



ANEXA 2

STANDARDE MINIMALE PE DOMENII ALE UNIVERSITĂȚII

FUCȚIA DIDACTICĂ	DOMENIUL DE CONCURS - CHIMIE	REALIZAT
ASISTENT UNIVERSITAR	<p>- minim trei articole științifice publicate <i>in extenso</i> în reviste internaționale cu factor ISI cumulativ minim 4;</p> <p>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)</p> <p>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)</p> <p>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)</p> <p>4. <u>M. Airimioaei</u>, R. Stanculescu, V. Preutu, C. Ciomaga, N. Horchidan, S. Tascu, D. Lutić 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>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)</p> <p>6. A. Neagu, L. Curecheriu, <u>M. Airimioaei</u>, A. Cazacu. A. Cernescu, L. Mitoseriu, <i>Impedance spectroscopy</i></p>	<p>14 articole</p> <p>IF_{cumulat}=38.666</p>



	<p><i>characterization of relaxation mechanisms in gold-chitosan nanocomposites</i>, Composites Part B, vol. 71, pp. 210-217, 2015, (IF=3.850)</p> <p>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 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>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>, J. Alloys Compd., 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>	
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	<p>- autor principal la 2 articole științifice publicate <i>in extenso</i> în reviste internaționale cotate ISI</p> <p>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)</p> <p>2. <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>3. <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>4. <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>	4 articole
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