

Lista completă de lucrări

(a) Lista celor mai relevante publicații

1. Oana Condurache, Ina Turcan, Lavinia Curecheriu, Cristina Ciomaga, Petronel Postolache, Gabriela Ciobanu, Liliana Mitoseriu, Towards novel functional properties by interface reaction in mixtures of BaTiO₃-Fe₂O₃ composite ceramics, *Ceramics International*, 43, 1098-1105 (2017)

Factor de impact=2.986 (ISI pentru 2016)

Autor principal: Da (autor corespondent)

Zona roșie

2. Lavinia Curecheriu, Cristina Ciomaga, Valentina Musteata, Giovanna Canu, Vincenzo Buscaglia, Liliana Mitoseriu, Diffuse phase transition and high electric field properties of BaCe_yTi_{1-y}O₃ relaxor ferroelectric ceramics, *Ceramics International*, 42, 11085-11092 (2016)

Factor de impact =2.986

Autor principal: Da (prim autor)

Zona roșie

3. 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

4. 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

5. 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

6. Alexandra Neagu, Lavinia Curecheriu, Ana Cazacu, Liliana Mitoseriu, Impedance analysis and tunability of BaTiO₃-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

7. 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

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 BaTiO₃ – Ni_{0.5}Zn_{0.5}Fe₂O₄ 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 BaTiO₃ 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. Mirela Airimioaei, Maria Teresa Buscaglia, Ilarie Tredici, Umberto Anselmi-Tamburini, Cristina Elena Ciomaga, Lavinia Curecheriu, Andreja Bencan, Vincenzo Buscaglia, Liliana Mitoseriu, BaTiO₃-SrTiO₃ 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=5.256 (ISI pentru 2016)
Autor principal: Nu
Zona roșie
2. 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-BaTiO₃ composite ceramics by core-shell approach, Journal of Applied Physics, 121, 14, 144101 (2017)
Factor de impact=2.068 (ISI pentru 2016)
Autor principal: Da (autor corespondent)

Zona galbenă

3. 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=2.986 (ISI pentru 2016)

Autor principal: Da (autor corespondent)

Zona roșie

4. Felicia Gheorghiu, Leontin Padurariu, Mirea Airimioaei, Lavinia Curecheriu, Cristina Elena Ciomaga, Cipriana Padurariu, Carmen Galassi, Liliana Mitoseriu, Porosity dependent properties of *Nb*-doped $\text{Pb}(\text{Zr,Ti})\text{O}_3$ ceramics, *Journal of the American Ceramic Society*, 100, 2, 647-658 (2017)

Factor de impact=2.841 (ISI pentru 2016)

Autor principal: Nu

Zona roșie

5. T. Teslaru, I. Topala, M. Dobromir, V. Pohoata, L. Curecheriu, N. 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

6. A. Sakanas, R. Grigalaitis, J. Banys, L. Curecheriu, L. Mitoseriu, V. Buscaglia, Microstructural influence on the broadband dielectric properties of $\text{BaTiO}_3\text{-Ni}_{0.5}\text{Zn}_{0.5}\text{Fe}_2\text{O}_4$ core-shell composites: Experiment and modeling, *J. Appl. Phys*, 118, 174106 (2015)

Factor de impact =2.101

Autor principal: Nu

Zona galbenă

7. 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_3 powders and ceramics prepared by sol-gel process, *Materials Characterization*, 106, 195-207 (2015)

Factor de impact =2.383

Autor principal: Nu

Zona roșie

8. Felicia Gheorghiu, Lavinia Curecheriu, Isabelle Lisiecki, Patricia Beaunier, Simona Feraru, Mircea Palamaru, Valentina Musteata, Nicoleta Lupu, Liliana Mitoseriu, Functional properties of $\text{Sm}_2\text{NiMnO}_6$ multiferroic ceramics prepared by spark plasma sintering, *J Alloys & Comp* 649, 151-158 (2015)

Factor de impact =3.014

Autor principal: Nu

Zona roșie

9. Lavinia-Petronela Curecheriu, Mirjana M Vijatovic Petrovic, Jelena D. Bobic, B.D. Stojanovic, Nonlinear properties of antimony-doped BaTiO₃ ceramics, Appl. Phys.A , 119, 681-686 (2015)

Factor de impact =1.444

Autor principal: Da (prim autor)

Zona galbenă

10. 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 Pb(Zr_{0.47}Ti_{0.53})O₃ 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

11. Lavinia Curecheriu, Petronel Postolache, Maria Teresa Buscaglia, Vincenzo Buscaglia, Adelina Ianculescu, Liliana Mitoseriu, Novel magnetoelectric ceramic composites by control of the interface reactions in Fe₂O₃@BaTiO₃ core-shell structures, Journal of Applied Physics, 116, 084102 (2014)

Factor de impact =2.185

Autor principal: Da (prim autor)

Zona galbenă

12. 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 Mg_xNi_{1-x}Fe₂O₄ ceramics, J. Mater Sci 49,8, 3276-3286 (2014)

Factor de impact=2.305

Autor principal: Nu

Zona roșie

13. Mirela Airimioaei, Mircea N. Palamaru, Alexandra R. Iordan, Pascal Berthet, C. Decorse, Lavinia Curecheriu, Liliana Mitoseriu, Structural investigation and functional properties of Mg_xNi_{1-x}Fe₂O₄ ferrites, Journal of American Ceramic Society, 97,2, 519-526 (2014)

Factor de impact=2.428

Autor principal: Nu

Zona roșie

14. 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

15. 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

16. Felicia Gheorghiu, Lavinia Curecheriu, Adelina Ianculescu, Mihai Calugaru, Liliana Mitoseriu, Tunable dielectric characteristics of Mn-doped BiFeO₃ multiferroic ceramics, Scripta Materialia 68, 305-308 (2013)

Factor de impact = 2.968

Autor principal: Da (autor corespondent)

Zona roșie

17. 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

18. Lavinia Curecheriu, Petronel Postolache, Vincenzo Buscaglia, Nadejda Horchidan, Marin Alexe, Liliana Mitoseriu, BaTiO₃-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

19. 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 BaTiO₃ 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

20. 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 Ba₁₂Fe₂₈Ti₁₅O₈₄, Phase Transition, 86, 7, 661-669 (2013)

Factor de impact = 1.044

Autor principal: Nu

Zona galbenă

21. 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

22. 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

23. 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

24. 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

25. 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

26. Lavinia Curecheriu, Felicia Gheorghiu, Adelina Ianculescu, Liliana Mitoseriu, Non-linear dielectric properties of BiFeO_3 ceramics, Applied Physics Letters, 99, 172904 (2011)

Factor de impact = 3.844

Autor principal: Da (prim autor)

Zona roșie

27. 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

28. 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

29. 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

30. 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

31. 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

32. 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

33. Maria T. Buscaglia, Vincenzo Buscaglia, Lavinia P. Curecheriu, Petronel Postolache, Liliana Mitoseriu, Adelina Ianculescu, Bogdan Vasile, Zhao Zhe, Paolo Nanni, $\text{Fe}_2\text{O}_3 @ \text{BaTiO}_3$ 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

34. Lavinia P. Curecheriu, Adelina Ianculescu, Liliana Mitoseriu, Tunability properties in the paraelectric state of the $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ ceramics, Journal of the European Ceramic Society, 30, 599-603 (2010)

Factor de impact = 2.574

Autor principal: Da (prim autor)

Zona roșie

35. Lavinia P. Curecheriu, Liliana Mitoseriu, Adelina Ianculescu, Nonlinear dielectric properties of $\text{Ba}_{1-x}\text{Sr}_x\text{TiO}_3$ ceramics, Journal of Alloys and Compounds, 482, 1-4 (2009)

Factor de impact = 2.135

Autor principal: Da (prim autor)

Zona roșie

36. Lavinia P. Curecheriu, Liliana Mitoseriu, Adelina Ianculescu, Tunability properties of the $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ 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

37. Lavinia P. Curecheriu, Cristina E. Ciomaga, Liliana Mitoseriu, Temperature-dependent tunability in the paraelectric state of BaTiO_3 – based solid solutions, Ferroelectrics, 391, 83-90 (2009)

Factor de impact = 0.447

Autor principal: Da (prim autor)

Zona albă

38. Felicia Prihor, Adelina Ianculescu, Liliana Mitoseriu, Petronel Postolache, Lavinia Curecheriu, Nicolae Dragan, Dorin Crisan, Functional properties of the $(1-x)\text{BiFeO}_3 - x\text{BaTiO}_3$, Ferroelectrics, 391, 76-82 (2009)

Factor de impact = 0.447

Autor principal: Nu

Zona albă

39. 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

40. 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

41. 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

42. Lavinia P. Curecheriu, Florin M. Tufescu, Adelina Ianculescu, Cristina E. Ciomaga, Liliana Mitoseriu, Alexandru Stancu, Tunability characteristics of 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

43. 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

44. 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

Autor principal: Nu

Zona albă

45. Lavinia Curecheriu, Ovidiu Avadanei, Ecaterina Focanici, Dorina E. Creanga, Simona Miclaus, I.E. Horga, Investigation upon the radiofrequency radiation impact in the biological tissues, Romanian Journal of Physics, 53, 1-2, 387-392 (2008)

Factor de impact = 0.279

Autor principal: Da (prim autor)

Zona albă

46. Lavinia Curecheriu, Ecaterina Focanici, Alexandru Vlahovici, Ovidiu Avadanei, Dumitru D. Sandu, Dorina Creanga, Simona Miclaus, Radiofrequency wave effects on DNA and RNA levels in some animal tissues, Romanian Journal of Physics, 52, 389-394 (2007)

Factor de impact = 0.279

Autor principal: Da (prim autor)

Zona albă

Publicații în reviste internaționale fără factor de impact

47. Lorena Pardo, Alvaro Garcia, Klaus Brebøl, Lavinia P. Curecheriu, Liliana Mitoseriu, Elisa Mercadelli, Carmen Gallassi, Piezoelectric characterization of Lead-Free Ferroelectric Ceramics, PROCESSING AND APPLICATION OF CERAMICS, 4, [3], 199-207, (2010)

48. Alessio Bassano, Vishwanath Kalayani, Lavinia P. Curecheriu, Maria T. Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, Paolo Nanni, Nanoferroelectric perovskite oxides with unusual morphology produced by different synthesis procedures, PROCESSING AND APPLICATION OF CERAMICS, 4, [3], 147-156, (2010)

49. Ioana V. Ciuchi, Lavinia P. Curecheriu, Cristina E. Ciomaga, Andrei V. Sandu, Liliana Mitoseriu, Impedance spectroscopy characterization of bone tissues, Journal of Advanced Research in Physics 1 (1), 011007, 2010

50. Alexandra M. Neagu, Ioana V. Ciuchi, Lavinia P. Curecheriu, Liliana Mitoseriu, Impedance spectroscopy characterization of collagen samples, Journal of Advanced Research in Physics 1 (1), 011006, (2010)

51. Lavinia P. Curecheriu, Liliana Mitoseriu, Adelina Ianculescu, Temperature dependent tunability data and modelling in the paraelectric $\text{Ba}_{0.7}\text{Sr}_{0.3}\text{TiO}_3$ solid solutions, PROCESSING AND APPLICATION OF CERAMICS 3, 1-2, (2009)

52. Dorina E Creanga, Monica Culea, Claudia Nadejde, Servilia Oancea, Lavinia Curecheriu, Mihaela Racuciu, Magnetic nanoparticle effects on the red blood cells, Journal of Physics: Conference Series 170, 012019, (2009)

53. Lavinia P. Curecheriu, Raluca Frunza, Adelina Ianculescu, Dielectric properties of the $\text{BaTi}_{0.85}\text{Zr}_{0.15}\text{O}_3$ ceramics prepared by different techniques, PROCESSING AND APPLICATION OF CERAMICS 2, 2, 81-88, (2008)
54. Liliana Mitoseriu, Adelina Ianculescu, Maria M. Carnasciali, Ana Braileanu. Lavinia Curecheriu, Dielectric properties and Raman characterization of the $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ ceramics prepared by using two different Mg precursors, J.G.HEINRICH AND C. ANEZIRIS, PROC. 10TH ECERS CONF., GÖLLER VERLAG, BADEN-BADEN, 559-564, 2007
55. Lavinia P. Curecheriu, Tunability modelling and experiments for BaTiO_3 -based solid solutions, PROCESSING AND APPLICATION OF CERAMICS 1, 1-2, 23-27, 2007

Publicații în reviste indexate CNCSIS B+ și BDI

56. Catalina A. Vasilescu, Lavinia P. Curecheriu, Liliana Mitoseriu, Adelina C. Ianculescu, Phase formation, microstructure and functional properties of some $\text{BaTi}_{1-x}\text{Zr}_x\text{O}_3$ ceramics, U.P.B. Sci.Bull., Series B, 77 (2015)
57. Ecaterina Focanici-Ciurlică, Lavinia Curecheriu, Dorina Creangă, Cristian Goiceanu, Florin Mihai Tufescu, Nucleic acid changes induced by microwave and radiofrequency exposure of animal tissues, Romanian Journal of Biophysics 17(2), 109-117 (2007)
58. Ecaterina Foca-Nici, Lavinia Curecheriu, George Stoian, Dorina Creanga, Florin Tufescu, Alexandru Vlahovici, Biological effects of chronic and acute microwave irradiation in some animal tissues, Analele Universitatii de Vest Timisoara, 46, 152-157 (2005)

(f) Articole prezentate in extenso în volumele conferințelor

1. Geanina Apachitei, Lavinia P. Curecheriu, Description of Maxwell/Wagner dielectric dispersion by equivalent circuits in impedance spectroscopy characterization Revista Științifică Adamachi, Serie nouă, vol.XX, nr. 1, (2011)
2. Cipriana Padurariu, Lavinia Curecheriu, Proprietati electrice ale ceramicelor composite $(\text{Ni,Zn})\text{Fe}_2\text{O}_4\text{-BaTiO}_3$ Revista Științifică Adamachi, Serie nouă, vol.XX, nr. 1, (2011)
3. Alexandra M. Neagu, Lavinia P. Curecheriu, Piezo/dielectric properties of wood samples Revista Științifică Adamachi, Serie nouă, vol.XX, nr. 1, (2011)
4. Denisa A. Mihu, Lavinia P. Curecheriu, Studiul circuitului nelinia RLC cu material feroelectric, Revista Științifică Adamachi, Serie nouă, vol.XX, nr. 1, (2011)
5. Alexandra M. Neagu, Geanina Apachitei, Ioana V. Ciuchi, Lavinia P. Curecheriu, Andrei V. Sandu, Impedance spectroscopy characterization of collagen samples, Revista Științifică Adamachi, Serie nouă, vol.XIX, nr. 1, (2010)

6. Geanina Apachitei, Alexandra M. Neagu, Lavinia P. Curecheriu, Dielectric relaxation and piezoelectric resonances in ferroelectric ceramics: theory and experiment Revista Științifică Adamachi, Serie nouă, vol.XIX, nr. 1 (2010)
7. Zina V. Mocanu, Ionut Mocanu, Lavinia P. Curecheriu, Spectroscopia de impedanta: principii si aplicatii in studiul materialelor ceramice policristaline Revista Științifică Adamachi, Serie nouă, vol.XIX, nr. 1, (2010)
8. Ioana V. Ciuchi, Lavinia P. Curecheriu, Liliana Mitoșeriu, Studiul proprietăților feroelectrice ale filmelor de PZT utilizând kitul Radiant EDU, Revista Științifică Adamachi, Serie nouă, vol.XVIII, nr. 1, (2009)
9. Raluca Frunză, Ionut Dumitru, Lavinia Curecheriu, L Mitoșeriu, Non-isotropic dependence of the piezoelectric resonances in PZT porous ceramics, Revista Științifică Adamachi, Serie nouă, vol.XVIII, nr. 1, (2009)
10. Raluca C. Frunza, Tudor Coman, Costel Munteanu, Lavinia P.Curecheriu, Adelina Ianculescu, Liliana Mitoseriu, The role of the sintering temperature on the dielectric properties of Ba(Zr,Ti)O₃ ceramics, Revista Științifică Adamachi, Serie nouă, vol.XVII, nr. 1, pag. 115-119 (2008)
11. Felicia C. Dascalu, Aurelian Cârlescu, Lavinia P.Curecheriu, Adelina Ianculescu, Liliana Mitoseriu, Complex dielectric permittivity of Ba(Zr.Ti)O₃ relaxor composition prepared by alternative methods, Revista Științifică Adamachi, Serie nouă, vol.XVII, nr. 1, pag. 127-131 (2008)
12. Raluca C.Frunza, Cristina E. Ciomaga, Lavinia P. Curecheriu, Liliana Mitoseriu, Investigation of the response of a LCR circuit containing ferroelectric capacitor, Revista Științifică Adamachi, Serie nouă, vol.XVI, nr. 1, pag. 82-84 (2007)
13. Alexandra Guzu, Cristiana E Ciomaga, Lavinia P Curecheriu, Liliana Mitoseriu, Relaxarea dielectrica. Studiul dependentei de frecventa a permitivitatii complexe in sistemele feroelectrice, Revista Științifică Adamachi, Serie nouă, vol.XVI, nr. 1, pag. 112-115 (2007)
14. Felicia Prihor, Cristina E. Ciomaga, Lavinia P. Curecheriu, Liliana Mitoseriu, Study of the BiFeO₃-based multiferroic ceramics with magnetoelectric coupling, Revista Științifică Adamachi, Serie nouă, vol.XVI, nr. 1, pag. 116-118 (2007)
15. Roxana Molnar, Simona Miclaus, Lavinia Curecheriu, Ecaterina Focanici, Petronela Tupu, Dorina Creanga, G. Drochioiu, Claudia Nadejde, Cristian Goiceanu, Study of the putative hyperthermia effect in plants electromagnetically exposed and treated with magnetic liquid, Analele stiintifice ale Universitatii „Al. I. Cuza” Iasi, Tomul III,s. Biofizica, Fizica mdicala si Fizica mediului, 78-82 (2007)

16. Lavinia Curecheriu, Ecaterina Focanici, Dorina Creanga, Ovidiu Avadanei, Alexandru Vlahovici, George Stoian, Florin M. Tufescu, Cristian Goiceanu, Comparative study on the effects of radiofrequency and microwave radiation on the animal tissues, *Analele stiintifice ale Universitatii „Al. I. Cuza” Iasi*, Tomul II,s. Biofizica, Fizica mdicala si Fizica mediului, 5-8 (2006)
17. Ovidiu Avadanei, Dumitru D. Sandu, Lavinia Curecheriu, George Stoian, Manuela Ursache, Claudia Nadejde, Roxana Stănculescu, Alexandra Vlahovici, Dorina Creangă, Radiofrequency Wave Exposure of in Vitro Animal Tissues, *Revista Științifică Adamachi*, Serie nouă, vol.XIV, nr. 2, pag. 87-89 (2006)
18. Lavinia Curecheriu, M.C. Anton, Dumitrita Tănase – Panzaru, G. Răileanu, V. Cozma, Dorina Creangă, Bazele biofizice ale poluării electromagnetice, *Revista Științifică Adamachi*, Serie nouă, vol. XIV nr. 2, pag. 91-92 (2006)
19. Ecaterina Foca-nici, I. Lazaroaia, George Stoian, Lavinia Curecheriu, Manuela Ursachi, Dorina Creanga, Lichide magnetice - Preparare prin coprecipitare, *Revista Științifică Adamachi*, Serie nouă, vol. XVI, nr. 2, pag.10-11 (2006)
20. Cristina Sîrbu, Petronela Cimpoesu Sadagurschi, Lavinia Curecheriu, Antoneta Marele, Catalina Radu, Radu Apetrei, Valentin Pohoata, Diana Mardare, On the Optical Properties of Nitrogen-Doped TiO₂ Thin Films, *Analele Universitatii “Al. I. Cuza” Iasi* ,Tomul LI-LII, Fizica starii condensate, pag. 192-196, 2005-2006
21. Lavinia Curecheriu, Laura Ailioaie, Dinamic Modeling of the Synaptic Transmission, *Revista Științifică “V. Adamachi”*, vol XII, nr. 1-4, pag. 112-115 (2004)
22. Lavinia Curecheriu, Laura Obreja, Viorel Melnig, Mircea Apostu, Vasile Tura, Characterization of a Thin Polyurethane Coating on steel Implanted Protheses by Thermostimulated Current Method, *Analele Stiintifice ale Universitatii de Stiinte Agricole si Medicina Veterinara ”Ion Ionescu de la Brad”*, Iasi, 309-315 (2004)
23. Lavinia Curecheriu, Laura Obreja, Mirela Campeanu, C. Campeanu, C. Ciobanu, V. Tura, M. O. Apostu, V. Melnig, Dynamic Analyses of Macrovoid Formation in PU/DMF/WATER Sistem by Flow-Visualization Method, *Analele Universității de Științe Agricole și Medicină Veterinară “Ion Ionescu de la Brad”*, Iași, 215-222 (2003)

(g) Alte lucrări

Conferințe invitate

1. Lavinia Curecheriu, Leontin Padurariu, Liliana Mitoseriu, Tuning properties in electroceramics by composition and microstructural control, COST IC1208 Meeting, 16-17 March 2017, Luxembourg, Luxembourg (Tutorial)

2. Vincenzo Buscaglia, Maria Teresa Buscaglia, Lavinia Curecheriu, Liliana Mitoseriu, Nanostructured ferroelectric and dielectric ceramics. Processing and properties, Electroceramics XV, 27-29 Iunie 2016, Limoges, France
3. Leontin Padurariu, Lavinia Curecheriu, Vincenzo Buscaglia, Carmen Galassi, Liliana Mitoseriu, *Local field engineering for tailoring electrical properties in ferroelectric-based composites*, ROCAM 2015, 7-10 Iulie 2015, București, România
4. Leontin Padurariu, Lavinia Curecheriu, Cristina Ciomaga, Liliana Mitoseriu, *Tayloring properties in ferroelectric-based composites by local field engineering*, 7th International Workshop on Amorphous and Nanostructured Magnetic Materials ANMM'2015, 21-24 Septembrie 2015, Iași, România
5. Adelina C. Ianculescu, Catalina A. Vasilescu, Marco Deluca, Daniela C. Berger, Cristina E. Ciomaga, Lavinia P. Curecheriu, Andreja Gajovic, Liliana Mitoseriu, Carmen Galassi, Composition-dependent properties of $\text{BaTi}_{1-x}\text{Zr}_x\text{O}_3$ ceramics derived from nanopowders prepared by a polymeric precursor method, Joint Conference COST MP0904 Action and 9th Edition IEEE-ROMSC, 24-26 Septembrie 2012, Iași, România
6. Liliana Mitoseriu, Lavinia Curecheriu, Maria Teresa Buscaglia, Vincenzo Buscaglia, Alexandru Stancu, *New functional properties driven by nanoscale reactions in magnetoelectric composites*, The 7th International Conference on Advanced Materials, 28-31 August 2012, Brașov, România
7. Lavinia Curecheriu, Maria Teresa Buscaglia, Vincenzo Buscaglia, Petronel Postolache, Alexandru Stancu and Liliana Mitoseriu, *New functional properties driven by nanoscale interface reactions in magnetoelectric ceramics produced from core-shell Fe_2O_3 and BaTiO_3 powders*, E-MRS Fall meeting, 19-23 Septembrie 2011, Varșovia, Polonia
8. Lavinia Curecheriu, Maria Teresa Buscaglia, Vincenzo Buscaglia, Zhe Zhao, Liliana Mitoseriu, *Grain size effect on the nonlinear dielectric properties of barium titanate ceramics*, 12th European Meeting of Ferroelectricity, 26 Iunie-2 Iulie 2011 Bordeaux, Franta
9. Maria Teresa Buscaglia, Vincenzo Buscaglia, Alessio Bassano, Lavinia Petronela Curecheriu, Liliana Mitoseriu, Paolo Nanni, *Preparation of core-shell perovskite structure with restricted geometries by soft chemistry methods*, First FP7 Workshop-“ Nanostructured ceramics and nanocomposites- Challenges and perspectives”, 3-6 Decembrie 2009, Novi Sad, Serbia
10. Lavinia Petronela Curecheriu, Maria Teresa Buscaglia, Vincenzo Buscaglia, Adelina Ianculescu, Petronel Postolache, Liliana Mitoseriu, Paolo Nanni, *In-situ preparation of multiferroic composite with core-shell structure*, 6th Workshop "Advanced Functional Characterization of Nanostructured Materials", 24 - 25 Februarie 2009 Madrid, Spania

11. Liliana Mitoseriu, Lavinia Curecheriu, Felicia Prihor, Vincenzo Buscaglia, Paolo Nanni, *In-situ preparation of ferroelectric-magnetic nanocomposites with multiferroic magnetoelectric properties*, International Conference on Fundamental and Applied Research in Physics FARPhys, 23-24 Octombrie 2008 Iași, România

Prezentări orale la conferințe internaționale

12. Oana-Andreea Condurache, Vlad Preutu, Chiara Costa, Lavinia Curecheriu, Liliana Mitoseriu, Vincenzo Buscaglia, *Dielectric and structural characterization of ferroelectric-relaxor crossover in $\text{Eu}_{0.01}\text{Ba}_{0.99}\text{Ti}_{1-0.0025-y}\text{Zr}_y\text{O}_3$ ceramics*, 12th Conference for Young Scientists in Ceramics, CYSC-2017, 18-21 Octombrie, 2017, Novi Sad, Serbia

13. Ina Turcan, Vlad A. Lukacs, Lavinia Curecheriu, Cristina Ciomaga, Petronel Postolache, Liliana Mitoseriu, S. Balciunas, Juras Banys, *Novel functional properties of BaTiO_3 -ferrite magnetoelectric composites*, 12th Conference for Young Scientists in Ceramics, CYSC-2017, 18-21 Octombrie, 2017, Novi Sad, Serbia

14. Lavinia P Curecheriu, Cipriana Padurariu, Leontin Padurariu, Roxana Stanculescu, Cristina Ciomaga, Liliana Mitoseriu, *Effect of porosity on the dielectric and dc-tunability properties of BaTiO_3 ceramics*, 11th International Conference, PROCESSES IN ISOTOPES AND MOLECULES, PIM 2017, 27-29 Septembrie, 2017, Cluj-Napoca, România

15. Lavinia P. Curecheriu, Cipriana Padurariu, Leontin Padurariu, Roxana Stanculescu, Nadejda Horchidan, Cristina Ciomaga, Liliana Mitoseriu, *Effect of porosity on the dielectric, switching and DC-tunability properties of BaTiO_3 ceramics*, 15th Conference & Exhibition of the European Ceramic Society, ECerS2017, 9–13 Iulie, 2017, Budapesta, Ungaria

16. Giovanna Canu, Maria Teresa Buscaglia, Giorgia Confalonieri, Monica Dapiaggi, Lavinia Curecheriu, Oana Condurache, Marco Holzer, Marco Deluca, Liliana Mitoseriu, Vincenzo Buscaglia, *Phase transitions and polar order in $\text{BaCe}_x\text{Ti}_{1-x}\text{O}_3$ ($x = 0.02 - 0.30$) ceramics*, 15th Conference & Exhibition of the European Ceramic Society, ECerS2017, 9–13 Iulie, 2017, Budapesta, Ungaria

17. Lavinia Petronela Curecheriu, Cipriana Padurariu, Cristina Ciomaga, Leontin Padurariu, Roxana Stanculescu, Nadejda Horchidan, Liliana Mitoseriu, *Effect of porosity on nonlinear dielectric properties of BaTiO_3 porous ceramics*, Joint 9th Management Committee Meeting and Meeting of working groups WG1-WG4, 16-17 Martie 2017, Luxembourg, Luxembourg

18. Lavinia-Petronela Curecheriu, Maria Teresa Buscaglia, Leontin Padurariu, Mihai Asandulesa, Vincenzo Buscaglia, Liliana Mitoseriu, *Preparation of $(\text{Ba,Ca})(\text{Zr,Ti})\text{O}_3$ based composite ceramics with different grain size*, Joint 8th Management Committee Meeting and Meeting of working groups WG1-WG4, 8-9 Septembrie 2016, Varşovia, Polonia

19. Leontin Padurariu, Lavinia Curecheriu, Roxana Stanculescu, Cristina Ciomaga, Cipriana Padurariu, Carmen Galassi, Liliana Mitoseriu, *Modeling of the dielectric properties of porous ferroelectric structures*, Joint 8th Management Committee Meeting and Meeting of working groups WG1-WG4, 8-9 Septembrie 2016, Varşovia, Polonia
20. Lavinia Curecheriu, Cipriana Padurariu, Leontin Padurariu, Liliana Mitoseriu, Exploiting porosity for designing tunable materials, Joint IEEE ISAF-ECAPD-PFM, 21-25 August 2016, Darmstadt, Germania
21. Giovanna Canu, Maria Teresa Buscaglia, G. Confalonieri, Monica Dapiaggi, Lavinia Curecheriu, Oana Condurache, Marco Deluca, Liliana Mitoseriu, Vincenzo Buscaglia, Phase transition and crystal structure in the $\text{BaCe}_x\text{Ti}_{1-x}\text{O}_3$ system, Electroceramics XV, 27-29 Iunie, 2016, Limoges, France
22. Lavinia Curecheriu, Leontin Padurariu, Maria Teresa Bucaglia, Vincenzo Buscaglia, Liliana Mitoseriu, *Effect of porosity on ferroelectric-relaxor crossover in BaTiO_3 -based ceramics*, Electroceramics XV, 27-29 Iunie, 2016, Limoges, France
23. Lavinia Curecheriu, Maria Teresa Buscaglia, Vincenzo Buscaglia, Giovanna Canu, Liliana Mitoseriu, *Preparation and functional properties of $\text{Ba}_{0.85}\text{Ca}_{0.15}\text{Zr}_{0.10}\text{Ti}_{0.90}\text{O}_3$ ceramics with different grain size*, Electroceramics XV, 27-29 Iunie, 2016, Limoges, France
24. Oana Condurache, Ana -Maria Hanganu, Lavinia Curecheriu, Giovanna Canu, Liliana Mitoseriu, *Study of ferroelectric-relaxor $\text{BaCe}_x\text{Ti}_{1-x}\text{O}_3$ ceramics*, The Eleventh Conference for Young Scientists in Ceramics Workshop for Early Stage Researchers of the COST IC1208 Action, 21-24 Octombrie 2015, Novi Sad, Serbia
25. Leontin Padurariu, Lavinia Curecheriu, Liliana Mitoseriu, *Local field engineering for designed tunable ferroelectric-based composites*, 6th management Committee Meeting COST Action 1208 (MCM6), Meetings of the working groups WG1-WG4 3-4 Septembrie, 2015, Budapesta, Ungaria
26. Maria Teresa Buscaglia, Vincenzo Buscaglia, Lavinia Petronela Curecheriu, Liliana Mitoseriu, *Preparation and characterisation of $\text{Ba}_{0.85}\text{Ca}_{0.15}\text{Zr}_{0.10}\text{Ti}_{0.90}\text{O}_3$ ceramics with different grain size*, 6th management Committee Meeting COST Action 1208 (MCM6), Meetings of the working groups WG1-WG4 3-4 Septembrie, 2015, Budapesta, Ungaria
27. Mirela Airimioaei, Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, Cristina Elena Ciomaga, Lavinia Petronela Curecheriu, *Investigation of multifunctional composites prepared by using $\text{SrTiO}_3@ \text{BaTiO}_3$ core-shell particles as reactive precursors*, ROCAM 2015, 7-10 Iulie 2015, Bucureşti, România
28. Leontin Padurariu, Lavinia Curecheriu, Vincenzo Buscaglia, Liliana Mitoseriu, *Modeling the size effects on the nonlinear dielectric properties in nanostructures ferroelectric ceramics*, ROCAM 2015, 7-10 Iulie 2015, Bucureşti, România

29. Cristina Elena Ciomaga, Leontin Padurariu, Lavinia Petronela Curecheriu, Isabelle Lisiecki, Marco Deluca, Carmen Galassi, Liliana Mitoseriu, *Using multi-walled carbon nanotubes in spark plasma sintered ferroelectric ceramics for tailoring dielectric and tunability properties*, ROCAM 2015, 7-10 Iulie 2015, București, România
30. Lavinia P. Curecheriu, Petronel Postolache, Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, Alexandru Stancu, *Using FORC method for detection magnetic components in $Fe_2O_3@BaTiO_3$ composites with core-shell structure*, 10th International Symposium on Hysteresis Modeling and Micromagnetics, 18-20 Mai, 2015 Iasi, Romania
31. Mirela Airimioaei, Liliana Mitoseriu, Lavinia Petronela Curecheriu, Mircea Nicolae Palamaru, Alexandra Raluca Iordan, *Synthesis and functional properties of $MgxNi1-xFe2O4$ ferrites*, 5th Management Committee Meeting (MCM5) and Meetings of Working of COST IC1208 Action, Bilkent University, 26-27 Martie 2015, Ankara, Turkey
32. Felicia Gheorghiu, Isabelle Lisiecki, Cristina E. Ciomaga, Lavinia Curecheriu, Simona Feraru, Mircea N. Palamaru, Valentina Musteata, Nicoleta Lupu, Liliana Mitoseriu, *Preparation and functional properties of Sm_2NiMnO_6 multiferroic ceramics*, 10th International Conference on Physics of Advanced Materials, 22-24 Septembrie 2014, Iași, România
33. Cristina E. Ciomaga, Mirela Airimioaei, Lavinia P. Curecheriu, Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, *Dielectric and non-linear properties of $SrTiO_3@BaTiO_3$ core-shell ceramic*, European Conference on Application of Polar Dielectrics 7-11 Iulie 2014, Vilnius, Lituania
34. Lavinia Curecheriu, Leontin Padurariu, Liliana Mitoseriu, *Nonlinear dependence of dielectric constant in polymer-based composites*, European Conference on Application of Polar Dielectrics, 7-11 Iulie 2014, Vilnius, Lituania
35. Lavinia P. Curecheriu, Mihai Pop, Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, *Ferroelectric-relaxor crossover effects on the nonlinear dielectric properties in $BaZr_xTi_{1-x}O_3$ ceramics*, Electroceramics XIV, 16-20 Iunie 2014, Bucuresti, Romania
36. Leontin Padurariu, Lavinia Curecheriu, Vincenzo Buscaglia, Liliana Mitoseriu, *Modeling the size effects on the dielectric properties in nanostructured ferroelectric ceramics*, COST MP0904 Action Showcase, 17 Iunie 2014, București, România
37. Marco Deluca, Lavinia P. Curecheriu, Vincenzo Buscaglia, Adelina C. Ianculescu, An Hardy, Marlies K. van Bael, Carmen Galassi, Liliana Mitoseriu, *Ferroelectric-relaxor crossover in barium titanate-based ceramics by temperature-dependent Raman spectroscopy*, Electroceramics XIV, 16-20 Iunie 2014, București, România

38. Alexandra Neagu, Leontin Padurariu, Lavinia Curecheriu, Liliana Mitoseriu, *Dielectric properties of polymer matrix nanocomposites*, The Third Early Stage Researchers Workshop” COST MP0904 – SIMUFER, 6-9 Noiembrie 2013, Novi Sad, Serbia
39. Leontin Padurariu, Lavinia Curecheriu, Vincenzo Buscaglia, Liliana Mitoseriu, *Grain size effect on nonlinear properties in nanostructured ferroelectric ceramics: modelling and experimental validation*, 13th International Meeting on Ferroelectricity, 2-6 Septembrie 2013 Cracovia, Polonia
40. Lavinia P. Curecheriu, Valentina Musteata, Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, *Influence of the lengthscale cation mixing degree on the nonlinear dielectric properties of $BaZr_xTi_{1-x}O_3$ ceramics*, 13th International Meeting on Ferroelectricity, 2-6 Septembrie 2013 Cracovia, Polonia
41. Lavinia Curecheriu, Laurentiu Stoleriu, Carmen Galassi, Fabio Fochi, Liliana Mitoseriu, *Study of ferroelectric-antiferroelectric crossover in PLZT ($x/90/10$) ceramics*, Joint IEEE, UFFC, EFTF and PFM Symposium, 21-25 Iulie 2013, Praga, Cehia
42. Lavinia P. Curecheriu, Ana Cazacu, Alexandra Neagu, Leontin Padurariu, Liliana Mitoseriu, *Tunable chitosan-based nanocomposite by local field engineering*, COST SIMUFER Action MPO904 Workshop Advances in Ferroelectrics and Multiferroics, Institute of Physics AS CR, 21 Iulie 2013, Praga, Cehia
43. Leontin Padurariu, Lavinia Curecheriu, Mihai Pop, Carmen Galassi, Vincenzo Buscaglia, Liliana Mitoseriu, *The role of the local electric field inhomogeneity on the electrical properties of ferroelectric composites*, COST MP0904 Action „Recent advances in ferro/piezoelectric and multiferroic-based composites”, 22-23 Aprilie 2013, Faenza, Italia
44. Lavinia P. Curecheriu, Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, *New functional properties driven by interface reactions in core-shell composite*, COST MP0904 Action „Recent advances in ferro/piezoelectric and multiferroic-based composites”, 22-23 Aprilie 2013, Faenza, Italia
45. Catalin Harnagea, Lavinia P. Curecheriu, Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, *Magnetic and ferroelectric domain structures in $Fe_2O_3@BaTiO_3$ magnetoelectric composites*, COST MP0904 Action Workshop Nanoscale Phenomena, 22 Martie 2013, Belfast Marea Britanie
46. Lavinia Curecheriu, Leontin Padurariu, Liliana Mitoseriu, Vincenzo Buscaglia, *Non-linear dielectric properties in ferroelectric oxides: material design, experimental and modelling*, 10 YEARS OF NANOTECHNOLOGY DEVELOPMENT IN THE REPUBLIC OF MOLDOVA, 22-23 Octombrie 2012, Bălți, Rep. Moldova
47. Cristina E. Ciomaga, Lavinia Curecheriu, Carmen Galassi, Liliana Mitoseriu, *Preparation and properties of ferroelectric-magnetic ceramic composites*, 10 YEARS OF

NANOTEHNOLOGY DEVELOPMENT IN THE REPUBLIC OF MOLDOVA, 22-23
Octombrie 2012, Bălți, Rep. Moldova

48. Lavinia P. Curecheriu, Liliana Mitoseriu, Maria Teresa Buscaglia, Vincenzo Buscaglia, *New insights on nanoscale interface reactions in magnetoelectric composites*, 9th International Conference on Physics of Advanced Materials, 20-23 Septembrie 2012, Iași, România
49. Leontin Padurariu, Lavinia Curecheriu, Liliana Mitoseriu, *Tailoring dc-tunability properties by local field engineering in ferroelectric structures*, 9th International Conference on Physics of Advanced Materials, 20-23 Septembrie 2012, Iași, România
50. Lavinia P. Curecheriu, Petronel Postolache, Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, Alexandru Stancu, *Using FORC method in detection multiple magnetic components in magnetoelectric composites*, Joint Conference COST MP0904 Action and 9th Edition IEEE-ROMSC 2012, 24-26 Septembrie 2012, Iași, România
51. Leontin Padurariu, Lavinia Curecheriu, Vincenzo Buscaglia, Liliana Mitoseriu, *Modelling of the grain size effect on nonlinear dielectric properties in nanostructured ferroelectric ceramics*, Joint Conference COST MP0904 Action and 9th Edition IEEE-ROMSC 2012, 24-26 Septembrie 2012, Iași, România
52. Lavinia-Petronela Curecheriu, Leontin Padurariu, Liliana Mitoseriu, Vincenzo Buscaglia, *Tailoring dc-tunability properties of ferroelectric ceramics by reduction grain size at nanoscale*, ISAF-ECAPD 9-13 Iulie 2012, Aveiro, Portugalia
53. Leontin Padurariu, Lavinia Curecheriu, Liliana Mitoseriu, Vincenzo Buscaglia, *Modelling of the grain size effect on nonlinear properties in nanostructured ferroelectric ceramics*, ISAF-ECAPD 9-13 Iulie 2012, Aveiro, Portugalia
54. Liliana Mitoseriu, Lavinia Curecheriu, Alexandru Stancu, Vincenzo Buscaglia, *Reactions in $Fe_2O_3@BaTiO_3$ core-shell structure towards new functional properties*, ISAF-ECAPD 9-13 Iulie 2012, Aveiro, Portugalia
55. Felicia Gheorghiu, Lavinia Curecheriu, Radu Tanasa, Mihai V. Pop, Liliana Mitoseriu, *Comparison between the properties of pure $BiFeO_3$ ceramics prepared by single and two step sintering methods*, ISAF-ECAPD 9-13 Iulie 2012, Aveiro, Portugalia
56. Lavinia P. Curecheriu, Leontin Padurariu, Liliana Mitoseriu and Vincenzo Buscaglia, *A new approach for tailoring tunability and permittivity values by using grain size reduction at nanoscale*, Electroceramics XIII, 24-27 Iunie 2012, Twente, Olanda
57. Liliana Mitoseriu, Lavinia Curecheriu, Leontin Padurariu, Catalin Harnagea and Vincenzo Buscaglia, *New insights on grain size and interface effects in nanostructured ferroelectric ceramics*, Electroceramics XIII, 24-27 Iunie 2012, Twente, Olanda

58. Felicia Gheorghiu, Lavinia Curecheriu, Adelina Ianculescu, Valentina Musteata, Liliana Mitoseriu, *New aspects concerning the tunability and dielectric anomalies of BiFeO₃ ceramics*, Electroceramics XIII, 24-27 Iunie 2012, Twente, Olanda
59. Lavinia P. Curecheriu, Marco Deluca, Vincenzo Buscaglia, Marlies Van Bael, An Hardy, Zina Mocanu, Liliana Mitoseriu, *Ferroelectric-relaxor crossover in Ce-doped BaTiO₃ ceramics*, 3rd COST MP0904 Workshop – Advanced characterization and functional properties of ferroelectrics and multiferroics, 23 Aprilie 2012, Vilnius, Lituania
60. Lavinia P. Curecheriu, Liliana Mitoseriu, *Dc-electric-field dependence of dielectric constant in ferroelectric systems*, 2nd ESR Workshop, COST MP0904, 16-18 Noiembrie 2011, Novi Sad, Serbia
61. Lavinia Curecheriu, Giovanna Canu, Ioana Ciuchi, Geanina Apachitei, Alexandra Neagu, Maria Teresa Buscaglia, Vincenzo Buscaglia and Liliana Mitoseriu, *Preparation and multifunctional properties of Ba₁₂Fe₂₈Ti₁₅O₈₄ naturally self-assembled layered ceramics*, 2nd ESR Workshop, COST MP0904, 16-18 Noiembrie 2011, Novi Sad, Serbia
62. Zina V. Mocanu, Mirela Airimioaei, Alexandra R. Iordan, Mircea N. Palamaru, Lavinia P. Curecheriu, Valentin Nica, Petronel Postolache, Liliana Mitoseriu, *Functional properties of Mg_xNi_{1-x}Fe₂O₄ ferrite*, 2nd ESR Workshop, COST MP0904, 16-18 Noiembrie 2011, Novi Sad, Serbia
63. Lavinia P. Curecheriu, Vincenzo Buscaglia and Liliana Mitoseriu, *Non-linear properties of dense nanostructured ceramics*, COST Meeting, 30 Iunie-1 Iulie 2011, Bordeaux, Franta
64. Lavinia P. Curecheriu, Ioana V. Ciuchi, Geanina Apachitei, Alexandra Neagu, Maria T. Buscaglia, Vincenzo Buscaglia, Petronel Postolache, Liliana Mitoseriu, *Magnetic and dielectric properties of Ba₁₂Fe₂₈Ti₁₅O₈₄ naturally self-assembled layered ceramics*, 5th International Workshop Amorphous and Nanostructured Magnetic Materials, 5-7 Septembrie 2011 Iasi, Romania
65. Lavinia P. Curecheriu, Petronel Postolache, Maria T. Buscaglia, Vincenzo Buscaglia, Alexandru Stancu and Liliana Mitoseriu, *Functional properties of multiferroic ceramics prepared from core-shell Fe₂O₃@BaTiO₃ powder*, 10th International Conference on Global Research and Education, 26-29 Septembrie 2011, Sucevita, Romania
66. Lavinia P. Curecheriu, Cristina E. Ciomaga, Liliana Mitoseriu, Vincenzo Buscaglia, Carmen Galassi, Paolo Nanni, *Ferroelectric-magnetic composites with emergent electromagnetic properties*, Joint WGs Workshop of the COST MP0904 Action, 12 August 2010, Edinburgh, Marea Britanie
67. Lavinia P. Curecheriu, Maria T. Buscaglia, Vincenzo Buscaglia, Petronel Postolache, Bogdan Vasile, Adelina Ianculescu, Liliana Mitoseriu, Paolo Nanni, *Functional properties of multiferroic composites with core-shell structure related with microstructure characteristics*,

10th European Conference on Applications of Polar Dielectrics, 9-13 August 2010, Edinburgh, Marea Britanie

68. Lavinia P. Curecheriu, Maria T. Buscaglia, Vincenzo Buscaglia, Petronel Postolache, Liliana Mitoseriu, *From $Fe_2O_3@BaTiO_3$ core-shell particles to multifunctional composites*, Nanostructured Multifunctional Materials, 4-5 Noiembrie 2010, Iași, România

69. Lavinia P. Curecheriu, Vincenzo Buscaglia, Petronel Postolache, Adelina Ianculescu, Liliana Mitoseriu, Paolo Nanni, *Functional properties of multiferroic composites with core-shell structure related with microstructure characteristics*, Conferinta Diaspora in cercetarea stiintifica si invatamantul superior din Romania, Workshop: Materiale multifunctionale micro si nanostructurate: de la cercetare la aplicatii, 21-24 Septembrie 2010, București, România

70. Lavinia P. Curecheriu, Petronel Postolache, Alexandru Stancu, Liliana Mitoseriu, Vincenzo Buscaglia, *$Fe_2O_3@BaTiO_3$ core-shell particles as reactive templates for the multifunctional composites with different magnetic phases*, Joint MmdE-ROMSC, 7-8 Iunie 2010, Iași, România

71. Lavinia P. Curecheriu, Maria T. Buscaglia, Vincenzo Buscaglia, Petronel Postolache, Liliana Mitoseriu and Paolo Nanni, *Functional properties of multiferroic nanocomposites with core-shell structures*, The Eighth Students Meeting- Processing and Application of Ceramics, SM-2009, 2-5 Decembrie 2009, Novi Sad, Serbia

72. Liliana Mitoseriu, Lavinia Curecheriu, Cristina E. Ciomaga, Vincenzo Buscaglia, Carmen Galassi, Paolo Nanni, *Ferroelectric-magnetic composites with emergent electromagnetic properties*, Final Workshop of COST 539, 28-30 Octombrie 2009, Aveiro, Portugalia

73. Lavinia P. Curecheriu, Maria T. Buscaglia, Vincenzo Buscaglia, Adelina Ianculescu, Liliana Mitoseriu, Paolo Nanni, *In-situ preparation of multiferroic composite nanopowders with core-shell structures*, International Conference & Exhibition of European Ceramic Society, ECERS 21-25 Iunie 2009, Cracovia, Polonia

74. Lavinia P. Curecheriu, Maria T. Buscaglia, Vincenzo Buscaglia, Petronel Postolache, Alexandru Stancu, Adelina Ianculescu, Liliana Mitoseriu, Paolo Nanni, *In-situ preparation of multiferroic composite nanopowders with core-shell structures*, Trends in nanoscience: theory, experiment, technology, 23-29 August 2009 Sibiu, România

75. Lavinia P. Curecheriu, Maria T. Buscaglia, Vincenzo Buscaglia, Adelina Ianculescu, Petronel Postolache, Liliana Mitoseriu, Alexandru Stancu, Paolo Nanni, *In-situ preparation of multiferroic composite with core-shell structures*, IEEE Magnetics Society Chapter Romania Section, 6-9 Iunie, 2009 Iași, România

76. Raluca C.Frunză, Lavinia P. Curecheriu, Felicia Prihor, Liliana Mitoseriu, *Functional properties of PZT ceramics*, The International Conference of Physics Students, 6-13 August 2008 Cracovia, Polonia

77. Lavinia P. Curecheriu, Florin M. Tufescu, Liliana Mitoseriu, *Non-linear dielectric properties of ferroelectric ceramics*, 8th International Conference on Physics of Advanced Materials, 4-7 Iunie 2008 Iași, România

78. Lavinia P Curecheriu, Tunability in BaTiO₃- based solid solutions: modelling and experiment, VII Students' Meeting- Processing and application of ceramics, 6-8 Decembrie 2007 Novi Sad, Serbia