



ANEXA 2

STANDARDE MINIMALE PE DOMENII ALE UNIVERSITĂȚII

FUCȚIA DIDACTICĂ	DOMENIUL DE CONCURS	REALIZAT
ASISTENT UNIVERSITAR	<p>- minim trei articole științifice publicate <i>in extenso</i> în reviste internaționale cu factor ISI cumulată minim 4</p> <p>1. C.E. Ciomaga, <u>M. Airimioaei</u>, I. Turcan, A. V. Lukacs, S. Tascu, M. Grigoras, N. Lupu, J. Banys, L. Mitoseriu, <i>Functional properties of percolative CoFe₂O₄-PbTiO₃ composite ceramics</i>, J. Alloys Compd., vol. 775, pp. 90-99, 2019. (IF=3.779)</p> <p>2. F. Gheorghiu, C. E. Ciomaga, M. Simenas, <u>M. Airimioaei</u>, S. Qiao, S. Tascu, V. Kalendra, J. Banys, O. G. Avadanei, L. Mitoseriu, <i>Preparation and functional characterization of magnetoelectric Ba(Ti_{1-x}Fe_x)O_{3-x/2} ceramics. Application for a miniaturized resonator antenna</i>, Ceram. Int., vol. 44, pp. 20862-20870, 2018. (IF=3.057)</p> <p>3. I. Turcan, V. A. Lukacs, L. Curecheriu, L. Padurariu, C. E. Ciomaga, <u>M. Airimioaei</u>, G. Stoian, N. Lupu, L. Mitoseriu, <i>Microstructure and dielectric properties of Ag-BaTiO₃ composite ceramics</i>, J. Eur. Ceram. Soc., vol. 38, pp. 5420-5429, 2018 (IF=3.794)</p> <p>4. <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=5.976)</p> <p>5. 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=3.057)</p>	<p>17 articole</p> <p>IF_{cumulat}=50.00</p>

	<p>6. 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=2.956)</p> <p>7. <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=2.084)</p> <p>8. 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=2.588)</p> <p>9. 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)</p> <p>10. 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}Fe₂O₄ ceramics</i>, J. Mater. Sci., vol. 49, pp. 3276-3286, 2014. (IF=2.371)</p> <p>11. <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}Fe₂O₄ ferrites</i>, J. Am. Ceram. Soc., vol. 97, pp. 519-526, 2014. (IF=2.610)</p> <p>12. 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>13. 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 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>14. <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_xFe₂O₄ ferrites</i>, J. Alloys Compd., vol. 509, pp. 8065-8072, 2011. (IF=2.289)</p> <p>15. C.E. Ciomaga, I. Dumitru, L. Mitoseriu, C. Galassi, A.R. Iordan, <u>M. Airimioaei</u>, M.N. Palamaru, <i>Magnetoelectric ceramic</i></p>	
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	<p><i>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>16. 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 $\text{CoFe}_2\text{O}_4\text{-Pb}(\text{ZrTi})\text{O}_3$ multiferroic composites by gel-combustion technique</i>, J. Eur. Ceram. Soc., vol.29, pp. 2807-2813, 2009. (IF=2.090)</p> <p>17. 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 $\text{CoFe}_2\text{O}_4\text{-Nb-Pb}(\text{Zr,Ti})\text{O}_3$ multiferroic composites prepared in situ by gel-combustion method</i>, J. Alloys Compd., vol. 485, pp. 372-378, 2009. (IF=2.135)</p>	
	<p>- autor principal la 2 articole științifice publicate in extenso în reviste internaționale cotate ISI</p> <p>1. C. E.Ciomaga, <u>M. Airimioaei</u>, I. Turcan, A. V. Lukacs, S. Tascu, M. Grigoras, N. Lupu, J. Banys, L. Mitoseriu, <i>Functional properties of percolative $\text{CoFe}_2\text{O}_4\text{-PbTiO}_3$ composite ceramics</i>, J. Alloys Compd., vol. 775, pp. 90-99, 2019. (IF=3.779)</p> <p>2. <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>$\text{SrTiO}_3\text{-BaTiO}_3$ 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=5.976)</p> <p>3. <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 BaTiO_3 powders on the functional properties of $\text{BaTiO}_3/\text{poly}(\text{epsilon-caprolactone})$ composites</i>, Mater. Chem. Phys., vol. 182, pp. 246-255, 2016. (IF=2.084)</p> <p>4. <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 $\text{Mg}_x\text{Ni}_{1-x}\text{Fe}_2\text{O}_4$ ferrites</i>, J. Am. Ceram. Soc., vol. 97, pp. 519-526, 2014. (IF=2.610)</p> <p>5. <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 $\text{Ni}_{1-x}\text{Mn}_x\text{Fe}_2\text{O}_4$ ferrites</i>, J. Alloys Compd., vol. 509, pp. 8065-8072, 2011. (IF=2.289)</p>	5 articole