ANEXA 1

FIŞA DE EVALUARE GENERALĂ A STANDARDELOR UNIVERSITĂȚII

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE
I. ACTIVITATEA STIINTIFICĂ (70 %)	1. Articole ştiinţifice publicate *in extenso* în reviste cotate Web of Science cu factor de impact	422.32
	4. Articole ştiinţifice publicate *in extenso* în volumele conferinţelor	0.83
	9. Contracte de cercetare ştiinţifică în instituţii academice (universităţi, institute ale Academiei Române, institute naţionale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice)	170.46
	12. Citări şi recenzii ale lucrărilor ştiinţifice	1581.24
	13. Lucrări susţinute în calitate de invitat la manifestări ştiinţifice (conferințe, congrese, simpozioane, seminarii si ateliere de lucru)	25
	14. Profesor/cercetător invitat la universităţi/institute de cercetare	25
	18. Alte premii naționale ale instituțiilor culturale	29.51
	19. Participări la manifestări stiințifice	489
		P_I =2743.36
II. ATIVITATEA DIDACTICA (30 %)	3. Materiale suport curs, seminar, lucrări practice şi programe analitice detaliate	10
		P_{II} = 10
TOTAL PUNCTAJ: (0.7 x P_I) + (0.3 x P_{II})		**1923.35**

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE
I. ACTIVITATEA STIINTIFICĂ	**1. Articole științifice publicate *in extenso* în reviste cotate *Web of Science* cu factor de impact:**	*(60 puncte x factor de impact+25)/nr. autori)*
	1) C. E.Ciomaga, M. Airimioaei, I. Turcan, A. V. Lukacs, S. Tascu, M. Grigoras, N. Lupu, J. Banys, L. Mitoseriu, *Functional properties of percolative $CoFe_2O_4$-$PbTiO_3$ composite ceramics*, J. Alloys Compd., vol. 775, pp. 90-99, 2019. (IF=3.779)	(60x3.779+25)/9=**27.97**
	2) F. Gheorghiu, C. E. Ciomaga, M. Simenas, M. Airimioaei, S. Qiao, S. Tascu, V. Kalendra, J. Banys, O. G.Avadanei, L. Mitoseriu, *Preparation and functional characterization of magnetoelectric $Ba(Ti_{1-x}Fe_x)O_{3-x/2}$ ceramics. Application for a miniaturized resonator antenna*, Ceram. Int., vol. 44, pp. 20862-20870, 2018. (IF=3.057)	(60x3.057+25)/10=**20.84**
	3) I. Turcan, V. A. Lukacs, L. Curecheriu, L. Padurariu, C. E. Ciomaga, M. Airimioaei, G. Stoian, N. Lupu, L. Mitoseriu, *Microstructure and dielectric properties of Ag-$BaTiO_3$ composite ceramics*, J. Eur. Ceram. Soc., vol. 38, pp. 5420-5429, 2018 (IF=3.794)	(60x3.794+25)/9=**28.07**
	4) M. Airimioaei, M.T. Buscaglia, M.T. Tredici, U. Anselmi-Tamburini, C. E. Ciomaga, L.P. Curecheriu, A. Bencan, V. Buscaglia, L. Mitoseriu, *$SrTiO_3$-$BaTiO_3$ nanocomposites with temperature independent permittivity and linear tunability fabricated using field-assisted sintering from chemically synthesized powders*, J. Mater. Chem. C, vol. 5, pp. 9028-9036, 2017 (IF=5.976)	(60x5.976 +25)/9=**42.61**
	5) F. Gheorghiu, M. Simenas, C.E. Ciomaga, M. Airimioaei, V. Kalendra, J. Banys, M. Dobromir, S. Tascu, L. Mitoseriu, *Preparation and structural characterization of Fe-doped $BaTiO_3$ diluted magnetic ceramics*, Ceram. Int., vol. 43, pp. 9998-10005, 2017 (IF=3.057)	(60x3.057+25)/9=**23.15**
	6) F. Gheorghiu, L. Padurariu, M. Airimioaei, L. Curecheriu, C. Ciomaga, C. Padurariu, C. Galassi and L. Mitoseriu, *Porosity-dependent properties of Nb-doped $Pb(Zr,Ti)O_3$ ceramics*, J. Am. Ceram. Soc. , vol. 100, pp. 647-658, 2017 (IF=2.956)	(60x2.956+25)/8=**25.29**

	7) M. Airimioaei, R. Stanculescu, V. Preutu, C. Ciomaga, N. Horchidan, S. Tascu, D. Lutic A. Pui, L. Mitoseriu, *Effect of particle size and volume fraction of $BaTiO_3$ powders on the functional properties of $BaTiO_3$/poly(epsilon-caprolactone) composites*, Mater. Chem. Phys., vol. 182, pp. 246-255, 2016 (IF=2.084)	(60x2.084+25)/9=**16.67**
	8) C. E. Ciomaga, O. G. Avadanei, I. Dumitru, M. Airimioaei, S. Tascu, F. Tufescu, and L. Mitoseriu, *Engineering magnetoelectric composites towards application as tunable microwave filters*, J. Phys. D: Appl. *Phys.*, vol. 49, pp. 125002(1)- 125002(2), 2016 (IF=2.588)	(60x2.588 +25)/7=**25.75**
	9) A. Neagu, L. Curecheriu, M. Airimioaei, A. Cazacu. A. Cernescu, L. Mitoseriu, *Impedance spectroscopy characterization of relaxation mechanisms in gold-chitosan nanocomposites*, Composites Part B, vol. 71, pp. 210-217, 2015 (IF=3.850)	(60x3.850+25)/6=**42.66**
	10) Z.V. Mocanu, M. Airimioaei, C.E. Ciomaga, L. Curecheriu, F. Tudorache, S. Tascu, A.R. Iordan, N.M. Palamaru, L. Mitoseriu, *Investigation of the functional properties of $Mg_xNi_{1-x}Fe_2O_4$ ceramics*, J. Mater. Sci., vol. 49, pp. 3276-3286, 2014 (IF=2.371)	(60x2.371+25)/9=**18.58**
	11) M. Airimioaei, M.N. Palamaru, A.R. Iordan, P. Berthet, C. Decorse, L.P. Curecheriu, L. Mitoseriu, *Structural investigations and functional properties of $Mg_xNi_{1-x}Fe_2O_4$ ferrites*, J. Am. Ceram. Soc., vol. 97, pp. 519-526, 2014 (IF=2.610)	(60x2.610+25)/7=**25.94**
	12) C.E. Ciomaga, A.M. Neagu, M.V. Pop, M. Airimioaei, S.Tascu, G. Schileo, C. Galassi, L. Mitoseriu, *Feroelectric and dielectric properties of ferrite-ferroelectric ceramic composites*, J. Appl. Phys., vol 113, pp. 0741031-0741037, 2013 (IF=2.185)	(60x2.185 +25)/8=**19.51**
	13) C.E. Ciomaga, M. Airimioaei, V. Nica, L.M. Hrib, O.F. Caltun, A. R. Iordan, C. Galassi, L. Mitoseriu, M.N. Palamaru, *Preparation and magnetoelectric properties of $NiFe_2O_4$–PZT composites obtained in-situ by gel-combustion method*, J. Eur. Ceram. Soc., vol 32, pp. 3325-3337, 2012 (IF=2.360)	(60x2.360+25)/9=**18.51**
	14) M. Airimioaei, C.E. Ciomaga, N. Apostolescu, L. Leontie A.R. Iordan, L. Mitoseriu, M.N. Palamaru,	(60x2.289 +25)/7=**23.19**

	Synthesis and functional properties of the $Ni_{1-x}Mn_xFe_2O_4$ ferrites, J. Alloys Compd, vol. 509, pp. 8065-8072, 2011 (IF=2.289)	
	15) C.E. Ciomaga, I. Dumitru, L. Mitoseriu, C. Galassi, A.R. Iordan, M. Airimioaei, M.N. Palamaru, *Magnetoelectric ceramic composites with double-resonant permittivity and permeability in GHz range: A route towards isotropic metamaterials*, Scr. Mater., vol.62, pp. 610-612, 2010 (IF=2.820)	(60x2.820 +25)/7=**27.74**
	16) A.R. Iordan, M. Airimioaiei, M.N. Palamaru, C. Galassi, A.V. Sandu, C.E. Ciomaga, F. Prihor, L. Mitoseriu, A. Ianculescu, *In situ preparation of $CoFe_2O_4$–$Pb(ZrTi)O_3$ multiferroic composites by gel-combustion technique*, J. Eur. Ceram. Soc., vol.29, pp. 2807-2813, 2009 (IF=2.090)	(60x2.090+25)/9=**16.71**
	17) C.E. Ciomaga, C. Galassi, F. Prihor, I. Dumitru, L. Mitoşeriu, A.R. Iordan, M. Airimioaei, M.N. Palamaru, *Preparation and properties of the $CoFe_2O_4$–Nb–$Pb(Zr,Ti)O_3$ multiferroic composites prepared in situ by gel-combustion method*, J. Alloys Compd., vol, 485, pp. 372-378, 2009 (IF=2.135)	(60x2.135 +25)/8=**19.13**
	2. Articole ştiinţifice publicate *in extenso* în reviste cotate *Web of Science* fără factor de impact	
	3. Articole ştiinţifice publicate in extenso în reviste indexate BDI	
	4. Articole ştiinţifice publicate *in extenso* în volumele conferinţelor: 1) M. Airimioaei, A.R. Iordan, M.N. Palamaru, C. Ciomaga, A. Sandu, L. Mitoşeriu, *Préparation et caractérisation des ferrites de Ni et Mn obtenues par réaction de combustion*, Premier colloque francophone sur les matériaux, les procèdes 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=**0.83**
	5. Cărţi ştiinţifice publicate (doar prima ediţie)	
	6. Cărţi ştiinţifice traduse şi publicate în edituri din străinătate	
	7. Coordonarea şi editarea de volume, traduceri şi antologii	
	8. Articole publicate în dicţionare şi enciclopedii	
	9. Contracte de cercetare ştiinţifică în instituţii academice (universităţi, institute ale Academiei	contracte naţionale – membru: 50 puncte

	Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice):	pentru fiecare 500.000 lei / numărul membrilor echipei de cercetare
	1) Proiect nr. 501, cod SMIS-CSNR, cu titlul *Centru de Cercetare în Domeniul Materialelor și Tehnologiilor Avansate – RAMTECH*, 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	[(9 112 928 x 50) / 500 000] / 9 = **101.25**
	2) PN-II-ID-PCE-2011-3-0745 cu titlul *Design de material, preparare, proprietăți și modelare de structuri multifuncționale oxidice pentru microelectronică și noi aplicații în stocare de energie (MULTIFOX)*, 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	[(1 500 000 x 50) / 500 000] / 7 = **21.42**
	3) PN-II-PT-PCCA-2013-4-1119 *cu titlul Compozite magnetoelectrice cu proprietăți emergente pentru aplicații în comunicații fără fir și senzori (MECOMAP),* director de proiect prof. univ. dr. Liliana Mitoșeriu, contract de finanțare nr. 263/2014, valoarea de 750 000 RON (din care UAIC 431.250 RON), perioada de derulare 2014-2017, 12 membri	[(431 250 x 50) / 500 000] / 12 = **3.59**
	4) PNII-RU-TE-2014-4-1494 cu titlul *Exploatarea porozității în materiale feroelectrice prin controlul câmpului local pentru îmbunatățirea proprietăților funcționale (EXPOFER)*, director de proiect dr. Leontin Padurariu, contract de finanțare nr. 257/2015, valoarea de 550 000 RON, perioada de derulare 2015-2017, 7 membri	[(550 000 x 50) / 500 000] / 7 = **7.85**
	5) PN-III-P4-ID-PCE-2016-0817 cu titlul *Cercetări fundamentale ale fenomenelor dependente de scală în feroelectrici pe bază de titanat de bariu: granulația critică și efectul nanostructurării*, 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	[(775 700 x 50) / 500 000] / 8 = **9.69**
	6) PN-III-P4-ID-PCCF-2016-0175 cu titlul *Nanostructuri particulate de tip multistrat cu constantă dielectrică ridicată cu aplicații pentru stocarea energiei și dispozitive nanoelectronice (HIGHkDEVICE)*, responsabil de proiect prof. univ. dr. Liliana Mitoșeriu,,	[(2 400 000 x 50) / 500 000] / 9= **26.66**

	contract de finanțare nr.18 / 2018, valoare Partener UAIC 2.400.000 lei, perioada de derulare 2018-2022	
	10. Contracte de cercetare în mediul de afaceri şi sectorul public	
	11. Brevete	
	12. Citări şi recenzii ale lucrărilor ştiinţifice:	reviste de specialitate din străinătate: (10 + 20 x factor de impact) / număr autori, pentru fiecare citare
	1) C.E. Ciomaga, C. Galassi, F. Prihor, I. Dumitru, L. Mitoşeriu, A.R. Iordan, M. Airimioaei, M.N. Palamaru, *Preparation and properties of the $CoFe_2O_4$–Nb–Pb(Zr,Ti)O_3 multiferroic composites prepared in situ by gel-combustion method*, J. Alloys Compd., vol, 485, pp. 372-378, 2009 (IF=2.135) **17 CITĂRI:**	
	1) S. Raja, M. Vadivel, R.R. Babu, L.S. Kumar, K. Ramamurthi, *Ferromagnetic and dielectric properties of lead free $KNbO_3$-$CoFe_2O_4$ composites*, Solid State Sciences, vol. 85, pp. 60-69, 2018 (IF=1.861)	(10+20 x 1.861) / 8 = **5.90**
	2) O.G. Shovon, M.D. Rahaman, S. Tahsin, A.K.M. Hossain, *Synthesis and characterization of (100-x) $Ba_{0.82}Sr_{0.03}Ca_{0.15}Zr_{0.10}Ti_{0.90}O_3$+(x) $Mg_{0.25}Cu_{0.25}Zn_{0.5}Mn_{0.05}Fe_{1.95}O_4$ composites with improved magnetoelectric voltage coefficient*, J. Alloys Compd, vol. 735, pp. 291-311, 2018 (IF=3.779)	(10+20 x 3.779) / 8 = **10.69**
	3) F.E. Carvalho, L.V. Lemos, A.C.C. Migliano, J.P.B. Machado, R.C. Pullar, *Structural and complex electromagnetic properties of cobalt ferrite ($CoFe_2O_4$) with an addition of niobium pentoxide*, Ceram. Int., vol.44, pp. 915-921, 2018 (IF=3.057)	(10 + 20 x 3.057) / 8 = **8.89**
	4) A. Sakanas, D. Nuzhnyy, R. Grigalaitis, J. Banys, F. Borodavka, S. Kamba, C.E. Ciomaga, L. Mitoseriu, *Dielectric and phonon spectroscopy of Nb-doped $Pb(Zr_{1-y}Ti_y)O_3$-$CoFe_2O_4$ composites*, J. Appl. Phys, vol. 121, pp.214101, 2017 (IF=2.176)	(10 + 20 x 2.176) / 8 = **6.69**
	5) P. Galizia, C.E. Ciomaga, L. Mitoseriu, C. Galassi, *PZT-cobalt ferrite particulate composites: Densification and lead loss controlled by quite-fast sintering*, J. Eur. Ceram. Soc., vol. 37, pp.161-168, 2017 (IF=3.794)	(10 + 20 x 3.794) / 8 = **10.73**

	6) P. Galizia, C. Baldisserri, C. Capiani, C. Galassi, *Multiple parallel twinning overgrowth in nanostructured dense cobalt ferrite*, Materials & Design, vol. 109, pp.19-26, 2016 (IF=4.364)	(10 + 20 x 4.364) / 8 = **12.16**
	7) R. Grigalaitis, M.M.V. Petrovic, D. Baltrunas, K. Mazeika, B.D. Stojanovic, J. Banys, *Broadband dielectric and Mossbauer studies of $BaTiO_3$-$NiFe_2O_4$ composite multiferroics*, J. Mater. Sci. Mater. Electron., vol. 26, pp. 9727-9734, 2015 (IF=1.798)	(10 + 20 x 1.798) / 8 = **5.74**
	8) S.B. Balmus, C.E. Ciomaga, N. Horchidan, L. Mitoseriu, I. Dumitru, *Improvement of impedance spectroscopy methods: resonance analysis of samples*, Meas. Sci. Technol., vol.26, 2015 (IF=1.492)	(10 + 20 x 1.492) / 8 = **4.98**
	9) L.P. Curecheriu, M.T. Buscaglia, F. Maglia, U. Anselmi-Tamburini, V. Buscaglia, L. Mitoseriu, *Design tunable materials: Ferroelectric-antiferroelectric composite with core-shell structure*, Appl. Phys. Lett., vol.105, 2014 (IF=3.302)	(10 + 20 x 3.302) / 8 = **9.50**
	10) B. Raneesh, H. Soumya, J. Philip, S. Thomas, K. Nandakumar, *Magnetoelectric properties of multiferroic composites $(1-x)ErMnO_3$-$xY_3Fe_5O_{12}$ at room temperature*, J. Alloys Compd., vol. 661, pp. 381-385, 2014 (IF=2.999)	(10 + 20 x 2.999) / 8 = **8.74**
	11) J. Rani, K.L. Yadav, S. Prakash, *Enhanced magnetodielectric effect and optical property of lead-free multiferroic $(1-x)(Bi_{0.5}Na_{0.5})TiO_3/xCoFe_2O_4$ composites*, Mater. Chem. Phys., vol. 147, pp. 1183-1190, 2014 (IF=2.259)	(10 + 20 x 2.259) / 8 = **6.89**
	12) Y. Dang-Hyok, K. Raju, M. Bong-Ki, P.V. Reddy, *Synthesis and characterization of microwave sintered ferromagnetic-ferroelectric perovskite composites*, Ceram. Int.,vol. 40, pp. 13497-13505, 2014 (IF=2.605)	(10 + 20 x 2.605) / 8 = **7.76**
	13) U. Aceveto, T. Gaudisson, R. Ortega-Zempoalteca, S. Nowak, S. Ammar, R. Valenzuela, *Magnetic properties of ferrite-titanate nanostructured composites synthesized by the polyol method and consolidated by spark plasma sintering*, J. Appl. Phys., vol. 113, 2013 (IF=2.185)	(10 + 20 x 2.185) / 8 = **6.71**
	14) Z.H. Ren, Z. Xiao, S.M. Yin, J.Q. Mai, Z.Y. Liu, G. Xu, X. Li, G. Shen, G.R. Han, *Preparation and*	

	characterization of single-crystal multiferroic nanofiber composites, J. Alloys Compd., vol. 552, pp. 518-523, 2013 (IF=2.726)	(10 + 20 x 2.726) / 8 = **8.06**
	15) L.V. Leonel, J.B. Silva, A.S. Albuquerque, J.D. Ardisson, W.A.A Macedo, N.D.S Mohallem, *Structural and Mossbauer investigation on barium titanate-cobalt ferrite composites*, J. Phys. Chem. Solids, vol. 73, pp. 1362-1371, 2012 (IF=1.527)	(10 + 20 x 1.527) / 8 = **5.06**
	16) S.M. Baber, Q.L. Lin, G.F. Zou, N. Haberkorn, S.A. Baily, H.Y. Wang, Z.X. Bi, H. Yang, S.G. Deng, M.E. Hawley, L. Civale, E. Bauer, T.M. McCleskey, A.K. Burrel, Q.X. Jia, H.M. Luo, *Magnetic properties of self-assembled epitaxial nanocomposite $CoFe_2O_4$:$SrTiO_3$ and $CoFe_2O_4$:MgO films*, J. Phys. Chem. C, vol. 115, pp. 25338-25342, 2011 (IF=4.805)	(10 + 20 x 4.805) / 8 = **13.26**
	17) L. Zhu, Y.L. Dong, X.H. Zhang, Y.Y. Yao, W.J. Weng, G.R. Han, N.Ma, P.Y. Du, *Microstructure and properties of sol-gel derived $PbTiO_3$/$NiFe_2O_4$ multiferroic composite thin film with the two nano-crystalline phases dispersed homogeneously*, J. Alloys Compd., vol. 503, pp. 426-430, 2010 (IF=2.138)	(10 + 20 x 2.138) / 8 = **6.59**
	2) A.R. Iordan, M. Airimioaei, M.N. Palamaru, C. Galassi, A.V. Sandu, C.E. Ciomaga, F. Prihor, L. Mitoseriu, A. Ianculescu, *In situ preparation of $CoFe_2O_4$–$Pb(ZrTi)O_3$ multiferroic composites by gel-combustion technique*, J. Eur. Ceram. Soc., vol.29, pp. 2807-2813, 2009 (IF=2.090) **23 CITĂRI:**	
	1) J.D. Bobić, M. Ivanov, N.I. Ilić, A.S. Dzunuzović, M.M. Vijatović Petrovića, J. Banys, A. Ribic, Z. Despotovic, B.D. Stojanovic, *PZT-nickel ferrite and PZT-cobalt ferrite comparative study: Structural, dielectric, ferroelectric and magnetic properties of composite ceramics*, Ceram. Int., vol. 44, pp. 6551-6557, 2018 (IF=3.057)	(10 + 20 x 3.057) / 9 = **7.90**
	2) L. K. Pradhan, R. Pandey, R. Kumar, M. Kara, *Lattice strain induced multiferroicity in PZT-CFO particulate composite*, J. Appl. Phys., vol. 123, 074101-1-11, 2018 (IF=2.176)	(10 + 20 x 2.176) / 9 = **5.94**
	3) M. Breitenbach, SG. Ebbinghaus, *Phase-pure eutectic $CoFe_2O_4$-$Ba_{1-x}Sr_xTiO_3$ composites prepared by floating*	(10 + 20 x 1.742) / 9 = **4.98**

	zone melting, J. Cryst. Growth., vol.483, pp. 81-88, 2018 (IF=1.742)	
	4) I.V. Lisnevskaya, K.V. Myagkaya, I.A. Bobrova, *Yttrium iron garnet - lead-barium titanate particulate multiferroic composites*, Ferroelectrics, vol. 531, pp.131-142, 2018 (IF=0.728)	(10 + 20 x 0.728) / 9 = **2.72**
	5) C.P. Fernandez, F.L. Zabotto, D. Garcia, R.H.G.A. Kiminami, *In situ sol-gel co-synthesis at as low hydrolysis rate and microwave sintering of PZT/Fe_2CoO_4 magnetoelectric composite ceramics*, Ceram. Int., vol. 43, pp. 5925-5933, 2017 (IF=3.057)	(10 + 20 x 3.057) / 9 = **7.90**
	6) L.P. Curecheriu, M.T. Buscaglia, F. Maglia, C. Padurariu, G. Ciobanu, U. Anselmi-Tamburini, V. Buscaglia, L. Mitoseriu, *Tailoring the functional properties of PLZT-$BaTiO_3$ composite ceramics by core-shell approach*, J. Appl. Phys., vol. 121, 2017 (IF=2.176)	(10 + 20 x 2.176) / 9 = **5.94**
	7) P. Galizia, C.E. Ciomaga, L. Mitoseriu, C. Galassi, *PZT-cobalt ferrite particulate composites: Densification and lead loss controlled by quite-fast sintering*, J. Eur. Ceram. Soc., vol. 37, pp.161-168, 2017 (IF=3.794)	(10 + 20 x 3.794) / 9 = **9.54**
	8) C.P. Fernandez, F.L. Zabotto, D. Garcia, R.H.G.A. Kiminami, *In situ sol gel co-synthesis under controlled pH and microwave sintering of PZT/$CoFe_2O_4$ magnetoelectric composite ceramics*, Ceram. Int., vol. 42, pp. 3239-3249, 2016 (IF=2.986)	(10 + 20 x 2.986) / 9 = **7.74**
	9) C.P. Fernandez, R.H.G.A Kiminami, D. Garcia, *Structural and dielectric properties of multiferroic (1-x)(0.675PMN-0.325PT)/(x)$CoFe_2O_4$ particulate composites obtained by microwave sintering*, Integr. Ferroelectr. vol. 174, pp. 146-154, 2016 (IF=0.457)	(10 + 20 x 0.457) / 9 = **2.12**
	10) P. Galizia, I.V. Ciuchi, D. Gardini, C. Baldisserri, C. Galassi, *Bilayer thick structures based on $CoFe_2O_4$/TiO_2 composite and niobium-doped PZT obtained by electrophoretic deposition*, J. Eur. Ceram. Soc., vol.36, pp. 373-380, 2016 (IF=3.454)	(10 + 20 x 3.454) / 9 = **8.78**
	11) R.A. Mondal, B.S. Murty, V.R.K. Murthy, *Dielectric, magnetic and enhanced magnetoelectric response in high energy ball milling assisted BST-NZF particulate composite*, Mater. Chem. Phys., vol.167, pp. 338-346, 2015 (IF=2.101)	(10 + 20 x 2.101) / 9 = **5.78**

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	13) N. Adhlakha, K.L. Yadav, R. Singh, *Effect of $BaTiO_3$ addition on structural, multiferroic and magneto-dielectric properties of $0.3CoFe_2O_4$-$0.7BiFeO_3$ ceramics*, Smart Mater. Struct., vol. 23, 2014 (IF=2.502)	(10 + 20 x 2.502) / 9 = **6.67**
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	31) G. Schileo, R*ecent developments in ceramic multiferroic composites based on core/shell and other heterostructures obtained by sol-gel routes*, Prog. Solid State Ch., vol. 41, pp. 87-98, 2013 (IF=8.182)	(10 + 20 x 8.182) /8 = **21.70**
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	of sol-gel synthesized and microwave heated $Pb_{0.8}Co_{0.2-z}La_zTiO_3$ *(z=0.05-0.2) nanoparticles*, Ceram Int., vol.44, pp. 19408-19420, 2018 (IF=3.057)	(10 + 20 x 3.057) /7 = **10.16**
	2) P. Chavan, L.R. Naik, *Effect of* Bi^{3+} *ions on the humidity sensitive properties of copper ferrite nanoparticles*, Sens. Actuator B-Chem., vol.272, pp.28-33, 2018 (IF=5.667)	(10 + 20 x 5.667) /7 = **17.62**
	3) T. Zeeshan, S. Anjum, S. Waseem, L. Mustufa, *Tailoring of structural and magnetic properties by substitution of copper in cobalt chromium ferrites*, Ceram Int., vol. 44, pp. 17709-17715, 2018 (IF=3.057)	(10 + 20 x 3.057) /7 = **10.16**
	4) N.S Kumar, R.P. Suvarna, K.C.B. Naidu, *Sol-gel synthesized and microwave heated* $Pb_{0.8-y}La_yCo_{0.2}TiO_3$ *(y=0.2-0.8) nanoparticles: Structural, morphological and dielectric properties*, Ceram Int.,vol. 44, pp. 18189-18199, 2018 (IF=3.057)	(10 + 20 x 3.057) /7 = **10.16**
	5) K.C.B. Naidu, M. Wuppulluri, *Ceramic nanoparticle synthesis at lower temperatures for LTCC and MMIC technologies*, IEEE Trans. Magn, vol. 54, 2018 (IF=1.467)	(10 + 20 x 1.467) /7 = **5.62**
	6) K. Ramarao, B.R. Babu, B.K. Babu, V. Veeraiah, S.D. Ramarao, K. Rajasekhar, A.V. Rao, *Influence of Zn Substitution on Structural, Magnetic and Electrical Properties of* $MgFe_2O_4$, J. Electron. Mater., vol.47, pp. 2997-3004, 2018 (IF=1.566)	(10 + 20 x 1.566) /7 = **5.90**
	7) K. Ramarao, B.R. Babu, B.K. Babu, V. Veeraiah, S.D. Ramarao, K. Rajasekhar, *Composition dependence of structural, magnetic and electrical properties of Co substituted magnesium ferrite*, Physica B: Condensed Matter, vol. 528, pp.18-23, 2018 (IF=1.453)	(10 + 20 x 1.453) /7 = **5.58**
	8) K.C.B. Naidu, W. Madhuri, *Microwave processed bulk and nano NiMg ferrites: A comparative study on X-band electromagnetic interference shielding properties*, Mater. Chem. Phys., vol.187, pp. 164-176, 2017 (IF=2.210)	(10 + 20 x 2.210) /7 = **7.74**
	9) C.B.N. Kadiyala, M. Wuooulluri, *Effect of microwave heat treatment on pure phase formation of hydrothermal synthesized nano NiMg ferrites*, Phase Transitions, vol.90, pp. 847-862, 2017 (IF=1.028)	(10 + 20 x 1.028) /7 = **4.36**

	10) N.M. Ferreira, M.C. Ferro, S.M. Mikhalev, F.M. Costa, J.R. Frade, A.V. Kovalevsky, *Guidelines to design multicomponent ferrospinels for high-temperature applications,* RSC Advances, vol.6, pp. 32540-32548, 2016 (IF=3.108)	(10 + 20 x 3.108) /7 = **10.30**
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	2) K.C.B. Naidu, M. Wuppulluri, *Ceramic nanoparticle synthesis at lower temperatures for LTCC and MMIC technologies,* IEEE Trans. Magn, vol. 54, 2018 (IF=1.467)	(10 + 20 x 1.467) /9 = **4.37**
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	4) A. Plyushch, J. Macutkevic, J. Banys, P. Kuzhir, N. Kalanda, A. Petrov, C. Silvestre, M.A. Uimin, A.Y. Yermakov, O. Shenderova, *Carbon-coated nickel nanoparticles: Effect on the magnetic and electric properties of composite materials,* Coatings, vol. 8, 2018 (IF=2.350)	(10 + 20 x 2.350) /9 = **6.33**
	5) V. Manikandan, S. Sikarwar, B.C. Yadav, R.S. Mane, *Fabrication of tin substituted nickel ferrite ($Sn\text{-}NiFe_2O_4$) thin film and its application as opto-electronic humidity sensor,* Sens. Actuator A-Phys., vol. 272, pp. 267-273, 2018 (IF=2.311)	(10 + 20 x 2.311) /9 = **6.24**
	6) D.S. Kumar, K.C.B. Naidu, M.M. Rafi, K.P. Nazeer, A.A. Begam, G.R. Kumar, *Structural and dielectric properties of superparamagnetic iron oxide nanoparticles (SPIONs) stabilized by sugar solutions,* Mater. Sci-Poland, vol. 36, pp. 123-133, 2018 (IF=0.854)	(10 + 20 x 0.854) /9 = **3.00**

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	11) K.C.B. Naidu, W. Madhuri, *Microwave processed bulk and nano NiMg ferrites: A comparative study on X-band electromagnetic interference shielding properties,* Mater. Chem. Phys., vol.187, pp. 164-176, 2017 (IF=2.210)	(10 + 20 x 2.210) /9= **6.02**
	12) C.B.N. Kadiyala, M. Wuppulluri, *Effect of microwave heat treatment on pure phase formation of hydrothermal synthesized nano NiMg ferrites*, Phase Transitions, vol.90, pp. 847-862, 2017 (IF=1.028)	(10 + 20 x 1.028) /9= **3.39**
	13) O. Condurache, I. Turcan, L. Curecheriu, C. Ciomaga, P. Postolache, G. Ciobanu, L. Mitoseriu, *Towards novel functional properties by interface reaction in mixtures of $BaTiO_3$-Fe_2O_3 composite ceramics*, Ceram Int., vol.43, pp. 1098-1105, 2017 (IF=3.057)	(10 + 20 x 3.057) /9= **7.90**
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	16) D.L. Sekulic, Z.Z. Lazarevic, C.D. Jovalekic, A.N. Milutinovic, N.Z. Romcevic, *Impedance spectroscopy of nanocrystalline $MgFe_2O_4$ and $MnFe_2O_4$ ferrite ceramics: Effect of grain boundaries on the electrical properties,* Sci. Sinter., vol. 48, pp. 17-28, 2016 (IF=0.736)	(10 + 20 x 0.736) /9= **2.74**
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	2) G. Kocakulah, G. Onsal, K. Goksen, I. Ercan, O. Koysal, *Concentration effect of Cadmium Selenide Sulphide/Zinc Sulphide quantum dots on electro-optic and dielectric properties in nematic liquid crystals composite,* Physica B-Condens Matter., vol. 550, pp.47-59, 2018 (IF=1.453)	(10 + 20 x 1.453) /6= **6.51**
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	J. Electrochem. Soc., vol.164, pp. B1-B9, 2017 (IF=3.662)	
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	4) X.Y. Wang, K. Bi, Y.A. Hao, M. Lei, *Thermally tunable dielectric resonator filter*, J. Alloys Compd., vol. 749, pp. 363-368, 2018 (IF=3.779)	(10 + 20 x 3.779) /7= **12.22**

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	11) M. Airimioaei, R. Stanculescu, V. Preutu, C. Ciomaga, N. Horchidan, S. Tascu, D. Lutic A. Pui, L. Mitoseriu, *Effect of particle size and volume fraction of $BaTiO_3$ powders on the functional properties of $BaTiO_3$/poly(epsilon-caprolactone) composites*, Mater. Chem. Phys., vol. 182, pp. 246-255, 2016 (IF=2.101) **1 CITARE:**	
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	1) Y. Zhang, J. Roscow, R. Lewis, H. Khanbareh, V. Y. Topolov, M.Y. Xie, C.R Bowen, *Understanding the effect of porosity on the polarisation-field response of ferroelectric materials*, Acta Mater, vol. 154, pp.100-112, 2018 (IF=6.036)	(10 + 20 x 6.036) /8= **16.34**
	2) J.I. Roscow, Y. Zhang, M.J. Krasny, R.W.C. Lewis, J. Taylor, C.R. Bowen, *Freeze cast porous barium*	(10 + 20 x 2.373) /8= **7.18**

	titanate for enhanced piezoelectric energy harvesting, J. Phys. D Appl. Phys., vol. 51, 2018 (IF=2.373) 3) H. Zhao, P.P Wu, L.F. Du, H.L. Du, *Effect of the nanopore on ferroelectric domain structures and switching properties*, Comp. Mater. Sci., vol. 148, pp. 216-223, 2018 (IF=2.530) 13) F. Gheorghiu, M. Simenas, C.E. Ciomaga, M. Airimioaei, V. Kalendra, J. Banys, M. Dobromir, S. Tascu, L. Mitoseriu, *Preparation and structural characterization of Fe-doped $BaTiO_3$ diluted magnetic ceramics*, Ceram. Int., vol. 43, pp. 9998-10005, 2017 (IF=3.057) **1 CITARE:** 1) D.Y. Lu, Y. Liang, *Valence states and dielectric properties of fine-grained $BaTiO_3$ ceramics co-doped with double valence-variable europium and chromium*, Ceram. Int., vol. 44, pp. 14717-14727, 2018 (IF=3.057) 14) M. Airimioaei, M.T. Buscaglia, M.T. Tredici, U. Anselmi-Tamburini, C. E. Ciomaga, L.P. Curecheriu, A. Bencan, V. Buscaglia, L. Mitoseriu, *$SrTiO_3$-$BaTiO_3$ nanocomposites with temperature independent permittivity and linear tunability fabricated using field-assisted sintering from chemically synthesized powders*, J. Mater. Chem. C, vol. 5, pp. 9028-9036, 2017 (IF=5.976) **3 CITĂRI:** 1) J. Mangeri, S.P. Alpay, S. Nakhmanson, O.G. Heinonen, *Electromechanical control of polarization vortex ordering in an interacting ferroelectric-dielectric composite dimer*, Appl. Phys. Let., vol. 113, pp. 092901-1-5, 2018 (IF=3.495) 2) K.C. Pitike, J. Mangeri, H. Whitelock, T. Patel, P. Dyer, S.P. Alpay, S. Nakhmanson, *Metastable vortex-like polarization textures in ferroelectric nanoparticles of different shapes and sizes*, J Appl Phys., vol. 124, pp. 064104-1-10, 2018 (IF=2.176) 3) I. Bakaimi, X.L. He, S. Guerin, N.Z.I Hashim, Q. Luo, I.M. Reaney, S. Gao, B.E. Hayden, de C.H.K Groot, *Combinatorial synthesis and screening of (Ba,Sr)(Ti,Mn)O-3 thin films for optimization of tunable*	(10 + 20 x 2.530) /8= **7.57** (10 + 20 x 3.057) /9= **7.90** (10 + 20 x 3.495) /9= **8.87** (10 + 20 x 2.176) /9= **5.94** (10 + 20 x 5.976) /9= **14.39**

	co-planar waveguides, J. Mater. Chem. C, pp. 6222-6228, 2018 (IF=5.976)	
	13. Lucrări susţinute în calitate de invitat la manifestări ştiinţifice (conferințe, congrese, simpozioane, seminarii și ateliere de lucru) 1) M. Airimioaei, *Impurity and defects in $BaTiO_3$*, Joint Workshop of the projects POLYCOM (Italy-Romania), PN-III-P4-ID-PCE-2016-0817 (FERROSCALE) Genoa, Italy, 22-27 November 2018	străinătate: 25 puncte pentru fiecare activitate **25**
	14.Profesor/cercetător invitat la universităţi/institute de cercetare 1) Cercetător invitat - Laboratorul de Fizica-Chimia Stării Solide, ICMMO al Universitatăţii Paris Sud 11, Franţa noiembrie 2010-aprilie 2011.	străinătate: 25 puncte pentru fiecare activitate **25**
	15. Editor/Membru în *Editorial Board*& *Advisory Board*	
	16. Premii internaţionale obţinute printr-un proces de selecţie	
	17. Premii ale Academiei Române	
	18. Alte premii naţionale ale instituţiilor culturale: 1) Premiul I: Conferința "Pentagonul facultăților de fizică 2017", Oradea, România, 24–28 iulie 2017 (V.A. Lukacs, M. Airimioaei, L. Mitoșeriu, *Efectul dimensiunii granulației asupra proprietăților funcționale ale ceramicilor de $BaTiO_3$*) 3) *2015 - Women's Annual Science and Technology Distinction for Young Researcher* decernat de către Universitatea "Al. I. Cuza" din Iasi, programul STAGES şi Centrul pentru Egalitate de Şanse în Ştiinţă; 4) 2010 - Premiul de Excelenţă din partea Centrului CARPATH pentru lucrarea *Magnetoelectric ceramic composites with double-resonant permittivity and permeability in GHz range: A route towards isotropic metamaterials*, C.E. Ciomaga, I Dumitru, L Mitoseriu, C Galassi, A.R. Iordan, M. Airimioaei,; M.N. Palamaru, publicata in Scripta Materilia, 68 (2010);	20 puncte/categorie/ numar persoane 20/3=**6.66** **20** 20/7=**2.85**
	19. a) Participări la manifestări ştiinţifice **a) internaționale:**	

	- membru comitet organizare/consiliu ştiinţific al unor conferinte internaționale:	15 puncte pentru fiecare activitate
	1) Membru în comitetul de organizare local al *COST MP0904 Action showcase* şi *International Conference Electroceramics XIV,* București, România, 16-20 iunie 2014 (Institutul Naţional de Cercetare-Dezvoltare Pentru Fizica Materialelor, București și Universitatea Alexadru Ioan Cuza din Iași).	**15**
	- raportor pe secţiuni:	10 puncte pentru fiecare activitate
	1) C. E. Ciomaga, M. Airimioaei, L. P. Curecheriu, L. Padurariu, N. Lupu, and L. Mitoseriu, *Comparative study of peculiar microstructures and the functional properties of $BaTiO_3$– ferrite composites obtained by SPS method*, MP1308 COST TO-BE Spring Meeting 2018, 12-14th March 2018, Sant Feliu, Spain *(poster)*	**10**
	2) C. E. Ciomaga, M. Airimioaei, I. Turcan, A. V. Lukacs, L. Padurariu, S. Balčiūnas, J. Banys and L. Mitoseriu, *Complex functional characterization of percolative $CoFe_2O_4$-$PbTiO_3$ composite ceramics*, CIMTEC 2018 14th International Ceramics Congress, June 4-8, 2018, Perugia, Italy *(prezentare orală).*	**10**
	3) V. A. Lukacs, I. Turcan, M. Airimioaei, L. Curecheriu, L. Mitoseriu, *Grain size effect on dielectric properties of submicron ranged $BaTiO_3$ ceramics*, European Conference on Applications of Polar Dielectrics (ECAPD-2018), 25-28 June 2018, Moscova, Federația Rusă *(poster)*	**10**
	4) A. Lukacs, M. Airimioaei, L. Curecheriu, C. Ciomaga, L. Mitoseriu, *Grain size effect on dielectric properties of submicron ranged $BaTiO_3$ ceramics*, Electroceramics XVI, 9th-12th July 2018, Hasselt, Belgium *(poster)*	**10**
	5) M. Airimioaei, A. Lukacs, L. Mitoseriu, *Biotemplate-mediated synthesis of one-dimensional oxides*, Electroceramics XVI, 9th-12th July 2018, Hasselt, Belgium *(poster)*	**10**
	6) C. E. Ciomaga, M. Airimioaei, A. Guzu, O. Avadanei, N. Lupu, L Mitoseriu, *Study of functional properties of*	

	ferroelectric-magnetic ceramic composites obtained by different synthesis method, 16th European Inter-Regional Conference on Ceramics (CIEC16), 9-11 September 2018, Torino, Italy, *(poster)*	**10**
	7) M. Airimioaei, V.A. Lukacs, L. Mitoseriu, *Biotemplate-mediated synthesis of one-dimensional oxides*, 16th European Inter-Regional Conference on Ceramics (CIEC16), 9-11 September 2018, Torino, Italy, *(poster)*	**10**
	8) C. E. Ciomaga, O. G. Avadanei, I. Dumitru, M. Airimioaei, F. Tufescu, L. Mitoșeriu, *Effect of Fe doping on the ferroelectric - relaxor crossover in* $BaZr_xTi_{1-x}O_3$ *ceramic*s, ISAF/ECAPD/PFM Conference, 21 - 25 august 2016, Darmstadt, Germania *(poster).*	**10**
	9) M. Airimioaei, C.E. Ciomaga, L. Mitoșeriu, *Effect of magnostrictive* $CoFe_2O_4$ *phase on ferroelectric* $PbTiO_3$ *phase in magnetoelectric composites*, 13th European Meeting of Ferroelectricity, 28 iunie - 3 iulie 2015, Porto, Portugalia, (*prezentare orală*).	**10**
	10) M. Airimioaei, V. Preutu, L. Mitoșeriu, R. Stanculescu, C. Ciomaga, S. Tașcu, *Synthesis and characterization of composites based on Poly-ε-caprolactone and ferroelectric nanoparticles*, 13th European Meeting of Ferroelectricity, 28 iunie - 3 iulie 2015, Porto, Portugalia *(poster).*	**10**
	11) M. Airimioaei, M. T. Buscaglia, V. Buscaglia, L. Mitoșeriu, C. E. Ciomaga, L. P. Curecheriu, *Investigation of multifunctional composites prepared by using* $SrTiO_3@BaTiO_3$ *core-shell particles as reactive precursors*, The 8th International Conference on Advanced Materials - ROCAM, 7 - 10 iulie 2015, București, România (*prezentare orală*).	**10**
	12) M. Airimioaei, C.E. Ciomaga, L. Mitoșeriu, *Preparation and functional characterization of* $CoFe_2O_4$*-*$PbTiO_3$ *magnetoelectric composites*, 14th International Conference EUROPEAN CERAMIC SOCIETY, 21 - 25 iunie 2015, Toledo, Spania *(poster).*	**10**
	13) V. A. Lukacs, M. Airimioaei, C. E. Ciomaga, S. Tascu, L. Mitoșeriu, *Synthesis And Properties Of 1-D Nickel Oxide Structures Produced By Using Natural Fibers As Bio-Templates*, 10th International Symposium	**10**

	on Hysteresis Modeling and Micromagnetics, 18 - 20 mai 2015, Iași, România *(poster).*	
	14) C E. Ciomaga, M. Airimioaei, P. Postolache, L. Mitoșeriu, *Electric and magnetic properties of particulate ferrite-ferroelectric composites*, 10th International Symposium on Hysteresis Modeling and Micromagnetics, 18 - 20 mai 2015, Iași, România *(poster).*	**10**
	15) C. E. Ciomaga, M. Airimioaei, L. Padurariu, L. Mitoseriu, *Preparation and functional properties of ferroelectric-ferrite composites: Experiment and modeling*, 5th Management Committee Meeting (MCM5) and Meetings of Working of COST IC1208 Action, Bilkent University, 26 - 27 martie 2015, Ankara, Turcia *(prezentare orală).*	**10**
	16) V. Preutu, R. Stanculescu, M. Airimioaei, L. Mitoșeriu, *Investigation of composites based on Poly–ε–caprolactone and magnetic/ferroelectric nanoparticles*, 10th International Conference on Physics of Advanced Materials, Iași, România, 22 - 28 septembrie 2014 *(poster).*	**10**
	17) C.E. Ciomaga, M. Airimioaei, G. Stoian, M. Deluca, C. Galassi, L. Mitoșeriu, *Effect of reoxidation annealing on electrical properties in ceramic composites*, European Conference on Application of Polar Dielectrics, 7 - 11 iulie 2014, Vilnius, Lituania *(poster).*	**10**
	18) C. E. Ciomaga, M. Airimioaei, L. P. Curecheriu, M. T. Buscaglia, V. Buscaglia, L. Mitoșeriu, *Dielectric and non-linear properties of $SrTiO_3$@$BaTiO_3$ core-shell ceramic*, European Conference on Application of Polar Dielectrics 2014, 7 - 11 iulie 2014, Vilnius, Lituania *(prezentare orală).*	**10**
	19) C.E. Ciomaga, M. Airimioaei, R. Tanasă, C. Galassi, L. Mitoșeriu, *Study of magnetic and dielectric properties of $MnFe_2O_4$- ferroelectric*, Electroceramics XIV, 16 - 20 iunie 2014, București, România *(poster).*	**10**
	20) C.E. Ciomaga, I. Dumitru, M. Airimioaei, C. Galassi, S.B. Balmuș, L. Mitoșeriu, *Impedance spectroscopy analysis at high frequencies of ferroelectric-ferrite*, COST MP0904 Action Showcase, Electroceramics XIV, 16 - 20 iunie 2014, București, România *(poster).*	**10**

	21) C.E. Ciomaga, M. Airimioaei, G. Stoian, I. Lisiecki, M. Deluca, C. Galassi, L. Mitoșeriu, *Structural, microstructural and electrical properties of CNTs ceramic composites*, Electroceramics XIV, 16 - 20 iunie 2014, București, România *(prezentare orală)*.	**10**
	22) M. Airimioaei, M. T. Buscaglia., V. Buscaglia, C. E. Ciomaga, L. Mitoseriu, *Multifunctional composites produced from $SrTiO_3$@$BaTiO_3$ core-shell particles*, Closing COST MP0904 SIMUFER Conference, 30 ianuarie – 1 februarie 2014, Genova, Italia (*poster*).	**10**
	23) C. E. Ciomaga, M. Airimioaei, G. Schileo, C. Galassi, L. Mitoșeriu, *Structural, electrical, magnetic and magnetoelectric properties in composite materials*, Closing COST MP0904 SIMUFERConference, Genova, Italia, 30 ianuarie – 1 februarie 2014, Genova, Italia (*poster*).	**10**
	24) C.E. Ciomaga, M. Airimioaei, C. Galassi, L. Mitoșeriu, *Synthesis and functional characterization of $MnFe_2O_4$-PZTN magnetoelectric composites*, FEMS EUROMAT 8 - 13 septembrie 2013, Sevilia, Spania *(prezentare orală)*.	**10**
	25) M. Airimioaei, C. E. Ciomaga, C. Galassi, L. Mitoșeriu, *Studies on structural, electrical and magnetic properties of $xMnFe_2O_4$-(1-x)PZTN magnetoelectric composites*, COST SIMUFER Action MPO904 Workshop Advances in Ferrolectrics and Multiferroics, 2 - 3 septembrie 2013, Cracovia, Polonia, *(poster)*.	**10**
	26) C. E. Ciomaga, M.V. Pop, L. Padurariu, M. Airimioaei, C. Galassi, L. Mitoșeriu, *Effect of composition on functional properties of ferroelectric-ferrite composite systems*, Joint IEEE, UFFC, EFTF and PFM symposia 21 - 25 iulie 2013, Praga, Cehia (*poster)*.	**10**
	27) Z. V. Mocanu, M. Airimioaei, C. E. Ciomaga, F. Tudorache, L. P. Curecheriu, L. Mitoșeriu, *Preparation, characterization of $Mg_xNi_{1-x}Fe_2O_4$ ferrites and testing as humidity sensors*, Joint Conference COST MPO904 Action „Single-and multiphase ferroics and multiferroics with restricted geometries" & IEEE-ROMSC 2012, 24 - 26 septembrie, Iași, România *(poster)*.	**10**
	28) M. Airimioaei, L. Mitoşeriu, P. Nanni, M.T. Buscaglia, V. Buscaglia, *Preparation and*	

	characterization of $SrTiO_3$ nanopowders, COST MP0904 Action „Single-and multiphase ferroics and multiferroics with restricted geometries" & IEEE-ROMSC 2012, 24 - 26 septembrie 2012, Iași, România *(poster*).	**10**
	29) Z. V. Mocanu, M. Airimioaei, C. E. Ciomaga, F. Tudorache, L. P. Curecheriu, L. Mitoșeriu, *Investigation of electrical properties of $Mg_xNi_{1-x}Fe_2O_4$ spinel ceramics and applications*, ICPAM -9 (9th International Conference on Physics and Advanced Materials), 20 - 23 septembrie 2012, Iași, România *(poster)*.	**10**
	30) C. E. Ciomaga, M. Airimioaei, C. Galassi, A. R. Iordan, M. N. Palamaru, L. Mitoșeriu, *Electrical conduction, magnetic and magnetoelectric properties in $xNiFe_2O_4+(1-x)PZTNb$ composite systems*, 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 *(prezentare orală)*.	**10**
	31) Z. V. Mocanu, M. Airimioaei, AR. Iordan, M N. Palamaru, L. P. Curecheriu, L. Mitoşeriu, *Impedance spectroscopy and magnetic investigation of $Mg_xNi_{1-x}Fe_2O_4$ spinel ceramics*, 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 *(poster.)*	**10**
	32) C. E. Ciomaga, M. Airimioaei, I. Dumitru, C. Galassi, L. Mitoșeriu, *Studies on Impedance Spectroscopy and magnetic properties of ferrite-ferroelectric ceramic composites*, 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 *(poster)*.	**10**
	33) E. Ciomaga, M. Airimioaei, V. Nica, L.M. Hrib, O.F. Caltun, A. R. Iordan,C. Galassi, L. Mitoșeriu, M. N. Palamaru, *Preparation and magnetoelectric properties of $NiFe_2O_4$-PZT ceramic composites*, 5th International	**10**

	Workshop on Amorphous and Nanostructured Magnetic Materials – ANMM 2011, 5 - 7 septembrie 2011, Iași, România *(prezentare orală)*.	
	34) C. E Ciomaga, C. Galassi, L Mitoșeriu, M. Airimioaei, A.R. Iordan, M.N. Palamaru, *Comparative study of the functional properties of pure and Nb-doped PZT -$NiFe_2O_4$ magnetoeletric ceramics*, Advances in Applied Physics and Materials Science Congress, 12 - 15 mai 2011, Istanbul Kultur University, Antalya, Turcia *(prezentare orală)*.	**10**
	35) Z.V. Mocanu, M. Airimioaei, A.R. Iordan, M.N. Palamaru, L.P. Curecheriu, V. Nica, P. Postolache, L. Mitoseriu, *Functional properties of $Mg_xNi_{1-x}Fe_2O_4$ ferrite*, 2nd ERS Meeting of the COST MP0904 Action, 16 - 18 noiembrie 2011, Novi Sad, Serbia *(poster)*.	**10**
	36) M. Airimioaei, A.R. Iordan, M.N. Palamaru, L.P. Curecheriu, V. Nica, P. Postolache, L. Mitoseriu, *Structural investigation and functional properties of $MgxNi_{1-x}Fe_2O_4$ ferrite*, 5th International Workshop on Amorphous and Nanostructured Magnetic Materials, 5 - 7 septembrie 2011, Iaşi, România *(poster)*.	**10**
	37) A.M. Dumitrescu, M. Airimioaei, P. M. Samoilă, M. Vasile, A. R. Iordan, M. N. Palamaru, *Study of catalytic effect of oxidic compounds of $NiFe_2O_4$ type in processes of chemical degradation*, The 10th International Conference on Colloids and Surfaces Chemistry, Universitatea "Dunărea de Jos" din Galaţi, 9 - 11 iunie 2011, Galaţi, România *(poster)*.	**10**
	38) C.E. Ciomaga, M. Airimioaei, A. R. Iordan, M. N. Palamaru, L. Mitoşeriu, L. Leontie, A.V. Sandu, *The synthesis and the multifunctional characterization of $Ni_{1-x}Mn_xFe_2O_4$ ferrites*, Syntheses and Methodologies in Inorganic Chemistry, SAMIC 2010, 28 noiembrie - 2 decembrie 2010, Bressanone, Italia *(poster)*.	**10**
	39) C.E. Ciomaga, A. R. Iordan, M. Airimioaei, C. Galassi, L. Mitoșeriu, M. N. Palamaru, *Dielectric and magnetic properties of PZT-$NiFe_2O_4$ composites obtained in-situ by gel-combution method*, Syntheses and Methodologies in Inorganic Chemistry, SAMIC 2010, 28 noiembrie - 2 decembrie 2010, Bressanone, Italia *(poster)*.	**10**

	40) M. Airimioaei, A. R. Iordan, M. N. Palamaru, L. Curecheriu, L. Mitoşeriu, *The preparation and characterization of the Ni-Cu ferrites*, 7th International Conference of Chemical Societies from South-East European Countries on "Chemistry – Beauty and Application", 15 - 17 septembrie 2010, Bucureşti, România *(poster).*	**10**
	41) C.E. Ciomaga, A.R. Iordan, M. Airimioaei, C. Galassi, A. Ianculescu, L. Mitoșeriu, M.N. Palamaru, *In-situ preparation and functional properties of PZT-$NiFe_2O_4$ magnetoelectric composites*, Electroceramics XII, 13 - 16 iunie 2010, Trondheim, Norvegia *(poster).*	**10**
	42) M. Airimioaei, A. R. Iordan, M. N. Palamaru, C. Ciomaga, L. Mitoşeriu, L. Leontie, *The effect of the Mn substitution on the magnetic and electrical properties of Ni ferrite synthesized by a wet chemical method*, International Conference of Applied Sciences, Chemistry and Chemical Engineering, 8 - 11 aprilie 2010, Slănic Moldova, România *(poster).*	**10**
	43) C.E. Ciomaga, I. Dumitru, L. Mitoșeriu, C. Galassi, M. Airimioaei, A.R. Iordan, M.N. Palamaru, *Comparative study of the functional properties of $CoFe_2O_4$-PZT multiferroic ceramic composites*, School and Workshop on the Electron Microscopy of Ceramic Materials, 8 - 13 octombrie 2009, Eskisehir, Turcia *(poster).*	**10**
	44) M. N. Palamaru, A. R. Iordan, M. Airimioaei, L. Leontie, C. Ciomaga, L. Mitoşeriu, A.V. Sandu, *Optimization of synthesis conditions for obtaining $Mn_xNi_{1-x}Fe_2O_4$ series ferrites: a study of electrical properties* , 4th International Conferance on the Environmental Effects of Nanoparticles and Nanomaterials, 6 - 9 septembrie 2009, Viena, Austria *(poster).*	**10**
	45) M. Airimioaei, A.R. Iordan, M.N. Palamaru, C. Ciomaga, A. Sandu, L. Mitoşeriu, *Préparation et caractérisation des ferrites de Ni et Mn obtenues par réaction de combustion*, Premier colloque francophone sur les matériaux, les procèdes et l`environnement, 2009, Buşteni, România *(poster).*	**10**

	b) naţionale: **- raportor pe secţiuni:**	2 puncte pentru fiecare activitate
	1) V. A. Lukacs, M. Airimioaei, L. Curecheriu, I. Turcan, L. Mitoseriu, *„Grain size influence on dielectric properties of dense $BaTiO_3$ ceramics”*, A XLVII-a Conferinţa Naţională FIZICA ŞI TEHNOLOGIILE EDUCAŢIONALE MODERNE (FTEM), 19-20 mai 2018, Iaşi, România (prezentare orală).	**2**
	2) A. Guzu, C. E. Ciomaga, M. Airimioaei, F. Gheorghiu, L. Mitoseriu, *Comparative study of functional properties of $BaTiO_3$-based magnetoelectric composites*, A XLVII-a Conferinţa Naţională FIZICA ŞI TEHNOLOGIILE EDUCAŢIONALE MODERNE (FTEM), 19-20 mai 2018, Iaşi, România (poster).	**2**
	3) V.A. Lukacs, M. Airimioaei, L. Mitoșeriu, *Efectul dimensiunii granulației asupra proprietăților funcționale ale ceramicilor de $BaTiO_3$,* Conferința “Pentagonul facultăților de fizică 2017”, 24 – 28 iulie 2017, Oradea, România (prezentare orală).	**2**
	4) A. Maftei, C E. Ciomaga, L.P. Curecheriu, M. Airimioaei, N. Horchidan, P. Postolache, L. Mitoseriu, *Studies on structural, electrical and magnetic behavior of Co-Zn ferrite and $BaZr_{0.15}Ti_{0.85}O3$ ferroelectric ceramic composites*, Sesiune de comunicări științifice studențești – FarPhys, 29 octombrie 2016, Iași. România *(poster).*	**2**
	5) V. Preutu, R. Stanculescu, M. Airimioaei, L. Mitoseriu, C. Ciomaga, S. Tascu, *Prepararea și investigarea proprietăților compozitelor bazate pe PCL și nanoparticule magnetice/feroelectrice*, Sesiunea de comunicări științifice studențești FARPHYS, 25 octombrie 2014, Iași, România, *(poster).*	**2**
	6) C. E. Ciomaga, A. R. Iordan, M. Airimioaei, C. Galassi, L.Mitoșeriu, M. N. Palamaru, *Preparation and functional properties of PZT -$NiFe_2O_4$ magnetoelectric composites*, National Conference on Physics, 23 - 25 septembrie 2010, Iași, România *(prezentare orală)*.	**2**

	7) M. Airimioaei, C. Ciomaga, N. Apostolescu, L. Leontie, A.R. Iordan, L. Mitoșeriu, M.N. Palamaru, *Synthesis and functional properties of the $Ni_{1-x}Mn_xFe_2O_4$ ferrites*, IEEE Student Branch Scientific Meeting 2010, "Alexandru Ioan Cuza" University Iaşi, 20 decembrie 2010, Iași, România *(poster).*	**2**
	8) M. Airimioaei, A. R. Iordan, M. N. Palamaru, L. Mitoşeriu, N.Horchidan, L. Leontie, *Studies on structural and electrical properties of Ni-Mg ferrite*, IEEE ROMSC, 7 - 8 iunie 2010, Iaşi, România *(poster).*	**2**
	9) C. Rîşcanu, M. Airimioaei, A.R. Iordan, M.N. Palamaru, *Synthesis and study of nickel ferrite nanoparticles used for biomedical applications*, IEEE ROMSC, 7 - 8 iunie 2010, Iaşi, România *(poster).*	**2**
	10) T. Slătineanu, M. Airimioaei, M. N. Palamaru, A. R. Iordan, L. Leontie, O. F. Călţun, *Synthesis optimization of $ZnFe_2O_4$ via combustion method as a function of combustion-complexing agent*, IEEE ROMSC, 6 - 9 iunie 2009, Iaşi, România *(poster).*	**2**
	11) M. Airimioaei, T. Slătineanu, M. N. Palamaru, A. R. Iordan L. Leontie, C. Ciomaga, L. Mitoşeriu, A.V. Sandu, *Study of the influence of the agents of complexing and combustion on properties of $NiFe_2O_4$ and $MnFe_2O4$ ferrites*, IEEE ROMSC, 6 - 9 iunie 2009, Iaşi, România *(poster).*	**2**
	12) A.R. Iordan, M. Airimioaei, F. Prihor, C. Galassi, A.V. Sandu, C.E. Ciomaga, A. Ianculescu, L. Mitoșeriu, M.N. Palamaru, *Preparation of $CoFe_2O_4$ on PZT-based templates for obtaining in-situ multiferroic composites*, International Conference on Fundamental and Applied Research in Physics FARPhys, 2008, Iași, România *(poster).*	**2**
II. ACTIVITATEA DIDACTICĂ (30%)	**1. Tratate şi manuale universitare**	
	2. Proiecte didactice (înfiinţare/dotare laboratoare licenţă, master, săli workshop, biblioteci proprii facultăţilor, departamentelor, laboratoarelor şi grupurilor de cercetare)	
	3. Materiale suport curs, seminar, lucrări practice şi programe analitice detaliate	10 puncte pentru fiecare activitate

	1) Întocmirea de materiale suport pentru seminarul de "Bazele chimiei anorganice" realizat cu studenții Facultății de Chimie în timpul studiilor doctorale.	**10**
	4. Organizare de aplicaţii şi practică de specialitate	