>, A.R. Iordan, M.N. Palamaru, L.P. Curecheriu, V. Nica, P. Postolache, L. Mitoseriu, <i>Functional properties of $\text{Mg}_x\text{Ni}_{1-x}\text{Fe}_2\text{O}_4$ ferrite</i>, 2nd ERS Meeting of the COST MP0904 Action, 16 - 18 noiembrie 2011, Novi Sad, Serbia (<i>poster</i>).</p>	10



29) <u>M. Airimioaei</u> , A.R. Iordan, M.N. Palamaru, L.P. Curecheriu, V. Nica, P. Postolache, L. Mitoseriu, <i>Structural investigation and functional properties of $Mg_xNi_{1-x}Fe_2O_4$ ferrite</i> , 5th International Workshop on Amorphous and Nanostructured Magnetic Materials, 5 - 7 septembrie 2011, Iași, România (poster).	10
30) A.M. Dumitrescu, <u>M. Airimioaei</u> , P. M. Samoilă, M. Vasile, A. R. Iordan, M. N. Palamaru, <i>Study of catalytic effect of oxidic compounds of $NiFe_2O_4$ type in processes of chemical degradation</i> , The 10th International Conference on Colloids and Surfaces Chemistry, Universitatea "Dunărea de Jos" din Galați, 9 - 11 iunie 2011, Galați, România (poster).	10
31) C.E. Ciomaga, <u>M. Airimioaei</u> , A. R. Iordan, M. N. Palamaru, L. Mitoșeriu, L. Leontie, A.V. Sandu, <i>The synthesis and the multifunctional characterization of $Ni_{1-x}Mn_xFe_2O_4$ ferrites</i> , Syntheses and Methodologies in Inorganic Chemistry, SAMIC 2010, 28 noiembrie - 2 decembrie 2010, Bressanone, Italia (poster).	10
32) C.E. Ciomaga, A. R. Iordan, <u>M. Airimioaei</u> , C. Galassi, L. Mitoșeriu, M. N. Palamaru, <i>Dielectric and magnetic properties of $PZT-NiFe_2O_4$ composites obtained in-situ by gel-combution method</i> , Syntheses and Methodologies in Inorganic Chemistry, SAMIC 2010, 28 noiembrie - 2 decembrie 2010, Bressanone, Italia (poster).	10
33) <u>M. Airimioaei</u> , A. R. Iordan, M. N. Palamaru, L. Curecheriu, L. Mitoșeriu, <i>The preparation and characterization of the Ni-Cu ferrites</i> , 7th International Conference of Chemical Societies from South-East European Countries on "Chemistry – Beauty and Application", 15 - 17 septembrie 2010, București, România (poster).	10
34) C.E. Ciomaga, A.R. Iordan, <u>M. Airimioaei</u> , C. Galassi, A. Ianculescu, L. Mitoșeriu, M.N. Palamaru, <i>In-situ preparation and functional properties of $PZT-NiFe_2O_4$ magnetoelectric composites</i> , Electroceramics XII, 13 - 16 iunie 2010, Trondheim, Norvegia (poster).	10
35) <u>M. Airimioaei</u> , A. R. Iordan, M. N. Palamaru, C. Ciomaga, L. Mitoșeriu, L. Leontie, <i>The effect of the Mn substitution on the magnetic and electrical properties of Ni ferrite synthesized by a wet chemical method</i> , International	10



	Conference of Applied Sciences, Chemistry and Chemical Engineering, 8 - 11 aprilie 2010, Slănic Moldova, România (poster).	
	36) C.E. Ciomaga, I. Dumitru, L. Mitoșeriu, C. Galassi, <u>M. Airimioaei</u> , A.R. Iordan, M.N. Palamaru, <i>Comparative study of the functional properties of CoFe₂O₄/PZT multiferroic ceramic composites</i> , School and Workshop on the Electron Microscopy of Ceramic Materials, 8 - 13 octombrie 2009, Eskisehir, Turcia (poster).	10
	37) M. N. Palamaru, A. R. Iordan, <u>M. Airimioaei</u> , L. Leontie, C. Ciomaga, L. Mitoșeriu, A.V. Sandu, <i>Optimization of synthesis conditions for obtaining Mn_xNi_{1-x}Fe₂O₄ series ferrites: a study of electrical properties</i> , 4th International Conference on the Environmental Effects of Nanoparticles and Nanomaterials, 6 - 9 septembrie 2009, Viena, Austria (poster).	10
	38) <u>M. Airimioaei</u> , A.R. Iordan, M.N. Palamaru, C. Ciomaga, A. Sandu, L. Mitoșeriu, <i>Préparation et caractérisation des ferrites de Ni et Mn obtenues par réaction de combustion</i> , Premier colloque francophone sur les matériaux, les procédés et l'environnement, 2009, Bușteni, România (poster).	10
	b) naționale:	
	- raportor pe secțiuni:	5 puncte pentru fiecare activitate
	1) A. Maftai, C.E. Ciomaga, L.P. Curecheriu, M. Airimioei, N. Horchidan, P. Postolache, L. Mitoseriu, <i>Studies on structural, electrical and magnetic behavior of Co-Zn ferrite and BaZr_{0.15}Ti_{0.85}O₃ ferroelectric ceramic composites</i> , Sesiune de comunicări științifice studențești – FarPhys, 29 octombrie 2016, Iași. România (poster).	5
	2) V. Preutu, R. Stanculescu, <u>M. Airimioaei</u> , L. Mitoseriu, C. Ciomaga, S. Tascu, <i>Prepararea și investigarea proprietăților compozitelor bazate pe PCL și nanoparticule magnetice/feroelectrice</i> , Sesiunea de comunicări științifice	5



studentești FARPHYS, 25 octombrie 2014, Iași, România, (poster).	
3) C. E. Ciomaga, A. R. Iordan, <u>M. Airimioaei</u> , C. Galassi, L. Mitoșeriu, M. N. Palamaru, <i>Preparation and functional properties of PZT -NiFe₂O₄ magnetoelectric composites</i> , National Conference on Physics, 23 - 25 septembrie 2010, Iași, România (prezentare orală).	5
4) M. Airimioaei, C. Ciomaga, N. Apostolescu, L. Leontie, A.R. Iordan, L. Mitoșeriu, M.N. Palamaru, <i>Synthesis and functional properties of the Ni_{1-x}Mn_xFe₂O₄ ferrites</i> , IEEE Student Branch Scientific Meeting 2010, "Alexandru Ioan Cuza" University Iași, 20 decembrie 2010, Iași, România (poster).	5
5) <u>M. Airimioaei</u> , A. R. Iordan, M. N. Palamaru, L. Mitoșeriu, N. Horchidan, L. Leontie, <i>Studies on structural and electrical properties of Ni-Mg ferrite</i> , IEEE ROMSC, 7 - 8 iunie 2010, Iași, România (poster).	5
6) C. Rîșcanu, <u>M. Airimioaei</u> , A.R. Iordan, M.N. Palamaru, <i>Synthesis and study of nickel ferrite nanoparticles used for biomedical applications</i> , IEEE ROMSC, 7 - 8 iunie 2010, Iași, România (poster).	5
7) T. Slătineanu, <u>M. Airimioaei</u> , M. N. Palamaru, A. R. Iordan, L. Leontie, O. F. Călțun, <i>Synthesis optimization of ZnFe₂O₄ via combustion method as a function of combustion-complexing agent</i> , IEEE ROMSC, 6 - 9 iunie 2009, Iași, România (poster).	5
8) <u>M. Airimioaei</u> , T. Slătineanu, M. N. Palamaru, A. R. Iordan, L. Leontie, C. Ciomaga, L. Mitoșeriu, A.V. Sandu, <i>Study of the influence of the agents of complexing and combustion on properties of NiFe₂O₄ and MnFe₂O₄ ferrites</i> , IEEE ROMSC, 6 - 9 iunie 2009, Iași, România (poster).	5
9) A.R. Iordan, <u>M. Airimioaei</u> , F. Prihor, C. Galassi, A.V. Sandu, C.E. Ciomaga, A. Ianculescu, L. Mitoșeriu, M.N. Palamaru, <i>Preparation of CoFe₂O₄ on PZT-based templates for obtaining in-situ multiferroic composites</i> , International Conference on Fundamental and Applied Research in Physics FARPhys, 2008, Iași, România (poster).	5



II. ACTIVITATE A DIDACTICĂ (30%)	1. Tratatate și manuale universitare	
	2. Proiecte didactice (înființare/dotare laboratoare licență, master, săli workshop, biblioteci proprii facultăților, departamentelor, laboratoarelor și grupurilor de cercetare)	
	3. Materiale suport curs, seminar, lucrări practice și programe analitice detaliate 1) Întocmirea de materiale suport pentru seminarul de "Bazele chimiei anorganice" realizat cu studenții Facultății de Chimie în timpul studiilor doctorale.	10 puncte pentru fiecare activitate 10
	4. Organizare de aplicații și practică de specialitate	