



ANEXA 1

FIȘA DE EVALUARE GENERALĂ A STANDARDELOR UNIVERSITĂȚII

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE
I. ACTIVITATEA DE CERCETARE (70%)	1. Articole științifice publicate <i>in extenso</i> în reviste cotate <i>Web of Science</i> cu factor de impact	(60 puncte x factor de impact + 25)/ număr autori 1582,16 puncte
	2. Articole științifice publicate <i>in extenso</i> în reviste indexate fără factor de impact	20 puncte/ număr autori 55,38 puncte
	3. Articole științifice publicate <i>in extenso</i> în reviste indexate BDI	15 puncte/ număr autori 9,25 puncte
	4. Articole științifice publicate <i>in extenso</i> în volumele conferințelor	Indexate ISI: 30 puncte/număr autori 0
		Indexate în BDI: 15 puncte/număr autori 0
		Alte categorii: 5 puncte/ număr autori 30,57 puncte
	5. Cărți științifice publicate (doar prima ediție)	edituri academice internaționale: 100 puncte la 100 pagini/număr autori 59 puncte
		alte edituri internaționale: 70 puncte la 100 pagini/număr autori 0
		edituri academice naționale: 50 puncte la 100 pagini/număr autori 0
		alte edituri naționale: 20 puncte la 100 pagini/număr autori 0
	6. Cărți științifice traduse și publicate în edituri din străinătate	100 puncte la 100 pagini/număr autori 0



	7. Coordonarea și editarea de volume, traduceri și antologii	edituri academice internaționale: 60 puncte la 100 pagini/număr autori
		0
		alte edituri internaționale: 40 puncte la 100 pagini/număr autori
		0
	8. Articole publicate în dicționare și enciclopedii	edituri academice naționale: 30 puncte la 100 pagini/număr autori
		0
		alte edituri naționale: 15 puncte la 100 pagini/număr autori
		0
	9. Contracte de cercetare științifică în instituții academice (universități, institute ale Academiei Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice)	edituri academice internaționale: 30 puncte la 100 pagini/număr autori
		0
		alte edituri internaționale: 20 puncte la 100 pagini/număr autori
		0
		edituri academice naționale: 15 puncte la 100 pagini/număr autori
		0
		alte edituri naționale: 5 puncte la 100 pagini/număr autori
		0
		contracte internaționale- director: 100 puncte pentru fiecare 100.000 euro
		0
		contracte internaționale- membru: 100 puncte pentru fiecare 100.000 euro/număr membrilor echipei de cercetare
		20 puncte
		contracte naționale- director: 50 puncte



		pentru fiecare 500.000 lei
		79,56 puncte
	10. Contracte de cercetare în mediul de afaceri și sectorul public	contracte naționale- membru: 50 puncte pentru fiecare 500.000 lei/număr membrilor echipei de cercetare
		73,04 puncte
		organizații internaționale: 100 puncte pentru fiecare 100.000 euro
		0
		Firme multinaționale: 100 puncte pentru fiecare 100.000 euro
		0
		Firme naționale: 50 puncte pentru fiecare 500.000 lei
		0
		Organizații administrative naționale: 40 puncte pentru fiecare 500.000 lei
		0
	11. Brevete	Alte organizații publice de nivel național: 30 puncte pentru fiecare 500.000 lei
		0
	12. Citări și recenzii ale lucrărilor științifice	internaționale: 100 puncte/număr autori
		0
		naționale: 30 puncte/număr autori
		18 puncte
		reviste de specialitate din străinătate: (10+ 20 x factor de impact) /număr autori, pentru fiecare citare
		4306 puncte
		reviste de specialitate din țară: (5+ 10 x factor de impact) /număr autori, pentru fiecare citare



		0
		monografii academice din străinătate: 50 puncte/număr autori, pentru fiecare citare
		0
	13. Lucrări susținute în calitate de invitat la manifestări științifice (conferințe, congrese, simpozioane, seminarii și ateliere de lucru)	monografii academice din străinătate: 50 puncte/număr autori, pentru fiecare citare
		0
		Străinătate: 25 puncte pentru fiecare activitate 150 puncte
	14. Profesor/cercetător invitat la universități/institute de cercetare	Țară: 10 puncte pentru fiecare activitate 50 puncte
		Străinătate: 25 puncte pentru fiecare activitate 425 puncte
		Țară: 10 puncte pentru fiecare activitate 0
	15. Editor/Membru în <i>Editorial Board & Advisory Board</i>	Reviste cotate Web of Science: editor, 30 puncte pentru fiecare revistă; membru, 20 puncte pentru fiecare revistă 0
		Reviste internaționale și alte reviste ale Universității: editor, 15 puncte pentru fiecare revistă; membru, 10 puncte 0
	16. Premii internaționale obținute printr-un proces de selecție	100/ categorie/număr persoane 70 puncte
	17. Premii ale Academiei Române	50/ categorie/număr persoane 0
	18. Alte premii naționale ale	20/ categorie/număr persoane



	instituțiilor culturale	108,33 puncte
	19. Participări la manifestări științifice	<p>Internaționale: președinte comitet organizare/consiliu științific, 25 puncte pentru fiecare activitate; membru comitet organizare/consiliu științific, 15 puncte pentru fiecare activitate; moderator de panel, 15 puncte pentru fiecare activitate; raportor pe secțiuni/paneluri, 10 puncte pentru fiecare activitate</p> <p>Comitet de organizare: 60 puncte</p> <p>Raportor pe secțiuni: 670 puncte</p> <p>naționale: președinte comitet organizare/consiliu științific, 15 puncte pentru fiecare activitate; membru comitet organizare/consiliu științific, 5 puncte pentru fiecare activitate; moderator de panel, 5 puncte pentru fiecare activitate; raportor pe secțiuni/paneluri, 2 puncte pentru fiecare activitate</p> <p>0</p>
II. ACTIVITATEA DIDACTICĂ (30%)	1. Tratare și manuale universitare	<p>30 puncte la 100 pagini/ număr de autori</p> <p>0</p>
	2. Proiecte didactice (înființare/dotare laboratoare licență, master, săli workshop, biblioteci proprii facultăților, departamentelor și laboratoarelor și grupurilor de cercetare)	<p>40 puncte pentru fiecare activitate</p> <p>1. Organizare punct de lucru pentru Masurari la tensiuni inalte (30kV): locatie temporară - sala Lab. Optoelectronică (dotare exclusiva din granturile de cercetare, an 2006: Laborator pentru studenti Master si Scoala doctorala): (a) masurari tunability (unic in tara, exista doua in Europa); (b) masurari histerezis feroelectric si P(E) (unic in tara, la tensiuni inalte)</p> <p>2. Organizare set experiente didactice</p>



		<p>RADIANT-EDU kit cu 5 puncte de lucru independente pentru experiențe de switching feroelectric și proprietăți dielectrice neliniare la filme; Locație: Laborator Fizica dielectricilor - Laboratoare pentru studenți Master și Școala doctorală)</p> <p>3. Cerc studentesc în domeniul Dielectrici, Feroelectrici și Multiferoici cu activitate certificabilă (2 premii la FTEM și participări anuale cu grupe diferite de studenți)</p> <p>4. Organizare laborator preparare materiale ceramice unifazice și compozite.</p> <p>160 puncte</p>
	3. Materiale suport curs, seminar, lucrări practice și programe analitice detaliate	<p>10 puncte pentru fiecare activitate</p> <p>Suport de curs: Transfer de tehnologie</p> <p>Suport de curs/laborator: Fizica și Tehnologia Mediilor Polarizabile (extensiune Bălți)</p> <p>Referate laborator pentru disciplina Fizica dielectricilor, Fizica și Tehnologia Mediilor Polarizabile și Dielectrici, Feroelectrici și Multiferoici</p> <p>Seminarii și referate de laborator: Elemente de electricitate și magnetism- Master Științe</p> <p>40 puncte</p>
	4. Organizare de aplicații și practică de specialitate	<p>5 puncte pentru fiecare activitate</p> <p>Coordonare activități -Practică de specialitate pentru studenții de anii I-III Iași și Extensiune Bălți (5 studenți de la fiecare an de studiu) în 2015, 2016 și</p>



		<p>2017</p> <p>Coordonator de practică în stagii ERASMUS-PLACEMENT la IENI-CNR începând cu 2009:</p> <ul style="list-style-type: none">- 2009 Frunză Raluca și Ciuchi Ioana- 2011 Miha Denisa și Padurariu Cipriana- 2014 Ana Maria Hanganu și Oana Condurache- 2015 Oana Condurache și Vlad Preutu- 2016 Oana Condurache <p>Membru Comisii de îndrumare Școala Doctorală:</p> <p>2009-2012- dr. Nadejda Horchidan 2010-2013 – dr. Zina Mocanu 2011-2014 – dr. Leontin Padurariu 2011-2015 – dr. Mihai Pop 2012-2015 – dr. Roxana Stanculescu 2013-2017 – dr. Ioan Veronica Ciuchi 2014- prezent- drd. Cipriana Padurariu 2015- prezent – drd. Alexandra Guzu 2016-prezent – drd. Ina Turcan 2017-prezent – drd. Alexandru Lukacs</p> <p>90 puncte</p>
Total	I . ACTIVITATEA DE CERCETARE * 0.70 + II. ACTIVITATEA DIDACTICĂ* 0.30	7766.29 * 0.7 + 290* 0.3=5523.20 puncte

**Tabele de calcul****I. ACTIVITATEA DE CERCETARE**

1.1 . Articole științifice publicate *in extenso* în reviste cotate *Web of Science* cu factor de impact

Articol	Nr. autori	Factor de impact	Punctaj
Mirela Airimioaei, Maria Teresa Buscaglia, Ilarie Tredici, Umberto Anselmi-Tamburini, Cristina Elena Ciomaga, Lavinia Curecheriu, Andreja Bencan, Vincenzo Buscaglia, Liliana Mitoseriu, BaTiO ₃ -SrTiO ₃ nanocomposites with temperature independent permittivity and linear tunability fabricated by field-assisted sintering from chemically synthesized powders, Journal of Materials Chemistry C	9	5.256	37.82
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 ₃ composite ceramics by core-shell approach, Journal of Applied Physics, 121, 14, 144101 (2017)	8	2.068	18.64
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)	7	2.986	29.17
Oana Condurache, Ina Turcan, Lavinia Curecheriu, Cristina Ciomaga, Petronel Postolache, Gabriela Ciobanu, Liliana Mitoseriu, Towards novel functional properties by interface reaction in mixtures of BaTiO ₃ -Fe ₂ O ₃ composite ceramics, Ceramics International, 43, 1098-1105 (2017)	7	2.986	29.17
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 ₃ ceramics, Journal of the American Ceramic Society, 100, 2, 647-658 (2017)	8	2.841	24.43
<u>Lavinia Curecheriu</u> , Cristina Ciomaga, Valentina Musteata, Giovanna Canu, Vincenzo Buscaglia, Liliana Mitoseriu, Diffuse phase transition and high electric field properties of BaCe _y Ti _{1-y} O ₃ relaxor ferroelectric ceramics, Ceramics International, 42, 11085-11092 (2016)	6	2.986	34.03
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)	6	2.084	25.01
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	3	5.301	114.35



Materialia 103, 724-734 (2016)			
A. Sakanas, R. Grigalaitis, J. Banys, L. Curecheriu, L. Mitoseriu, V. Buscaglia, Microstructural influence on the broadband dielectric properties of BaTiO ₃ -Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ core-shell composites: Experiment and modeling, J. Appl. Phys, 118, 174106 (2015)	6	2.101	25.18
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)	10	2.383	16.80
Felicia Gheorghiu, Lavinia Curecheriu, Isabelle Lisiecki, Patricia Beaunier, Simona Feraru, Mircea Palamaru, Valentina Musteata, Nicoleta Lupu, Liliana Mitoseriu, Functional properties of Sm ₂ NiMnO ₆ multiferroic ceramics prepared by spark plasma sintering, J Alloys & Comp 649, 151-158 (2015)	9	3.014	22.87
Lavinia-Petronela Curecheriu, Mirjana M Vijatovic Petrovic, Jelena D. Bobic, B.D. Stojanovic, Nonlinear properties of antimony-doped BaTiO ₃ ceramics, Appl. Phys.A , 119, 681-686 (2015)	4	1.444	27.91
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)	6	3.85	42.67
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)	6	3.515	39.32
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})O ₃ ceramics for tailoring dielectric and tunability properties, Journal of Applied Physics, 116, 164110 (2014)	9	2.185	17.34
Lavinia Curecheriu, Petronel Postolache, Maria Teresa Buscaglia, Vincenzo Buscaglia, Adelina Ianculescu, Liliana Mitoseriu, Novel magnetoelectric ceramic composites by control of the interface reactions in Fe ₂ O ₃ @BaTiO ₃ core-shell structures, Journal of Applied Physics, 116, 084102 (2014)	6	2.185	26.02
Alexandra Neagu, Lavinia Curecheriu, Ana Cazacu, Liliana Mitoseriu, Impedance analysis and tunability of BaTiO ₃ -chitosan composites:towards active dielectrics for flexible electronics, Composites:Part B, 66, 109-116 (2014)	4	2.602	45.28



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)	9	2.305	18.14
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)	7	2.428	24.38
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)	7	3.515	33.70
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)	5	1.123	18.48
Felicia Gheorghiu, Lavinia Curecheriu, Adelina Ianculescu, Mihai Calugaru, Liliana Mitoseriu, Tunable dielectric characteristics of Mn-doped BiFeO_3 multiferroic ceramics, Scripta Materialia 68, 305-308 (2013)	5	2.968	40.62
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)	10	2.086	15.02
Lavinia Curecheriu, Petronel Postolache, Vincenzo Buscaglia, Nadejda Horchidan, Marin Alexe, Liliana Mitoseriu, BaTiO_3 -ferrite composites with magnetocapacitance and hard/soft magnetic properties, Phase Transition, 86, 7, 670-680 (2013)	6	1.044	14.61
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_3 ceramics by impedance spectroscopy and Raman study, Phase Transition, 86, 7, 703-714 (2013)	11	1.044	7.97
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 $\text{Ba}_{12}\text{Fe}_{28}\text{Ti}_{15}\text{O}_{84}$, Phase Transition, 86, 7, 661-669 (2013)	10	1.044	8.76
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)	4	0.402	12.28



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)	4	3.767	62.76
Leontin Padurariu, <u>Lavinia Petronela Curecheriu</u> , Carmen Galassi, Liliana Mitoseriu, Tailoring non-linear dielectric properties by local field engineering in anisotropic porous ferroelectric structures, Applied Physics Letters 100, 252905 (2012)	4	3.794	63.16
Lavinia Petronela Curecheriu, Sorin-Bogdan Balmus, Maria Teresa Buscaglia, Vincenzo Buscaglia, Adelina Ianculescu and Liliana Mitoseriu, Grain-size dependent properties of dense nanocrystalline barium titanate ceramics, Journal of American Ceramic Society, 95, 3912-3921 (2012)	6	2.107	25.24
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 BaSn _x Ti _{1-x} O ₃ ceramics, Journal of Applied Physics, 111, 084102 (2012)	7	2.201	22.44
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 BaTi _{1-x} ZrxO ₃ ceramics prepared by the modified Pechini method, Journal of the European Ceramic Society, 32 (13), 3551-3566 (2012)	10	2.36	16.66
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)	4	1.395	27.18
Lavinia Curecheriu, Felicia Gheorghiu, Adelina Ianculescu, Liliana Mitoseriu, Non-linear dielectric properties of BiFeO ₃ ceramics, Applied Physics Letters, 99, 172904 (2011)	4	3.844	63.91
. 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 Ba ₁₂ Fe ₂₈ Ti ₁₅ O ₈₄ layered ferrite, Journal of Physics D: Applied Physics 44, 435002 (2011)	12	2.544	14.80
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)	6	2.289	27.06
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)	6	0.771	11.88



Lavinia P. Curecheriu, Adelina C. Ianculescu, Nadejda Horchidan, Stefania Stoleriu, Florin Tudorache, Sorin Tascu, Liliana Mitoseriu, Temperature dependence of tunability of Ba(SnxTi1-x)O3 ceramics, Journal of Applied Physics 109, 084103 (2011)	7	2.168	22.15
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)	10	2.289	16.23
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)	5	3.82	50.84
Adelina Ianculescu, Maria M. Carnasciali, Lavinia Curecheriu, Liliana Mitoseriu, Raman investigation and functional characterisation of (Pb0.8La0.2)(Mg0.4Nb0.6)O3 ceramics prepared by the columbite method, Journal of Alloys and Compounds, 391-395, 508 (2010)	4	2.134	38.26
Maria T. Buscaglia, Vincenzo Buscaglia, Lavinia P. Curecheriu, Petronel Postolache, Liliana Mitoseriu, Adelina Ianculescu, Bogdan Vasile, Zhao Zhe, Paolo Nanni, Fe2O3@BaTiO3 core-shell particles as reactive precursors for the preparation of multifunctional composites containing different magnetic phases, Chem.Mater. 22, 4740-4748 (2010)	9	6.397	45.42
Lavinia P. Curecheriu, Maria T. Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, Petronel Postolache, Adelina Ianculescu, Paolo Nanni, Functional properties of BaTiO3 – Ni0.5Zn0.5Fe2O4 magnetoelectric ceramics prepared from powders with core-shell structure, Journal of Applied Physics, 107, 104106 (2010)	7	2.064	21.26
Lavinia P. Curecheriu, Adelina Ianculescu, Liliana Mitoseriu, Tunability properties in the paraelectric state of the Pb(Mg1/3 Nb2/3)O3 ceramics, Journal of the European Ceramic Society, 30, 599-603 (2010)	3	2.574	59.81
Lavinia P. Curecheriu, Liliana Mitoseriu, Adelina Ianculescu, Nonlinear dielectric properties of Ba1-x Srx TiO3 ceramics, Journal of Alloys and Compounds, 482, 1-4 (2009)	3	2.135	51.03
Lavinia P. Curecheriu, Liliana Mitoseriu, Adelina Ianculescu, Tunability properties of the Pb(Mg1/3 Nb2/3)O3 relaxors and theoretical description, Journal of Alloys and Compounds, 485, 1-5 (2009)	3	2.135	51.03
Lavinia P. Curecheriu, Cristina E. Ciomaga, Liliana Mitoseriu, Temperature-dependent tunability in the paraelectric state of BaTiO3 – based solid solutions, Ferroelectrics, 391, 83-90 (2009)	3	0.447	17.27
Felicia Prihor, Adelina Ianculescu, Liliana Mitoseriu, Petronel Postolache, Lavinia Curecheriu, Nicolae Dragan, Dorin Crisan, Functional properties of the (1-x)BiFeO3 - xBaTiO3, Ferroelectrics, 391, 76-82 (2009)	7	0.447	7.40



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)	4	1.595	30.18
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)	5	0.562	11.74
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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)	6	0.279	6.96
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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)	5	4.00
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)	4	5.00
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Articol	Nr. autori	Punctaj
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E. Foca-Nici, L. Curecheriu, G. Stoian, D. Creanga, Fl. Tufescu, Al. Vlahovici, Biological effects of chronic and acute microwave irradiation in some animal tissues, <i>Analele Universitatii de Vest Timisoara</i> , 46, 152-157 (2005)	6	2.5
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Articol	Nr. autori	Punctaj
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<u>Lavinia Curecheriu</u> , Laura Ailioaie, Dinamic Modeling of the Synaptic Transmission, Revista Științifică “V. Adamachi”, vol XII, nr. 1-4, pag. 112-115 (2004)	2	2.50
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<u>Lavinia Curecheriu</u> , 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)	8	0.63
		30.57



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1. “Nanoscale Ferroelectrics and Multiferroics: Key Processing and Characterization Issues, and Nanoscale Effects” Editate, Wiley & Sons (2016)

Cap. I Incorporation mechanism and functional properties of Ce-doped BaTiO₃ ceramics derived from nanopowders prepared

by modified Pechini method, A. C. Ianculescu, D.C. Berger, C.A. Vasilescu, M. Olariu, B.S. Vasile, L.P. Curecheriu, A. Gajovic, R. Trusca, p. 13-44

Cap. XV. Nanostructured barium titanates ceramics: intrinsic versus extrinsic effects L. Mitoseriu, L. Curecheriu p. 473-501

9. Contracte de cercetare științifică în instituții academice (universități, institute ale Academiei Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice)

- Internaționale- membru:
COST MP0904 SIMUFER 2010-2014
COST To-Be 1304 2014-2018

- Naționale: director

1. Bursa L'Oreal-UNESCO For Women in Science 2017

Engineered polymeric composites for flexible electronics
suma finantata 42.000 RON

2. Grant intern: GI-2014-03

Studiul proprietăților neliniare în sisteme relaxoare fără plumb
suma finantata 20.000 RON

3. tip PNII-RU-TE-2012-3-0150, contract nr. 24/26.04.2013

Investigation of the mesoscopic polar order and size effects in driving polarization mechanisms of tunability in perovskites
suma finantata: 645.833 RON

4. PNII-RU-TD-2007-212, contract nr. 426/1.10.2007

Contributii la studiul unor fenomene neliniare in feroelectricii ceramici
suma decontata: 39.794 RON

5. BD 72/2007

Contributii la studiul unor fenomene neliniare in feroelectricii ceramici
suma decontata: 48.000 RON



-naționale- membru

Proiect	Suma	Nr. membri	Punctaj
PN-III-P4-ID-PCE-2016-0817 (dir. Prof.univ. Liliana Mitoseriu)- Fundamental insights on scale-dependent phenomena in barium titanate-based ferroelectrics: critical grain size and effect of nanostructuring (FerroScale) 2017-2019	775700	8	9.70
PN-II-ID-PCE-2011-3-0745 (dir. proiect prof.dr. Liliana Mitoseriu) -Design de material, preparare, proprietati si modelare de structuri multifunctionale oxidice pentru microelectronica si noi aplicatii in stocare de energie (MULTIFOX), 2011-2016	1500000	7	21.43
PN-II-PT-PCCA-2013-4-1119 (dir. proiect prof. dr. Liliana Mitoseriu)- Magnetolectric composites with emergent properties for wireless and sensing applications (MECOMAP), 2014-2016	431250	12	3.59
PNII-PCCE-2-2011-0006 (dir.proiect CS I dr. Lucian Pintilie)- Efectul interfetelor asupra transportului de sarcina in heterostructuri feroice/multiferoice”, 2012-2016	490000	6	8.17
PN-II-RU-TE-2014-4-1494 (dir. dr. Leontin Padurariu)- "Exploatarea porozitatii in materiale feroelectrice prin controlul câmpului local pentru îmbunătățirea proprietăților funcționale (EXPOFER)" 2015-2017	550000	8	6.88
PN-II-ID-PCE-2011-3-0668 (dir proiect prof.dr. Adelina Ianculescu)-Size effects, formation mechanisms and properties in micro- and nanostructured perovskite ferroic systems prepared by alternative methods	1500000	9	16.67
PN II –RU TE 187 (Dir. proiect: Dr. Cristina Ciomaga) - Investigarea efectelor de volum, interfață și de percolație în materialele compozite multifuncționale cu geometrie controlată și metamateriale (IMECOMP), 2010-2013	502543	4	12.56
CEEX-FEROCER (Dir. proiect: prof.dr. Adelina Ianculescu) Dezvoltarea integrata de noi concepte si tehnologii in sinteza, caracterizarea modelarea si aplicatii ale ceramicilor micro- si nanostructurate, 2006-2008	375000	10	3.75
			73.04

11. Brevete



Brevete naționale	Nr. autori	Punctaj
A.C. Ianculescu, L. Mitoseriu, L.P. Curecheriu, F.M. Tufescu, F. Tufescu, Procedeu de obtinere a unui material ceramic de tip BST, nr. 125528/28.12.2012	5	6
A.C. Ianculescu, L. Mitoseriu, L.P. Curecheriu, F.M. Tufescu, F. Tufescu, Metoda de masurare a tunabilitatii pentru materialele ceramice, nr. 125567/30.05.2011	5	6
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12. Citări și recenzii ale lucrărilor științifice

Lucrarea	Citata de:	Nr. Autori	IF	Punctaj
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	Liu, Shujuan; Zhang, Lixue; Wang, Jiping; et al, Abnormal Curie temperature behavior and enhanced strain property by controlling substitution site of Ce ions in BaTiO ₃ ceramics, CERAMICS INTERNATIONAL Volume: 43 Issue: 14 Pages: 10683-10690 Published: OCT 1 2017		2.986	11.620
	Srikanth, K. S.; Vaish, Rahul, Enhanced electrocaloric, pyroelectric and energy storage performance of BaCe _x Ti _{1-x} O ₃ ceramics, JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 37 Issue: 13 Pages: 3927-3933 Published: OCT 2017		3.454	13.180



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	Wang, Yan; Li, Zhuo; Hu, Dengwei; et al., Synthesis of fine-grain Ba _{0.96} La _{0.04} TiO ₃ dielectric ceramics by different routes for multilayer ceramic capacitors, CERAMICS INTERNATIONAL Volume: 43 Issue: 17 Pages: 15115-15121 Published: DEC 1 2017		2.986	6.972
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	Horchidan N, Ianculescu A.C., Vasilescu C.A, Deluca M., Musteata V, Ursic H, Frunza R, Malic B, Mitoseriu L, Multiscale study of ferroelectric-relaxor crossover in BaSn _x Ti _{1-x} O ₃ ceramics, J. Eur. Ceram. Soc., 34, 15, 3661-3674 (2014)		2.947	11.490
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	Khirade, Pankaj P.; Birajdar, Shankar D.; Shinde, A. B.; et al., Room temperature ferromagnetism and photoluminescence of multifunctional Fe doped BaZrO_3 nanoceramics, JOURNAL OF ALLOYS AND COMPOUNDS Volume: 691 Pages: 287-298 Published: JAN 15 2017		3.133	14.532
	Stanculescu, Roxana E.; Ciomaga, Cristina E.; Horchidan, Nadejda; et al. The influence of post-sintering re-oxidation treatment on dielectric response of dense and porous $\text{Ba}_{0.70}\text{Sr}_{0.30}\text{TiO}_3$ ceramics CERAMICS INTERNATIONAL 42 Issue: 1 Pages: 527-536 Part: A Published: JAN 2016		2.986	13.944
	Stanculescu, Roxana; Ciomaga, Cristina E.; Padurariu, Leontin; et al. Study of the role of porosity on the functional properties of $(\text{Ba},\text{Sr})\text{TiO}_3$ ceramics JOURNAL OF ALLOYS AND COMPOUNDS 643 Pages: 79-87 Published: SEP 15 2015		2.999	13.996
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13. Lucrări susținute în calitate de invitat la manifestări științifice (conferințe, congrese, simpozioane, seminarii și ateliere de lucru)
- străinătate

1	<u>Lavinia Curecheriu</u> , 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, <u>Lavinia Curecheriu</u> , Liliana Mitoseriu, Nanostructured ferroelectric and dielectric ceramics. Processing and properties, Electroceramics XV, 27-29 Iunie 2016, Limoges, France
3	<u>Lavinia Curecheriu</u> , Maria Teresa Buscaglia, Vincenzo Buscaglia, Petronel Postolache, Alexandru Stancu and Liliana Mitoseriu, <i>New functional properties driven by nanoscale interface reactions in magnetoelectric ceramics produced from core-shell Fe_2O_3 and $BaTiO_3$ powders</i> , E-MRS Fall meeting, 19-23 Septembrie 2011, Varșovia, Polonia
4	<u>Lavinia Curecheriu</u> , Maria Teresa Buscaglia, Vincenzo Buscaglia, Zhe Zhao, Liliana Mitoseriu, <i>Grain size effect on the nonlinear dielectric properties of barium titanate ceramics</i> , 12th European Meeting of Ferroelectricity, 26 Iunie-2 Iulie 2011 Bordeaux, Franta
5	Maria Teresa Buscaglia, Vincenzo Buscaglia, Alessio Bassano, <u>Lavinia Petronela Curecheriu</u> , Liliana Mitoseriu, Paolo Nanni, <i>Preparation of core-shell perovskite structure with restricted geometries by soft chemistry methods</i> , First FP7 Workshop-“ Nanostructured ceramics and nanocomposites- Challenges and perspectives”, 3-6 Decembrie 2009, Novi Sad, Serbia
6	<u>Lavinia Petronela Curecheriu</u> , Maria Teresa Buscaglia, Vincenzo Buscaglia, Adelina Ianculescu, Petronel Postolache, Liliana Mitoseriu, Paolo Nanni, <i>In-situ preparation of multiferroic composite with core-shell structure</i> , 6th Workshop "Advanced Functional Characterization of Nanostructured Materials", 24 - 25 Februarie 2009 Madrid, Spania

-naționale

1	Leontin Padurariu, <u>Lavinia Curecheriu</u> , Vincenzo Buscaglia, Carmen Galassi, Liliana Mitoseriu, <i>Local field engineering for tailoring electrical properties in ferroelectric-based composites</i> , ROCAM 2015, 7-10 Iulie 2015, București, România
2	Leontin Padurariu, <u>Lavinia Curecheriu</u> , Cristina Ciomaga, Liliana Mitoseriu, <i>Tayloring properties in ferroelectric-based composites by local field engineering</i> , 7th International Workshop on Amorphous and Nanostructured Magnetic Materials ANMM'2015, 21-24 Septembrie 2015, Iași, România
3	Adelina C. Ianculescu, Catalina A. Vasilescu, Marco Deluca, Daniela C. Berger, Cristina E. Ciomaga, <u>Lavinia P. Curecheriu</u> , Andreja Gajovic, Liliana Mitoseriu, Carmen Galassi, Composition-dependent properties of $BaTi_{1-x}Zr_xO_3$ 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
4	Liliana Mitoseriu, <u>Lavinia Curecheriu</u> , Maria Teresa Buscaglia, Vincenzo Buscaglia, Alexandru Stancu, <i>New functional properties driven by nanoscale reactions in magnetoelectric composites</i> , The 7th International Conference on Advanced Materials, 28-31 August 2012, Brașov, România
5	Liliana Mitoseriu, <u>Lavinia Curecheriu</u> , Felicia Prihor, Vincenzo Buscaglia, Paolo Nanni, <i>In-situ preparation of ferroelectric-magnetic nanocomposites with multiferroic magnetoelectric properties</i> , International Conference on Fundamental and Applied Research in Physics FARPhys, 23-24 Octombrie 2008 Iași, România



14. Profesor/cercetător invitat la universități/institute de cercetare

1	Stagiu de cercetare în cadrul proiectului PN-III-P4-ID-PCE-2016-0817 la ICMATE-CNR, Genova, Italia – 2 săptămâni (Septembrie 2017)
2	Stagiu de cercetare în cadrul bursei L'Oreal-UNESCO la ICMATE-CNR și ISMAC-CNR, Genova, Italia – 3 săptămâni (Iulie-August 2017)
3	Stagiu de cercetare STSM COST MP1308 la ICMATE-CNR, Genova, Italia – 3 săptămâni (Noiembrie-Decembrie 2016)
4	Stagiu de cercetare STSM IC1208 la ICMATE-CNR, Genova, Italia – 5 săptămâni (Iulie-August 2016)
5	Stagiu de cercetare GI-2014-3 la Institute of Energetics and interphases IENI-CNR Genova, Italia – 2 săptămâni (Ianuarie 2016)
6	Stagiu de cercetare GI-2014-3 la Institute of Energetics and interphases IENI-CNR Genova, Italia – 2 săptămâni (15-30 August 2015)
7	Stagiu de cercetare STSM COST IC1208 at Institute of Energetics and interphases IENI-CNR Genova, Italia - 1 lună (Iulie-August 2015)
8	Stagiu de cercetare GI-2014-3 la Institute of Energetics and interphases IENI-CNR Genova, Italia - 2 săptămâni (Ianuarie-Februarie 2015)
9	Stagiu de cercetare PN II-RU-TE-2012-3-0150 la Institute of Energetics and interphases IENI-CNR Genova, Italia - 2 săptămâni (Noiembrie 2014)
10	Stagiu de cercetare în cadrul proiectului bilateral Romania-Italia la Institute of Energetics and interphases IENI-CNR Genova, Italia – 1 lună (iulie-august 2014)
11	Stagiu de cercetare în cadrul proiectului bilateral Romania-Italia la Institute of Energetics and interphases IENI-CNR Genova, Italia – 1 lună (noiembrie 2013)
12	Stagiu de cercetare POSDRU/89/1.5/S/49944 la Institute of Energetics and interphases IENI-CNR Genova, Italia – 2 luni (iulie-septembrie 2011)
13	Stagiu de cercetare STSM COST MP0409 la University College Dublin, Irlanda – 2 săptămâni (Mai 2011)
14	Bursa Guvernului României la Institute of Energetics and interphases IENI-CNR Genova, Italia – 6 luni (octombrie-decembrie 2008, februarie-mai 2009)
15	Stagiu de cercetare STSM COST 539, la Instituto de Ciencia de Materiales de Madrid ICMM-CSIC, Madrid, Spania – 2 săptămâni (Mai 2009)
16	Stagiu de cercetare STSM COST 539, la Institute of Energetics and interphases IENI-CNR Genova, Italia – 6 săptămâni (Aprilie-Mai 2008)
17	Bursă ERASMUS la Institut National Polytechnique de Toulouse-ENSEEIH, Toulouse, Franța - 4 luni (Martie-Iunie 2005)

16. Premii internaționale obținute printr-un proces de selecție

	Nr. autori	Punctaj
L. Padurariu, L. Curecheriu, V. Buscaglia, L. Mitoseriu, Modeling the size effects on the dielectric properties in nanostructured ferroelectric ceramics, Best oral presentation at Cost MP0904 Showcase organized at Electroceramics XIV, Bucuresti, Romania, 16-20Iunie 2014	4	25



L. Padurariu, L. Curecheriu, V. Buscaglia, L. Mitoseriu, Permittivity vs. field dependence in nanostructured ferroelectric ceramics: the role of grain size, Best poster presentation at COST MP0904 Training School Meeting, Genova, 12-13 Martie 2012	4	25
F. Prihor, A. Ianculescu, P. Postolache, L. Curecheriu, L. Mitoseriu, Functional properties of the $(1-x)\text{BiFeO}_3 - x\text{BaTiO}_3$ solid solutions (Premiu Hamamatsu), obținut la ECAPD, Roma, Italia, august 2009	5	20
		70

18. Alte premii naționale ale instituțiilor culturale

	Nr. autori	Punctaj
Premiul III la competiția L'Oreal-UNESCO – Pentru Femeile din Știință secțiunea Științe Fizice în 2016	1	20.00
Premiul III la concursul național "Tineri cercetători în Știință și inginerie" in 2015	1	20.00
Premiul "IUVENTAS SCIENTIAES" acordat de Universitatea Alexandru Ioan Cuza din Iași, pentru rezultatele obținute în cercetare în anul academic 2014-2015	1	20.00
Premiu de Excelență a centrului de cercetare CARPATH pentru anul 2010 pentru lucrarea “Functional properties of BaTiO_3 - $\text{Ni}_0.5\text{Zn}_0.5\text{Fe}_2\text{O}_4$ ceramics prepared from powders with core-shell structure”, Journal of Applied Physics	1	20.00
Premiul I Selectia nationala pentru Student Contest la 11th International Conference and Exhibition of the European Ceramic Society, acordat de Societatea Romana de ceramică, aprilie 2009 pentru lucrarea - In situ preparation of multiferroic composite nanopowders and ceramics with core-shell structures- L. P. Curecheriu	1	20.00
Premiul II la Conferința Națională “Fizică și Tehnologiile Educaționale Moderne”, Iași, given by Univ. “Al. I. Cuza”, Faculty of Physics, 2008, Piezoelectric resonance effects on the complex permittivity in PZT(48/52) relaxor ceramics, F.C. Dascalu, C.I. Axinte, A. Lazar, L. Curecheriu, A. Ianculescu, L. Mitoseriu	6	3.33
Premiul II la Conferința Națională “Fizică și Tehnologiile Educaționale Moderne”, Iași, given by Univ. “Al. I. Cuza”, Faculty of Physics, 2007, Investigation of the LCR circuit response containing ferroelectric capacitor, R.C. Frunza, C.E. Ciomaga, L.P. Curecheriu, L.Mitoseriu	4	5.00
		108.33

19. Participări la manifestări științifice

Comitet de organizare

1	First Joint Working Groups Workshop of the COST MP0904 Action Workshop in Edinburgh (12-13th August 2010).
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2	Satellite event of the European Meeting on Ferroelectricity EMF 2011- “On the processing and properties of nanostructured single- and multiphase ferroics and multiferroics: Strengths, needs and joint initiatives” 30 iunie-1 iulie 2011
3	Joint Conference COST MPO904 Action „Single-and multiphase ferroics and multiferroics with restricted geometries” 8th & the 9th Edition IEEE-ROMSC 2012 24-26 septembrie 2012
4	Electroceramics XIV, 21-26 iunie 2014, Bucuresti, România

- Raportor pe secțiuni

1	Oana-Andreea Condurache, Vlad Preutu, Chiara Costa, <u>Lavinia Curecheriu</u> , Liliana Mitoseriu, Vincenzo Buscaglia, <i>Dielectric and structural characterization of ferroelectric-relaxor crossover in $Eu_{0.01}Ba_{0.99}Ti_{1-0.0025-x}Zr_xO_3$ ceramics</i> , 12th Conference for Young Scientists in Ceramics, CYSC-2017, 18-21 Octombrie, 2017, Novi Sad, Serbia
2	Ina Turcan, Vlad A. Lukacs, <u>Lavinia Curecheriu</u> , Cristina Ciomaga, Petronel Postolache, Liliana Mitoseriu, S. Balciunas, Juras Banys, <i>Novel functional properties of $BaTiO_3$-ferrite magnetoelectric composites</i> , 12th Conference for Young Scientists in Ceramics, CYSC-2017, 18-21 Octombrie, 2017, Novi Sad, Serbia
3	<u>Lavinia P Curecheriu</u> , Cipriana Padurariu, Leontin Padurariu, Roxana Stanculescu, Cristina Ciomaga, Liliana Mitoseriu, <i>Effect of porosity on the dielectric and dc-tunability properties of $BaTiO_3$ ceramics</i> , 11th International Conference, PROCESSES IN ISOTOPES AND MOLECULES, PIM 2017, 27-29 Septembrie, 2017, Cluj-Napoca, România
4	Lavinia P. Curecheriu, Cipriana Padurariu, Leontin Padurariu, Roxana Stanculescu, Nadejda Horchidan, Cristina Ciomaga, Liliana Mitoseriu, <i>Effect of porosity on the dielectric, switching and DC-tunability properties of $BaTiO_3$ ceramics</i> , 15th Conference & Exhibition of the European Ceramic Society, ECerS2017, 9–13 Iulie, 2017, Budapesta, Ungaria
5	Giovanna Canu, Maria Teresa Buscaglia, Giorgia Confalonieri, Monica Dapiaggi, <u>Lavinia Curecheriu</u> , Oana Condurache, Marco Holzer, Marco Deluca, Liliana Mitoseriu, Vincenzo Buscaglia, <i>Phase transitions and polar order in $BaCe_xTi_{1-x}O_3$ ($x = 0.02 - 0.30$) ceramics</i> , 15th Conference & Exhibition of the European Ceramic Society, ECerS2017, 9–13 Iulie, 2017, Budapesta, Ungaria
6	<u>Lavinia Petronela Curecheriu</u> , Cipriana Padurariu, Cristina Ciomaga, Leontin Padurariu, Roxana Stanculescu, Nadejda Horchidan, Liliana Mitoseriu, <i>Effect of porosity on nonlinear dielectric properties of $BaTiO_3$ porous ceramics</i> , Joint 9th Management Committee Meeting and Meeting of working groups WG1-WG4, 16-17 Martie 2017, Luxembourg, Luxembourg
7	<u>Lavinia-Petronela Curecheriu</u> , Maria Teresa Buscaglia, Leontin Padurariu, Mihai Asandulesa, Vincenzo Buscaglia, Liliana Mitoseriu, <i>Preparation of $(Ba,Ca)(Zr,Ti)O_3$ based composite ceramics with different grain size</i> , Joint 8th Management Committee Meeting and Meeting of working groups WG1-WG4, 8-9 Septembrie 2016, Varşovia, Polonia
8	Leontin Padurariu, <u>Lavinia Curecheriu</u> , Roxana Stanculescu, Cristina Ciomaga, Cipriana Padurariu, Carmen Galassi, Liliana Mitoseriu, <i>Modeling of the dielectric properties of porous ferroelectric structures</i> , Joint 8th Management Committee Meeting and Meeting of working groups WG1-WG4, 8-9 Septembrie 2016, Varşovia, Polonia
9	<u>Lavinia Curecheriu</u> , Cipriana Padurariu, Leontin Padurariu, Liliana Mitoseriu, Exploiting porosity for designing tunable materials, Joint IEEE ISAF-ECAPD-PFM, 21-25 August 2016, Darmstadt, Germania
10	Giovanna Canu, Maria Teresa Buscaglia, G. Confalonieri, Monica Dapiaggi, <u>Lavinia Curecheriu</u> , Oana Condurache, Marco Deluca, Liliana Mitoseriu, Vincenzo Buscaglia, <i>Phase transition and crystal structure in the $BaCe_xTi_{1-x}O_3$ system</i> , Electroceramics XV, 27-29 Iunie, 2016, Limoges, France



11	<u>Lavinia Curecheriu</u> , Leontin Padurariu, Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, <i>Effect of porosity on ferroelectric-relaxor crossover in BaTiO₃- based ceramics</i> , Electroceramics XV, 27-29 Iunie, 2016, Limoges, France
12	<u>Lavinia Curecheriu</u> , Maria Teresa Buscaglia, Vincenzo Buscaglia, Giovanna Canu, Liliana Mitoseriu, <i>Preparation and functional properties of Ba_{0.85}Ca_{0.15}Zr_{0.10}Ti_{0.90}O₃ ceramics with different grain size</i> , Electroceramics XV, 27-29 Iunie, 2016, Limoges, France
13	Oana Condurache, Ana -Maria Hanganu, <u>Lavinia Curecheriu</u> , Giovanna Canu, Liliana Mitoseriu, <i>Study of ferroelectric-relaxor BaCe_xTi_{1-x}O₃ ceramics</i> , 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
14	Leontin Padurariu, <u>Lavinia Curecheriu</u> , Liliana Mitoseriu, <i>Local field engineering for designed tunable ferroelectric-based composites</i> , 6th management Committee Meeting COST Action 1208 (MCM6), Meetings of the working groups WG1-WG4 3-4 Septembrie, 2015, Budapesta, Ungaria
15	Maria Teresa Buscaglia, Vincenzo Buscaglia, <u>Lavinia Petronela Curecheriu</u> , Liliana Mitoseriu, <i>Preparation and characterisation of Ba_{0.85}Ca_{0.15}Zr_{0.10}Ti_{0.90}O₃ ceramics with different grain size</i> , 6th management Committee Meeting COST Action 1208 (MCM6), Meetings of the working groups WG1-WG4 3-4 Septembrie, 2015, Budapesta, Ungaria
16	Mirela Airimioaei, Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, Cristina Elena Ciomaga, <u>Lavinia Petronela Curecheriu</u> , <i>Investigation of multifunctional composites prepared by using SrTiO₃@BaTiO₃ core-shell particles as reactive precursors</i> , ROCAM 2015, 7-10 Iulie 2015, București, România
17	Leontin Padurariu, <u>Lavinia Curecheriu</u> , Vincenzo Buscaglia, Liliana Mitoseriu, <i>Modeling the size effects on the nonlinear dielectric properties in nanostructures ferroelectric ceramics</i> , ROCAM 2015, 7-10 Iulie 2015, București, România
18	Cristina Elena Ciomaga, Leontin Padurariu, <u>Lavinia Petronela Curecheriu</u> , Isabelle Lisiecki, Marco Deluca, Carmen Galassi, Liliana Mitoseriu, <i>Using multi-walled carbon nanotubes in spark plasma sintered ferroelectric ceramics for tailoring dielectric and tunability properties</i> , ROCAM 2015, 7-10 Iulie 2015, București, România
19	<u>Lavinia P. Curecheriu</u> , Petronel Postolache, Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, Alexandru Stancu, <i>Using FORC method for detection magnetic components in Fe₂O₃@BaTiO₃ composites with core-shell structure</i> , 10th International Symposium on Hysteresis Modeling and Micromagnetics, 18-20 Mai, 2015 Iasi, Romania
20	Mirela Airimioaei, Liliana Mitoseriu, <u>Lavinia Petronela Curecheriu</u> , Mircea Nicolae Palamaru, Alexandra Raluca Iordan, <i>Synthesis and functional properties of Mg_xNi_{1-x}Fe₂O₄ ferrites</i> , 5th Management Committee Meeting (MCM5) and Meetings of Working of COST IC1208 Action, Bilkent University, 26-27 Martie 2015, Ankara, Turkey
21	Felicia Gheorghiu, Isabelle Lisiecki, Cristina E. Ciomaga, <u>Lavinia Curecheriu</u> , Simona Feraru, Mircea N. Palamaru, Valentina Musteata, Nicoleta Lupu, Liliana Mitoseriu, <i>Preparation and functional properties of Sm₂NiMnO₆ multiferroic ceramics</i> , 10th International Conference on Physics of Advanced Materials, 22-24 Septembrie 2014, Iași, România
22	Cristina E. Ciomaga, Mirela Airimioaei, <u>Lavinia P. Curecheriu</u> , Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, <i>Dielectric and non-linear properties of SrTiO₃@BaTiO₃ core-shell ceramic</i> , European Conference on Application of Polar Dielectrics 7-11 Iulie 2014, Vilnius, Lituania
23	<u>Lavinia Curecheriu</u> , Leontin Padurariu, Liliana Mitoseriu, <i>Nonlinear dependence of dielectric constant in polymer-based composites</i> , European Conference on Application of Polar Dielectrics, 7-11 Iulie 2014, Vilnius, Lituania



24	<u>Lavinia P. Curecheriu</u> , Mihai Pop, Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, <i>Ferroelectric-relaxor crossover effects on the nonlinear dielectric properties in BaZr_xTi_{1-x}O₃ ceramics</i> , Electroceramics XIV, 16-20 Iunie 2014, Bucuresti, Romania
25	Leontin Padurariu, <u>Lavinia Curecheriu</u> , Vincenzo Buscaglia, Liliana Mitoseriu, <i>Modeling the size effects on the dielectric properties in nanostructured ferroelectric ceramics</i> , COST MP0904 Action Showcase, 17 Iunie 2014, București, România
26	Marco Deluca, <u>Lavinia P. Curecheriu</u> , Vincenzo Buscaglia, Adelina C. Ianculescu, An Hardy, Marlies K. van Bael, Carmen Galassi, Liliana Mitoseriu, <i>Ferroelectric-relaxor crossover in barium titanate-based ceramics by temperature-dependent Raman spectroscopy</i> , Electroceramics XIV, 16-20 Iunie 2014, București, România
27	Alexandra Neagu, Leontin Padurariu, <u>Lavinia Curecheriu</u> , Liliana Mitoseriu, <i>Dielectric properties of polymer matrix nanocomposites</i> , The Third Early Stage Researchers Workshop” COST MP0904 – SIMUFER, 6-9 Noiembrie 2013, Novi Sad, Serbia
28	Leontin Padurariu, <u>Lavinia Curecheriu</u> , Vincenzo Buscaglia, Liliana Mitoseriu, <i>Grain size effect on nonlinear properties in nanostructured ferroelectric ceramics: modelling and experimental validation</i> , 13th International Meeting on Ferroelectricity, 2-6 Septembrie 2013 Cracovia, Polonia
29	<u>Lavinia P. Curecheriu</u> , Valentina Musteata, Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, <i>Influence of the lengthscale cation mixing degree on the nonlinear dielectric properties of BaZr_xTi_{1-x}O₃ ceramics</i> , 13th International Meeting on Ferroelectricity, 2-6 Septembrie 2013 Cracovia, Polonia
30	<u>Lavinia Curecheriu</u> , Laurentiu Stoleriu, Carmen Galassi, Fabio Fochi, Liliana Mitoseriu, <i>Study of ferroelectric-antiferroelectric crossover in PLZT (x/90/10) ceramics</i> , Joint IEEE, UFFC, EFTF and PFM Symposium, 21-25 Iulie 2013, Praga, Cehia
31	<u>Lavinia P. Curecheriu</u> , Ana Cazacu, Alexandra Neagu, Leontin Padurariu, Liliana Mitoseriu, <i>Tunable chitosan-based nanocomposite by local field engineering</i> , COST SIMUFER Action MPO904 Workshop Advances in Ferroelectrics and Multiferroics, Institute of Physics AS CR, 21 Iulie 2013, Praga, Cehia
32	Leontin Padurariu, <u>Lavinia Curecheriu</u> , Mihai Pop, Carmen Galassi, Vincenzo Buscaglia, Liliana Mitoseriu, <i>The role of the local electric field inhomogeneity on the electrical properties of ferroelectric composites</i> , COST MP0904 Action „Recent advances in ferro/piezoelectric and multiferroic-based composites”, 22-23 Aprilie 2013, Faenza, Italia
33	<u>Lavinia P. Curecheriu</u> , Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, <i>New functional properties driven by interface reactions in core-shell composite</i> , COST MP0904 Action „Recent advances in ferro/piezoelectric and multiferroic-based composites”, 22-23 Aprilie 2013, Faenza, Italia
34	Catalin Harnagea, <u>Lavinia P. Curecheriu</u> , Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, <i>Magnetic and ferroelectric domain structures in Fe₂O₃@BaTiO₃ magnetoelectric composites</i> , COST MP0904 Action Workshop Nanoscale Phenomena, 22 Martie 2013, Belfast Marea Britanie
35	<u>Lavinia Curecheriu</u> , Leontin Padurariu, Liliana Mitoseriu, Vincenzo Buscaglia, <i>Non-linear dielectric properties in ferroelectric oxides: material design, experimental and modelling</i> , 10 YEARS OF NANOTEHNOLOGY DEVELOPMENT IN THE REPUBLIC OF MOLDOVA, 22-23 Octombrie 2012, Bălți, Rep. Moldova
36	Cristina E. Ciomaga, <u>Lavinia Curecheriu</u> , Carmen Galassi, Liliana Mitoseriu, <i>Preparation and properties of ferroelectric-magnetic ceramic composites</i> , 10 YEARS OF NANOTEHNOLOGY DEVELOPMENT IN THE REPUBLIC OF MOLDOVA, 22-23 Octombrie 2012, Bălți, Rep. Moldova



37	<u>Lavinia P. Curecheriu</u> , Liliana Mitoseriu, Maria Teresa Buscaglia, Vincenzo Buscaglia, <i>New insights on nanoscale interface reactions in magnetoelectric composites</i> , 9th International Conference on Physics of Advanced Materials, 20-23 Septembrie 2012, Iași, România
38	Leontin Padurariu, <u>Lavinia Curecheriu</u> , Liliana Mitoseriu, <i>Tailoring dc-tunability properties by local field engineering in ferroelectric structures</i> , 9th International Conference on Physics of Advanced Materials, 20-23 Septembrie 2012, Iași, România
39	<u>Lavinia P. Curecheriu</u> , Petronel Postolache, Maria Teresa Buscaglia, Vincenzo Buscaglia, Liliana Mitoseriu, Alexandru Stancu, <i>Using FORC method in detection multiple magnetic components in magnetoelectric composites</i> , Joint Conference COST MP0904 Action and 9th Edition IEEE-ROMSC 2012, 24-26 Septembrie 2012, Iași, România
40	Leontin Padurariu, <u>Lavinia Curecheriu</u> , Vincenzo Buscaglia, Liliana Mitoseriu, <i>Modelling of the grain size effect on nonlinear dielectric properties in nanostructured ferroelectric ceramics</i> , Joint Conference COST MP0904 Action and 9th Edition IEEE-ROMSC 2012, 24-26 Septembrie 2012, Iași, România
41	<u>Lavinia-Petronela Curecheriu</u> , Leontin Padurariu, Liliana Mitoseriu, Vincenzo Buscaglia, <i>Tayloring dc-tunability properties of ferroelectric ceramics by reduction grain size at nanoscale</i> , ISAF-ECAPD 9-13 Iulie 2012, Aveiro, Portugalia
42	Leontin Padurariu, <u>Lavinia Curecheriu</u> , Liliana Mitoseriu, Vincenzo Buscaglia, <i>Modelling of the grain size effect on nonlinear properties in nanostructured ferroelectric ceramics</i> , ISAF-ECAPD 9-13 Iulie 2012, Aveiro, Portugalia
43	Liliana Mitoseriu, <u>Lavinia Curecheriu</u> , Alexandru Stancu, Vincenzo Buscaglia, <i>Reactions in $Fe_2O_3@BaTiO_3$ core-shell structure towards new functional properties</i> , ISAF-ECAPD 9-13 Iulie 2012, Aveiro, Portugalia
44	Felicia Gheorghiu, <u>Lavinia Curecheriu</u> , Radu Tanasa, Mihai V. Pop, Liliana Mitoseriu, <i>Comparison between the properties of pure $BiFeO_3$ ceramics prepared by single and two step sintering methods</i> , ISAF-ECAPD 9-13 Iulie 2012, Aveiro, Portugalia
45	<u>Lavinia P. Curecheriu</u> , Leontin Padurariu, Liliana Mitoseriu and Vincenzo Buscaglia, <i>A new approach for tailoring tunability and permittivity values by using grain size reduction at nanoscale</i> , Electroceramics XIII, 24-27 Iunie 2012, Twente, Olanda
46	Liliana Mitoseriu, <u>Lavinia Curecheriu</u> , Leontin Padurariu, Catalin Harnagea and Vincenzo Buscaglia, <i>New insights on grain size and interface effects in nanostructured ferroelectric ceramics</i> , Electroceramics XIII, 24-27 Iunie 2012, Twente, Olanda
47	Felicia Gheorghiu, <u>Lavinia Curecheriu</u> , Adelina Ianculescu, Valentina Musteata, Liliana Mitoseriu, <i>New aspects concerning the tunability and dielectric anomalies of $BiFeO_3$ ceramics</i> , Electroceramics XIII, 24-27 Iunie 2012, Twente, Olanda
48	<u>Lavinia P. Curecheriu</u> , Marco Deluca, Vincenzo Buscaglia, Marlies Van Bael, An Hardy, Zina Mocanu, Liliana Mitoseriu, <i>Ferroelectric-relaxor crossover in Ce-doped $BaTiO_3$ ceramics</i> , 3rd COST MP0904 Workshop – Advanced characterization and functional properties of ferroelectrics and multiferroics, 23 Aprilie 2012, Vilnius, Lituania
49	<u>Lavinia P. Curecheriu</u> , Liliana Mitoseriu, <i>Dc-electric-field dependence of dielectric constant in ferroelectric systems</i> , 2 nd ESR Workshop, COST MP0904, 16-18 Noiembrie 2011, Novi Sad, Serbia
50	<u>Lavinia Curecheriu</u> , Giovanna Canu, Ioana Ciuchi, Geanina Apachitei, Alexandra Neagu, Maria Teresa Buscaglia, Vincenzo Buscaglia and Liliana Mitoseriu, <i>Preparation and multifunctional properties of $Ba_{12}Fe_{28}Ti_{15}O_{84}$ naturally self-assembled layered ceramics</i> , 2 nd ESR Workshop, COST MP0904, 16-18 Noiembrie 2011, Novi Sad, Serbia



51	Zina V. Mocanu, Mirela Airimioaei, Alexandra R. Iordan, Mircea N. Palamaru, <u>Lavinia P. Curecheriu</u> , Valentin Nica, Petronel Postolache, Liliana Mitoseriu, <i>Functional properties of $Mg_xNi_{1-x}Fe_2O_4$ ferrite</i> , 2 nd ESR Workshop, COST MP0904, 16-18 Noiembrie 2011, Novi Sad, Serbia
52	<u>Lavinia P. Curecheriu</u> , Vincenzo Buscaglia and Liliana Mitoseriu, <i>Non-linear properties of dense nanostructured ceramics</i> , COST Meeting, 30 Iunie-1 Iulie 2011, Bordeaux, Franta
53	<u>Lavinia P. Curecheriu</u> , Ioana V. Ciuchi, Geanina Apachitei, Alexandra Neagu, Maria T. Buscaglia, Vincenzo Buscaglia, Petronel Postolache, Liliana Mitoseriu, <i>Magnetic and dielectric properties of $Ba_{12}Fe_{28}Ti_{15}O_{84}$ naturally self-assembled layered ceramics</i> , 5th International Workshop Amorphous and Nanostructured Magnetic Materials, 5-7 Septembrie 2011 Iasi, Romania
54	<u>Lavinia P. Curecheriu</u> , Petronel Postolache, Maria T. Buscaglia, Vincenzo Buscaglia, Alexandru Stancu and Liliana Mitoseriu, <i>Functional properties of multiferroic ceramics prepared from core-shell $Fe_2O_3@BaTiO_3$ powder</i> , 10th International Conference on Global Research and Education, 26-29 Septembrie 2011, Sucevita, Romania
55	<u>Lavinia P. Curecheriu</u> , Cristina E. Ciomaga, Liliana Mitoseriu, Vincenzo Buscaglia, Carmen Galassi, Paolo Nanni, <i>Ferroelectric-magnetic composites with emergent electromagnetic properties</i> , Joint WGs Workshop of the COST MP0904 Action, 12 August 2010, Edingburgh, Marea Britanie
56	<u>Lavinia P. Curecheriu</u> , Maria T. Buscaglia, Vincenzo Buscaglia, Petronel Postolache, Bogdan Vasile, Adelina Ianculescu, Liliana Mitoseriu, Paolo Nanni, <i>Functional properties of multiferroic composites with core-shell structure related with microstructure characteristics</i> , 10 th European Conference on Applications of Polar Dielectrics, 9-13 August 2010, Edingburgh, Marea Britanie
57	<u>Lavinia P. Curecheriu</u> , Maria T. Buscaglia, Vincenzo Buscaglia, Petronel Postolache, Liliana Mitoseriu, <i>From $Fe_2O_3@BaTiO_3$ core-shell particles to multifunctional composites</i> , Nanostructured Multifunctional Materials, 4-5 Noiembrie 2010, Iași, România
58	<u>Lavinia P. Curecheriu</u> , Vincenzo Buscaglia, Petronel Postolache, Adelina Ianculescu, Liliana Mitoseriu, Paolo Nanni, <i>Functional properties of multiferroic composites with core-shell structure related with microstructure characteristics</i> , 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
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