

## Lista completă de lucrări

### (a) Lista celor mai relevante 10 publicații

1. Giovanna Canu, Giorgia Confalonieri, Marco Deluca, Lavinia Curecheriu, Maria Teresa Buscaglia, Mihai Asandulesa, Nadejda Horchidan, Monica Dapiaggi, Liliana Mitoseriu, Vincenzo Buscaglia, Structure-properties correlations and origin of relaxor behaviour in  $\text{BaCe}_x\text{Ti}_{1-x}\text{O}_3$ , Acta Materialia, 152, 258-268 (2018)

Factor de impact =7.293

Autor principal: Nu

Zona roșie: Top 1

2. Oana Condurache, Ina Turcan, Lavinia Curecheriu, Cristina Ciomaga, Petronel Postolache, Gabriela Ciobanu, Liliana Mitoseriu, Towards novel functional properties by interface reaction in mixtures of  $\text{BaTiO}_3\text{-Fe}_2\text{O}_3$  composite ceramics, Ceramics International, 43, 1098-1105 (2017)

Factor de impact=3.057

Autor principal: Da (autor corespondent)

Zona roșie

3. Lavinia Curecheriu, Cristina Ciomaga, Valentina Musteata, Giovanna Canu, Vincenzo Buscaglia, Liliana Mitoseriu, Diffuse phase transition and high electric field properties of  $\text{BaCe}_y\text{Ti}_{1-y}\text{O}_3$  relaxor ferroelectric ceramics, Ceramics International, 42, 11085-11092 (2016)

Factor de impact =2.986

Autor principal: Da (prim autor)

Zona roșie

4. Leontin Padurariu, Lavinia Curecheriu, Liliana Mitoseriu, Nonlinear dielectric properties of paraelectric-dielectric composites described by a 3D Finite Element Method based on Landau-Devonshire theory, Acta Materialia 103, 724-734 (2016)

Factor de impact =5.301

Autor principal: Nu

Zona roșie: Top 1

5. Alexandra Neagu, Lavinia Curecheriu, Mirela Airimioaei, Ana Cazacu, Adrian Cernescu, Liliana Mitoseriu, Impedance spectroscopy characterization of relaxation mechanisms in gold-chitosan nanocomposites, Composites:Part B 71, 210-217 (2015)

Factor de impact =3.85

Autor principal: Da (autor corespondent)

Zona roșie

6. Lavinia-Petronela Curecheriu, Maria Teresa Buscaglia, Filippo Maglia, Umberto Anselmi-Tamburini, Vincenzo Buscaglia and Liliana Mitoseriu, Design tunable materials: ferroelectric-antiferroelectric composite with core-shell structure, Applied Physics Letters 105, 252901 (2014)

Factor de impact =3.515

Autor principal: Da (prim autor)  
Zona roșie

7. Alexandra Neagu, Lavinia Curecheriu, Ana Cazacu, Liliana Mitoseriu, Impedance analysis and tunability of BaTiO<sub>3</sub>-chitosan composites: towards active dielectrics for flexible electronics, Composites:Part B, 66, 109-116 (2014)

Factor de impact=2.602

Autor principal: Da (autor corespondent)  
Zona roșie

8. Lavinia Petronela Curecheriu, Sorin-Bogdan Balmus, Maria Teresa Buscaglia, Vincenzo Buscaglia, Adelina Ianculescu and Liliana Mitoseriu, Size dependent properties of dense nanocrystalline barium titanate ceramics, Journal of American Ceramic Society, 95,12, 3912-3921 (2012)

Factor impact = 2.272

Autor principal: Da (prim autor)  
Zona roșie

9. Lavinia Curecheriu, Maria Teresa Buscaglia, Vincenzo Buscaglia, Zhe Zhao, Liliana Mitoseriu, Grain size effect on the nonlinear dielectric properties of barium titanate ceramics, Applied Physics Letters, 97, 242909 (2010)

Factor impact = 3.820

Autor principal: Da (prim autor)  
Zona roșie

10. Lavinia P. Curecheriu, Maria T. Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, Petronel Postolache, Adelina Inaculescu, Paolo Nanni, Functional properties of BaTiO<sub>3</sub> – Ni<sub>0.5</sub>Zn<sub>0.5</sub>Fe<sub>2</sub>O<sub>4</sub> magnetoelectric ceramics prepared from powders with core-shell structure, Journal of Applied Physics, 107, 104106 (2010)

Factor impact = 2.064

Autor principal: Da (prim autor)  
Zona roșie

### **(b) Teza de doctorat**

Lavinia Petronela Curecheriu, Contribution to the study of nonlinear phenomena in ferroelectric ceramics, Alexandru Ioan Cuza University, Iasi, Romania, 2009

### **(c) Brevete**

1. Adelina C. Ianculescu, Liliana Mitoseriu, Lavinia P. Curecheriu, Florin M. Tufescu, Florin Tufescu, Method for measuring tunability of ceramic materials, involves using circuit having

high voltage source controlled by function generator and applying high voltage to assay-sample through protection resistor, Patent Number(s): RO125567-A0 (ISI index)

2. Lavinia P. Curecheriu, Adelina C. Ianculescu, Liliana Mitoseriu, Florin Tufescu, Florin M. Tufescu, BST ceramic material, method for measuring tunability and BST ceramic device for measuring high voltage by galvanic separation, Patent Number(s): RO125528-A2; RO125566-A0 (ISI index)

#### **(d) Cărți**

1. A. C. Ianculescu, D.C. Berger, C.A. Vasilescu, M. Olariu, B.S. Vasile, L.P. Curecheriu, A. Gajovic, R. Trusca, Cap. I Incorporation mechanism and functional properties of Ce-doped BaTiO<sub>3</sub> ceramics derived from nanopowders prepared by modified Pechini method, in “Nanoscale Ferroelectrics and Multiferroics: Key Processing and Characterization Issues, and Nanoscale Effects“, Ed. Wiley & Sons, p. 13-44 (2016)

2. L. Mitoseriu, L. Curecheriu, Cap. XV. Nanostructured barium titanates ceramics: intrinsic versus extrinsic effects in “Nanoscale Ferroelectrics and Multiferroics: Key Processing and Characterization Issues, and Nanoscale Effects“, Ed. Wiley & Sons, p. 473-501

#### **(e) Articole in extenso in reviste din circuitul internațional**

##### **Articole cotate ISI (altele decât cele de la punctul (a))**

1. Vlad Al. Lukacs, Roxana Stanculescu, Lavinia Curecheriu, Cristina Ciomaga, Nadejda Horchidan, Cipriana Cioclea, Liliana Mitoseriu, Structural and functional properties of BaTiO<sub>3</sub> porous ceramics produced by using pollen as artificial template, Ceramics International (in press)  
Factor de impact=3.45 (ISI pentru 2018)  
Autor principal: Da (autor corespondent)  
Zona roșie

2. Cristina E. Ciomaga, Alexandra Guzu, Mirela Airimioaei, Lavinia P. Curecheriu, Vlad Alexandru Lukacs, Ovidiu G. Avadanei, George Stoian, Marian Grigoras, Nicoleta Lupu, Mihai Asandulesa, Liliana Mitoseriu, Comparative study of magnetoelectric BaTiO<sub>3</sub>-Co<sub>0.8</sub>Zn<sub>0.2</sub>Fe<sub>2</sub>O<sub>4</sub> bi-tunable ceramics sintered by Spark Plasma Sintering and classical method, Ceramics International (in press)  
Factor de impact=3.45 (ISI pentru 2018)  
Autor principal: Nu  
Zona roșie

3. Alexandra Guzu, Cristina Elena Ciomaga, Mirela Airimioaei, Leontin Padurariu, Lavinia-Petronela Curecheriu, Ioan Dumitru, Felicia Gheorghiu, George Stoian, Marian

Grigoras, Nicoleta Lupu, Mihai Asandulesa, Liliana Mitoseriu, Functional properties of randomly and layered BaTiO<sub>3</sub>-CoFe<sub>2</sub>O<sub>4</sub> ceramic composites close to the percolation limit, Journal of Alloys and Compound, 796, 55-64 (2019)

Factor de impact=4.175 (ISI pentru 2018)

Autor principal: Nu

Zona roșie

4. Giovanna Canu, Gregorio Bottaro, Maria Teresa Buscaglia, Chiara Costa, Oana Condurache, Lavinia Curecheriu, Liliana Mitoseriu, Vincenzo Buscaglia, Lidia Armelao, Ferroelectric order driven Eu<sup>3+</sup> photoluminescence in BaZr<sub>x</sub>Ti<sub>1-x</sub>O<sub>3</sub>, perovskite, Scientific Reports 9, 6441 (2019)

Factor de impact=4.011 (ISI pentru 2018)

Autor principal: Nu

Zona roșie

5. Ina Turcan, Alexandru Vlad Lukacs, Lavinia Curecheriu, Leontin Padurariu, Cristina Elena Ciomaga, Mirela Airimioaei, George Stoian, Nicoleta Lupu, Liliana Mitoseriu, Microstructure and dielectric properties of Ag-BaTiO<sub>3</sub> composite ceramics, Journal of the European Ceramic Society, 38, 5420-5429 (2018)

Factor de impact =4.029

Autor principal: Nu

Zona roșie: Top 1

6. Mirela Airimioaei, Maria Teresa Buscaglia, Ilarie Tredici, Umberto Anselmi-Tamburini, Cristina Elena Ciomaga, Lavinia Curecheriu, Andreja Bencan, Vincenzo Buscaglia, Liliana Mitoseriu, BaTiO<sub>3</sub>-SrTiO<sub>3</sub> nanocomposites with temperature independent permittivity and linear tunability fabricated by field-assisted sintering from chemically synthesized powders, Journal of Materials Chemistry C, 5, 9028 (2017)

Factor de impact=5.976

Autor principal: Nu

Zona roșie

7. Lavinia-Petronela Curecheriu, Maria Teresa Buscaglia, Filippo Maglia, Cipriana Padurariu, Gabriela Ciobanu, Umberto Anselmi-Tamburini, Vincenzo Buscaglia, Liliana Mitoseriu, Tailoring the functional properties of PLZT-BaTiO<sub>3</sub> composite ceramics by core-shell approach, Journal of Applied Physics, 121, 14, 144101 (2017)

Factor de impact=2.176

Autor principal: Da (autor corespondent)

Zona galbenă

8. Cipriana Padurariu, Leontin Padurariu, Lavinia Curecheriu, Cristina Ciomaga, Nadejda Horchidan, Carmen Galassi, Liliana Mitoseriu, Role of the pore interconnectivity on the dielectric, switching and tunability properties of PZTN ceramics, Ceramics International, 43, 7, 5767-5773 (2017)

Factor de impact=3.057

Autor principal: Da (autor corespondent)

Zona roșie

9. Felicia Gheorghiu, Leontin Padurariu, Mirea Airimioaei, Lavinia Curecheriu, Cristina Elena Ciomaga, Cipriana Padurariu, Carmen Galassi, Liliana Mitoseriu, Porosity dependent properties of Nb-doped Pb(Zr,Ti)O<sub>3</sub> ceramics, Journal of the American Ceramic Society, 100, 2, 647-658 (2017)

Factor de impact=2.956

Autor principal: Nu

Zona roșie

10. Teodora Teslaru, Ionut Topala, Marius Dobromir, Valentin Pohoata, Lavinia Curecheriu, Nicoleta Dumitrascu, Polythiophene films obtained by polymerization under atmospheric pressure plasma conditions, Materials Chemistry and Physics, 169, 120-127 (2016)

Factor de impact= 2.084

Autor principal: Nu

Zona galbenă

11. A. Sakanas, R. Grigalaitis, J. Banys, L. Curecheriu, L. Mitoseriu, V. Buscaglia, Microstructural influence on the broadband dielectric properties of BaTiO<sub>3</sub>-Ni<sub>0.5</sub>Zn<sub>0.5</sub>Fe<sub>2</sub>O<sub>4</sub> core-shell composites: Experiment and modeling, J. Appl. Phys, 118, 174106 (2015)

Factor de impact =2.101

Autor principal: Nu

Zona galbenă

12. Adelina Inaculescu, Catalina Vasilescu, Maria Crisan, Malina Raileanu, Bogdan Vasile, Mihai Calugaru, Dorel Crisan, Nicolae Dragan, Lavinia Curecheriu, Liliana Mitoseriu, Formation mechanism and characteristics of lanthanum-doped BaTiO<sub>3</sub> powders and ceramics prepared by sol-gel process, Materials Characterization, 106, 195-207 (2015)

Factor de impact =2.383

Autor principal: Nu

Zona roșie

13. Felicia Gheorghiu, Lavinia Curecheriu, Isabelle Lisiecki, Patricia Beaunier, Simona Feraru, Mircea Palamaru, Valentina Musteata, Nicoleta Lupu, Liliana Mitoseriu, Functional properties of Sm<sub>2</sub>NiMnO<sub>6</sub> multiferroic ceramics prepared by spark plasma sintering, J Alloys & Comp 649, 151-158 (2015)

Factor de impact =3.014

Autor principal: Nu

Zona roșie

14. Lavinia-Petronela Curecheriu, Mirjana M Vijatovic Petrovic, Jelena D. Bobic, B.D. Stojanovic, Nonlinear properties of antimony-doped BaTiO<sub>3</sub> ceramics, Appl. Phys.A , 119, 681-686 (2015)

Factor de impact =1.444

Autor principal: Da (prim autor)

Zona galbenă

15. Cristina Elena Ciomaga, Leontin Padurariu, Lavinia Curecheriu, Nicoleta Lupu, Isabelle Lisiecki, Marco Deluca, Sorin Tascu, Carmen Galassi, Liliana Mitoseriu, 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, Journal of Applied Physics, 116, 164110 (2014)  
Factor de impact =2.185

Autor principal: Da (autor corespondent)

Zona galbenă

16. Lavinia Curecheriu, Petronel Postolache, Maria Teresa Buscaglia, Vincenzo Buscaglia, Adelina Ianculescu, Liliana Mitoseriu, Novel magnetoelectric ceramic composites by control of the interface reactions in  $\text{Fe}_2\text{O}_3@ \text{BaTiO}_3$  core-shell structures, Journal of Applied Physics, 116, 084102 (2014)

Factor de impact =2.185

Autor principal: Da (prim autor)

Zona galbenă

17. Zina Violeta Mocanu, Mirela Airimioaei, Cristina Elena Ciomaga, Lavinia Curecheriu, Florin Tudorache, Sorin Tascu, Alexandra R. Iordan, Mircea N. Palamaru, Liliana Mitoseriu, Investigation of the functional properties of  $\text{Mg}_x\text{Ni}_{1-x}\text{Fe}_2\text{O}_4$  ceramics, J. Mater Sci 49,8, 3276-3286 (2014)

Factor de impact=2.305

Autor principal: Nu

Zona roșie

18. Mirela Airimioaei, Mircea N. Palamaru, Alexandra R. Iordan, Pascal Berthet, C. Decorse, Lavinia Curecheriu, Liliana Mitoseriu, Structural investigation and functional properties of  $\text{Mg}_x\text{Ni}_{1-x}\text{Fe}_2\text{O}_4$  ferrites, Journal of American Ceramic Society, 97,2, 519-526 (2014)

Factor de impact=2.428

Autor principal: Nu

Zona roșie

19. Ana Cazacu, Lavinia Curecheriu, Alexandra Neagu, Leontin Padurariu, Adrian Cernescu, Isabelle Lisiecki, Liliana Mitoseriu, Tunable gold-chitosan, nanocomposites by local field engineering, Applied Physics Letters, 102, 222903 (2013)

Factor de impact = 3.515

Autor principal: Da (autor corespondent)

Zona roșie

20. Tiberiu Salaoru, Florica Matau, Sorin Tascu, Lavinia Curecheriu, Alexandru Stancu, Effect of thermal treatment on the magnetic properties of ceramic samples from eastern Romania clay deposits, Digest Journal of Nanomaterials and Biostructures, 8 (1), 335-346 (2013)

Factor de impact = 1.123

Autor principal: Nu  
Zona albă

21. Felicia Gheorghiu, Lavinia Curecheriu, Adelina Ianculescu, Mihai Calugaru, Liliana Mitoseriu, Tunable dielectric characteristics of Mn-doped BiFeO<sub>3</sub> multiferroic ceramics, Scripta Materialia 68, 305-308 (2013)

Factor de impact = 2.968

Autor principal: Da (autor corespondent)

Zona roșie

22. Bogdan Stefan Vasile, Ecaterina Andronescu, Cristina Ghitulica, Otilia Ruxandra Vasile, Lavinia Curecheriu, Rares Scurtu, Eugeniu Vasile, Roxana Trusca, Livia Pall, Virgil Aldica, Microstructure and electrical properties of zirconia and composite nanostructured ceramics sintered by different methods, Ceramics International 39, 2535-2543 (2013)

Factor de impact = 2.086

Autor principal: Nu

Zona galbenă

23. Lavinia Curecheriu, Petronel Postolache, Vincenzo Buscaglia, Nadejda Horchidan, Marin Alexe, Liliana Mitoseriu, BaTiO<sub>3</sub>-ferrite composites with magnetocapacitance and hard/soft magnetic properties, Phase Transition, 86, 7, 670-680 (2013)

Factor de impact = 1.044

Autor principal: Da (prim autor)

Zona galbenă

24. Lavinia Petronela Curecheriu, Marco Deluca, Zina Violeta Mocanu, Mihai Valentin Pop, Valentin Nica, Nadejda Horchidan, Maria Teresa Buscaglia, Vincenzo Buscaglia, Marlies Van Bael, An Hardy, Liliana Mitoseriu, Investigation of the ferroelectric-relaxor crossover in Ce-doped BaTiO<sub>3</sub> ceramics by impedance spectroscopy and Raman study, Phase Transition, 86, 7, 703-714 (2013)

Factor de impact = 1.044

Autor principal: Da (prim autor)

Zona galbenă

25. Marco Deluca, Lavinia P. Curecheriu, Alexandra Neagu, Geanina Apachitei, Maria Teresa Buscaglia, Giovanna Canu, Kenichi Oshita, Jung Gon Kim, Hiroshi Harima and Vincenzo Buscaglia, Raman spectroscopic study of layered quaternary ferrite Ba<sub>12</sub>Fe<sub>28</sub>Ti<sub>15</sub>O<sub>84</sub>, Phase Transition, 86, 7, 661-669 (2013)

Factor de impact = 1.044

Autor principal: Nu

Zona galbenă

26. Lavinia Petronela Curecheriu, Nadejda Horchidan, Steluta Popescu, Victor Ciupina, DC-tunability properties of substituted PZT ceramics investigated with multipolar models, Optoelectronics and Advanced materials – Rapid Communication, vol.6, 5-6, 573-576 (2012)

Factor de impact = 0.402  
Autor principal: Da (prim autor)  
Zona albă

27. Leontin Padurariu, Lavinia Petronela Curecheriu, Carmen Galassi, Liliana Mitoseriu, Tailoring non-linear dielectric properties by local field engineering in anisotropic porous ferroelectric structures, Applied Physics Letters 100, 252905 (2012)

Factor de impact = 3.794  
Autor principal: Nu  
Zona roșie

28. Leontin Padurariu, Lavinia Curecheriu, Vincenzo Buscaglia, Liliana Mitoseriu, Permittivity versus field dependence in nanostructured ferroelectric ceramics: Role of grain size, Physical Review B 85, 224111 (2012)

Factor impact = 3.691  
Autor principal: Nu  
Zona roșie

29. Marco Deluca, Laurentiu Stoleriu, Lavinia-Petronela Curecheriu, Nadejda Horchidan, Adelina, Carmen Ianculescu, Carmen Galassi, Liliana Mitoseriu, High-field dielectric properties and Raman spectroscopic investigation of the ferroelectric-to-relaxor crossover in  $\text{BaSn}_x\text{Ti}_{1-x}\text{O}_3$  ceramics, Journal of Applied Physics, 111, 084102 (2012)

Factor de impact = 2.210  
Autor principal: Nu  
Zona roșie

30. Marco Deluca, Catalina A. Vasilescu, Adelina C. Ianculescu, Daniela C. Berger, Cristina E. Ciomaga, Lavinia P. Curecheriu, Laurentiu Stoleriu, Andreja Gajovic, Liliana Mitoseriu, Carmen Galassi, Investigation of the composition-dependent properties of  $\text{BaTi}_{1-x}\text{Zr}_x\text{O}_3$  ceramics prepared by the modified Pechini method, Journal of the European Ceramic Society, 32 (13), 3551-3566 (2012)

Factor de impact = 2.360  
Autor principal: Nu  
Zona roșie

31. Delia Spiridon, Lavinia Curecheriu, Marius Dobromir, Nicoleta Dumitrascu, Synthesis of Poly(N-isopropylacrylamide) under atmospheric pressure plasma conditions, Journal of Applied Polymer Science, 124, 3, 2377-2382 (2012)

Factor de impact = 1.395  
Autor principal: Nu  
Zona galbenă

32. Lavinia Curecheriu, Felicia Gheorghiu, Adelina Ianculescu, Liliana Mitoseriu, Non-linear dielectric properties of  $\text{BiFeO}_3$  ceramics, Applied Physics Letters, 99, 172904 (2011)

Factor de impact = 3.844



Autor principal: Da (prim autor)

Zona roșie

33. Lavinia P. Curecheriu, Maria T. Buscaglia, Adelina C. Ianculescu, Raluca Frunza, Ioana Ciuchi, Alexandra Neagu, Gianina Apachitei, Alessio Bassano, Gionavanna Canu, Petronel Postolache, Liliana Mitoseriu, Vincenzo Buscaglia, Dielectric and magnetic properties of the  $\text{Ba}_{12}\text{Fe}_{28}\text{Ti}_{15}\text{O}_{84}$  layered ferrite, Journal of Physics D: Applied Physics 44, 435002 (2011)

Factor de impact = 2.544

Autor principal: Da (prim autor)

Zona roșie

34. Adelina Ianculescu, Zina Violeta Mocanu, Lavinia Curecheriu, Leontin Padurariu, Liliana Mitoseriu, Roxana Trusca, Dielectric and tunability properties of La-doped BT ceramics, Journal of Alloys and Compounds, 509,10040– 10049 (2011)

Factor de impact = 2.289

Autor principal: Da (autor corespondent)

Zona roșie

35. Zina Violeta Mocanu, Gianina Apachitei, Leontin Padurariu, Florin Tudorache, Lavinia P. Curecheriu, Liliana Mitoseriu, Impedance spectroscopy method for investigation of the polycrystalline inhomogeneous ceramics, European Physical Journal Applied Physics 56, 10102 (2011)

Factor de impact = 0.771

Autor principal: Da (autor corespondent)

Zona albă

36. Lavinia P. Curecheriu, Adelina C. Ianculescu, Nadejda Horchidan, Stefania Stoleriu, Florin Tudorache, Sorin Tascu, Liliana Mitoseriu, Temperature dependence of tunability of  $\text{Ba}(\text{Sn}_x\text{Ti}_{1-x})\text{O}_3$  ceramics, Journal of Applied Physics 109, 084103 (2011)

Factor de impact = 2.168

Autor principal: Da (prim autor)

Zona roșie

37. Nadejda Horchidan, Adelina Ianculescu, Lavinia Curecheriu, Florin Tudorache, Valentina Musteata, Stefania Stoleriu, Nicolae Dragan, Dorel Crisan, Sorin Tascu, Liliana Mitoseriu, Preparation and characterization of barium titanate stannate solid solution, Journal of Alloys and Compounds, 509, 4731-4737 (2011)

Factor de impact = 2.289

Autor principal: Nu

Zona roșie

38. Adelina Ianculescu, Maria M. Carnasciali, Lavinia Curecheriu, Liliana Mitoseriu, Raman investigation and functional characterisation of  $(\text{Pb}_{0.8}\text{La}_{0.2})(\text{Mg}_{0.4}\text{Nb}_{0.6})\text{O}_3$  ceramics prepared by the columbite method, Journal of Alloys and Compounds, 391-395, 508 (2010)

Factor de impact = 2.134

Autor principal: Da (autor corespondent)  
Zona roșie

39. Maria T. Buscaglia, Vincenzo Buscaglia, Lavinia P. Curecheriu, Petronel Postolache, Liliana Mitoseriu, Adelina Ianculescu, Bogdan Vasile, Zhao Zhe, Paolo Nanni, Fe<sub>2</sub>O<sub>3</sub>@BaTiO<sub>3</sub> core-shell particles as reactive precursors for the preparation of multifunctional composites containing different magnetic phases, Chem.Mater. 22, 4740-4748 (2010)

Factor de impact = 6.397

Autor principal: Nu

Zona roșie

40. Lavinia P. Curecheriu, Adelina Ianculescu, Liliana Mitoseriu, Tunability properties in the paraelectric state of the Pb(Mg<sub>1/3</sub>Nb<sub>2/3</sub>)O<sub>3</sub> ceramics, Journal of the European Ceramic Society, 30, 599-603 (2010)

Factor de impact = 2.574

Autor principal: Da (prim autor)

Zona roșie

41. Lavinia P. Curecheriu, Liliana Mitoseriu, Adelina Ianculescu, Nonlinear dielectric properties of Ba<sub>1-x</sub>Sr<sub>x</sub>TiO<sub>3</sub> ceramics, Journal of Alloys and Compounds, 482, 1-4 (2009)

Factor de impact = 2.135

Autor principal: Da (prim autor)

Zona roșie

42. Lavinia P. Curecheriu, Liliana Mitoseriu, Adelina Ianculescu, Tunability properties of the Pb(Mg<sub>1/3</sub>Nb<sub>2/3</sub>)O<sub>3</sub> relaxors and theoretical description, Journal of Alloys and Compounds, 485, 1-5 (2009)

Factor de impact = 2.135

Autor principal: Da (prim autor)

Zona roșie

43. Lavinia P. Curecheriu, Cristina E. Ciomaga, Liliana Mitoseriu, Temperature-dependent tunability in the paraelectric state of BaTiO<sub>3</sub>-based solid solutions, Ferroelectrics, 391, 83-90 (2009)

Factor de impact = 0.447

Autor principal: Da (prim autor)

Zona albă

44. Felicia Prihor, Adelina Ianculescu, Liliana Mitoseriu, Petronel Postolache, Lavinia Curecheriu, Nicolae Dragan, Dorin Crisan, Functional properties of the (1-x)BiFeO<sub>3</sub>-xBaTiO<sub>3</sub>, Ferroelectrics, 391, 76-82 (2009)

Factor de impact = 0.447

Autor principal: Nu

Zona albă

45. Lavinia P. Curecheriu, Liliana Mitoseriu, Adelina Ianculescu, Ana Braileanu, Critical evolution of the local order parameters related to the nanopolar domains in  $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$  ceramics, Applied Physics A, 97, 587-594 (2009)

Factor de impact = 1.595

Autor principal: Da (prim autor)

Zona galbenă

46. Liliana Mitoseriu, Adelina Ianculescu, Maria M. Carnasciali, Ana Braileanu, Lavinia Curecheriu, Properties of the  $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$  ceramics prepared by using two different Mg precursors, Ferroelectrics, 369, 157-169 (2008)

Factor de impact = 0.562

Autor principal: Nu

Zona albă

47. Adelina Ianculescu, Dana Berger, Liliana Mitoseriu, Lavinia P. Curecheriu, Nicolae Dragan, Dorin Crisan, Properties of  $\text{Ba}_{1-x}\text{Sr}_x\text{TiO}_3$  ceramics prepared by the modified Pechini method, Ferroelectrics, 369, 22-34 (2008)

Factor de impact = 0.562

Autor principal: Nu

Zona albă

48. Lavinia P. Curecheriu, Florin M. Tufescu, Adelina Ianculescu, Cristina E. Ciomaga, Liliana Mitoseriu, Alexandru Stancu, Tunability characteristics of  $\text{BaTiO}_3$  based ceramics: modeling and experimental study, Journal of Optoelectronics and Advanced materials, 10, 1792-1795 (2008)

Factor de impact = 0.577

Autor principal: Da (prim autor)

Zona albă

49. Liliana Mitoseriu, Cristina E. Ciomaga, Ioan Dumitru, Lavinia P. Curecheriu, Felicia Prihor, Alexandra Guzu, Study of the frequency-dependence of the complex permittivity in  $\text{Ba}(\text{Zr,Ti})\text{O}_3$  ceramics: evidences of the grain boundary phenomena, Journal of Optoelectronics and Advanced materials, 10, 1843-1846 (2008)

Factor de impact = 0.577

Autor principal: Nu

Zona albă

50. Florin M. Tufescu, Lavinia Curecheriu, Adelina Ianculescu, Cristina Ciomaga, Liliana Mitoseriu, High-voltage tunability measurements of the  $\text{BaZr}_x\text{Ti}_{1-x}\text{O}_3$  ferroelectric ceramics, Journal of Optoelectronics and Advanced materials, 10, 1894-1897 (2008)

Factor de impact = 0.577

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