

**Anexa nr. 1**

*Formularul de auto-evaluare a performanțelor, în vederea obținerii unei gradații de merit
Institutul de Cercetări Interdisciplinare – Departamentul Științe*

I. ACTIVITATEA DE CERCETARE (80%)**1. Articole științifice publicate in extenso în reviste cotate Web of Science****(60 puncte x AIS) + 25 - în calitate de autor principal****(60 puncte x AIS + 25)/număr autori - în calitate de co-autor****2021**

1. Title: *Modifications of structural, dielectric and ferroelectric properties induced by porosity in BaTiO₃ ceramics with phase coexistence*

Authors: Padurariu, L; Curecheriu, LP; Ciomaga, CE; Airimioaei, M; Horchidan, N; Cioclea, C; Lukacs, VA; Stirbu, RS; Mitoseriu, L.

Source: JOURNAL OF ALLOYS AND COMPOUNDS, vol. 889, art.no. 161699, (2021) 10.1016/J.JALLCOM.2021.161699

IF = 5.316; AIS = 0.716; Q1**(60 x 0.716 + 25)/9 = 7.551**

2. Title: *Preparation and properties of porous BaTiO₃ nanostructured ceramics produced from cuboidal nanocrystals*

Authors: Lukacs, V. A.; Caruntu, G.; Condurache, O.; Ciomaga, C. E.; Curecheriu, L. P.; Padurariu, L.; Ignat, M.; Airimioaei, M.; Stoian, G.; Rotaru, A.; Mitoseriu, L.

Source: CERAMICS INTERNATIONAL, vol.47, 18105- 18115, (2021) 10.1016/j.ceramint.2021.03.128

IF = 4.527; AIS = 0.545; Q1**(60 x 0.545 + 25)/11=5.245**

3. Title: *Elastic composites with PDMS matrix and polysulfone-supported silver nanoparticles as filler*

Authors: Racles, C; Asandulesa, M; Tiron, V; Tugui, C; Vornicu, N; Ciubotaru, BI; Micusik, M; Omastova, M; Vasiliu, AL; Ciomaga, C

Source: POLYMER, vol. 217, art.no. 123480, (2021) 10.1016/J.POLYMER.2021.123480

IF = 4.43; AIS = 0.624; Q1**(60 x 0.624 + 25)/10=6.244**

4. Title: *Preparation and Functional Properties of BaTiO₃-BaGeO₃ Ceramics*

Authors: Horchidan, N; Curecheriu, L; Ciomaga, CE; Lupu, N; Mitoseriu, L



Source: IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL, vol. 68(2), pp. 279-287, (2021) 10.1109/TUFFC.2020.2990755

IF = 2.725; AIS = 0.666; Q1

$(60 \times \text{AIS} + 25)/4 = 12.992$

2020

5. Title: *Effect of Porosity on Functional Properties of Lead-Free Piezoelectric $\text{BaZr}_{0.15}\text{Ti}_{0.85}\text{O}_3$ Porous Ceramics*

Authors: Curecheriu, L; Lukacs, VA; Padurariu, L; Stoian, G; Ciomaga, CE

Source: MATERIALS, Volume: 13, Issue: 15, 3324, (2020) 10.3390/ma13153324

IF = 3.623; AIS = 0.595; Q1

$(60 \times 0.543 + 25)/5 = 12.140$

6. Title: *Room temperature phase superposition as origin of enhanced functional properties in BaTiO_3 - based ceramics*

Authors: Horchidan, N; Padurariu, L; Ciomaga, CE; Curecheriu, L; Airimioaei, M; Doroftei, F; Tufescu, F; Mitoseriu, L

Source: JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol 40, issue 4, pages 1258-1268, (2020) 10.1016/j.jeurceramsoc.2019.11.088

IF= 5.302; AIS = 0.808; Q1 (top 1 of 28 in Materials Science)

$(60 \times 0.808 + 25)/8 = 9.185$

7. Title: *Nonlinear dielectric properties of BaTiO_3 - Silver composites: The role of microstructure*

Authors: Lukacs, VA; Turcan, I; Padurariu, L; Curecheriu, L; Cernescu, A; Stoian, G; Ciomaga, CE; Tufescu, F; Lupu, N; Mitoseriu, L

Source: JOURNAL OF ALLOYS AND COMPOUNDS, vol. 817, 153336 1-10, (2020) 10.1016/j.jallcom.2019.153336

IF = 5.316; AIS = 0.716; Q1

$(60 \times 0.716 + 25)/10 = 6.796$

8. Title: *Biomorphic tubular nickel oxide structures: Effect of the synthesis parameters on their structural and functional properties, surface-related applications*

Authors: Airimioaei, M; Lukacs, VA; Lisiecki, I; Beaunier, P; Blanchard, J; Lutic, D; Tascu, S; Postolache, P; Ciomaga, CE; Olariu, M; Mitoseriu, L

Source: JOURNAL OF ALLOYS AND COMPOUNDS, vol. 816, 152543 1-9, (2020) 10.1016/j.jallcom.2019.152543

IF = 5.316; AIS = 0.716; Q1, autor principal

$(60 \times 0.716) + 25 = 67.96$



9. Title: *Structural and functional properties of BaTiO₃ porous ceramics produced by using pollen as sacrificial template*

Authors: Lukacs, VA; Stanculescu, R; Curecheriu, L; Ciomaga, CE; Horchidan, N; Cioclea, C; Mitoseriu, L

Source: CERAMICS INTERNATIONAL, Vol. 46, Issue 1, 523-530, (2020) 10.1016/j.ceramint.2019.08.292

IF = 4.527; AIS = 0.545; Q1

(60 x 4.527 + 25)/7 = 8.243

2019

10. Title: *Comparative study of magnetoelectric BaTiO₃-Co_{0.8}Zn_{0.2}Fe₂O₄ bi-tunable ceramics sintered by Spark Plasma Sintering and classical method*

Authors: C. E. Ciomaga, A. Guzu, M. Airimioaei, L. P. Curecheriu, V. A. Lukacs, O. G. Avadanei, G. Stoian, M. Grigoras, N. Lupu, M. Asandulesa L. Mitoseriu

Source: CERAMICS INTERNATIONAL 45, 24168–24175 (2019) 10.1016/j.ceramint.2019.08.125

IF = 3.83; AIS = 0.478; Q1, autor principal

60 x 0.478 + 25 = 53.680

11. Title: *Functional properties of randomly mixed and layered BaTiO₃-CoFe₂O₄ ceramic composites close to the percolation limit*

Authors: A. Guzu, C. E. Ciomaga, M. Airimioaei, L. Padurariu, L. P. Curecheriu, I. Dumitru, F. Gheorghiu, G. Stoian, M. Grigoras, N. Lupu, M. Asandulesa, L. Mitoseriu

Source: JOURNAL OF ALLOYS AND COMPOUNDS 796, 55-64 (2019) 10.1016/j.jallcom.2019.05.068

IF = 4.65; AIS = 0.629; Q1, autor principal

60 x 0.629 + 25 = 62.740

12. Title: *Functional properties of percolative CoFe₂O₄ - PbTiO₃ composite ceramics*

Authors: C. E. Ciomaga, M. Airimioaei, I. Turcan, A. V. Lukacs, S. Tascu, M. Grigoras, N. Lupu, J. Banys, L. Mitoseriu

Source: JOURNAL OF ALLOYS AND COMPOUNDS 775, 90-99 (2019) 10.1016/j.jallcom.2018.10.088

IF = 4.65; AIS = 0.629; Q1, autor principal

60 x 0.629 + 25 = 62.740

2018

13. Title: *Microstructure and dielectric properties of Ag-BaTiO₃ composite ceramics*

Authors: I. Turcan, V. A. Lukacs, L. Curecheriu, L. Padurariu, C. E. Ciomaga, M. Airimioaei, G. Stoian, N. Lupu, L. Mitoseriu

Source: JOURNAL OF THE EUROPEAN CERAMIC SOCIETY 38, 5420–5429, (2018) 10.1016/j.jeurceramsoc.2018.08.002



IF = 4.029; AIS = 0.707; Q1
 $(60 \times 0.707 + 25)/9 = 7.491$

14. Title: *Preparation and functional characterization of magnetoelectric $Ba(Ti_{1-x}Fe_x)O_{3-x/2}$ ceramics. Application for a miniaturized resonator antenna*

Authors: F. Gheorghiu, C. E. Ciomaga, M. Simenas, M. Airimioaei, S. Qiao, S. Tascu, V. Kalendra, J. Banys, O. G. Avadanei, L. Mitoseriu

Source: CERAMICS INTERNATIONAL 44, 20862–20870 (2018) 10.1016/j.ceramint.2018.08.091

IF = 3.45; AIS = 0.454; Q1
 $(60 \times 0.454 + 25)/10 = 5.224$

2017

15. Title: *Porous $(Ba,Sr)TiO_3$ ceramics for tailoring dielectric and tunability properties: Modelling and experiment*

Authors: R. E. Stanculescu, N. Horchidan, C. Galassi, M. Asandulesa, L. Padurariu, C.E. Ciomaga*, L. Mitoseriu

Source: PROCESSING AND APPLICATION OF CERAMICS 11 [4], 235–246, (2017) doi.org/10.2298/PAC1704235S (2017)

IF=1.152; AIS=0.19; Q3 autor principal
 $(60 \times 0.19) + 25 = 36.400$

16. Title: *$SrTiO_3$ - $BaTiO_3$ nanocomposites with temperature independent permittivity and linear tunability fabricated using field-assisted sintering from chemically synthesized powders*

Authors: M. Airimioaei, M.T. Buscaglia, I. Tredici, U. Anselmi-Tamburini, C.E. Ciomaga, L. Curecheriu, A. Bencan, V. Buscaglia, L. Mitoseriu

Source: JOURNAL OF MATERIALS CHEMISTRY C 5, 9028-9036 (2017) 10.1039/c7tc02629c

IF = 5.976; AIS=1.133
 $(60 \times 1.133 + 25)/9 = 10.331$

17. Title: *Preparation and structural characterization of Fe-doped $BaTiO_3$ diluted magnetic ceramics*

Authors: F. Gheorghiu, M. Simenas, C. E. Ciomaga*, M. Airimioaei, V. Kalendra, J. Banys, M. Dobromir, S. Tascu, L. Mitoseriu

Source: CERAMICS INTERNATIONAL 43, 9998–10005 (2017) 10.1016/j.ceramint.2017.05.013

IF = 3.057; AIS = 0.437
 $(60 \times 0.437 + 25)/9 = 5.691$

18. Title: *Dielectric and phonon spectroscopy of Nb-doped $Pb(Zr_{1-y}Ti_y)O_3$ - $CoFe_2O_4$ composites*

Authors: A. Sakanas, D. Nuzhnyy, R. Grigalaitis, J. Banys, F. Borodavka, S. Kamba, C. E. Ciomaga, L. Mitoseriu

Source: JOURNAL OF APPLIED PHYSICS 121, 214101-11 (2017) 10.1063/1.4984199



IF=2.176; AIS=0.56

$(60 \times 0.56 + 25)/8 = 7.325$

19. Title: *Role of the pore interconnectivity on the dielectric, switching and tenability properties of PZTN ceramics*

Authors: C. Padurariu, L. Padurariu, L. Curecheriu, C. Ciomaga, N. Horchidan, C. Galassi, L. Mitoseriu

Source: CERAMICS INTERNATIONAL 43, 9998–10005 (2017) 10.1016/j.ceramint.2017.01.123

IF = 3.057; AIS = 0.437

$(60 \times 0.437 + 25)/7 = 7.317$

20. Title: *Porosity-dependent properties of Nb-doped Pb(Zr,Ti)O₃ ceramics*

Authors: F. Gheorghiu, L. Padurariu, M. Airimioaei, L. Curecheriu, C. Ciomaga, C. Padurariu, C. Galassi, L. Mitoseriu

Source: JOURNAL OF THE AMERICAN CERAMIC SOCIETY 100, 2, 647-658 (2017) 10.1111/jace.14587

IF = 2.956; AIS = 0.643

$(60 \times 0.643 + 25)/8 = 7.948$

21. Title: *Towards novel functional properties by interface reaction in mixtures of BaTiO₃-Fe₂O₃ composite ceramics*

Authors: O. Condurache, I. Turcan, L. Curecheriu, C. Ciomaga, P. Postolache, G. Ciobanu, L. Mitoseriu

Source: CERAMICS INTERNATIONAL 43, 1, 1098-1105 (2017) 10.1016/j.ceramint.2016.10.047

IF = 3.057; AIS = 0.437

$(60 \times 0.437 + 25)/7 = 7.317$

22. Title: *PZT-cobalt ferrite particulate composites: Densification and lead loss controlled by quite-fast sintering*

Authors: P. Galizia, C. E. Ciomaga, L. Mitoseriu, C. Galassia

Source: JOURNAL OF THE EUROPEAN CERAMIC SOCIETY 37, 161–168 (2017) 10.1016/j.jeurceramsoc.2016.08.025

IF = 3.794; AIS = 0.679

$(60 \times 0.679 + 25)/4 = 16.435$

Punctaj secțiune = 426.996 puncte

2. Cărți științifice de autor (monografii, tratate, îndrumare, culegeri) publicate (pentru prima ediție*) în edituri:

în străinătate: 30 puncte la 100 pagini / număr autori, indexate WorldCat

în țară acreditate de CNCS: 40 puncte la 100 pagini / număr autori

*pentru edițiile revizuite și adăugite, se va acorda jumătate din punctaj.



1. C.E. Ciomaga, L. Mitoseriu, Chapter 21 “*Ferroelectric Perovskite-Spinel Ferrite Ceramics*”, book Magnetic, Ferroelectric, and Multiferroic Metal Oxides. DOI: <http://dx.doi.org/10.1016/B978-0-12-811180-2.00021-9> (ISBN 978-0-12-811180-2), publishing by Elsevier, edited by Biljana Stojanovic (pp 433-456) (2018).

Punctaj secțiune = 3.6 puncte

3. **Contracte de cercetare științifică obținute prin competiție derulate în ultimii 5 ani prin Universitate** finanțare internațională sau națională: director: 100puncte x (valoare grant in euro)/100.000Euro; membru în echipa proiect: 25puncte x (valoare grant in euro) /100.000euro/ numărul membrilor echipei de cercetare

Lista proiectelor de cercetare în perioada 2017-2021 este prezentată în tabelul de mai jos:

Calitate în proiect	Cod	Titlul	Ani	Valoare (RON)	Valoare (EURO)	Nr. membri	Punctaj 100puncte x Val grant euro/ 100.000	Punctaj 25puncte x Val grant euro/ 100.000/nr membri
Director Proiect	PN-III-P4-ID-PCE-2020-1988	1. Ingineria materialelor ceramice poroase fără plumb pentru obținerea de senzori piezo-, piroelectrici cu aplicații de colectare de energie, acronim EnginPOR	2021-2023	1198032	246047.934		246.047934	
Membru	PN-III-P1-1.1-TE-2016-1951	2. Proprietăți dependente de scală în ceramicele piezoelectrice fără plumb/Scale-dependent properties in lead free piezoelectric ceramics (ProLEAF) (dir. proiect dr. L. Curecheriu)	2018-2020	450000	96774.190	4	0	6.048386875
Membru	PN-III-P4-ID-PCCF-2016-0175	3. Nanostructuri particulare de tip multistrat cu constanta dielectrica ridicata cu aplicatii pentru stocarea energiei si dispozitive nanoelectronice” (HIGHkDEVICE) (responsabil proiect dr. L. Mitoseriu)	2018-2021	2029470	435508.58	8 si 10 in 2021	0	12.5677
Membru	PN-III-P3-3.1-PM-RO-FR-2019-0069	4. Studiul si modelarea multi-scala a unor oxizi feroelectrici noi (Acronim: NOVOXFER) (dir. proiect dr. L. Mitoseriu)	2019-2021	949044	2006.430	5	0	0.1003215
Membru	PN-II-RU-TE-2014-4-1494	5. Exploatarea porozității în materiale feroelectrice prin controlul câmpului local pentru	2017	235194	52265.330	7	0	1.866618929



		îmbunătățirea proprietăților funcționale (dir. L. Pădurariu)						
Membru	PN-II-PT-PCCA-2013-4-1119	6. Compozite magnetoelectrice cu proprietăți emergente pentru aplicații în comunicații fără fir și senzori (dir. L. Mitoseriu)	2017	238589	53019.770	10	0	1.32549425
Membru	PN-III-P4-ID-PCE-2016-0817	7. Cercetări fundamentale a fenomenelor dependente de scală în feroelectrici pe baza de titanat de bariu: granulația critică și efectul nanostructurării (dir. L. Mitoseriu)	2017-2019	775700	170483.51	8	0	5.327609688
PUNCTAJ TOTAL PUNCTAJ							246.047934	27,23613124
								273.284 puncte

Punctaj secțiune = 273.284 puncte

4. Brevete

internaționale: 75 puncte / număr autori

naționale: 25 puncte / număr autori

1. *Compozit magnetoelectric ceramic obținut prin procedeul de preparare in situ, cu proprietăți feromagnetice, magnetostrictive și permitivități de ordinul sutelor*, C. E. Ciomaga, M. Airimioaei, L. Mitoseriu, N. Lupu, Brevet OSIM Nr. A/00314 2017, RO-BOPI 11/2018

25 puncte/4autori= **6,25 puncte**

2. *Senzor de câmp magnetic variabil cu structură magnetoelectrică stratificată din ceramică de Pb(Zr,Ti)O₃ și microbenzi din Fe₇₈Si₉B₁₃*, F. M. Tufescu, L. Mitoseriu, C. E. Ciomaga, N. Lupu, M. V. Pop, F. Tufescu, Brevet OSIM Nr. A/00422 2017, RO-BOPI 12/2018

25 puncte/6autori= **4,16 puncte**

Punctaj secțiune =10.417puncte

5. Produse și/sau servicii inovative cu impact economic demonstrabil prin documente emise de autorități legale (OSIM, RENAR, ASRO)

în străinătate: 40 puncte / număr autori

în țară: 30 puncte / număr autori

6. Citări și recenzii ale creației de autor obținute în ultimii 5 ani (exclus autocitări/ o citare se va cuantifica o singură dată)

în reviste de specialitate Indexate Web of Science: (10 + 20 x AIS) / număr autori

AIS al revistei care citează

citare în cărți din străinătate: 1 puncte / număr autori



citare în cărți din țară: 0,25 puncte / număr autori

- **Citări între 2017-2021:**
Număr total = 586 citări

Lista citărilor corespunzătoare articolelor este prezentată în tabelul de mai jos:

Nr.crt.	Articol (informatii complete)	Anul aparitiei articolului care citeaza	Nr. autori Articol citat	AIS articol care citeaza	Calcul
	Citarile articolului (culoare)				(10 + 20 x AIS) / număr autori
1	LUCRARE: Preparation and properties of porous BaTiO ₃ nanostructured ceramics produced from cuboidal nanocrystals Lukacs, VA; Caruntu, G; (...); Mitoseriu, L Jul 1 2021 CERAMICS INTERNATIONAL 47 (13) , pp.18105-18115				
	Citare: Porous ferroelectric materials for energy technologies: current status and future perspectives Yan, MY; Xiao, ZD; (...); Zhang, D Nov 2021 (Early Access) ENERGY & ENVIRONMENTAL SCIENCE	2021	11	8.667	16.667
2	LUCRARE: Elastic composites with PDMS matrix and polysulfone-supported silver nanoparticles as filler Racles, C; Asandulesa, M; (...); Ciomaga, C Mar 5 2021 POLYMER 217				
	Citare: Antibacterial Polysiloxane Polymers and Coatings for Cochlear Implants Cozma, V; Rosca, I; (...); Racles, C Aug 2021 MOLECULES 26 (16)	2021	10	0.694	2.388
	Citare: Facile synthesis of metal nanoparticle-loaded polymer nanocomposite with highly efficient an optically enhanced biocidal and anticancer agents Senthilkumar, M; Pandimurugan, R; (...); Mohandoss, S Nov 22 2021 Jul 2021 (Early Access) JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION 32 (17) , pp.2210-2226	2021	10	0.426	1.852



3	<p>LUCRARE: <i>Curecheriu, L; Lukacs, VA; Padurariu, L; Stoian, G; Ciomaga, CE, Effect of Porosity on Functional Properties of Lead-Free Piezoelectric BaZr(0.15)Ti(0.85)O(3)Porous Ceramics, MATERIALS, vol. 13(15), art.no. 3324, (2020) 10.3390/MA13153324</i></p> <p>JOURNAL OF ALLOYS AND COMPOUNDS Volume: 817 Article Number: 153336, 2020</p>				
	<p>Citare: Porous ferroelectric materials for energy technologies: current status and future perspectives Yan, MY; Xiao, ZD; (...); Zhang, D Nov 2021 (Early Access) ENERGY & ENVIRONMENTAL SCIENCE</p>	2021	5	8.667	36.668
	<p>Citare: Dielectric tunable characteristics of compositional-gradient BaTi1-xSnxO3 thin films Wu, CJ and Yao, MW JOURNAL OF ADVANCED DIELECTRICS 11 (04) 2021</p>	2021	5	0	2.000
	<p>Citare: Wu, CJ; Yao, MW, Dielectric tunable characteristics of compositional-gradient BaTi1-xSnxO3 thin films, J ADV DIELECTR, vol. 11(04), art.no. 2150019, (2021) 10.1142/S2010135X21500193 By: Gao, Rongli; Qin, Xiaofeng; Duan, Honglin; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 31 Issue: 16 Pages: 13730-13745 Published: AUG 2020 Early Access: JUL 2020</p>	2021	5	0.283	3.132
4	<p>LUCRARE: <i>Horchidan, N; Padurariu, L; Ciomaga, CE; Curecheriu, L; Airimioaei, M; Doroftei, F; Tufescu, F; Mitoseriu, L, Room temperature phase superposition as origin of enhanced functional properties in BaTiO3 - based ceramics, J EUR CERAM SOC, vol. 40(4), pp. 1258-1268, (2020)</i></p> <p>10.1016/J.JEURCERAMSOC.2019.11.088al. JOURNAL OF MATERIALS SCIENCE Volume: 55 Issue: 9 Pages: 3926-3939 2020</p>				
	<p>Citare: Bush, A; Kozlov, V; Stepanov, A; Sirotinkin, V, Solid solutions of the (1-x)Ba(Ti0.50Sn0.50)O-3 center dot xPbTiO(3) system: Preparation, structural and dielectric characterization, CERAM INT, vol. 47(22), pp.</p>	2020	8	0.545	2.613



	32243-32251, , (2021) 10.1016/J.CERAMINT.2021.08.119				
	Citare:Rubavathi, PE; Rahul, MT; Kalarikkal, N; Das Adhikary, G; Sundarakannan, B, Enrichment of magnetoelectric effect in the hexagonal BaTi1-xCoxO3 artificial type-II multiferroics by defects, J MAGN MAGN MATER, vol. 529, art.no. 167927, (2021) 10.1016/J.JMMM.2021.167927	2021	8	0.459	2.398
	Citare: Wang, Q; Yan, HZ; Zhao, X; Wang, CM, Polymorphic Phase Transition and Piezoelectric Performance of BaTiO3-CaSnO3 Solid Solutions, ACTUATORS, vol. 10(6), art.no. 129, (2021) 10.3390/ACT10060129	2021	8	0.493	2.483
	Citare: Jia, YZ; Luo, FX; Hao, XM; Meng, QL; Dou, WZ; Zhang, L; Wu, JG; Zhai, SW; Zhou, M, Intrinsic Valley Polarization and High-Temperature Ferroelectricity in Two-Dimensional Orthorhombic Lead Oxide, ACS APPL MATER INTER, vol. 13(5), pp. 6480-6488, , (2021) 10.1021/ACSAMI.0C17878	2021	8	1.697	5.493
	Citare: Das, BC; Matin, MA; Hossain, AKMA, Rietveld refinement structure, electric, dielectric and ferroelectric properties of lead-free Ba0.985Sr0.015Zr0.10Ti0.90O3 ceramics, J MATER SCI-MATER EL, vol. 32(4), pp. 4916-4936, , (2021) 10.1007/S10854-020-05231-4	2020	8	0.283	1.958
5	LUCRARE: Lukacs, VA; Turcan, I; Padurariu, L; Curecheriu, L; Cernescu, A; Stoian, G; Ciomaga, CE; Tufescu, F; Lupu, N; Mitoseriu, L, Nonlinear dielectric properties of BaTiO3 - Silver composites: The role of microstructure, J ALLOY COMPD, vol. 817, art.no. 153336, (2020) 10.1016/J.JALLCOM.2019.153336				
	Citare: Ao, RL; Qin, XF; Duan, HL; Wu, H; Xu, RC; Zhang, QW; Zhang, SL; Li, ZD, Dielectric and multiferroic properties of 0.8BaTiO(3)-0.2BiAlO(3)/Co(0.8)Cu(0.2)Fe(2)O(4)composite ceramics, J MATER SCI-MATER EL, vol. 31(16), pp. 13730-13745, , (2020) 10.1007/S10854-020-03933-3	2020	9	0.283	1.740



6	LUCRARE: Airimioaei, M; Lukacs, VA; Lisiecki, I; Beaunier, P; Blanchard, J; Lutic, D; Tascu, S; Postolache, P; Ciomaga, CE; Olariu, M; Mitoseriu, L, Biomorphic tubular nickel oxide structures: Effect of the synthesis parameters on their structural and functional properties, surface-related applications, J ALLOY COMPD, vol. 816, art.no. 152543, (2020) 10.1016/J.JALLCOM.2019.152543				
	Citare: Jeremic, D; Andjelkovic, L; Milenkovic, MR; Suljagic, M; Ristic, MS; Ostojic, S; Nikolic, AS; Vulic, P; Brceski, I; Pavlovic, V, One-Pot Combustion Synthesis of Nickel Oxide and Hematite: from Simple Coordination Compounds to High Purity Metal Oxide Nanoparticles, SCI SINTER, vol. 52(4), pp. 481-490, , (2020) 10.2298/SOS2004481J	2020	11	0.118	1.124
7	LUCRARE: Structural and functional properties of BaTiO₃ porous ceramics produced by using pollen as sacrificial template; By: Lukacs, Vlad Alexandru; Stanculescu, Roxana; Curecheriu, Lavinia; et al. CERAMICS INTERNATIONAL Volume: 46 Issue: 1 Pages: 523-530 Published: JAN 2020				
	Citare: Computer Simulation of Composites Consisting of Piezoceramic Matrix with Metal Inclusions and Pores Kudimova, AB; Nasedkin, AV; (...); Rajagopal, A Nov 2021 (Early Access) MECHANICS OF COMPOSITE MATERIALS	2021	7	0.197	1.991
	Citare: Porous ferroelectric materials for energy technologies: current status and future perspectives Yan, MY; Xiao, ZD; (...); Zhang, D Nov 2021 (Early Access) ENERGY & ENVIRONMENTAL SCIENCE	2021	7	8.667	26.191
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	Citare: Correlation between structure, dielectric and multiferroic properties of lead free Ni modified BaTiO ₃ solid solution; By: Arshad, M.; Khan, Wasi; Abushad, M.; et al. 0.595 Vol: 46 Issue:17 2020 27336-27351	2020	7	0.545	2.986
	Citare: Fe doping effect on the structural, ferroelectric and magnetic properties of polycrystalline BaTi(1-x)Fe(x)O(3)ceramics; By: Zhou, Lisa; Zhang, Yuanyuan; Li, Sheng; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS 3 Issue: 17 14487-14493 2020	2020	7	0.283	2.237
8	LUCRARE: Comparative study of magnetoelectric BaTiO₃-Co_{0.8}Zn_{0.2} Fe₂O₄ bi-tunable ceramics sintered by Spark Plasma Sintering and classical method; By: Ciomaga, Cristina E.; Guzu, Alexandra; Airimioaei, Mirela; et al. CERAMICS INTERNATIONAL Volume: 45 Issue: 18 Pages: 24168-24175 Part: A Published: DEC 15 2019				0.000
	Citare: Tetragonal-Cubic Phase Transition and Low-Field Dielectric Properties of CH ₃ NH ₃ PbI ₃ Crystals Patru, RE; Khassaf, H; (...); Pintilie, I MATERIALS 14 (15) 2021	2021	11	0.595	1.991
	Citare: Charge generation during the synthesis of doped lanthanum manganites via combustion of organo-inorganic precursors Ostroushko, AA; Russkikh, OV and Maksimchuk, TY CERAMICS INTERNATIONAL 47 (15) ,21905-21914, 2021	2021	11	0.545	1.900
	Citare: (BaTiO ₃)(1-x) + (Co _{0.5} Ni _{0.5} Nb _{0.06} Fe _{1.94} O ₄)(x) nanocomposites: Structure, morphology, magnetic and dielectric properties Slimani, Y; Shirsath, SE; (...); Ercan, I JOURNAL OF THE AMERICAN CERAMIC SOCIETY 104 (11) , pp.5648-565 2021	2021	11	0.676	2.138



	Citare: Microstructure, Magnetodielectric, and Multiferroic Properties of $x\text{Co}(0.8)\text{Cu}(0.2)\text{Fe}_2\text{O}_4(4-y)(0.8\text{BaTiO}_3)-0.2\text{BiAlO}_3$) Composite Ceramics Wu, H; Zeng, ZX; (...); Deng, XL ADVANCED ENGINEERING MATERIALS 23 (10) 2021	2021	11	0.725	2.227
	Citare: Dielectric tunable performance of $(\text{Ba}_x\text{Ca}_{1-x})(\text{Zr}_{0.2}\text{Ti}_{0.8})\text{O}_3$ ceramics investigated using Landau-Devonshire theory Yang, P; Peng, W; (...); Yu, SH CERAMICS INTERNATIONAL 47 (5) , 5993-5997 2021	2021	11	0.545	1.900
	Citare: Magnetoelectric and magnetodielectric coupling in partially Ni-doped CoFe_2O_4 and $0.15(\text{Ba}_{0.7}\text{Ca}_{0.3}\text{TiO}_3)-0.85(\text{BaZr}_{0.2}\text{Ti}_{0.8}\text{O}_3)$ composites prepared via clean microwave sintering; By: Mane, Sagar M.; Nimbalkar, Amol R.; Kim, Hyunmin; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 849 Article Number: 156599 2020	2020	11	0.716	2.211
	Citare: Mechanism of enhanced magnetization in $\text{CoFe}_2\text{O}_4/\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ composites with different mass ratios; By: Zhang, Xian; Kan, Xucan; Wang, Min; et al.; CERAMICS INTERNATIONAL Volume: 46 Issue: 10 Pages: 14847-14856 Part: A 2020	2020	11	0.545	1.900
	Citare: Emergence of ferrimagnetism along with magnetoelectric coupling in $\text{Ba}_{0.83}\text{Sr}_{0.07}\text{Ca}_{0.10}\text{TiO}_3/\text{BaFe}_{12}\text{O}_{19}$ multiferroic composites; By: Jain, Aditya; Wang, Y. G.; Wang, N.; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 818 Article Number: 152838 2020	2020	11	0.716	2.211
9	LUCRARE: Ciomaga, CE; Guzu, A; Airimioaei, M; Curecheriu, LP; Lukacs, VA; Avadanei, OG; Stoian, G; Grigoras, M; Lupu, N; Asandulesa, M; Mitoseriu, L, Comparative study of magnetoelectric $\text{BaTiO}_3\text{-Co}_{0.8}\text{Zn}_{0.2}\text{Fe}_2\text{O}_4$ bi-tunable ceramics sintered by Spark Plasma Sintering and classical method, CERAM INT, vol. 45(18), pp. 24168-24175, (2019) 10.1016/J.CERAMINT.2019.08.125				



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Citare: Yang, P; Peng, W; Xu, KL; Li, LX; Yu, SH, Dielectric tunable performance of (Ba _x Ca _{1-x})(Zr _{0.2} Ti _{0.8})O ₃ ceramics investigated using Landau-Devonshire theory, CERAM INT, vol. 47(5), pp. 5993-5997, , (2021) 10.1016/J.CERAMINT.2020.10.174	2021	11	0.545	1.900
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	Citare: Jain, A; Wang, YG; Wang, N; Li, Y; Wang, FL, Emergence of ferrimagnetism along with magnetoelectric coupling in Ba _{0.83} Sr _{0.07} Ca _{0.10} TiO ₃ /BaFe ₁₂ O ₁₉ multiferroic composites, J ALLOY COMPD, vol. 818, art.no. 152838, (2020) 10.1016/J.JALLCOM.2019.152838	2020	11	0.716	2.211
10	LUCRARE: Guzu, A; Ciomaga, CE; Airimioaei, M; Padurariu, L; Curecheriu, LP; Dumitru, I; Gheorghiu, F; Stoian, G; Grigoras, M; Lupu, N; Asandulesa, M; Mitoseriu, L, Functional properties of randomly mixed and layered BaTiO₃-CoFe₂O₄ ceramic composites close to the percolation limit, J ALLOY COMPD, vol. 796, pp. 55-64, (2019) 10.1016/J.JALLCOM.2019.05.068				
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	Citare: Randjelovic, BM; Mitic, VV; Ribar, S; Lu, CA; Radovic, I; Stajcic, A; Novakovic, I; Vlahovic, B, Ceramics, materials, microelectronics and graph theory new frontiers, MOD PHYS LETT B, vol. 34(34), art.no. 2150159, (2020) 10.1142/S0217984921501591	2020	12	0.17	1.117
	Citare: Pahuja, P; Tandon, RP, Latest advancement in magnetoelectric multiferroic composites, FERROELECTRICS, vol. 569(1), pp. 108-121, , (2020) 10.1080/00150193.2020.1791660	2020	12	0.137	1.062



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	Citare: Keswani, BC; Patil, SI; James, AR; Nath, RC; Boomishankar, R; Kolekar, YD; Ramana, CV, Structural, magnetic and ferroelectric properties of lead free piezoelectric 0.9(0.45Ba(0.7)Ca(0.3)TiO(3)-0.55BaTi(0.8)Zr(0.2)O(3)) and magnetostrictive 0.1(Co0.7Mn0.3Fe1.95Dy0.05O4) magnetoelectric particulate composite, J APPL PHYS, vol. 126(22), art.no. 224101, (2019) 10.1063/1.5124159	2019	12	0.56	1.767
11	LUCRARE: Functional properties of percolative CoFe2O4-PbTiO3 composite ceramics By: Ciomaga, Cristina E.; Airimioaei, Mirela; Turcan, Ina; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 775 Pages: 90-99 Publ: FEB 15 2019				
	Citare: Investigation of the ferritization process in the Co ²⁺ -Fe ²⁺ -SO ₄ ²⁻ -OH ⁻ system under the action of contact non-equilibrium low-temperature plasma Frolova, L and Sukhyy, K Mar 2021 (Early Access) APPLIED NANOSCIENCE	2021	9	0.561	2.358
	Citare: Nasrin, S; Sharmin, M; Matin, MA; Hossain, AKMA; Rahaman, MD, Study the impact of sintering temperature on electromagnetic properties of (1-y) [Ba _{0.9} Ca _{0.1} Zr _{0.1} Ti _{0.9} O ₃]+(y) [Ni _{0.25} Cu _{0.13} Zn _{0.62} Fe ₂ O ₄] composites, APPL PHYS A-MATER, vol. 127(1), art.no. 59, (2021) 10.1007/S00339-020-04172-3	2021	9	0.333	1.851
	Citare: Effect of sintering temperature on magnetoelectric properties of PbTiO ₃ /NiFe ₂ O ₄ composite ceramics; By: Zeng, Zhixin; Wu, Heng; Zhou, Chuang; et al. JOURNAL OF ASIAN CERAMIC SOCIETIES Early Access: OCT 2020	2020	9	0.547	2.327
	Citare: Magnetoelectric interactions in bismuth sodium-potassium titanate-nickel cobalt ferrite lead-free composite ceramics; By: Camargo, J.; Espinosa, A. Prado; Zabotto, F.; et al.	2020	9	0.716	2.702



	JOURNAL OF ALLOYS AND COMPOUNDS Volume: 826 Article Number: 154129 Published: JUN 15 2020				
	Citare: Structural, optical, and enhanced multiferroic properties of $x\text{CoFe}_2\text{O}_4(1-x)\text{K}_0.5\text{Bi}_0.5\text{TiO}_3$ ferrite-ferroelectric composites; By: Si, Shufang; Deng, Hongmei; Wang, Tiantian; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 31 Issue: 13 Pages: 10639-10648 2020	2020	9	0.283	1.740
	Citare: Structure, dielectric, magnetic and magnetoelectric coupling properties of $x\text{PbTiO}_3(1-x)\text{NiFe}_2\text{O}_4$ composite ceramics; By: Zeng, Zhixin; Xu, Ruicheng; Cheng, Li; et al. PROCESSING AND APPLICATION OF CERAMICS Volume: 14 Issue: 3 Pages: 223-230 2020	2020	9	0.252	1.671
	Citare: Structural, magnetic and ferroelectric properties of lead free piezoelectric $0.9(0.45\text{Ba}(0.7)\text{Ca}(0.3)\text{TiO}_3)-0.55\text{BaTi}(0.8)\text{Zr}(0.2)\text{O}_3$ and magnetostrictive $0.1(\text{Co}_0.7\text{Mn}_0.3\text{Fe}_1.95\text{Dy}_0.05\text{O}_4)$ magnetolectric particulate composite By: Keswani, Bhavna C.; Patil, S. I.; James, A. R.; et al. JOURNAL OF APPLIED PHYSICS Volume: 126 Issue: 22 Article Number: 224101 2019	2019	9	0.514	2.253
	Citare: Interplay between the ferrimagnetic and ferroelectric phases on the large magnetoelectric coupling of $x\text{Li}(0.1)\text{Ni}(0.2)\text{Mn}(0.6)\text{Fe}(2.1)\text{O}_4(1-x)\text{Bi}_0.8\text{Dy}_0.2\text{FeO}_3$ composites; By: Momin, A. A.; Parvin, Rokhsana; Shahjahan, M.; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 31 Issue: 1 Special Issue: SI Pages: 511-525 2020	2020	9	0.283	1.740
	Citare: Structural and Magnetic Properties of $\text{CdCoFe}_2\text{O}_4$ Nanoparticles; By: Boda, Nehru; Naidu, K. Chandra Babu; Basha, D. Baba; et al. JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM Volume: 33 Issue: 4 Pages: 1039-1044 Published: APR 2020	2020	9	0.207	1.571



	Citare: Magnetic properties of sintered CoFe ₂ O ₄ -BaTiO ₃ particulate magnetoelectric composites; By: Mohan, S.; Joy, P. A. CERAMICS INTERNATIONAL Volume: 45 Issue: 9 Pages: 12307-12311 Published: JUN 15 2019	2019	9	0.478	2.173
	Citare: Roman, T; Pui, A; Lukacs, AV; Cimpoesu, N; Lupescu, S; Borhan, AI; Kordatos, K; Ntziouni, A; Postolache, P; Zaharia, M; Stanciu, S; Mitoseriu, L, Structural changes of cerium doped copper ferrites during sintering process and magneto-electrical properties assessment, CERAM INT, vol. 45(14), pp. 17243-17251, , (2019) 10.1016/J.CERAMINT.2019.05.280	2019	9	0.478	2.173
	Citare: Optically tunable magnetoelectric properties of inorganic-organic multiferroic flexible film; By: Chakraborty, Sarit; Mandal, S. K.; Saha, B. JOURNAL OF APPLIED PHYSICS Volume: 125 Issue: 20 Article Number: 204102 2019	2019	9	0.514	2.253
12	<i>LUCRARE: Microstructure and dielectric properties of Ag-BaTiO₃ composite ceramics; By: Turcan, Ina; Lukacs, Vlad Alexandru; Curecheriu, Lavinia; et al. JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 38 Issue: 16 Pages: 5420-5429 P 2018</i>				
	Citare: Tozri, A; Dhahri, E, High-temperature dielectric behavior of hexagonal HoMnO ₃ , J PHYS CHEM SOLIDS, vol. 152, art.no. 109960, (2021) 10.1016/J.JPCS.2021.109960	2021	9	0.519	2.264
	Citare: Effect of polyvinylidene fluoride on the fracture microstructure characteristics and piezoelectric and mechanical properties of 0-3 barium zirconate titanate ceramic-cement composites; By: Wittinanon, Thanyapon; Rianyai, Rattiyakorn; Chaipanich, Arnon JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 40 Issue: 14 Pages: 4886-4893 2020	2020	9	0.808	2.907
	Citare: Ma, WJ; Yang, K; Wang, HY; Li, HF, Poly(vinylidene fluoride-co-hexafluoropropylene)-MXene Nanosheet Composites for Microcapacitors, ACS APPL NANO MATER, vol. 3(8), pp. 7992-8003, , (2020) 10.1021/ACSANM.0C01459	2020	9	0.878	3.062



Citare: Defect chemistry and colossal dielectric behavior of Nd-modified SrTiO ₃ lead-free ceramic materials; By: Guo, Xu; Pu, Yongping; Wang, Wen; et al. CERAMICS INTERNATIONAL Vol: 46 Issue: 10 P16644-16652 Part: B 2020	2020	9	0.545	2.322
Citare: Structure evolution, ferroelectric properties, and energy storage performance of CaSnO ₃ modified BaTiO ₃ -based Pb-free ceramics; By: Liu, Gang; Li, Yang; Gao, Jinghui; et al. JOURNAL OF ALLOYS AND COMPOUNDS Vol: 826 Art No: 154160 2020	2020	9	0.716	2.702
Citare: Synergetic effect of rare-earths doping on the microstructural and electrical properties of Sr and Ca co-doped BaTiO ₃ nanoparticles; By: Jain, Aditya; Panwar, Amrith K. CERAMICS INTERNATIONAL Volume: 46 Issue: 8 Pages: 10270-10278 Part: A Published: JUN 1 2020	2020	9	0.545	2.322
Citare: Effect of percolation characteristics and ion diffusion on dielectric properties of ferroelectric-dielectric composite ceramics; By: Wang, Wei; Zhang, Mingwei; Xin, Le; et al. CERAMICS INTERNATIONAL Volume: 46 Issue: 1 Pages: 945-949 Published: JAN 2020	2020	9	0.545	2.322
Citare: Sinterability and Characterization of Ag/Al ₂ O ₃ Metal and Ceramic Matrix Composites Processed by Mechanical Milling; By: Davodi, Ramin; Ardestani, Mohammad; Kazemi, Arqavan SCIENCE OF SINTERING Volume: 52 Issue: 3 Pages: 245-255 Published: 2020	2020	9	0.118	1.373
Citare: An investigation of the dielectric energy storage performance of Bi(Mg ₂ /3Nb ₁ /3)O-3-modified BaTiO ₃ Pb-free bulk ceramics with improved temperature/frequency stability By: Liu, Gang; Li, Yang; Shi, Mengqi; et al. CERAMICS INTERNATIONAL Volume: 45 Issue: 15 Pages: 19189-19196 Published: OCT 15 2019	2019	9	0.478	2.173
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	Citare: Abd Elmadjid, K; Gheorghiu, F; Zerdali, M; Turcan, I; Hamzaoui, S, Structural, Magnetic, Dielectric and Piezoelectric Properties of Multiferroic PbTi1-xFexO3-delta Ceramics, MATERIALS, vol. 14(4), art.no. 927, (2021) 10.3390/MA14040927	2021	10	0.595	2.190
	Citare: Nanorods like microstructure, photocatalytic activity and ac-electrical properties of (1-x) (Al0.2La0.8TiO3) + (x) (BaTiO3) (x=0.2, 0.4, 0.6 & 0.8) nanocomposites By: Reddy, B. Venkata Shiva; Srinivas, K.; Kumar, N. Suresh; et al. CHEMICAL PHYSICS LETTERS Volume: 752 Art Number: 137552 Published: AUG 2020	2020	10	0.372	1.744
	Citare: Fe doping effect on the structural, ferroelectric and magnetic properties of polycrystalline BaTi(1-x)Fe(x)O(3)ceramics By: Zhou, Lisa; Zhang, Yuanyuan; Li, Sheng; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS 31 Issue: 17 pp.14487-14493 2020	2020	10	0.283	1.566
	Citare: Defect dipole polarization mechanism in low-dimensional europium substituted Al0.8La0.2TiO3 nanostructures; By: Dastagiri, S.; Lakshmaiah, M. V.; Naidu, K. Chandra Babu PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES Volume: 120 114058 2020	2020	10	0.474	1.948



	Citare: Phase transformation, nanorod-like morphology, wide bandgap, and dielectric properties of 1-x (Al _{0.2} La _{0.8} TiO ₃) + x (BaTiO ₃) (x=0.2-0.8) nanocomposites By: Reddy, B. Venkata Shiva; Srinivas, K.; Kumar, N. Suresh; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 31 Issue: 12 Pages: 9293-9305 Published: JUN 2020	2020	10	0.283	1.566
14	LUCRARE: SrTiO₃-BaTiO₃ nanocomposites with temperature independent permittivity and linear tunability fabricated using field-assisted sintering from chemically synthesized powders; By: Airimioaei, M.; Buscaglia, M. T.; Tredici, I.; et al. JOURNAL OF MATERIALS CHEMISTRY C Volume: 5 Issue: 35 Pages: 9028-9036 Published: SEP 21 2017				
	Citare: Demonstration of Enhanced Piezo-Catalysis for Hydrogen Generation and Water Treatment at the Ferroelectric Curie Temperature; By: Pham Thi Thuy Phuong; Yan Zhang; Nick, Gathercole; et al. ISCIENCE Volume: 23 Issue: 5 Article Number: 101095 2020	2020	9	1.64	4.756
	Citare: Dielectric properties and synthesis of magnesium doped strontium titanate with annona squamosa-like; By: Gao, ShuJuan RESULTS IN PHYSICS Volume: 16 Article Number: 102884 Published: MAR 2020	2020	9	0.641	2.536
	Citare: Characterization and electrical properties of tausonite (SrTiO ₃) in nano ceramic composites; By: Margha, Fatma H.; Morsi, Reham M. M.; Hamzawy, Esmat M. A. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 30 Issue: 17 Pages: 16257-16265 Published: SEP 2019	2019	9	0.256	1.680
	Citare: Revealing the Role of the Intermediates during the Synthesis of BaTi ₅ O ₁₁ By: Maria Alvarez-Docio, Carmen; Jimenez Reinoso, Julian; Canu, Giovanna; et al. INORGANIC CHEMISTRY Volume: 58 Issue: 12 Pages: 8120-8129 Publ: JUN 17 2019	2019	9	0.888	3.084



	Citare: Effects of the Particle Size of BaTiO ₃ Fillers on Fabrication and Dielectric Properties of BaTiO ₃ /Polymer/Al Films for Capacitor Energy-Storage Application; By: Gu, Lulu; Li, Tao; Xu, Yongjun; et al. MATERIALS Volume: 12 Issue: 3 Article 439 2019	2019	9	0.543	2.318
	Citare: Electromechanical control of polarization vortex ordering in an interacting ferroelectric-dielectric composite dimer; By: Mangeri, John; Alpay, S. Pamir; Nakhmanson, Serge; et al. APPLIED PHYSICS LETTERS Volume: 113 Issue: 9 Article Number: 092901 2018	2018	9	0.887	3.082
	Citare: Bakaimi, I; He, XL; Guerin, S; Hashim, NZI; Luo, Q; Reaney, IM; Gao, S; Hayden, BE; de Groot, CHK, Combinatorial synthesis and screening of (Ba,Sr)(Ti,Mn)O-3 thin films for optimization of tunable co-planar waveguides, J MATER CHEM C, vol. 6(23), pp. 6222-6228, , (2018) 10.1039/C8TC01396A	2018	8	1.253	4.383
	Citare: Metastable vortex-like polarization textures in ferroelectric nanoparticles of different shapes and sizes; By: Pitike, Krishna Chaitanya; Mangeri, John; Whitelock, Hope; et al. JOURNAL OF APPLIED PHYSICS Volume: 124 Issue: 6 Article Number: 064104 14 2018	2018	9	0.544	2.320
	Citare: Specific core-shell approaches and related properties in nanostructured ferroelectric ceramics; By: Elissalde, C.; Chung, U. C.; Roulland, F.; et al. FERROELECTRICS Volume: 532 Issue: 1 Special Issue: SI Pages: 138-159 Publ: 2018	2018	9	0.124	1.387
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	Citare: Effect of substrate material to the properties of screen-printed lead free (Bi _{0.5} Na _{0.5})TiO ₃ -based thick films, By: Liu, Liqiang; Karaki, Tomoaki; Fujii, Tadashi; et al. JAPANESE JOURNAL OF APPLIED PHYSICS Volume: 59 Issue: 2 Article Number: 025502 2020	2020	9	0.56	2.356
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Citare: Room temperature dual ferroic behavior induced by (Bi, Ni) co-doping in nanocrystalline Nd _{0.7} Bi _{0.3} Fe _{1-x} Ni _x O ₃ (0 ≤ x ≤ 0.3) By: Somvanshi, Anand; Husain, Shahid; Manzoor, Samiya; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 31 Issue: 14 Pages: 11010-11020 Published: JUL 2020	2020	7	0.283	2.237
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Citare: Understanding the effect of porosity on the polarisation-field response of ferroelectric materials; By: Zhang, Yan; Roscow, James; Lewis, Rhodri; et al. ACTA MATERIALIA Volume: 154 Pages: 100-112 Published: AUG 1 2018	2018	7	1.816	6.617
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Citare: Magnetoelectric dual-particulate composites with wasp-waisted magnetic response for broadband energy harvesting; By: Galizia, Pietro; Alguero, Miguel; Bernier, Nicolas; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 783 Pages: 237-245 Published: APR 30 2019	2019	7	0.629	3.226
Citare: Tunable giant dielectric properties by Ca doping in Lu _{1-x} CaxFe ₂ O ₄ By: Wang, Chao; Zhai, Kun; Zhao, Yunchi; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 750 Pages: 333-340 Published: JUN 25 2018	2018	7	0.601	3.146
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Citare: Thickness ratio effect on multiferroic properties of BCZT-LCMO laminated composites prepared by Plasma Activated Sintering By: Li, S. B.; Wang, C. B.; Shen, Q.; et al. JOURNAL OF ALLOYS AND COMPOUNDS Vol: 762 Pages: 415-421 Publ: SEP 25 2018	2018	4	0.601	5.505
Citare: Formation of CoFe ₂ O ₄ /PVA-SiO ₂ nanocomposites: Effect of diol chain length on the structure and magnetic properties By: Dippong, Thomas; Cadar, Oana; Levei, Erika Andrea; et al. CERAMICS INTERNATIONAL Volume: 44 Issue: 9 Pages: 10478-10485 Published: JUN 15 2018	2018	4	0.454	4.770
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Citare: Effect of composition and grain size on dielectric, ferroelectric and induced strain behavior of PLZT/ZrO ₂ composites; By: Funsueb, Narit; Ngamjarurojana, Athipong; Tunkasiri, Tawee; et al. CERAMICS INTERNATIONAL Vol. 44 Issue: 6 6343-6353 2018	2018	4	0.454	4.770



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	Citare: Effect of temperature and frequency on electrical properties of composite multiferroic of lead titanate and strontium hexaferrite (PbTiO ₃ -SrFe ₁₂ O ₁₉); By: Singh, Ajay; Suri, Shivani; Kumar, Parveen; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 764 Pages: 599-615 Published: OCT 5 2018	2018	8	0.601	2.753
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Citare: Dielectric, ferroelectric and magnetic properties of Pb _{0.95} Pr _{0.05} Zr _{0.52} Ti _{0.48} O ₃ - CoPr _{0.1} Fe _{1.9} O ₄ ceramic composite By: Samad, Rubiya; Rather, Mehraj ud Din; Want, Basharat JOURNAL OF ALLOYS AND COMPOUNDS Volume: 715 Pages: 43-52 Published: AUG 25 2017	2017	8	0.574	2.685



Citare: Structural, electrical, magnetic and magnetoelectric properties of (1-y) [Ba _{0.6-x} CaxSr _{0.4} Zr _{0.25} Ti _{0.75} O ₃] + (y) [(Li _{0.5} Fe _{0.5})(_{0.4})Ni _{0.18} Cu _{0.12} Zn _{0.3} Fe ₂ O ₄] composites By: Saha, S. K.; Rahaman, Md. D.; Zubair, M. A.; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 698 Pages: 341-356 Published: MAR 25 2017	2017	8	0.574	2.685
Citare: Synthesis and Characterization of CoFe ₂ O ₄ /BaTiO ₃ Multiferroic Composites By: Yang, Wenya; Wang, Zhanyong; Zhou, Zhipeng; et al. JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM Volume: 30 Issue: 3 Pages: 665-673 Published: MAR 2017	2017	8	0.176	1.690
Citare: Dielectric and magnetic properties of a yttrium ferrite/calcium copper titanate composite By: Graca, M. P. F.; Costa, L. C.; Amaral, F.; et al. SPECTROSCOPY LETTERS Volume: 50 Issue: 4 Special Issue: SI Pages: 206-213 Published: 2017	2017	8	0.199	1.748
Citare: Calculation ferroelectric hysteresis loop via an explicit function; By: Liu Changshi FERROELECTRICS LETTERS SECTION Volume: 44 Issue: 1-3 Pages: 49-57 Published: 2017	2017	8	0.121	1.553
Citare: Strain mediated magnetoelectric coupling in a NiFe ₂ O ₄ -BaTiO ₃ multiferroic composite By: Gorjge, Venkataiah; Kati, Raju; Yoon, D. H.; et al. JOURNAL OF PHYSICS D-APPLIED PHYSICS Volume: 49 Issue: 40 Article Number: 405001 Published: OCT 12 2016	2016	8	0.761	3.153
Citare: Magnetoelectric coupling effect in lead-free Bi ₄ Ti ₃ O ₁₂ /CoFe ₂ O ₄ composite films derived from chemistry solution deposition; By: Tang, Zhehong; Chen, Jieyu; Bai, Yulong; et al. SMART MATERIALS AND STRUCTURES Volume: 25 Issue: 8 Article Number: 085020 Published: AUG 2016	2016	8	0.767	3.168



	<p>Citare: Thermoelectric and electrical properties of Ba_{0.5}Sr_{0.5}CoxRuxFe(12-2x)O₁₉ ferrite By: Singh, Charanjeet; Jaroszewski, Maciej; Narang, Sukhleen Bindra; et al. EUROPEAN PHYSICAL JOURNAL B Volume: 89 Issue: 5 Article Number: 110 Published: MAY 2 2016</p>	2016	8	0.449	2.373
	<p>Citare: Impedance spectroscopy and dielectric properties of multiferroic BiFeO₃/Bi_{0.95}Mn_{0.05}FeO₃-Ni_{0.5}Zn_{0.5}Fe₂O₄ composites; By: Dhanalakshmi, B.; Kollu, Pratap; Rao, B. Parvatheeswara; et al. CERAMICS INTERNATIONAL Volume: 42 Issue: 2 Pages: 2186-2197 Part: A Published: FEB 1 2016</p>	2016	8	0.46	2.400
33	<p>LUCRARE: Low field permittivity of ferroelectric-ferrite ceramic composites: Experiment and modeling By: Ciomaga, Cristina Elena; Olariu, Cristina Stefania; Padurariu, Leontin; et al. JOURNAL OF APPLIED PHYSICS Volume: 112 Issue: 9 Article Number: 094103 NOV 1 2012</p>				
	<p>Citare: Scale-Dependent Dielectric Properties in BaZr_{0.05}Ti_{0.95}O₃ Ceramics By: Padurariu, Leontin; Lukacs, Vlad-Alexandru; Stoian, George; et al. MATERIALS Volume: 13 Issue: 19 Article Number: 4386 Published: OCT 2020</p>	2020	6	0.595	3.650
	<p>Zhong, RN; Xiang, T; Zheng, QH; Xu, B, Measurement and Analysis of Dielectric Properties of Agricultural By-product Powders in Microwave Frequency Range<bold> </bold>, E3S WEB CONF, vol. 78, art.no. 02012, (2019) 10.1051/E3SCONF/20197802012</p>	2019	6	0	1.667
	<p>Citare: Composite BNT-BT_{0.08}/CoFe₂O₄ with core-shell nanostructure for piezoelectric and ferromagnetic applications, By: Cernea, M.; Vasile, B. S.; Ciuchi, I. V.; et al. MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS Volume: 240 Pages: 7-15 Published: JAN 2019</p>	2019	6	0.605	3.683



	Citare: Exploration of magnetically stable BiFeO ₃ -CoFe ₂ O ₄ composites with significant dielectric ordering at room temperature By: Gaikwad, Vishwajit M.; Acharya, Smita A. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 755 Pages: 168-176 Published: JUL 30 2018	2018	6	0.601	3.670
	Citare: Tailoring the functional properties of PLZT-BaTiO ₃ composite ceramics by core-shell approach, J APPL PHYS, vol. 121(14), art.no. 144101, (2017) 10.1063/1.4979969	2017	6	0.561	3.537
	Citare: behavior of BiFeO ₃ By: Gaikwad, Vishwajit M.; Acharya, Smita A. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 695 Pages: 3689-3703 Published: FEB 25 2017	2017	6	0.574	3.580
34	<i>LUCRARE: Investigation of the composition-dependent properties of BaTi_{1-x}Zr_xO₃ ceramics prepared by the modified Pechini method By: Deluca, Marco; Vasilescu, Catalina A.; Ianculescu, Adelina C.; et al.</i> JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 32 Issue: 13 Pages: 3551-3566, OCT 2012				
	Citare: Kacem, H; Dhahri, A; Sassi, Z; Seveyrat, L; Lebrun, L; Perrin, V; Dhahri, J, Relaxor characteristics and pyroelectric energy harvesting performance of BaTi _{0.91} Sn _{0.09} O ₃ ceramic, J ALLOY COMPD, vol. 872, art.no. 159699, (2021) 10.1016/J.JALLCOM.2021.159699	2021	10	0.716	2.432
	Citare: Bhargavi, GN; Badapanda, T; Khare, A, An investigation of structural, electrical and optical properties of lead-free barium zirconium titanate (BZT)-based ceramic compounds, PHASE TRANSIT, vol. 94(6-8), pp. 474-492, , (2021) 10.1080/01411594.2021.1940181	2021	10	0.202	1.404
	Citare: Niu, X; Jian, XD; Chen, XY; Li, HX; Liang, W; Yao, YB; Tao, T; Liang, B; Lu, SG, Enhanced electrocaloric effect at room temperature in Mn ²⁺ -doped lead-free (BaSr)TiO ₃ ceramics via a direct measurement, J ADV CERAM, vol. 10(3), pp. 482-492, , (2021) 10.1007/S40145-020-0450	2021	10	0.779	2.558



Citare: Premkumar, S; Radhakrishnan, S; Mathe, VL, Understanding A and B-site engineered lead-free Ba(1-x)CaxZryTi(1-y)O ₃ piezoceramics: a perspective from DFT, J MATER CHEM C, vol. 9(12), pp. 4248-4259, , (2021) 10.1039/D0TC05724J	2021	10	1.253	3.506
Citare: Ezealigo, BN; Orru, R; Elissalde, C; Debeda, H; Chung, UC; Maglione, M; Cao, G, Influence of the Spark Plasma Sintering temperature on the structure and dielectric properties of BaTi(1-x)ZrxO ₃ ceramics, CERAM INT, vol. 47(3), pp. 3614-3625, , (2021) 10.1016/J.CERAMINT.2020.09.210	2021	10	0.545	2.090
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Citare: Improved properties & fatigue resistant behaviour OF Ba(Zr _{0.15} Ti _{0.85})O ₃ ferroelectric ceramics By: Mahesh, M. L. V.; Pal, Prem; Prasad, V. V. Bhanu; et al. CURRENT APPLIED PHYSICS Volume: 20 Issue: 12 Pages: 1373-1378 Published: DEC 2020	2020	10	0.373	1.746
Citare: Analysis of sintering temperature effects on structural, dielectric, ferroelectric, and piezoelectric properties of BaZr _{0.2} Ti _{0.8} O ₃ ceramics prepared by sol-gel method By: Sharma, Sarita; Sharma, Hakikat; Kumar, Shammi; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 31 Issue: 21 Pages: 19168-19179 NOV 2020	2020	10	0.283	1.566
Citare: Effect of Porosity on Functional Properties of Lead-Free Piezoelectric BaZr _{0.15} Ti _{0.85} O ₃ Porous Ceramics By: Curecheriu, Lavinia; Lukacs, Vlad Alexandru; Padurariu, Leontin; et al. MATERIALS Volume: 13 Issue: 15 Article Number: 3324 Published: AUG 2020	2020	10	0.595	2.190



Citare: Citrate precursor synthesis of perovskite-type NdAlO_3 as a microwave dielectric material By: Li, Jiamao; Wei, Minghu; Li, Lin; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 31 Issue: 18 Pages: 15352-15360 Published: SEP 2020	2020	10	0.283	1.566
Citare: Spray-flame synthesis of $\text{BaTi}_{1-x}\text{Zr}_x\text{O}_3$ nanoparticles for energy storage applications By: Tarasov, A.; Shvartsman, V. V.; Shoja, S.; et al. CERAMICS INTERNATIONAL Volume: 46 Issue: 9 Pages: 13915-13924 Published: JUN 15 2020	2020	10	0.545	2.090
Citare: Effect of mono-dopants (Mg^{2+}) and co-dopants (Mg^{2+} , Zr^{4+}) on the dielectric, ferroelectric and optical properties of BaTiO_3 ceramics By: Mostari, Mst Sharmin; Haque, Md Jahidul; Rahman Ankur, Sunbeam; et al. MATERIALS RESEARCH EXPRESS Volume: 7 Issue: 6 Article Number: 066302 Published: JUN 2020	2020	10	0.235	1.470
Citare: Structure, dielectric properties of novel $\text{Ba}(\text{Zr},\text{Ti})\text{O}_{3-x}$ based ceramics for energy storage application By: Wang, Yuanhao; Gao, Shuya; Wang, Tong; et al. CERAMICS INTERNATIONAL Volume: 46 Issue: 8 Pages: 12080-12087 Part: B Published: JUN 1 2020	2020	10	0.545	2.090
Citare: EFFECT OF SiO_2 COATING ON MICROSTRUCTURE AND DIELECTRIC PROPERTIES OF $\text{BaZr}_{0.1}\text{Fe}_{0.02}\text{Ti}_{0.88}\text{O}_3$ CERAMICS By: Li, Z.; Li, Y.; Zhou, H.; et al. DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES Volume: 15 Issue: 2 Pages: 459-464, APR-JUN 2020	2020	10	0.131	1.262
Citare: Influence of individual phases on the magnetoelectric coupling and electromechanical response in $(1-x)\text{Ba}(\text{Fe},\text{Co})\text{O}_{3-x}\text{Sr}(\text{Fe},\text{Co})\text{O}_{3-x}$ multiferroic composites By: Jain, Aditya; Wang, Y. G.; Wang, N.; et al. JOURNAL OF MAGNETISM AND MAGNETIC	2020	10	0.459	1.918



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	Citare: Effects of disorder activated scattering and defect-induced phase on the ferroelectric properties of BaSn _x Ti _{1-x} O ₃ (0 ≤ x ≤ 0.28) ceramics By: Ansari, Mohd Azaj; Sreenivas, K. CERAMICS INTERNATIONAL Volume: 45 Issue: 16 Pages: 20738-20749 Published: NOV 2019	2019	10	0.478	1.956
	Citare: Fabrication of BaTiO ₃ -based thin film heterostructures with ring electrodes by low cost deposition techniques, By: Vukmirovic, Jelena; Nesterovic, Andrea; Stijepovic, Ivan; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 30 Issue: 16 Pages: 14995-15004 Published: AUG 2019	2019	10	0.256	1.512
	Citare: Phase structure analysis and pyroelectric energy harvesting performance of Ba(Hf _x Ti _{1-x})O ₃ ceramics By: Li, Ming-Ding; Tang, Xin-Gui; Zeng, Si-Ming; et al. JOURNAL OF THE AMERICAN CERAMIC SOCIETY Volume: 102 Issue: 6 Pages: 3623-3629 Published: JUN 2019	2019	10	0.672	2.344
	Citare: Submicron barium calcium zirconium titanate ceramic for energy storage synthesised via the co-precipitation method By: Chen, Xiaofang; Chao, Xiaolian; Yang, Zupei MATERIALS RESEARCH BULLETIN Volume: 111 Pages: 259-266 Published: MAR 2019	2019	10	0.463	1.926
	Citare: Citrate precursor method By: Hwangbo, Young; Lee, Young-In JOURNAL OF ALLOYS AND COMPOUNDS Volume: 771 Pages: 821-826 Published: JAN 15 2019	2019	10	0.629	2.258
	Citare: High piezoelectric activity in lead-free BaTiO ₃ -BaZrO ₃ -CaTiO ₃ ceramics with near polymorphic phase boundary By: Sutapun, Manoon; Vittayakorn, Naratip INTEGRATED	2019	10	0.094	1.188



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	Citare: Enhanced Sintering and Nonlinear Dielectric Properties of Ba _{0.6} Sr _{0.4} TiO ₃ Ceramics With a Small Amount of Lithium Additive By: Zhang, Xiao-Fei; Xie, Xiao-Bin; Xu, Qing; et al. SCIENCE OF SINTERING Volume: 51 Issue: 3 Pages: 295-307 Published: 2019	2019	10	0.091	1.182
	Citare: Role of A-site Ca and B-site Zr substitution in BaTiO ₃ lead-free compounds: Combined experimental and first principles density functional theoretical studies By: Keswani, Bhavna C.; Saraf, Deepashri; Patil, S. I.; et al. JOURNAL OF APPLIED PHYSICS Volume: 123 Issue: 20 Article Number: 204104 Publ: MAY 28 2018	2018	10	0.544	2.088
	Citare: Large electrocaloric effect in lead-free Ba(ZrxTi1-x)O-3 thick film ceramics By: Jian, Xiao-Dong; Lu, Biao; Li, Dan-Dan; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 742 Pages: 165-171 Published: APR 25 2018	2018	10	0.601	2.202
	Citare: Magnetization reversal in Bi ₅ Ti ₃ Co _{0.5} Fe _{0.5} O ₁₅ ceramics By: Wang, C. H.; Yuan, S. L.; Wang, X. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 738 Pages: 255-262 Published: MAR 25 2018	2018	10	0.601	2.202
	Citare: Dielectric relaxation and study of electrical conduction mechanism in BaZr _{0.1} Ti _{0.9} O ₃ ceramics by correlated barrier hopping model By: Mondal, Tanusree; Das, Sayantani; Sinha, T. P.; et al. MATERIALS SCIENCE-POLAND Volume: 36 Issue: 1 Pages: 112-122 Published: MAR 2018	2018	10	0.137	1.274
	Citare: Direct Measurement of Large Electrocaloric Effect in Ba(ZrxTi1-x)O-3 Ceramics By: Jian, Xiao-Dong; Lu, Biao; Li, Dan-Dan; et al. ACS APPLIED MATERIALS & INTERFACES Volume: 10 Issue: 5 Pages: 4801-4807 Published: FEB 7 2018	2018	10	1.65	4.300



Citare: Observation of multiple dielectric relaxations in BaTiO ₃ -Bi(Li ^{1/3} Ti ^{2/3})O-3 ceramics By: Zhou, Changrong; Feteira, Antonio APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING Volume: 123 Issue: 11 Article Number: 712 Published: NOV 2017	2017	10	0.327	1.654
Citare: A comparative study on electrical conduction properties of Sr-substituted Ba _{1-x} Sr (x) Zr _{0.1} Ti _{0.9} O ₃ (x=0.00-0.15) ceramics By: Mondal, Tanusree; Majee, Bishnu Pada; Das, Sayantani; et al. IONICS Volume: 23 Issue: 9 Pages: 2405-2416 Published: SEP 2017	2017	10	0.319	1.638
Citare: Effects of Composition on Dielectric Properties of (Ba,Ca)(Zr,Ti)O-3 Ceramics for Energy Storage Capacitors By: Zhan, Di; Xu, Qing; Huang, Duan-Ping; et al. JOURNAL OF ELECTRONIC MATERIALS Volume: 46 Issue: 7 Pages: 4503-4511 Published: JUL 2017	2017	10	0.302	1.604
Citare: Influence of ZrO ₂ Addition on the Structure and Dielectric Properties of BaTiO ₃ Ceramics By: Oksuz, K. E.; Sen, S.; Sen, U. ACTA PHYSICA POLONICA A Volume: 131 Issue: 1 Special Issue: SI Pages: 197-199 Published: JAN 2017	2017	10	0.1	1.200
Citare: Investigation of nanosized BaTiO ₃ obtained by novel chemical route: Structural, dielectric and ferroelectric properties By: Ansari, S. M.; Keswani, B. C.; Kolekar, Y. D.; et al. INTEGRATED FERROELECTRICS Volume: 185 Issue: 1 Pages: 155-164 Published: 2017	2017	10	0.061	1.122
Citare: Dielectric properties and defect chemistry of barium titanate ceramics co-doped R and Dy ions (R=Eu, Gd, Tb) By: Lu, Da-Yong; Cui, Shu-Zhen; Liu, Qiao-Li; et al. CERAMICS INTERNATIONAL Volume: 42 Issue: 13 Pages: 14364-14373 Published: OCT 2016	2016	10	0.46	1.920
Citare: Heterogeneous distribution of B-site cations in BaZr _x Ti _{1-x} O ₃ epitaxial thin films grown on (001) SrTiO ₃ by pulsed laser deposition By: Ventura, J.; Polo, M. C.; Ferrater, C.; et al.	2016	10	0.589	2.178



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	Citare: A comparison of different powder compaction processes adopted for synthesis of lead-free piezoelectric ceramics By: Mahesh, M. L. V.; Prasad, V. V. Bhanu; James, A. R. EUROPEAN PHYSICAL JOURNAL B Volume: 89 Issue: 4 Article Number: 108 Published: APR 20 2016	2016	10	0.449	1.898
	Citare: Ferroelectric phase changes and electrocaloric effects in Ba(Zr _{0.1} Ti _{0.9})(1-x) Sn (x) O-3 ceramics solid solution By: Kaddoussi, H.; Gagou, Y.; Lahmar, A.; et al. JOURNAL OF MATERIALS SCIENCE Volume: 51 Issue: 7 Pages: 3454-3462 Published: APR 2016	2016	10	0.561	2.122
	Citare: Dielectric Behavior of (Ba _{0.95} Ca _{0.05})(Zr _{0.15} Ti _{0.842} Mg _{0.008})O-3-(Ba _{0.95} Ca _{0.05})(Zr _{0.08} Ti _{0.92}) O-3 Layered Ceramics By: Miao, Jiyuan; Wu, Ying; Zhang, Zhiqiang; et al. FERROELECTRICS Volume: 492 Issue: 1 Special Issue: SI Pages: 17-24 Published: FEB 19 2016	2016	10	0.115	1.230
35	<i>LUCRARE: Preparation and magnetoelectric properties of NiFe₂O₄-PZT composites obtained in-situ by gel-combustion method; By: Ciomaga, Cristina Elena; Airimioaei, Mirela; Nica, Valentin; et al.</i> <i>JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 32 Issue: 12 Pages: 3325-3337 SEP 2012</i>				0.000
	Citare: Das, BC; Das, H; Matin, MA; Hossain, AKMA, Rietveld refinement analysis and influence of individual phases on the magnetoelectrically coupled (1-x)BSZT plus xNCZGF multiferroic composites, J ALLOY COMPD, vol. 881, art.no. 160632, (2021) 10.1016/J.JALLCOM.2021.160632	2021	9	0.716	2.702



Citare: Ashmawy, MA; Sattar, AA; El-Sayed, HM, Physical and magnetic properties for two types of connectivity of NiFe ₂ O ₄ /PbZr _{0.52} Ti _{0.48} O ₃ (NFO/PZT) composite, APPL PHYS A-MATER, vol. 127(7), art.no. 566, (2021) 10.1007/S00339-021-04711-6	2021	9	0.333	1.851
Citare: Padmapriya, D; Dhayanithi, D; Rahul, MT; Kalarikkal, N; Giridharan, NV, Study of room-temperature magnetoelectric coupling in (1-x)BaTiO ₃ and (x)NiFe ₂ O ₄ multiferroic composites, APPL PHYS A-MATER, vol. 127(4), art.no. 293, (2021) 10.1007/S00339-021-04431-X	2021	9	0.333	1.851
Citare: Satapathy, S; Prudhvi, G; Khan, AA; Deshmukh, P; Ahlawat, A; Meher, KRSP; Karnal, AK, MgFe ₂ O ₄ /(Ba _{0.85} Ca _{0.15}) (Zr _{0.1} Ti _{0.9})O-3 lead free ceramic composite: A study on multiferroic and magnetoelectric coupling properties at room temperature, J ALLOY COMPD, vol. 853, art.no. 156960, (2021) 10.1016/J.JALLCOM.2020.156960	2021	9	0.716	2.702
Citare: Low-Temperature Solution Approaches for the Potential Integration of Ferroelectric Oxide Films in Flexible Electronics By: Bretos, Inigo; Jimenez, Ricardo; Ricote, Jesus; et al. IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL Volume: 67 Issue: 10 Pages: 1967-1979 Published: OCT 2020	2020	9	0.666	2.591
Citare: Magnetoelectric coupling caused by strain mediation in hetero-structured spinel-perovskite multiferroic composites By: Manzoor, Zohaib; Khalid, Ayesha; Mustafa, Ghulam M.; et al. JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 500 Article Number: 166409 Published: APR 15 2020	2020	9	0.459	2.131
Citare: Structural and magnetic characterization of (1-x) KNN-xBLFO ceramic powders obtained by the combustion reaction method y: Sebastian, Elvira-Giraldo; Raigoza, C. F. V.; Sonia, Gaona J. JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 498 Article Number: 166197 Published: MAR 15 2020	2020	9	0.459	2.131



Citare: Magnetically tunable electrical transport of multiferroic $x\text{LaFeO}_3-(1-x)\text{PbZr}_{0.58}\text{Ti}_{0.42}\text{O}_3$ ($x=0.2$ and 0.3) nanocomposites By: Nath, Debajyoti; Mandal, S. K. MATERIALS RESEARCH EXPRESS Volume: 6 Issue: 11 Article Number: 116109 Published: NOV 2019	2020	9	0.235	1.633
Citare: Microstructure and ferroelectric properties under various temperatures of $(1-x)\text{Pb}(\text{Zr}_{0.52}\text{Ti}_{0.48})\text{O}_3-x\text{Ca}(\text{Co}_3\text{O}_4)\text{O}_9$ composite materials By: Wattanasarn, Hassakorn; Aintharasri, Ronnachai; Ngennam, Thawatchai; et al. JOURNAL OF ALLOYS AND COMPOUNDS Vol: 806 Pages: 187-194 Publ: OCT 25 2019	2019	9	0.629	2.509
Citare: ffect of particles size on magnetodielectric, magnetoimpedance and electrical properties of LaFeO_3 nanoparticles By: Nath, Debajyoti; Mandal, S. K.; Debnath, Rajesh; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 30 Issue: 11 Pages: 10082-10093 Published: JUN 2019	2019	9	0.256	1.680
Citare: Synthesis and enhanced magnetoelectric properties of $(1-x)\text{Pb}(\text{Zr}_{0.52}\text{Ti}_{0.48})\text{O}_3 + (x)\text{Co}_{0.9}\text{Mn}_{0.1}\text{Fe}_2\text{O}_4$ composites By: Atif, M.; Atta-ur-Rehman; Ahmed, S.; et al. CERAMICS INTERNATIONAL Volume: 45 Issue: 4 Pages: 4193-4200 Published: MAR 2019	2019	9	0.478	2.173
Citare: AC Conductivity and Dielectric Properties of $(1-x)(0.94\text{Bi}_{0.5})\text{Na}_{0.5}\text{TiO}_3-0.06\text{BaTiO}_3)-x\text{Ta}$ Lead Free Ceramics By: Han, Wook-Hee; Koh, Jung-Hyuk JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY Volume: 19 Issue: 3 Pages: 1410-1414 Published: MAR 2019	2019	9	0.142	1.427
Citare: Ferroelectric, dielectric, ferromagnetic and magnetoelectric properties of the multiferroic heteroepitaxial $\text{NiFe}_2\text{O}_4/\text{Ba}_{0.85}\text{Ca}_{0.15}\text{Ti}_{0.9}\text{Zr}_{0.1}\text{O}_3$ composite thin films deposited via PLD By: Dai, Qingping; Wu, Dongni; Guo, Kaixin; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 29 Issue: 20 Pages: 17333-17340 Published: OCT 2018	2018	9	0.242	1.649



Citare: Structure, Ferroelectric, and Magnetoelectric Properties of Bulk PZT-NiFe _{1.9} Co _{0.02} ?(4-) Composites By: Shut, V. N.; Laletin, V. M.; Syrtsov, S. R.; et al. PHYSICS OF THE SOLID STATE Volume: 60 Issue: 9 Pages: 1744-1751 Published: SEP 2018	2018	9	0	1.111
Citare: Enhanced Magneto-Dielectric Properties of 0.6La(0.1)Bi(0.9)FeO(3)-0.4BaTiO(3)/NiFe ₂ O ₄ Composites Sintered with Powders Prepared with a One-Step Sol-Gel In-Situ Method By: He, L.; Wang, J. H.; Zhong, Z. T.; et al. JOURNAL OF CERAMIC SCIENCE AND TECHNOLOGY Volume: 9 Issue: 2 Pages: 175-182 Published: JUN 2018	2018	9	0.232	1.627
Citare: Zn doped NiFe ₂ O ₄ -Pb (Zr _{0.58} Ti _{0.42})O-3 multiferroic nanocomposites: Magnetoelectric coupling, dielectric and electrical transport By: Mandal, S. K.; Chakraborty, Sarit; Dey, P.; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 747 Pages: 834-845 Published: MAY 30 2018	2018	9	0.601	2.447
Citare: Ba doped Fe ₃ O ₄ nanocrystals: Magnetic field and temperature tuning dielectric and electrical transport By: Dutta, Papia; Mandal, S. K.; Nath, A. MATERIALS RESEARCH EXPRESS Volume: 5 Issue: 5 Article Number: 055003 Published: MAY 2018	2018	9	0.236	1.636
Citare: PZT-nickel ferrite and PZT-cobalt ferrite comparative study: Structural, dielectric, ferroelectric and magnetic properties of composite ceramics By: Bobic, J. D.; Ivanov, M.; Ilic, N. I.; et al. CERAMICS INTERNATIONAL Volume: 44 Issue: 6 Pages: 6551-6557 Published: APR 15 2018	2018	9	0.454	2.120
Citare: Complex dielectric and impedance analysis in a relaxor type ferroelectric/ferrimagnetic magnetoelectric (0.5)PbZr _{0.52} Ti _{0.48} O ₃ +(0.5)CoFe ₂ O ₄ composite By: Atif, M.; Ahmed, S.; Nadeem, M.; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 735 Pages: 880-889 Published: FEB 25 2018	2018	9	0.601	2.447



Citare: Lattice strain induced multiferroicity in PZT-CFO particulate composite By: Pradhan, Lagen Kumar; Pandey, Rabichandra; Kumar, Rajnish; et al. JOURNAL OF APPLIED PHYSICS Volume: 123 Issue: 7 Article Number: 074101 FEB 21 2018	2018	9	0.544	2.320
Citare: Magneto-electric properties of $x\text{Ni}(0.7)\text{Zn}(0.3)\text{Fe}(2)\text{O}(4) - (1-x)\text{BaTiO}_3$ multiferroic composites By: Dzunuzovic, A. S.; Petrovic, M. M. Vijatovic; Bobic, J. D.; et al. CERAMICS INTERNATIONAL Volume: 44 Issue: 1 Pages: 683-694 Published: JAN 2018	2018	9	0.454	2.120
Citare: Signature of magnetoelectric coupling of $x\text{NiFe}(2)\text{O}(4) - (1-x)\text{HoMnO}_3$ ($x=0.1$ and 0.3) multiferroic nanocomposites By: Mandal, S. K.; Debnath, Rajesh; Singh, Swati; et al. JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 443 Pages: 222-232 Published: DEC 1 2017	2018	9	0.433	2.073
Citare: $x\text{Zn}(0.3)\text{Ni}(0.7)\text{Fe}(2)\text{O}(4)-(1-x)\text{HoMnO}_3$ ($x=0.1, 0.3$ and 0.5) nanocomposites: magnetoelectric, magnetodielectric and AC electrical response By: Mandal, S. K.; Debnath, Rajesh; Dey, P.; et al. MATERIALS RESEARCH EXPRESS Volume: 4 Issue: 11 Article Number: 115014 Published: NOV 2017	2017	9	0.239	1.642
Citare: Improvement in dielectric, ferroelectric and ferromagnetic characteristics of $\text{Ba}_{0.9}\text{Sr}_{0.1}\text{Zr}_{0.1}\text{Ti}_{0.9}\text{O}_3\text{-NiFe}_2\text{O}_4$ composites By: Jain, Aditya; Panwar, Amrisha K.; Jha, A. K.; et al. CERAMICS INTERNATIONAL Volume: 43 Issue: 13 Pages: 10253-10262 Published: SEP 2017	2017	9	0.437	2.082
Citare: Enhanced magnetic and magnetoelectric properties of Mn doped multiferroic ceramics By: Dhanalakshmi, B.; Kollu, Pratap; Sekhar, B. Chandra; et al. CERAMICS INTERNATIONAL Volume: 43 Issue: 12 Pages: 9272-9275 Published: AUG 15 2017	2017	9	0.437	2.082



Citare: Ferroelectric, magnetic, magnetoelectric properties of the Ba _{0.9} Ca _{0.1} Ti _{0.9} Zr _{0.1} O ₃ /CoFe ₂ O ₄ laminated composites By: Wang, Yaru; Pu, Yongping; Shi, Yu; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 28 Issue: 15 Pages: 11125-11131 Published: AUG 2017	2017	9	0.23	1.622
Citare: Magnetoelectric properties of lead-free (80Bi(0.5)Na(0.5)TiO(3)-20Bi(0.5)K(0.5)TiO(3))-Ni _{0.8} Zn _{0.2} Fe ₂ O ₄ particulate composites prepared by in situ sol-gel y: Liu, Sheng; Deng, Lianwen; Yan, Shuoqing; et al. JOURNAL OF APPLIED PHYSICS Volume: 122 Issue: 3 Article Number: 034103 Published: 2017	2017	9	0.561	2.358
Citare: Dielectric properties evaluation of NiFe ₂ O ₄ /MWCNTs nanohybrid for microwave applications prepared via novel one step synthesis By: Soomro, Sumair Ahmed; Gut, Iftikhar Hussain; Khan, Muhammad Zarrar; et al. CERAMICS INTERNATIONAL Volume: 43 Issue: 5 Pages: 4090-4095 APR 1 2017	2017	9	0.437	2.082
Citare: Enhanced magnetoelectric properties of the laminated Ba _{0.9} Ca _{0.1} Ti _{0.9} Zr _{0.1} O ₃ /Co _{0.8} Ni _{0.1} Zn _{0.1} Fe ₂ O ₄ composites By: Wang, Yaru; Pu, Yongping; Tian, Yichong; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 696 Pages: 1307-1313 Published: MAR 5 2017	2017	9	0.574	2.387
Citare: Irreversibility in room temperature current-voltage characteristics of NiFe ₂ O ₄ nanoparticles: A signature of electrical memory effect By: Dey, P.; Debnath, Rajesh; Singh, Swati; et al. JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 421 Pages: 132-137 Published: JAN 1 2017	2017	9	0.466	2.147
Citare: Magneto-electric properties of in-situ prepared xCoFe(2)O(4)-(1-x)(Ba-0.85(0.15))(Zr0.1Ti0.9)O-3 particulate composites By: Reddy, Monaji Vinitha; Paul, J. Praveen; Sowmya, N. Shara; et al. CERAMICS INTERNATIONAL Volume: 42	2016	9	0.46	2.133



	Issue: 15 Pages: 17827-17833 Published: NOV 15 2016				
	Citare: Enhanced Ferromagnetic Order in Mn Doped BiFeO ₃ -Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ Multiferroic Composites By: Dhanalakshmi, B.; Rao, P. S. V. Subba; Rao, B. Parvatheeswara; et al. JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY Volume: 16 Issue: 10 Pages: 11089-11093 Published: OCT 2016	2016	9	0.162	1.471
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	Citare: Structural, Electrical, and Dielectric Properties of Multiferroic-Spinel Ferrite Composites By: Nazir, Muhammad Aamir; Ul-Islam, Misbah; Ali, Irshad; et al. JOURNAL OF ELECTRONIC MATERIALS Volume: 45 Issue: 2 Pages: 1065-1072 Published: FEB 2016	2016	9	0.321	1.824
36	LUCRARE: Experimental and analytical modeling of resonant permittivity and permeability in ferroelectric-ferrite composites in microwave range; By: Ciomaga, Cristina E.; Balmus, Sorin B.; Dumitru, Ioan; et al. JOURNAL OF APPLIED PHYSICS Volume: 111 Issue: 12 Article Number: 124114, JUN 15 2012				
	Citare: Fu, YG; Liao, HY; Wang, BL; Wu, Q; Liu, T, Synergistic effects of yolk-shell and nanopore architectures on the microwave absorption performance of Co@void@C nanocomposites, J MAGN MAGN MATER, vol. 531, art.no. 167954, (2021) 10.1016/J.JMMM.2021.167954	2021	4	0.459	4.795



	Citare: Liao, HY; Li, D; Wang, BL; Wu, Q; Liu, T, Microporous Co _{1-x} Fe _x @C nanoparticles: Strong wideband microwave absorbers for reflection loss less than-20 dB, J ALLOY COMPD, vol. 856, art.no. 158175, (2021) 10.1016/J.JALLCOM.2020.158175	2021	4	0.716	6.080
	Citare: Bead-like cobalt nanoparticles coated with dielectric SiO ₂ and carbon shells for high-performance microwave absorber By: Wang, Baolei; Liao, Haoyan; Xie, Xiubo; et al. JOURNAL OF COLLOID AND INTERFACE SCIENCE Volume: 578 Pages: 346-357 Published: OCT 15 2020	2020	4	1.063	7.815
	Citare: Microporous Co/rGO nanocomposites: Strong and broadband microwave absorber with well-matched dielectric and magnetic loss By: Liao, Haoyan; Li, Da; Zhou, Chen; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 782 Pages: 556-565 Published: APR 25 2019	2019	4	0.629	5.645
	Citare: Microporous Co@C Nanoparticles Prepared by Dealloying CoAl@C Precursors: Achieving Strong Wideband Microwave Absorption via Controlling Carbon Shell Thickness By: Li, Da; Liao, Haoyan; Kikuchi, Hiroaki; et al. ACS APPLIED MATERIALS & INTERFACES Volume: 9 Issue: 51 Pages: 44704-44714 Published: DEC 27 2017	2017	4	1.634	10.670
	Citare: Permeability measurement and control for epoxy composites By: Chang, Tsun-Hsu; Tsai, Cheng-Hung; Wong, Wei-Syuan; et al. APPLIED PHYSICS LETTERS Volume: 111 Issue: 9 Article Number: 094102 2017	2017	4	0.927	7.135
37	LUCRARE: Oxygen deficiency and grain boundary-related giant relaxation in Ba(Zr,Ti)O-3 ceramics By: Ciomaga, Cristina E.; Buscaglia, Maria T.; Buscaglia, Vincenzo; et al. JOURNAL OF APPLIED PHYSICS Volume: 110 Issue: 11 Article Number: 114110 DEC 1 2011				



Citare: Verma, R; Chauhan, A; Batoo, KM; Hadi, M; Raslan, EH; Kumar, R; Ijaz, MF; Assaifan, AK, Structural, optical, and electrical properties of vanadium-doped, lead-free BCZT ceramics, J ALLOY COMPD, vol. 869, art.no. 159520, (2021) 10.1016/J.JALLCOM.2021.159520	2021	4	0.716	6.080
Citare: Abd Elmadjid, K; Gheorghiu, F; Zerdali, M; Turcan, I; Hamzaoui, S, Structural, Magnetic, Dielectric and Piezoelectric Properties of Multiferroic PbTi1-xFexO3-delta Ceramics, MATERIALS, vol. 14(4), art.no. 927, (2021) 10.3390/MA14040927	2021	4	0.595	5.475
Citare: Spray-flame synthesis of BaTi1-xZrxO3 nanoparticles for energy storage applications By: Tarasov, A.; Shvartsman, V. V.; Shoja, S.; et al. CERAMICS INTERNATIONAL Volume: 46 Issue: 9 Pages: 13915-13924 Published: JUN 15 2020	2020	4	0.545	5.225
Citare: Tailoring the electric and magnetic properties of Ba0.8Sr0.2TiO3 ceramics by unsaturated Fe-doping By: Wang, Junjun; Lu, Xiaomei; Gong, Baolian; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 31 Issue: 12 Pages: 9860-9869 Published: JUN 2020	2020	4	0.283	3.915
Citare: Colossal dielectric constant and ferroelectric investigation of BaTiO3 nano-ceramics By: Humera, Nudrat; Riaz, Saira; Ahmad, Naveed; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 31 Issue: 7 Pages: 5402-5415 Published: APR 2020	2020	4	0.283	3.915
Citare: Investigation of the structural, optical, elastic and electrical properties of spinel LiZn2Fe3O8 nanoparticles annealed at two distinct temperatures By: Bouokkeze, D.; Massoudi, J.; Hzez, W.; et al. RSC ADVANCES Volume: 9 Issue: 70 Pages: 40940-40955 Published: DEC 12 2019	2019	4	0.515	5.075



Citare: Preparation, structural and functional properties of PbTiO ₃ -delta ceramics By: Abd Elmadjid, Khiat; Gheorghiu, Felicia; Zerdali, Mokhtar; et al. CERAMICS INTERNATIONAL Volume: 45 Issue: 7 Pages: 9043-9047 Part: A Published: MAY 2019	2019	4	0.478	4.890
Citare: Fabrication and electrical investigations of PbTiO ₃ ceramics with Pb/Ti contents through solid state sintering reaction method By: Sareecha, N.; Shah, W. A.; Mirza, M. L.; et al. MATERIALS CHEMISTRY AND PHYSICS Volume: 214 Pages: 8-16 Published: AUG 1 2018	2018	4	0.407	4.535
Citare: Effect of oxygen treatment on structure and electrical properties of Mn-doped Ca _{0.6} Sr _{0.4} TiO ₃ ceramics By: Zhang, Lin; Yao, Zhonghua; Lanagan, Michael T.; et al. JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 38 Issue: 6 Pages: 2534-2540 Published: JUN 2018	2018	4	0.707	6.035
Citare: Colossal dielectric behavior and relaxation in Nd-doped BaTiO ₃ at low temperature By: Liu, Qiaoli; Liu, Junwei; Lu, Dayong; et al. CERAMICS INTERNATIONAL Volume: 44 Issue: 6 Pages: 7251-7258 Published: APR 15 2018	2018	4	0.454	4.770
Citare: Optimum discharge energy density at room temperature in relaxor K _{1/2} Bi _{1/2} TiO ₃ for green energy harvesting By: Banerjee, Krishnarjun; Asthana, Saket; Kumari, P. Karuna; et al. JOURNAL OF PHYSICS D-APPLIED PHYSICS Volume: 51 Issue: 11 Article Number: 115501 Published: MAR 21 2018	2018	4	0.701	6.005
Citare: Electrical investigations of Bi-doped BaTiO ₃ ceramics as a function of temperature By: Sareecha, N.; Shah, W. A.; Mirza, M. L.; et al. PHYSICA B-CONDENSED MATTER Volume: 530 Pages: 283-289 Published: FEB 1 2018	2018	4	0.29	3.950
Citare: Temperature-dependent dielectric relaxation and high tunability of (Ba _{1-x} Sr _x)TiO ₃ ceramics By: Ge, Peng-Zu; Tang, Xin-Gui; Liu, Qiu-Xiang; et al. JOURNAL OF ALLOYS AND COMPOUNDS	2018	4	0.601	5.505



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	Citare: Bizarre dielectric anomalies in magnetoelectric composites of CoFe ₂ O ₄ and BaTi _{0.9} Zr _{0.1} O ₃ By: Mathur, Shubhra; Srivastava, Subodh; Surve, Sachin; et al. MATERIALS RESEARCH EXPRESS Volume: 4 Issue: 12 Article Number: 126101 Published: DEC 2017	2017	4	0.239	3.695
	Citare: A comparative study on electrical conduction properties of Sr-substituted Ba _{1-x} Sr(x)Zr _{0.1} Ti _{0.9} O ₃ (x=0.00-0.15) ceramics By: Mondal, Tanusree; Majee, Bishnu Pada; Das, Sayantani; et al. IONICS Volume: 23 Issue: 9 Pages: 2405-2416 Published: SEP 2017	2017	4	0.319	4.095
	Citare: Electrical investigations of BaTiO ₃ ceramics with Ba/Ti contents under influence of temperature By: Sareecha, Nasira; Shah, W. Ali; Anis-ur-Rehman, M.; et al. SOLID STATE IONICS Volume: 303 Pages: 16-23 Published: MAY 2017	2017	4	0.539	5.195
	Citare: An approach for correlating the structural and electrical properties of Zr ⁴⁺ -modified SrBi ₄ Ti ₄ O ₁₅ /SBT ceramic By: Nayak, Priyambada; Badapanda, Tanmaya; Singh, Anil Kumar; et al. RSC ADVANCES Volume: 7 Issue: 27 Pages: 16319-16331 Published: 2017	2017	4	0.564	5.320
	Citare: Relaxation Associated with Oxygen Vacancies at High Temperatures and Leakage Current in Ba(x)Sr _{1-x} TiO ₃ Ceramics By: Chen, Feng; Liu, Qiu-Xiang; Tang, Xin-Gui; et al. JOURNAL OF ELECTRONIC MATERIALS Volume: 45 Issue: 6 Pages: 3174-3182 Published: JUN 2016	2016	4	0.321	4.105



	Citare: Diffusion phase transition and impedance spectroscopy of Bi ₂ O ₃ /CuO co-doped BCZT lead-free ceramics By: Wang, Xiaofang; Liang, Pengfei; Wei, Lingling; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 27 Issue: 4 Pages: 3217-3226 Published: APR 2016	2016	4	0.227	3.635
	Citare: Enhanced ionic conductivity of Ag addition in acceptor-doped Bi _{0.5} Na _{0.5} TiO ₃ ferroelectrics By: Liu, Xiao; Fan, Huiqing; Shi, Jing; et al. RSC ADVANCES Vol: 6 Issue: 36 Pages: 30623-30627 Publ: 2016	2016	4	0.59	5.450
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	Citare: Fabrication of chitosan-coated mixed spinel ferrite integrated with graphene oxide (GO) for magnetic extraction of viral RNA for potential detection of SARS-CoV-2 Singh, V; Batoo, KM and Singh, M Dec 2021 APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING 127 (12)	2021	7	0.333	2.380
	Citare: Jamshaid, M; Khan, MI; Khan, HM; Rauf, A; Kumar, OP; Akhtar, MN; Iqbal, S; Shanableh, A; Rehman, AU, Sm-Co substituted M-type lead hexaferrite for dielectric properties and visible light driven methylene blue degradation in industrial wastewater, DESALIN WATER TREAT, vol. 226, pp. 431-440, , (2021) 10.5004/DWT.2021.27274	2021	7	0.177	1.934
	Citare: El-Sbakh, FS; Abdel-Ati, MI; Abdelghany, AM; Hemeda, OM, Structural, spectral, rietveld refinement and cation distribution of nanoferrite NiFe ₂ O ₄ doped with Mn, EUR PHYS J PLUS, vol. 136(5), art.no. 550, (2021) 10.1140/EPJP/S13360-021-01518-5	2021	7	0.557	3.020



Citare: Effect of Mn ²⁺ doping on structural, magnetic and electrical properties of Ni _{0.5-x} Mn _x Cu _{0.2} Cd _{0.3} Fe ₂ O ₄ nano ferrites prepared by sol-gel auto combustion method for high-frequency applications By: Hossen, M. Moazzam; Nasrin, S.; Hossen, M. Belal PHYSICA B-CONDENSED MATTER Volume: 59 Article Number: 412456 Published: DEC 15 2020	2020	7	0.349	2.426
Citare: Evaluation of structural and dielectric properties of Mn ²⁺ -substituted Zn-spinel ferrite nanoparticles for gas sensor applications By: Deepty, M.; Srinivas, Ch; Kumar, E. Ranjith; et al. SENSORS AND ACTUATORS B-CHEMICAL Volume: 316 Article Number: 128127 Published: JUL 15 2020	2020	7	0.994	4.269
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Citare: Synthesis of ZnO nanoparticles for oil-water interfacial tension reduction in enhanced oil recovery By: Soleimani, Hassan; Baig, Mirza Khurram; Yahya, Noorhana; et al. APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING Volume: 124 Issue: 2 Article Number: 128 Published: FEB 2018	2018	7	0.308	2.309
Citare: Mossbauer spectroscopy of Mg _x Cu _{0.5-x} Zn _{0.5} Fe ₂ O ₄ (x=0.0, 0.2 and 0.5) ferrites system irradiated by gamma-rays By: Ahmed, M. A.; Hassan, H. E.; Eltabey, M. M.; et al. PHYSICA B-CONDENSED MATTER Volume: 530 Pages: 195-200 Published: FEB 1 2018	2018	7	0.29	2.257



Citare: Dissolution of chromite in oxidizing media and sorption of dissolved metal ion onto in situ formed manganese dioxide By: Vadivelu, Balaji; Palogi, Chandramohan; Madapusi, Srinivasan P.; et al. JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY Volume: 314 Issue: 3 Pages: 2019-2027 Published: DEC 2017	2017	7	0.208	2.023
Citare: Studies on the Properties of Manganese Substituted Nickel Ferrite Nanoparticles By: Kesavamoorthi, R.; Raja, C. Ramachandra JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM Volume: 29 Issue: 11 Pages: 2729-2734 Published: NOV 2016	2016	7	0.179	1.940
Citare: Structural, Morphological, Optical and Magnetic Properties of Al-Doped CoFe ₂ O ₄ Nanoparticles Prepared by Sol-Gel Auto-Combustion Method By: Ansari, Sara; Arabi, Hadi; Sadr (Zareii), Seyyed Mojtaba Alavi JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM Volume: 29 Issue: 6 Pages: 1525-1532 Published: JUN 2016	2016	7	0.179	1.940
Citare: Effect of doping of manganese ions on the structural and magnetic properties of nickel ferrite By: Aakash; Choubey, Ravikant; Das, Dipankar; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 668 Pages: 33-39 Published: MAY 25 2016	2016	7	0.552	3.006
Citare: Hydrothermal synthesis of mixed zinc-cobalt ferrite nanoparticles: structural and magnetic properties By: Coppola, P.; da Silva, F. G.; Gomide, G.; et al. JOURNAL OF NANOPARTICLE RESEARCH Volume: 18 Issue: 5 Article Number: 138 Published: MAY 23 2016	2016	7	0.451	2.717
Citare: Mossbauer studies on Mn substituted CoFe ₂ O ₄ /SiO ₂ nanocomposites synthesized by sol-gel method By: Hua, Jie; Liu, Yang; Wang, Li; et al. JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 402 Pages: 166-171 Published: MAR 15 2016	2016	7	0.456	2.731



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39	<i>LUCRARE: Magnetoelectric ceramic composites with double-resonant permittivity and permeability in GHz range: A route towards isotropic metamaterials</i> By: Ciomaga, C. E.; Dumitru, I.; Mitoseriu, L.; et al. SCRIPTA MATERIALIA Volume: 62 Issue: 8 Pages: 610-612 Published: APR 2010				
	Citare: Yin, F; Yan, KL; Shen, LM; Bao, NZ, Metallic ferromagnetic selenospinel composites of $\text{CuCr}_2\text{Se}_4\text{-CdCr}_2\text{Se}_4$ with double negative electromagnetic parameters, APPL PHYS LETT, vol. 118(18), art.no. 181904, (2021) 10.1063/5.0049612	2021	7	0.887	3.963
	Citare: Fan, GH; Wang, ZY; Ren, H; Liu, Y; Fan, RH, Dielectric dispersion of copper/rutile cermets: Dielectric resonance, relaxation, and plasma oscillation, SCRIPTA MATER, vol. 190, pp. 1-6, , (2021) 10.1016/J.SCRIPTAMAT.2020.08.027	2021	7	1.409	5.454
	Citare: Metallic ferromagnetic selenospinel composites of $\text{CuCr}_2\text{Se}_4\text{-CdCr}_2\text{Se}_4$ with double negative electromagnetic parameters Yin, F; Yan, KL; (...); Bao, NZ May 3 2021 APPLIED PHYSICS LETTERS 118 (18)	2021	7	0.887	3.963
	Citare: Dielectric dispersion of copper/rutile cermets: Dielectric resonance, relaxation, and plasma oscillation Fan, GH; Wang, ZY; (...); Fan, RH Jan 1 2021 SCRIPTA MATERIALIA 190 , pp.1-6	2021	7	1.409	5.454
	Citare: Epsilon-negative BaTiO_3/Cu composites with high thermal conductivity and yet low electrical conductivity By: Wang, Zhongyang; Sun, Kai; Xie, Peitao; et al.	2020	7	1.566	5.903



JOURNAL OF MATERIONICS Volume: 6 Issue: 1 Pages: 145-151 Published: MAR 2020				
Citare: Design and analysis of negative permittivity behaviors in barium titanate/nickel metacomposites By: Wang, Zhongyang; Sun, Kai; Xie, Peitao; et al. ACTA MATERIALIA Volume: 185 Pages: 412-419 Published: FEB 15 2020	2020	7	2.075	7.357
Citare: Direct Observation of Stable Negative Capacitance in SrTiO ₃ @BaTiO ₃ Heterostructure By: Wang, Zhongyang; Li, Hongyu; Hu, Huiying; et al. ADVANCED ELECTRONIC MATERIALS Volume: 6 Issue: 2 Article Number: 1901005 Pub. FEB 2020	2020	7	1.671	6.203
Citare: Generation mechanism of negative permittivity and Kramers-Kronig relations in BaTiO ₃ /Y ₃ Fe ₅ O ₁₂ multiferroic composites By: Wang, Zhongyang; Sun, Kai; Xie, Peitao; et al. JOURNAL OF PHYSICS-CONDENSED MATTER Volume: 29 Issue: 36 Article Number: 365703 Published: SEP 13 2017	2017	7	0.805	3.729
Citare: Effect of Nd-doping on structure and microwave electromagnetic properties of BiFeO ₃ By: Liu, Sheng; Luo, Heng; Yan, Shuoqing; et al. JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 426 Pages: 267-272 Published: MAR 15 2017	2017	7	0.466	2.760
Magneto-electric coupling in multiferroic nanocomposites of the type x (Na _{0.5} K _{0.5})(0.94)Li _{0.06} NbO ₃ - (1-x) CoFe ₂ O ₄ : Role of ferrite phase By: Rakhikrishna, R.; Isaac, J.; Philip, J. CERAMICS INTERNATIONAL Volume: 43 Issue: 1 Pages: 664-671 Part: A Pub.: JAN 2017	2017	7	0.437	2.677
Citare: Multiple parallel twinning overgrowth in nanostructured dense cobalt ferrite By: Galizia, Pietro; Baldisserri, Carlo; Capiati, Claudio; et al. MATERIALS & DESIGN Volume: 109 Pages: 19-26 Published: NOV 5 2016	2016	7	0.956	4.160



	<p>Citare: Tunable Electromagnetic and Microwave Absorption Properties of Ba₃Co₂Fe₂₄O₄₁/P(VDF-TrFE) Composites By: Wang, Xian; Song, Kai; Gong, Wei; et al. IEEE TRANSACTIONS ON MAGNETICS Volume: 52 Issue: 11 Article Number: 2800804 Pub: NOV 2016</p>	2016	7	0.348	2.423
	<p>Citare: Broadband dielectric spectroscopy of inhomogeneous and composite weak conductors By: Petzelt, J.; Nuzhnyy, D. PHASE TRANSITIONS Volume: 89 Issue: 7-8 Special Issue: SI Pages: 651-666 Published: JUL-AUG 2016</p>	2016	7	0.227	2.077
40	<p><i>LUCRARE: Ferroelectric-relaxor crossover characteristics in Ba(ZrxTi1-x)O-3 ceramics investigated by AFM-piezoresponse study By: Ricinschi, Dan; Ciomaga, Cristina Elena; Mitoseriu, Liliana; et al. JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 30 Issue: 2 Special Issue: SI Pages: 237-241 Published: JAN 2010</i></p>				
	<p>Citare: Tao, H; Yin, J; Zhao, CL; Wu, JG, Relaxor behavior of potassium sodium niobate ceramics by domain evolution, J EUR CERAM SOC, vol. 41(1), pp. 335-343, , (2021) 10.1016/J.EURCERAMSOC.2020.08.040</p>	2021	5	0.808	5.232
	<p>Citare: Interfacial coupling modulation to the electrocaloric effect of Ba(Zr, Ti)O-3 multilayered thick films By: Hou, Ying; Huang, Xiaohua; Zhao, Xiaobo; et al. JOURNAL OF APPLIED PHYSICS Volume: 125 Issue: 21 Article Number: 214105 Published: JUN 7 2019</p>	2019	5	0.514	4.056
	<p>Citare: Ultra-low hysteresis electric field-induced strain with high electrostrictive coefficient in lead-free Ba(ZrxTi1-x)O-3 ferroelectrics By: Jin, Li; Qiao, Jun; Wang, Liang; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 784 Pages: 931-938 Published: MAY 5 2019</p>	2019	5	0.629	4.516
	<p>Citare: Sintering aids modified electrocaloric response in BaZr0.2Ti0.8O3 bilayer films By: Hou, Ying; Yang, Lu; Zhao, Xiaobo; et al. JOURNAL</p>	2017	5	0.574	4.296



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	Citare: State transition and electrocaloric effect of BaZrxTi1-xO3: Simulation and experiment By: Ma, Yang-Bin; Molin, Christian; Shvartsman, Vladimir V.; et al. JOURNAL OF APPLIED PHYSICS Volume: 121 Issue: 2 Published: JAN 14 2017	2017	5	0.561	4.244
	Citare: Electrocaloric response near room temperature in Zr- and Sn-doped BaTiO3 systems By: Hou, Ying; Yang, Lu; Qian, Xiaoshi; et al. PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY A-MATHEMATICAL PHYSICAL AND ENGINEERING SCIENCES Volume: 374 Issue: 2074 Article Number: 20160055 Published: AUG 13 2016	2016	5	1.465	7.860
	Citare: Enhanced electrocaloric effect in composition gradient bilayer thick films By: Hou, Ying; Yang, Lu; Qian, Xiaoshi; et al. APPLIED PHYSICS LETTERS Volume: 108 Issue: 13 Article Number: 133501 Published: MAR 28 2016	2016	5	0.969	5.876
41	<i>LUCRARE: Preparation and properties of the CoFe2O4-Nb-Pb(Zr,Ti)O-3 multiferroic composites prepared in situ by gel-combustion method By: Ciomaga, C. E.; Galassi, C.; Prihor, F.; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 485 Issue: 1-2 Pages: 372-378 Published: OCT 19 2009</i>				
	Citare: Dzunuzovic, AS; Petrovic, MMV; Bobic, JD; Ilic, NI; Stojanovic, BD, Magnetoelectric properties of materials based on barium zirconium titanate and various magnetic compounds, PROCESS APPL CERAM, vol. 15(3), pp. 256-269, , (2021) 10.2298/PAC2103256D	2021	8	2.52	7.550
	Citare: Ferromagnetic and dielectric properties of lead free KNbO3-CoFe2O4 composites By: Raja, S.; Vadivel, M.; Babu, R. Ramesh; et al. SOLID STATE SCIENCES Volume: 85 Pages: 60-69 Published: NOV 2018	2018	8	0.337	2.093



	<p>Citare: Synthesis and characterization of (100-x) Ba_{0.82}Sr_{0.03}Ca_{0.15}Zr_{0.10}Ti_{0.90}O₃ + (x) Mg_{0.25}Cu_{0.25}Zn_{0.5}Mn_{0.05}Fe_{1.95}O₄ composites with improved magnetoelectric voltage coefficient By: Shovon, Osman Goni; Rahaman, Md. D.; Tahsin, Sadiya; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 735 Pages: 291-311 Published: FEB 25 2018</p>	2018	8	0.601	2.753
	<p>Citare: Structural and complex electromagnetic properties of cobalt ferrite (CoFe₂O₄) with an addition of niobium pentoxide By: Carvalho, F. E.; Lemos, L. V.; Migliano, A. C. C.; et al. CERAMICS INTERNATIONAL Volume: 44 Issue: 1 Pages: 915-921 Published: JAN 2018</p>	2018	8	0.454	2.385
	<p>Citare: Multiple parallel twinning overgrowth in nanostructured dense cobalt ferrite By: Galizia, Pietro; Baldisserri, Carlo; Capiati, Claudio; et al. MATERIALS & DESIGN Volume: 109 Pages: 19-26 Published: NOV 5 2016</p>	2016	8	0.956	3.640
42	<p><i>LUCRARE: In situ preparation of CoFe₂O₄-Pb(ZrTi)O₃ multiferroic composites by gel-combustion technique</i> <i>By: Iordan, A. R.; Airimioaiei, M.; Palamaru, M. N.; et al. JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 29 Issue: 13 Pages: 2807-2813 Published: OCT 2009</i></p>				
	<p>Citare: Bagherzadeh, SB; Kazemeini, M; Mahmoodi, NM, Preparation of novel and highly active magnetic ternary structures (metal-organic framework/cobalt ferrite/graphene oxide) for effective visible-light-driven photocatalytic and photo-Fenton-like degradation of organic contaminants, J COLLOID INTERF SCI, vol. 602, pp. 73-94, , (2021) 10.1016/J.JCIS.2021.05.181</p>	2021	9	1.063	3.473
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	MATERIALS IN ELECTRONICS Volume: 31 Issue: 21 Pages: 18673-18682 Published: NOV 2020				
	Citare: Structural modification and evaluation of dielectric and ferromagnetic properties of Ce- modified BiFeO ₃ -BaTiO ₃ ceramics By: Mostari, Mst Sharmin; Islam, Nurul; Matin, Md Abdul CERAMICS INTERNATIONAL Volume: 46 Issue: 10 Pages: 15840-15850 Part: B Published: JUL 2020	2020	9	0.545	2.322
	Citare: Magnetoelectric Properties of Co _{1-x} Ni _x Fe ₂ O ₄ /BaTiO ₃ Heterostructures with 3-3 Connectivity Obtained by Eutectic Crystallization By: Breitenbach, Martin; Doerr, Kathrin; Ebbinghaus, Stefan G. PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS Volume: 257 Issue: 7 Special Issue: SI Article Number: 1900618 Published: JUL 2020	2020	9	0.377	1.949
	Citare: Magnetoelectric and HR-STEM investigations on eutectic CoFe ₂ O ₄ -Ba _{1-x} Sr _x TiO ₃ composites By: Breitenbach, Martin; Deniz, Hakan; Ebbinghaus, Stefan G. JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS Volume: 135 Article Number: 109076 Published: DEC 2019	2019	9	0.429	2.064
	Citare: Multiferroic properties of PbFe _{1/2} O ₁₉ - PbTiO ₃ composite ceramics By: Mishra, Debesh D.; Tewelde, Daniel M.; Wang, Min; et al. JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRONICS Volume: 30 Issue: 11 Pages: 10830-10834 Published: JUN 2019	2019	9	0.256	1.680
	Citare: Microwave assisted sintering of nanocrystalline PMN-PT/CoFe ₂ O ₄ prepared by rapid one pot pechini synthesis: Dielectric and magnetoelectric characteristics By: Fernandez Perdomo, Claudia P.; Kiminami, Ruth H. G. A.; Garcia, Ducinei. CERAMICS INTERNATIONAL Volume: 45	2019	9	0.478	2.173



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	Citare: Lead Zirconate Titanate/Modified Nickel Ferrite Magnetoelectric Composites Prepared from Submicron Precursors By: Lisnevskaya, I. V. INORGANIC MATERIALS Volume: 54 Issue: 12 Pages: 1277-1290 Published: DEC 2018	2018	9	0	1.111
	Citare: PZT-nickel ferrite and PZT-cobalt ferrite comparative study: Structural, dielectric, ferroelectric and magnetic properties of composite ceramics By: Bobic, J. D.; Ivanov, M.; Ilic, N. I.; et al. CERAMICS INTERNATIONAL Volume: 44 Issue: 6 Pages: 6551-6557 Published: APR 15 2018	2018	9	0.454	2.120
	Citare: Lattice strain induced multiferroicity in PZT-CFO particulate composite By: Pradhan, Lagen Kumar; Pandey, Rabichandra; Kumar, Rajnish; et al. JOURNAL OF APPLIED PHYSICS Volume: 123 Issue: 7 Article Number: 074101 Published: FEB 21 2018	2018	9	0.544	2.320
	Citare: Phase-pure eutectic CoFe ₂ O ₄ -Ba _{1-x} Sr _x TiO ₃ composites prepared by floating zone melting By: Breitenbach, Martin; Ebbinghaus, Stefan G. JOURNAL OF CRYSTAL GROWTH Volume: 483 Pages: 81-88 Published: FEB 1 2018	2018	9	0.329	1.842
	Citare: Yttrium iron garnet - lead-barium titanate particulate multiferroic composites By: Lisnevskaya, Inna V.; Myagkaya, Ksenia V.; Bobrova, Irina A. FERROELECTRICS Volume: 531 Issue: 1 Pages: 131-142 Published: 2018	2018	9	0.124	1.387
	Citare: In situ sol-gel co-synthesis at as low hydrolysis rate and microwave sintering of PZT/Fe ₂ CoO ₄ magnetoelectric composite ceramics By: Fernandez, Claudia P.; Zabotto, Fabio L.; Garcia, Ducinei; et al. CERAMICS INTERNATIONAL Volume: 43	2017	9	0.437	2.082



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	Citare: Effect of magnetic CoFe ₂ O ₄ component on sintering densification process of Bi _{3.15} Nd _{0.85} Ti ₃ O ₁₂ ceramics By: Zhang, Hongjun; Ke, Hua; Zhang, Liwei; et al. JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 37 Issue: 5 Pages: 2115-2122 Published: MAY 2017	2017	9	0.679	2.620
	Citare: In situ sol gel co-synthesis under controlled pH and microwave sintering of PZT/CoFe ₂ O ₄ magnetoelectric composite ceramics By: Fernandez, Claudia P.; Zabotto, Fabio L.; Garcia, Ducinei; et al. CERAMICS INTERNATIONAL Volume: 42 Issue: 2 Pages: 3239-3249 Part: B Published: FEB 1 2016	2016	9	0.46	2.133
	Citare: Structural and dielectric properties of multiferroic (1-x)(0.675PMN-0.325PT)/(x)CoFe ₂ O ₄ particulate composites obtained by microwave sintering By: Fernandez, C. P.; Kiminami, R. H. G. A.; Garcia, D. INTEGRATED FERROELECTRICS Volume: 174 Issue: 1 Special Issue: SI Pages: 146-154 Pub: 2016	2016	9	0.08	1.289
	Citare: Bilayer thick structures based on CoFe ₂ O ₄ /TiO ₂ composite and niobium-doped PZT obtained by electrophoretic deposition By: Galizia, Pietro; Ciuchi, Ioana Veronica; Gardini, Davide; et al. JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 36 Issue: 2 Special Issue: SI Pages: 373-380 Published: JAN 2016	2016	9	0.701	2.669
43	<i>LUCRARE: Temperature-Dependent Tunability in the Paraelectric State of BaTiO₃-Based Solid Solutions</i> <i>By: Curecheriu, Lavinia P.; Ciomaga, Cristina E.; Mitoseriu, Liliana</i>				



	<i>FERROELECTRICS Volume: 391 Pages: 83-90 Published: 2009</i>				
	Citare: Dubey, DN; Singh, G; Tripathi, S, Relaxor ferroelectricity driven by 'A' and 'B' site off-centered displacements in cubic phase with Pm(3)over-barm space group, J PHYS D APPL PHYS, vol. 54(36), art.no. 365304, (2021) 10.1088/1361-6463/AC0BDA	2021	3	0.68	7.867
	Citare: Temperature Evolution of Physical Properties of BaTi0.9(Nb0.5Yb0.5)(0.1)O-3 Lead-Free Ceramic By: Abdelkafi, Z.; Abdelmoula, N.; Khemakhem, H. JOURNAL OF ELECTRONIC MATERIALS Volume: 45 Issue: 11 Pages: 6019-6025 Published: NOV 2016	2016	3	0.321	5.473
	Citare: Diffuse phase transition and high electric field properties of BaCeyTi1-yO3 relaxor ferroelectric ceramics By: Curecheriu, L. P.; Ciomaga, C. E.; Musteata, V.; et al. CERAMICS INTERNATIONAL Volume: 42 Issue: 9 Pages: 11085-11092 Published: JUL 2016	2016	3	0.46	6.400
44	<i>LUCRARE: Study of the frequency-dependence of the complex permittivity in Ba(Zr, Ti)O-3 ceramics: evidences of the grain boundary phenomena By: Mitoseriu, L.; Ciomaga, C. E.; Dumitru, I.; et al. JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 10 Issue: 7 Pages: 1843-1846 Published: JUL 2008</i>				
	Citare: High temperature AC conductivity analysis of ZnO nanoparticles doped BaZr0.15Ti0.85O3 relaxor ceramics By: Rafiq, Muhammad Asif; Muhammad, Qaisar Khushi; Waqar, Moaz; et al. PHYSICA B-CONDENSED MATTER Volume: 587 Article Number: 412147 Published: JUN 15 2020	2020	6	0.349	2.830



45	LUCRARE: High-voltage tunability measurements of the BaZrxTi1-xO3 ferroelectric ceramics By: Tufescu, F. M.; Curecheriu, L.; Ianculescu, A.; et al. JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 10 Issue: 7 Pages: 1894-1897 Pub. 2008				
	Citare: Effect of Porosity on Functional Properties of Lead-Free Piezoelectric BaZr(0.15)Ti(0.85)O(3)Porous Ceramics By: Curecheriu, Lavinia; Lukacs, Vlad Alexandru; Padurariu, Leontin; et al. MATERIALS Volume: 13 Issue: 15 Article Number: 3324 Published: AUG 2020	2020	5	0.595	4.380
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	Citare: Padmapriya, D; Dhayanithi, D; Rahul, MT; Kalarikkal, N; Giridharan, NV, Study of room-temperature magnetoelectric coupling in (1-x)BaTiO3 and (x)NiFe2O4 multiferroic composites, APPL PHYS A-MATER, vol. 127(4), art.no. 293, (2021) 10.1007/S00339-021-04431-X	2021	6	0.333	2.777
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Citare: Improved magneto-capacitance response in combustion derived BaTiO ₃ -(CoFe ₂ O ₄ /ZnFe ₂ O ₄ /Co _{0.5} Zn _{0.5} Fe ₂ O ₄) composites By: Pachari, Sreenivasulu; Pratihari, Swadesh K.; Nayak, Bibhuti B. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 784 Pages: 897-905 Published: MAY 5 2019	2019	6	0.629	3.763
Citare: Lead Zirconate Titanate/Modified Nickel Ferrite Magnetolectric Composites Prepared from Submicron Precursors By: Lisnevskaya, I. V. INORGANIC MATERIALS Volume: 54 Issue: 12 Pages: 1277-1290 Published: DEC 2018	2018	6	0	1.667
Citare: Dielectric and impedance properties of Li _{0.5} Fe _{2.5} O ₄ doped BaTiO ₃ composite ceramics By: Gajula, Ganapathi Rao; Kumar, K. N. Chidambara; Buddiga, Lakshmi Rekha; et al. RESULTS IN PHYSICS Volume: 11 Pages: 899-904 Published: DEC 2018	2018	6	0.368	2.893
Citare: Studies on structural, dielectric, conductivity, magnetic and magneto-electric properties of barium titanate doped with lithium ferrite By: Gajula, Ganapathi Rao; Buddiga, Lakshmi Rekha; Ch, Arun Kumar; et al. PHYSICA B-CONDENSED MATTER Volume: 543 Pages: 38-45 Published: AUG 15 2018	2018	6	0.29	2.633
Citare: PZT-nickel ferrite and PZT-cobalt ferrite comparative study: Structural, dielectric, ferroelectric and magnetic properties of composite ceramics By: Bobic, J. D.; Ivanov, M.; Ilic, N. I.; et al. CERAMICS INTERNATIONAL Volume: 44 Issue: 6 Pages: 6551-6557 Published: APR 15 2018	2018	6	0.454	3.180



	Citare: Various properties of the 0.6BaTiO(3)-0.4Ni(0.5)Zn(0.5)Fe(2)O(4) multiferroic nanocomposite By: Chauhan, Renuka; Srivastava, R. C. PRAMANA-JOURNAL OF PHYSICS Volume: 87 Issue: 4 Article Number: 45 Published: OCT 2016	2016	6	0.138	2.127
	Citare: Effect of lithium ferrite on ferroelectric and magnetic characteristics of barium titanate for high frequency applications By: Rao, G. Ganapathi; Samatha, K.; Bharadwaj, S.; et al. MODERN PHYSICS LETTERS B Volume: 30 Issue: 24 Article Number: 1650311 Published: SEP 10 2016	2016	6	0.129	2.097
	Citare: In situ sol gel co-synthesis under controlled pH and microwave sintering of PZT/CoFe ₂ O ₄ magnetoelectric composite ceramics By: Fernandez, Claudia P.; Zabotto, Fabio L.; Garcia, Ducinei; et al. CERAMICS INTERNATIONAL Volume: 42 Issue: 2 Pages: 3239-3249 Part: B Published: FEB 1 2016	2016	6	0.46	3.200
	Citare: Synthesis and characterization of PZT: CF magnetoelectric composites By: Dipti; Singh, Sangeeta; Juneja, J. K.; et al. INTEGRATED FERROELECTRICS Volume: 176 Issue: 1 Pages: 109-117 Published: 2016	2016	6	0.08	1.933
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Citare: Wang, YP; Shi, SY; Dong, Q; Xu, CH; Zhu, SL; Zhang, XQ; Chow, YT; Wang, XQ; Zhang, GH; Zhu, LY; Xu, D, Electrospun lanthanum-doped barium titanate ceramic fibers with excellent dielectric performance, MATER CHARACT, vol. 172, art.no. 110859, (2021) 10.1016/J.MATCHAR.2020.110859	2021	8	0.801	3.253
Citare: Khirade, PP; Vinayak, V; Kharat, PB; Chavan, AR, Green Synthesis of Ba _{1-x} Sr _x TiO ₃ ceramic nanopowders by sol-gel combustion method using lemon juice as a fuel: Tailoring of Microstructure, ferroelectric, dielectric and electrical properties, OPT MATER, vol. 111, art.no. 110664, (2021)	2021	8	0.424	2.310
Citare: Kong, LB; Xiao, ZH; Li, XY; Yu, SJ; Que, WX; Liu, Y; Zhang, TS; Zhou, K; Zhang, HF, Ferroelectric ceramics (III), , vol. (2020) 10.1088/978-0-7503-2191-4CH5	2020	8	0	1.250
Citare: Influence of Sintering Strategy on the Characteristics of Sol-Gel Ba _{1-x} Ce _x Ti _{1-x} /4O ₃ Ceramics By: Stanciu, Catalina A.; Pintilie, Ioana; Surdu, Adrian; et al. NANOMATERIALS Volume: 9 Issue: 12 Article Number: 1675 Published: DEC 2019	2019	8	0.671	2.928
Citare: Fabrication and dielectric properties of Ba _{0.6} Sr _{0.4} TiO ₃ /acrylonitrile-butadiene-styrene resin composites By: Zhang, Kena; Gao, Feng; Xu, Jie; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 28 Issue: 12 Pages: 8960-8968 Published: JUN 2017	2017	8	0.23	1.825
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	Citare: Dielectric response and molecular dynamics in epoxy-BaSrTiO ₃ nanocomposites: Effect of nanofiller loading By: Vryonis, O.; Anastassopoulos, D. L.; Vradis, A. A.; et al. POLYMER Volume: 95 Pages: 82-90 Published: JUL 11 2016	2016	8	0.779	3.198
	Citare: Intrinsic pyroelectric properties of thick, coarse grained Ba _{1-x} Sr _x TiO ₃ ceramics By: Ianculescu, A.; Pintilie, I.; Vasilescu, C. A.; et al. CERAMICS INTERNATIONAL Volume: 42 Issue: 8 Pages: 10338-10348 Published: JUN 2016	2016	8	0.46	2.400
48	<i>LUCRARE: Hysteresis and tunability characteristics of Ba(Zr,Ti)O-3 ceramics described by First Order Reversal Curves diagrams By: Mitoseriu, L.; Ciomaga, C. E.; Buseaglia, V.; et al. JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 27 Issue: 13-15 Pages: 3723-3726 Published: 2007</i>				
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	Citare: Nadaud, K; Borderon, C; Renoud, R; Bah, M; Ginestar, S; Gundel, HW, Evidence of residual ferroelectric contribution in antiferroelectric lead-zirconate thin films by first-order reversal curves, APPL PHYS LETT, vol. 118(4), art.no. 042902, (2021)	2021	8	0.887	3.468



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	Citare: First-order reversal curve diagrams for characterizing ferroelectricity of Hf _{0.5} Zr _{0.5} O ₂ films grown at different rates By: Goh, Youngin; Jeon, Sanghun JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B Volume: 36 Issue: 5 Article Number: 052204 Published: SEP 2018	2018	8	0.305	2.013
	Citare: Microstructure, Piezoelectric, and Ferroelectric Properties of BZT-Modified BiFeO ₃ -BaTiO ₃ Multiferroic Ceramics with MnO ₂ and CuO Addition By: Guan, Shibo; Yang, Huabin; Chen, Guangcong; et al. JOURNAL OF ELECTRONIC MATERIALS Volume: 47 Issue: 5 Pages: 2625-2633 Published: MAY 2018	2018	8	0.273	1.933
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Sun, Z; Liu, WX; Li, QY; Tao, Z; Han, YM, Relaxor behaviour and nonlinear dielectric properties of lead-free BZT-BZN composite	2021	7	0.545	2.986



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	Citare: High temperature AC conductivity analysis of ZnO nanoparticles doped BaZr _{0.15} Ti _{0.85} O ₃ relaxor ceramics By: Rafiq, Muhammad Asif; Muhammad, Qaisar Khushi; Waqar, Moaz; et al. PHYSICA B-CONDENSED MATTER Volume: 587 Article Number: 412147 Published: JUN 15 2020	2020	7	0.349	2.426
	Citare: Effect of mono-dopants (Mg ²⁺) and co-dopants (Mg ²⁺ , Zr ⁴⁺) on the dielectric, ferroelectric and optical properties of BaTiO ₃ ceramics By: Mostari, Mst Sharmin; Haque, Md Jahidul; Rahman Ankur, Sunbeam; et al. MATERIALS RESEARCH EXPRESS Volume: 7 Issue: 6 Article Number: 066302 Published: JUN 2020	2020	7	0.235	2.100
	Citare: Effect of preparation methods on structural and dielectric properties of Ba _{0.985} Bi _{0.01} Mn _{0.067} Ti _{0.933} O ₃ ceramics for multilayer ceramic capacitors By: Wang, Yan; Zhang, Ting; Ma, Rong; et al. FERROELECTRICS Volume: 555 Issue: 1 Pages: 64-73 Published: JAN 25 2020	2020	7	0.137	1.820
	Citare: THE APPLICATION OF THE MECHANOCHEMICAL SYNTHESIS FOR THE PREPARATION OF ADVANCED CERAMICS BASED ON BARIUM TITANATE By: Garbarz-Glos, B.; Bak, W.; Budziak, A.; et al. ARCHIVES OF METALLURGY AND MATERIALS Volume: 65 Issue: 4 Pages: 1391-1396 pub: 2020	2020	7	0.125	1.786



Citare: Effect of doping Gd ₂ O ₃ on dielectric and piezoelectric properties of BaZr _{0.1} Ti _{0.9} O ₃ ceramics by sol-gel method By: Kang, Wenshuo; Zheng, Zhanshen; Li, Yuanliang; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 30 Issue: 3 Pages: 2743-2749 Published: FEB 2019	2019	7	0.256	2.160
Citare: Enhanced ferroelectric relaxor behavior of Ho ₂ O ₃ -modified barium zirconate titanate ceramics By: Zhang, Chen; Chen, Fangxu; Zhong, Xin; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 29 Issue: 19 Pages: 16730-16739 Published: OCT 2018	2018	7	0.242	2.120
Citare: Structural, vibrational, and dielectric investigations of Ba _{0.925} Bi _{0.05} (Ti _{0.95-x} Zr (x))Sn _{0.05} O ₃ ceramics By: Haddadou, N.; Belhadi, J.; Manoun, B.; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 29 Issue: 18 Special Issue: SI Pages: 16144-16154 Published: SEP 2018	2018	7	0.242	2.120
Citare: Mechanism of ferroelectric properties of (BaCa)(ZrTi)O ₃ from first-principles calculations By: Luo, Bingcheng; Wang, Xiaohui; Tian, Enke; et al. CERAMICS INTERNATIONAL Volume: 44 Issue: 8 Pages: 9684-9688 Published: JUN 1 2018	2018	7	0.454	2.726
Citare: Large electrocaloric effect in lead-free Ba(ZrxTi _{1-x})O ₃ thick film ceramics By: Jian, Xiao-Dong; Lu, Biao; Li, Dan-Dan; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 742 Pages: 165-171 Published: APR 25 2018	2018	7	0.601	3.146
Citare: Combined effect of oxygen annealing and La-doping in broadening the phase transition of Ba(Zr _{0.2} Ti _{0.8})O ₃ ceramics By: Kumar, R.; Asokan, K.; Patnaik, S.; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 737 Pages: 561-567 Published: MAR 15 2018	2018	7	0.601	3.146



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Citare: Electrical characterizations of BaZr _{0.05} Ti _{0.95} O ₃ perovskite ceramic by impedance spectroscopy, electric modulus and conductivity By: Bhargavi, G. Nag; Khare, Ayush; Badapanda, Tanmaya; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 28 Issue: 22 Pages: 16956-16964 Published: NOV 2017	2017	7	0.23	2.086
Citare: Anatase to rutile phase transition promoted by vanadium substitution in TiO ₂ : A structural, vibrational and optoelectronic study By: Khatun, Nasima; Anita; Rajput, Parasmani; et al. CERAMICS INTERNATIONAL Volume: 43 Issue: 16 Pages: 14128-14134 Published: NOV 2017	2017	7	0.437	2.677
Citare: Enhanced electrocaloric, pyroelectric and energy storage performance of BaCexTi _{1-x} O ₃ ceramics By: Srikanth, K. S.; Vaish, Rahul JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 37 Issue: 13 Pages: 3927-3933 Published: OCT 2017	2017	7	0.679	3.369
Citare: Intrinsic and extrinsic effects near orthorhombic-tetragonal phase transition in barium titanate ceramics doped with small amounts of zirconium By: Amarande, L.; Miclea, C.; Cioangher, M.; et al. CERAMICS INTERNATIONAL Volume: 43	2017	7	0.437	2.677



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Citare: Structural, vibrational, and dielectric investigations of Ba _{0.925} Bi _{0.05} (Ti _{0.95-x} Zr (x))Sn _{0.05} O ₃ ceramics By: Haddadou, N.; Belhadi, J.; Manoun, B.; et al. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 29 Issue: 18 Special Issue: SI Pages: 16144-16154 Published: SEP 2018	2018	8	0.242	1.855
Citare: Impedance spectroscopy studies on lead free Ba _{1-x} Mgx(Ti _{0.9} Zr _{0.1})O-3 ceramics By: Ben Moumen, S.; Neqali, A.; Asbani, B.; et al. SUPERLATTICES AND MICROSTRUCTURES Volume: 118 Pages: 45-54 Published: JUN 2018	2018	8	0.342	2.105
Citare: Bizarre dielectric anomalies in magnetoelectric composites of CoFe ₂ O ₄ and BaTi _{0.9} Zr _{0.1} O ₃ By: Mathur, Shubhra; Srivastava, Subodh; Surve, Sachin; et al. MATERIALS RESEARCH EXPRESS Volume: 4 Issue: 12 Article Number: 126101 Published: DEC 2017	2017	8	0.239	1.848
Citare: Studies on structural and dielectric properties of Li _{0.5} Fe _{2.5} O ₄ doped in BaTi _{0.9} Zr _{0.1} O ₃ at higher frequency region By: Rao, Gajula Ganapathi; Rekha, Buddiga Lakshmi; Kumar, Ch. Arun; et al. APPLIED PHYSICS A-MATERIALS SCIENCE &	2017	8	0.327	2.068



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	Citare: Fabrication of Large Aspect Ratio Ba _{0.85} Ca _{0.15} Zr _{0.1} Ti _{0.9} O ₃ Superfine Fibers-Based Flexible Nanogenerator Device: Synergistic Effect on Curie Temperature, Harvested Voltage, and Power By: Chary, Kammari Suresh; Panda, Himanshu Sekhar; Prasad, Chadalapaka Durga INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH Volume: 56 Issue: 37 Pages: 10335-10342 Published: SEP 20 2017	2017	8	0.651	2.878
51	<i>LUCRARE: Composition-dependent ferroelectric properties of Ba_{1-x}Sr_xTiO₃ ceramics</i> <i>By: Ianculescu, A.; Mitoseriu, L.; Berger, D.; et al. Conference: PHASE TRANSITIONS</i> <i>Volume: 79 Issue: 6-7 Pages: 375-388</i> <i>Published: JUN-JUL 2006</i>				
	Citare: Boubaia, A; Assali, A; Berrah, S; Bennacer, H; Zerifi, I; Boukortt, A, Band gap and emission wavelength tuning of Sr-doped BaTiO ₃ (BST) perovskites for high-efficiency visible-light emitters and solar cells, MAT SCI SEMICON PROC, vol. 130, art.no. 105837, (2021) 10.1016/J.MSSP.2021.105837	2021	6		1.667
	Citare: Kadir, L; Sayouri, S; Elmesbahi, A; Salhi, A, Investigation of Complex Impedance and Modulus Properties of La or/and Ca Doped BaTiO ₃ , MATER TODAY-PROC, vol. 13, pp. 1238-1247, , (2019) 10.1016/J.MATPR.2019.04.093	2019	6		1.667
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52	LUCRARE: Preparation and dielectric properties of BaZr_{0.1}Ti_{0.9}O₃ ceramics with different grain sizes By: Ciomaga, C. E.; Buscaglia, M. T.; Viviani, M.; et al. PHASE TRANSITIONS Volume: 79 Issue: 6-7 Pages: 389-397 Published: JUN-JUL 2006				
	Citare: Improved properties & fatigue resistant behaviour OF Ba(Zr _{0.15} Ti _{0.85})O-3 ferroelectric ceramics By: Mahesh, M. L. V.; Pal, Prem; Prasad, V. V. Bhanu; et al. CURRENT APPLIED PHYSICS Volume: 20 Issue: 12 Pages: 1373-1378 Published: DEC 2020	2020	7	0.373	2.494
	Citare: Scale-Dependent Dielectric Properties in BaZr _{0.05} Ti _{0.95} O ₃ Ceramics By: Padurariu, Leontin; Lukacs, Vlad-Alexandru; Stoian, George; et al. MATERIALS Volume: 13 Issue: 19 Article Number: 4386 Published: OCT 2020	2020	7	0.595	3.129
	Citare: Spray-flame synthesis of BaTi _{1-x} Zr _x O ₃ nanoparticles for energy storage applications By: Tarasov, A.; Shvartsman, V. V.; Shoja, S.; et al. CERAMICS INTERNATIONAL Volume: 46 Issue: 9 Pages: 13915-13924 Published: JUN 15 2020	2020	7	0.545	2.986
	Citare: (Ba,Sr)TiO ₃ solid solutions sintered from sol-gel derived powders: An insight into the composition and temperature dependent dielectric behavior By: Patru, Roxana Elena; Ganea, Constantin Paul; Stanciu, Catalina-Andreea; et al. CERAMICS INTERNATIONAL Volume: 46 Issue: 4 Pages: 4180-4190 Published: MAR 2020	2020	7	0.545	2.986



	<p>Citare: Effect of Zr⁴⁺ content on crystal structure, micromorphology, ferroelectric and dielectric properties of Ba(ZrxTi1-x)O-3 ceramics By: Xu, Lei; Xu, Yuan JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 31 Issue: 7 Pages: 5492-5498 Published: APR 2020</p>	2020	7	0.283	2.237
	<p>Citare: Investigations on multiferroic properties of BaTi0.9Zr0.1O3 substituted with Li0.5Fe2.5O4 By: Rao, Ganapathi G.; Rekha, Lakshmi B.; Kumar, Chidambara K. N.; et al. JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 444 Pages: 444-450 Published: DEC 15 2017</p>	2017	7	0.466	2.760
	<p>Citare: Studies on structural and dielectric properties of Li0.5Fe2.5O4 doped in BaTi0.9Zr0.1O3 at higher frequency region By: Rao, Gajula Ganapathi; Rekha, Buddiga Lakshmi; Kumar, Ch. Arun; et al. APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING Volume: 123 Issue: 10 Article Number: 624 Published: OCT 2017</p>	2017	7	0.327	2.363
	<p>Citare: Effect of Fe-doping on the structure and magnetoelectric properties of (Ba0.85Ca0.15)(Ti0.9Zr0.1)O-3 synthesized by a chemical route By: Ramana, E. Venkata; Figueiras, F.; Mahajan, A.; et al. JOURNAL OF MATERIALS CHEMISTRY C Volume: 4 Issue: 5 Pages: 1066-1079 Published: 2016</p>	2016	7	1.104	4.583
53	<p>LUCRARE: First order reversal curves and hysteresis loops of ferroelectric films described by phenomenological models Fecioru-Morariu, M; Ricinschi, D; (...); Mitoseriu, L 4th International Workshop on Materials for Electrotechnics Sep 2004 / JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS 6 (3) , pp.1059-1063</p>				0.000



	Citare: Asymmetric Hysteresis Loops in Co Thin Films Ehrmann, A and Blachowicz, T Dec 2020 CONDENSED MATTER 5 (4)	2020	6	0	1.667
	Citare: Investigation of switching behavior of acceptor-doped ferroelectric ceramics Wang, CX; Yang, XM; (...); Long, XF May 15 2019 ACTA MATERIALIA 170 , pp.100-108	2019	6	1.887	7.957
	Citare: The anhyseretic polarisation of ferroelectrics Kaeswurm, B; Segouin, V; (...); Webber, KG Feb 21 2018 JOURNAL OF PHYSICS D-APPLIED PHYSICS 51 (7)	2018	6	0.701	4.003
54	LUCRARE: Magnetoelectric coupling in the multiferroic $PbFe_{2/3}W_{1/3}O_3$-$PbTiO_3$ system By: Mitoseriu, L; Marre, D; Siri, AS; et al. JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 6 Issue:4 4 723-728				0.000
	Citare: Evolution of Relaxor Behavior in Multiferroic $Pb(Fe_{2/3}W_{1/3})O_3$ - $BiFeO_3$ Solid Solution of Complex Perovskite Structure Li, HJ; Zhuang, J; (...); Ye, ZG 2021 JOURNAL OF THE EUROPEAN CERAMIC SOCIETY 41 (1) , pp.310-318, 2021	2021	6	0.808	4.360
	Citare: A brief review on perovskite multiferroics By: Liu, Hongbo; Yang, Xue FERROELECTRICS Volume: 507 Issue: 1 Pages: 69-85 Published: 2017	2017	6	0.121	2.070
55	LUCRARE: Magnetoelectric coupling in the multiferroic $PbFe_{2/3}W_{1/3}O_3$-$PbTiO_3$ system Mitoseriu, L; Marre, D; (...); Nanni, P 2nd International Workshop on Amorphous and Nanostructures Magnetic Materials Jun 2004 / JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS 6 (2) , pp.723-728				



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	Citare: Two-Phase State of the Crystal Structure of (1-x)PbFe ₂ /3W ₁ /3O ₃ -xPbTiO ₃ Solid Solutions (x=0.25, 0.3, and 0.35) at Room Temperature Zaitseva, NV; Naberezhnov, AA and Smirnova, EP Jan 2021 TECHNICAL PHYSICS 66 (1) , pp.67-70	2021	3	0	3.333
	Citare: Studies on use of lead iron tungstate-lead titanate relaxor binary system as a pressure sensing material Kumar, V and Yadav, S May 1 2017 SENSORS AND ACTUATORS A-PHYSICAL 258 , pp.101-104	2017	3	0.545	6.967
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57	LUCRARE: Analysis of the composition-induced transition from relaxor to ferroelectric state in PbFe ₂ /3W ₁ /3O ₃ -PbTiO ₃ solid solutions By: Mitoseriu, L; Stancu, A; Fedor, C; et al. JOURNAL OF APPLIED PHYSICS Volume:				



94 Issue: 3 Pages: 1918-1925 Published: AUG 1 2003					
	Citare: Investigation of Structural, Dielectric, and Optical Behaviour of Dysprosium-Doped Barium Titanate Ceramics Mahapatra, AK; Badapanda, T and Sarangi, S Sep 1 2021 ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY 10 (9)	2021	4	0.358	4.290
	Citare: The influence of oxygen vacancies on piezoelectricity in samarium-doped Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ ceramics Li, Y; Borbely, M and Bell, A Jun 2021 Feb 2021 (Early Access) JOURNAL OF THE AMERICAN CERAMIC SOCIETY 104 (6) , pp.2678-2688	2021	4	0.676	5.880
	Citare: Two-Phase State of the Crystal Structure of (1-x)PbFe _{2/3} W _{1/3} O ₃ -xPbTiO ₃ Solid Solutions (x=0.25, 0.3, and 0.35) at Room Temperature Zaitseva, NV; Naberezhnov, AA and Smirnova, EP Jan 2021 TECHNICAL PHYSICS 66 (1) , pp.67-70	2021	4	0	2.500
	Citare: Evolution of Relaxor Behavior in Multiferroic Pb(Fe _{2/3} W _{1/3})O ₃ -BiFeO ₃ Solid Solution of Complex Perovskite Structure Li, HJ; Zhuang, J; (...); Ye, ZG Jan 2021 JOURNAL OF THE EUROPEAN CERAMIC SOCIETY 41 (1) , pp.310-318	2021	4	0.808	6.540
	Citare: Weak ferromagnetism and magnetoelectric coupling through the spin-lattice coupling in (1-x)Pb(Fe _{2/3} W _{1/3})O ₃ -(x)BiFeO ₃ (x=0.1 and 0.4) solid solution By: Shivaraja, I; Matteppanavar, Shidaling; Krishna, P. S. R.; et al. JOURNAL OF PHYSICS-CONDENSED MATTER Volume: 32 Issue: 42 Article Number: 425805 2020	2020	4	0.81	6.550
	Citare: Kinetics of phase transformation at the Curie point of ferroelectric ceramic Ba _{0.8} Sr _{0.2} TiO ₃ By: Gridnev, S. A.; Popov, I. I.	2020	4	0.137	3.185



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	Citare: The effect of Sn ⁴⁺ doping on the electrostrictive property of PLZT (9/65/35) transparent electro-optical ceramics By: Chen, Yijie; Sun, Dazhi; Zhu, Yinyin; et al. CERAMICS INTERNATIONAL Volume: 46 Issue: 5 Pages: 6738-6744 An 2020	2020	4	0.545	5.225
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	Citare: Complex dielectric and impedance analysis in a relaxor type ferroelectric/ferrimagnetic magnetoelectric (0.5)PbZr _{0.52} Ti _{0.48} O ₃ +(0.5)CoFe ₂ O ₄ composite By: Atif, M.; Ahmed, S.; Nadeem, M.; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 735 Pages: 880-889 Published: FEB 25 2018	2018	4	0.601	5.505



Citare: Phase Structure Transformations and Electrical Properties of (Na _{0.52} K _{0.4425})(Nb _{0.8925} Sb _{0.07})O-3-0.0375LiTaO(3) Ceramics According to Sintering Temperature By: Su, Hsiu-Hsien; Hong, Cheng-Shong; Chen, Hong-Ru; et al. ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY Volume: 7 Issue: 3 Pages: N29-N35 Published: 2018	2018	4	0.366	4.330
Citare: Temperature evolution of the crystal structure of multiferroic solid solutions (1-x)Pb(Fe _{2/3} W _{1/3} O ₃)-(x)PbTiO ₃ By: Dolgakov, I. A.; Naberezhnov, A. A.; Alekseeva, O. A.; et al. PHYSICS OF THE SOLID STATE Volume: 59 Issue: 10 Pages: 1961-1965 Published: OCT 2017	2017	4	0	2.500
Citare: Relaxor Behavior of Lead-Free Nonstoichiometric (Na _{0.48} -xK _{0.48} -xLi _{0.04})Nb _{0.89} -xTa _{0.05} Sb _{0.06} O ₃ -xSrTiO(3) Ceramics By: Su, Hsiu-Hsien; Hong, Cheng-Shong; Tsai, Cheng-Che; et al. ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY Volume: 6 Issue: 8 Pages: N117-N121 Published: 2017	2017	4	0.377	4.385
Citare: Effect of iron and tungsten substitution on the dielectric response and phase transformations of BaTiO ₃ perovskite ceramic By: Bourguiba, Faycal; Dhahri, Ah; Rhouma, F. I. H.; et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 686 Pages: 675-683 Published: NOV 25 2016	2016	4	0.552	5.260
Citare: Effect of microstructure on the dielectric properties of (1-x)Na _{0.5} K _{0.5} NbO ₃ -xSrTiO(3) ceramics By: Su, Hsiu-Hsien; Hong, Cheng-Shong; Tsai, Cheng-Che; et al. CERAMICS INTERNATIONAL Volume: 42 Issue: 15 Pages: 17558-17564 Published: NOV 15 2016	2016	4	0.46	4.800
Citare: Structure properties and relaxor characteristics of the phases transformation in BaTi _{0.5} (Fe _{0.33} Mo _{0.17})O-3 perovskite ceramic By: Bourguiba, Faycal; Dhahri, Ah.; Tahri, Tarek;	2016	4	0.552	5.260



	et al. JOURNAL OF ALLOYS AND COMPOUNDS Volume: 675 Pages: 174-182 Published: AUG 5 2016				
	Citare: Crossover from ordinary to relaxor ferroelectric state in particulate magnetoelectric composites (x)Mn _{0.4} Zn _{0.6} Fe ₂ O ₄ - (1- x)PbZr _{0.53} Ti _{0.47} O ₃ By: Kalgin, A. V.; Gridnev, S. A. Sponsor(s): Voronezh State Tech Univ, Ferroelectr Lab; Russian Acad Sci; Russian Federat, Minist Educ & Sci FERROELECTRICS Volume: 501 Issue: 1 Pages: 100-108 Published: 2016	2016	4	0.115	3.075
58	<i>LUCRARE: Analysis of the dielectric constant data of relaxors within a Landau-type theory Mitoseriu, L; Stancu, A and Fedor, CE Romanian Conference on Advanced Materials (ROCAM 2003) Sep 2003 / JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS 5 (3) , pp.787- 790, 2003</i>				
	Citare: Studies on use of lead iron tungstate-lead titanate relaxor binary system as a pressure sensing material Kumar, V and Yadav, S May 1 2017 SENSORS AND ACTUATORS A- PHYSICAL 258 , pp.101-104	2017	3	0.545	6.967
59	<i>LUCRARE: Analysis of the composition-induced transition from relaxor to ferroelectric state in PbFe₂/3W₁/3O₃-PbTiO₃ solid solutions Mitoseriu, L; Stancu, A; (...); Vilarinho, PM Aug 1 2003 / JOURNAL OF APPLIED PHYSICS 94 (3) , pp.1918-1925, 2003</i>				
	Citare: Investigation of Structural, Dielectric, and Optical Behaviour of Dysprosium-Doped Barium Titanate Ceramics Mahapatra, AK; Badapanda, T and Sarangi, S Sep 1 2021 ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY 10 (9)	2021	4	0.358	4.290



Citare: The influence of oxygen vacancies on piezoelectricity in samarium-doped $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-PbTiO}_3$ ceramics Li, Y; Borbely, M and Bell, A Jun 2021 Feb 2021 (Early Access) JOURNAL OF THE AMERICAN CERAMIC SOCIETY 104 (6) , pp.2678-2688	2021	4	0.676	5.880
Citare: Two-Phase State of the Crystal Structure of $(1-x)\text{PbFe}_{2/3}\text{W}_{1/3}\text{O}_3\text{-xPbTiO}_3$ Solid Solutions ($x=0.25, 0.3$, and 0.35) at Room Temperature Zaitseva, NV; Naberezhnov, AA and Smirnova, EP Jan 2021 TECHNICAL PHYSICS 66 (1) , pp.67-70	2021	4	0	2.500
Citare: Evolution of Relaxor Behavior in Multiferroic $\text{Pb}(\text{Fe}_{2/3}\text{W}_{1/3})\text{O}_3\text{-BiFeO}_3$ Solid Solution of Complex Perovskite Structure Li, HJ; Zhuang, J; (...); Ye, ZG Jan 2021 JOURNAL OF THE EUROPEAN CERAMIC SOCIETY 41 (1) , pp.310-318	2021	4	0.808	6.540
Citare: Weak ferromagnetism and magnetoelectric coupling through the spin-lattice coupling in $(1-x)\text{Pb}(\text{Fe}_{2/3}\text{W}_{1/3})\text{O}_3\text{-xBiFeO}_3$ ($x=0.1$ and 0.4) solid solution Shivaraja, I; Matteppanavar, S; (...); Angadi, B Oct 7 2020 JOURNAL OF PHYSICS-CONDENSED MATTER 32 (42)	2020	4	0.81	6.550
Citare: Kinetics of phase transformation at the Curie point of ferroelectric ceramic $\text{Ba}_{0.8}\text{Sr}_{0.2}\text{TiO}_3$ Gridnev, SA and Popov, II Jun 10 2020 FERROELECTRICS 561 (1) , pp.127-134	2020	4	0.137	3.185
Citare: Spontaneous ferroelectric order in lead-free relaxor $\text{Na}_{1/2}\text{Bi}_{1/2}\text{TiO}_3$ -based composites Lalitha, KV; Hinterstein, M; (...); Rodel, J May 15 2020 PHYSICAL REVIEW B 101 (17)	2020	4	0.976	7.380
Citare: The effect of Sn^{4+} doping on the electrostrictive property of PLZT (9/65/35) transparent electro-optical ceramics Chen, YJ; Sun, DZ; (...); He, XY Apr 1 2020 CERAMICS INTERNATIONAL 46 (5) , pp.6738-6744	2020	4	0.545	5.225



Citare: Effect of Bi(Zn _{0.5} Ti _{0.5})O-3 substitution on structural and electromechanical properties of Bi-0.5(Na _{0.78} K _{0.22})(0.5)TiO ₃ lead-free piezoelectric ceramics Noor-UI Basar; Khan, MI; (...); Khan, J Sep 2019 MATERIALS RESEARCH EXPRESS 6 (9)	2019	4	0.239	3.695
Citare: Dielectric behaviors of Ba(Mg _{1/3} Nb _{2/3})O-3 modified (Na _{0.5} K _{0.5})NbO ₃ ceramics Su, HH; Hong, CS; (...); Chu, SY May 2018 CERAMICS INTERNATIONAL 44 (7), pp.7955-7962	2018	4	0.454	4.770
Citare: Complex dielectric and impedance analysis in a relaxor type ferroelectric/ferrimagnetic magnetoelectric (0.5)PbZr _{0.52} Ti _{0.48} O ₃ +(0.5)CoFe ₂ O ₄ composite Atif, M; Ahmed, S; (...); Khan, MN Feb 25 2018 JOURNAL OF ALLOYS AND COMPOUNDS 735, pp.880-889	2018	4	0.601	5.505
Citare: Phase Structure Transformations and Electrical Properties of (Na _{0.52} K _{0.44} 25)(Nb _{0.89} 25Sb _{0.07})O-3-0.0375LiTaO(3) Ceramics According to Sintering Temperature Su, HH; Hong, CS; (...); Chu, SY 2018 ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY 7 (3), pp.N29-N35	2018	4	0.366	4.330
Citare: Temperature evolution of the crystal structure of multiferroic solid solutions (1-x)Pb(Fe _{2/3} W _{1/3} O ₃)-(x)PbTiO ₃ Dolgakov, IA; Naberezhnov, AA; (...); Tovar, M Oct 2017 PHYSICS OF THE SOLID STATE 59 (10), pp.1961-1965	2017	4	0	2.500
Relaxor Behavior of Lead-Free Nonstoichiometric (Na _{0.48} -xK _{0.48} -xLi _{0.04}) Nb _{0.89} -xTa _{0.05} Sb _{0.06} O ₃ -xSrTiO(3) Ceramics Su, HH; Hong, CS; (...); Chu, SY 2017 ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY 6 (8), pp.N117-N121	2017	4	0.377	4.385
TOTAL				1,877.488

**Punctaj secțiune = 1877.488 puncte****7. Participare la conferințe științifice (dovedită cu ordin de deplasare, program, certificat de participare, etc)**

- în calitate de keynote/invited speaker:
internțională: 25 de puncte pentru fiecare activitate
națională: 15 puncte pentru fiecare activitate
- în calitate de speaker, (prezentare orală):
internțională: 10 de puncte pentru fiecare activitate
națională: 5 puncte pentru fiecare activitate

Keynote/invited speaker:

1. *Effect of porosity on dielectric, ferroelectric and piezoelectric properties in BaTiO₃- based materials*, Cristina E. Ciomaga, Leontin Padurariu, Lavinia P. Curecheriu, Alexandru V. Lukacs, Nadejda Horchidan and Liliana Mitoseriu, 11th International Advances in Applied Physics & Materials Science Congress & Exhibition (APMAS), 17-23 October 2021, Oludeniz, Turkey (<http://www.apmascongress.org/>) (invited presentation)
2. *Ferroelectric perovskite based magnetoelectric ceramic composites: synthesis, functional properties and modeling*, C. E. Ciomaga, M. Airimioaei, L. Padurariu, L. Curecheriu and L. Mitoseriu, ASIAN ADVANCED MATERIALS CONGRESS, 31 oct – 4 november, Singapore 2019 (invited lecture)
3. Chair session a Secțiunii: *Structural, Composite & Ceramic Materials*, la ASIAN ADVANCED MATERIALS CONGRESS, 31 oct – 4 november, Singapore 2019 (Keynote speaker)
4. Chair session a Secțiunii: *Nanomaterials & Nanotechnology*, la ASIAN ADVANCED MATERIALS CONGRESS, 31 oct – 4 november, Singapore 2019 (Keynote speaker)

100 puncte**Prezentare orală**

1. *Design, synthesis and functional properties of porous BZT-BCT ceramics*, C. E. Ciomaga, L. P. Curecheriu, L. Padurariu, G. Stoian, I. Lazar and L. Mitoseriu, XV National Meeting on Electroceramics, 7- 9 July 2021, Vitoria-Gasteiz, Spain (<https://cicenergigune.com/en/agenda/xv-national-meeting-electroceramics>) (oral presentation)
2. *Comparative study of the functional properties for mixed and trilayered BaTiO₃-based magnetoelectric composites*, C. E. Ciomaga, M. Airimioaei, A. Guzu, F. Gheorghiu, G. Stoian, M. Grigoras, M. Asandulesa, L. Padurariu and L. Mitoseriu, Joint IEEE ISAF/EMF/ICE/IWPM/PFM meeting 2019, July 14-19, Lausanne, Switzerland 2019 (oral presentation)
3. *Filler effect on functional properties in PVDF-based composites*, C. E. Ciomaga, R. Stanculescu and L. Mitoseriu, Joint Workshop of the projects POLYCOM (Italy-Romania), PN-III-P4-ID-PCE-2016-0817 (FERROSCALE) Genoa, 22-27 November 2018 (oral presentation)

30 puncte



Punctaj secțiune = 130 puncte

Listă alte prezentări co-autor/poster/prezentare orală/invitat:

Total 50 prezentări internaționale (invited+orale+poster)+4 prezentări naționale (oral și poster)

2021

- 1) *Phase composition, poling and functional properties of Ba_{0.85}Ca_{0.15}Ti_{0.9}Zr_{0.1}O₃ ceramics*, Cristina E. Ciomaga, Lavinia P. Curecheriu, Alexandru V. Lukacs, Megane Lheureux, Marie Hélène Chambrier, Rachel Desfeux and Liliana Mitoseriu, XV National Meeting on Electroceramics, 7- 9 July 2021, Vitoria-Gasteiz, Spain (<https://cicenergigune.com/en/agenda/xv-national-meeting-electroceramics>) **(oral poster presentation)**
- 2) *Preparation and functional properties of BaTiO₃-based ceramics*, Nadejda Horchidan, Cristina Ciomaga, Lavinia Curecheriu, Liliana Mitoseriu, XV National Meeting on Electroceramics, 7 - 9 July 2021, Vitoria-Gasteiz, Spain (<https://cicenergigune.com/en/agenda/xv-national-meeting-electroceramics>) **(oral presentation)**
- 3) *Scale-dependent properties in BaTiO₃ ceramics with structural instability*, Vlad-Alexandru Lukacs, Leontin Padurariu, Lavinia Curecheriu, Cristina Ciomaga, Liliana Mitoseriu, 6th Edition International Workshop of Materials Physics, 14-16 September 2021, Bucharest, Romania (<https://infim.ro/event/6th-edition-of-the-international-workshop-of-materials-physics-first-announcement-2021>) **(invited presentation)**
- 4) *The role of microstructure on dielectric properties of polymer-based composites: Experiment and modelling*, Cristina E. Ciomaga, Leontin Padurariu, Lavinia Curecheriu, Nadejda Horchidan, Aurelian Rotaru, Gabriel Caruntu, Lucian Pintilie, Liliana Mitoseriu, Sixth International Symposium on Dielectric Materials and Applications (ISyDMA'6), Littoral-Côte d'Opale University, 15-17 December 2021, Calais, France **(poster presentation)**
- 5) *Structural and electrical properties of Ba_{0.85}Ca_{0.15}Ti_{0.9}Zr_{0.1}O₃ ceramics*, C. Ciomaga, L. Curecheriu, A. Lukacs, L. Padurariu, M. Lheureux, M.H. Chambrier, R. Desfeux and L. Mitoseriu 13th International Conference Processes in Isotopes and Molecules PIM 2021, 22-24 September 2021, Cluj-Napoca, Romania (<http://pim.itim-cj.ro/pages/programme.html>) **(poster presentation)**
- 6) *Study of the structural, dielectric and ferroelectric properties in Ba_{0.85}Ca_{0.15}Ti_{0.9}Zr_{0.1}O₃ ceramics*, Ciomaga C.E., Curecheriu L.P., Lukacs A.V., Horchidan N., Lheureux M., Chambrier M. H., Desfeux R. and Mitoseriu L., Sixth International Symposium on Dielectric Materials and Applications (ISyDMA'6), Littoral-Côte d'Opale University, 15-17 December 2021, Calais, France (poster presentation)
- 7) *Design, synthesis and functional properties of porous BZT-BCT ceramics*, Cristina E. Ciomaga, Lavinia P. Curecheriu, Leontin Padurariu, George Stoian, Iwona Lazar and Liliana Mitoseriu, XV National Meeting on Electroceramics, 7- 9 July 2021, Vitoria-Gasteiz, Spain (<https://cicenergigune.com/en/agenda/xv-national-meeting-electroceramics>) **(oral presentation)**
- 8) *Room temperature phase superposition of barium titanate- based ceramics: modelling and experimental validation*, Leontin Padurariu, Nadejda Horchidan, Mirela Airimioaei, Lavinia Curecheriu, Cristina Ciomaga, Liliana Mitoseriu, XV National Meeting on Electroceramics, 7- 9 July 2021, Vitoria-



Gasteiz, Spain (<https://cicenergigune.com/en/agenda/xv-national-meeting-electroceramics>) **(oral presentation)**

9) Preparation and functional properties of BaTiO₃-based ceramics, Nadejda Horchidan, Cristina Ciomaga, Lavinia Curecheriu, Liliana Mitoseriu, XV National Meeting on Electroceramics, 7- 9 July 2021, Vitoria-Gasteiz, Spain (<https://cicenergigune.com/en/agenda/xv-national-meeting-electroceramics>) **(oral presentation)**

10) *Effect of sintering on structural and electrical properties of (Ba,Sr)(Zr,Ti)O₃ ceramics for energy storage applications*, Cristina Ciomaga, Lavinia Curecheriu, Alexandru Lukacs, and Liliana Mitoseriu, 13th International Conference Processes in Isotopes and Molecules PIM 2021, 22-24 September 2021, Cluj-Napoca, Romania (<http://pim.itim-cj.ro/pages/programme.html>) **(poster presentation)**

11) *Effect of porosity on dielectric, ferroelectric and piezoelectric properties in BaTiO₃- based materials*, Cristina E. Ciomaga, Leontin Padurariu, Lavinia P. Curecheriu, Alexandru V. Lukacs, Nadejda Horchidan and Liliana Mitoseriu, 11th International Advances in Applied Physics & Materials Science Congress &Exhibition (APMAS), 17-23 October 2021, Oludeniz, Turkey (<http://www.apmascongress.org/>) **(invited presentation)**

12) *Exploiting Local Field Inhomogeneity for Tuning Functional Properties in Ferroelectric Based Composites*, Leontin Padurariu, Lavinia Curecheriu, Cristina Ciomaga, Liliana Mitoseriu, 11th International Advances in Applied Physics & Materials Science Congress &Exhibition (APMAS), 17-23 October 2021, Oludeniz, Turkey (<http://www.apmascongress.org/>) **(invited presentation)**

13) *Role of Critical Parameters (Composition, Phase Superposition and Grain Size) on the Electrocaloric Properties of BaZrxTi1-xO₃ Ceramics*, L. Curecheriu, V. A. Lukacs, T. Matei, L. Padurariu, C. Ciomaga, L. Mitoseriu, 11th International Advances in Applied Physics & Materials Science Congress &Exhibition (APMAS), 17-23 October 2021, Oludeniz, Turkey (<http://www.apmascongress.org/>) **(invited presentation)**

2020

- internationale:

14. L.P. Curecheriu, M.T. Buscaglia, G. Canu, C.E. Ciomaga, L. Padurariu, V. Lukacs, V. Buscaglia, L. Mitoseriu, Scale-dependent properties in BaTiO₃- based ceramics, Electroceramics XVII, 24-28 august, Darmstadt, Germania (online – oral presentation) <https://www.electroceramics.org/en/electroceramics-xvii/welcome.html>

15. L. Padurariu, N. Horchidan, M. Airimioaei, L. Curecheriu, C. Ciomaga, L. Mitoseriu, Room temperature phase superposition of barium titanate- based ceramics: modeling and experimental validation, Electroceramics XVII organized in Darmstadt, Germany, 24-28 August 2020 (oral presentation)

<https://www.electroceramics.org/en/electroceramics-xvii/welcome.html>

2019

Internațională

23. C. E. Ciomaga, M. Airimioaei, L. Padurariu, L. Curecheriu and L. Mitoseriu, Ferroelectric perovskite based magnetoelectric ceramic composites: synthesis, functional properties and modeling, ASIAN ADVANCED MATERIALS CONGRESS, 31 oct – 4 november, Singapore 2019 (invited lecture)

24. *Chair session a Sectiunii: Structural, Composite & Ceramic Materials, la ASIAN ADVANCED MATERIALS CONGRESS, 31 oct – 4 november, Singapore 2019.*



25. *Chair session a Sectiunii: Nanomaterials & Nanotechnology, la ASIAN ADVANCED MATERIALS CONGRESS, 31 oct – 4 november, Singapore 2019.*
26. N. Horchidan, L. Padurariu, C. E. Ciomaga, L. Curecheriu, M. Airimioaei, F. Tufescu and L. Mitoseriu, *Room temperature phase superposition as origin of enhanced functional properties in BaTiO₃ - based ceramics*, ASIAN ADVANCED MATERIALS CONGRESS, 31 oct – 4 november, Singapore 2019 (poster presentation)
27. L. Curecheriu, M. T. Buscaglia, G. Canu, C. Ciomaga, L. Padurariu, V. Buscaglia, L. Mitoseriu, *Scale-dependent properties in lead free piezoelectric ceramics*, ASIAN ADVANCED MATERIALS CONGRESS, 31 oct – 4 november, Singapore 2019 (oral presentation)
28. L. Curecheriu, L. Padurariu, V. A. Lukacs, C. Ciomaga, G. Stoian, L. Mitoseriu, *There is a critical size in BaTiO₃ slightly doped ceramics?* ASIAN ADVANCED MATERIALS CONGRESS, 31 oct – 4 november, Singapore 2019 (poster presentation)
29. C. E. Ciomaga, M. Airimioaei, A. Guzu, F. Gheorghiu, G. Stoian, M. Grigoras, M. Asandulesa, L. Padurariu and L. Mitoseriu, *Comparative study of the functional properties for mixed and trilayered BaTiO₃-based magnetoelectric composites*, Joint IEEE ISAF/EMF/ICE/IWPM/PFM meeting 2019, July 14-19, Lausanne, Switzerland 2019 (oral presentation)
30. V. A. Lukacs, M. Airimioaei, L. Curecheriu, C. E. Ciomaga, A. Bencan, A. Makenna, J. Jones, G. Stoian, N. Lupu and L. Mitoseriu, *Grain size effects on the structural instability and functional properties of BaTiO₃ ceramics*, Joint IEEE ISAF/EMF/ICE/IWPM/PFM meeting 2019, July 14-19, Lausanne, Switzerland 2019 (oral presentation)
31. M. Airimioaei, V. A. Lukacs, I. Lisiecki, P. Beaunier, C. E. Ciomaga and L. Mitoseriu, *Structural and functional properties of biomorphic tubular NiO structures*, Joint IEEE ISAF/EMF/ICE/IWPM/PFM meeting 2019, July 14-19, Lausanne, Switzerland 2019 (poster presentation)
32. L. Curecheriu, M. T. Buscaglia, G. Canu, V. Buscaglia, L. Padurariu, C. E. Ciomaga and L. Mitoseriu, *Size-dependent properties in Ba_{0.85}Ca_{0.15}Ti_{0.90}Zr_{0.10}O₃ -based ceramics*, Joint IEEE ISAF/EMF/ICE/IWPM/PFM meeting 2019, July 14-19, Lausanne, Switzerland 2019 (oral presentation)
33. V. A. Lukacs, G. Stoian, L. Curecheriu, C. Ciomaga, N. Lupu and L. Mitoseriu, *Grain size effects on dielectric, ferroelectric and tunability properties of BaZr_{0.05}Ti_{0.95}O₃ ceramics*, Joint IEEE ISAF/EMF/ICE/IWPM/PFM meeting 2019, July 14-19, Lausanne, Switzerland 2019 (oral presentation)
34. L. Padurariu, I. Turcan, V. A. Lukacs, A. Cernescu, L. Curecheriu, C. Ciomaga, G. Stoian, N. Lupu and L. Mitoseriu, *The role of composition on the dielectric and ferroelectric properties of Ag-BaTiO₃ composites: experiment and modeling*, Joint IEEE ISAF/EMF/ICE/IWPM/PFM meeting 2019, July 14-19, Lausanne, Switzerland 2019 (oral presentation)

2018

Internationale

28. L. Mitoseriu, L. Padurariu, L. Curecheriu, C. Ciomaga, I. Turcan, *Local field engineering for tailoring electrical properties in ferroelectric-metallic particles composites*, Electroceramics XVI - Hasselt, Belgium - 9th-12th July 2018 (invited talk)
29. C. E. Ciomaga, M. Airimioaei, L. P. Curecheriu, L. Padurariu, N. Lupu, and L. Mitoseriu, *Comparative study of peculiar microstructures and the functional properties of BaTiO₃-ferrite composites obtained by*



SPS method, MP1308 COST TO-BE Spring Meeting 2018, Sant Feliu, Spain 12-14th March 2018 (oral and poster presentation)

30. L. Padurariu, L. Curecheriu, C. Ciomaga, L. Mitoseriu, *Modeling of The Tunability Properties and Switching Properties in Ferroelectric Ceramics with Different Grain Sizes*, ICC7 International Congress on Ceramics, June 17-21, 2018, Foz do Iguacu, Brazil (oral presentation)

31. C. Ciomaga, Curecheriu L., Padurariu, L., Buscaglia M., Buscaglia V., *Understanding the role of grain size on the structural and dielectric properties of BZT-BCT systems*, ICC7 International Congress on Ceramics, June 17-21, 2018, Foz do Iguacu, Brazil (poster presentation)

32. C. Ciomaga, Curecheriu L., Turcan I., Lukacs A., Stoian G., Lupu N., Mitoseriu L., Padurariu L., *Preparation and dielectric properties of Ag-BaTiO₃ composite ceramics*, ICC7 International Congress on Ceramics, June 17-21, 2018, Foz do Iguacu, Brazil (poster presentation)

33. C. E. Ciomaga, M. Airimioaei, I. Turcan, A. V. Lukacs, L. Padurariu, S. Balčiūnas, J. Banys and L. Mitoseriu, *Complex functional characterization of percolative CoFe₂O₄-PbTiO₃ composite ceramics*, CIMTEC 2018 14th International Ceramics Congress, Perugia, Italy June 4-8, 2018 (oral presentation)

34. L. Curecheriu, M. T. Buscaglia, G. Canu, C. Ciomaga, L. Padurariu, V. Buscaglia, L. Mitoseriu, *Role of grain size on the structural and functional properties of (Ba,Ca)(Zr,Ti)O₃ ceramics*, Electroceramics XVI - Hasselt, Belgium - 9th-12th July 2018 (oral presentation)

35. A. Lukacs, M. Airimioaei, L. Curecheriu, C. Ciomaga, L. Mitoseriu, *Grain size effect on dielectric properties of submicron ranged BaTiO₃ ceramics*, Electroceramics XVI - Hasselt, Belgium - 9th-12th July 2018 (poster presentation)

36. F. Gheorghiu, C. Ciomaga, M. Simenas, M. Airimioaei, J. Banys, S. Qiao, L. Mitoseriu, *Phase modifications and functional properties of Ba(Ti_{1-x}Fe_x)O_{3-x/2} diluted magnetic ceramics*, Electroceramics XVI - Hasselt, Belgium - 9th-12th July 2018 (poster presentation)

37. C.E. Ciomaga, C. Padurariu, L. P. Curecheriu, N. Horchidan, L. Padurariu, L. Mitoseriu, *Structural investigation and functional properties on porous BaTiO₃ ceramics*, International Conference CIEC 16, Torino, Italy, 9-11 September 2018 (poster presentation)

38. C. E. Ciomaga, M. Airimioaei, A. Guzu, O. Avadanei, N. Lupu, and L. Mitoseriu, *Study of functional properties of ferroelectric-magnetic ceramic composites obtained by different synthesis method*, International Conference CIEC 16, Torino, Italy, 9-11 September 2018 (poster presentation)

39. L.P. Curecheriu, M.T. Buscaglia, G. Canu, V. Buscaglia, C.E. Ciomaga, L. Padurariu, L. Mitoseriu, *Grain size effect on the functional properties of BZT-BCT ceramics*, International Conference CIEC 16, Torino, Italy, 9-11 September 2018 (poster presentation)

40. I. Turcan, V. A. Lukacs, L. Curecheriu, L. Padurariu, C. E. Ciomaga, L. Mitoseriu, *Exploiting the critical grain size and silver inclusions for enhancing permittivity in BaTiO₃ ceramics*, International Conference CIEC 16, Torino, Italy, 9-11 September 2018 (oral presentation)

41. C. E. Ciomaga, R. Stanculescu and L. Mitoseriu, *Filler effect on functional properties in PVDF-based composites*, Joint Workshop of the projects POLYCOM (Italy-Romania), PN-III-P4-ID-PCE-2016-0817 (FERROSCALE) Genoa, 22-27 November 2018 (oral presentation)

Naționale

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1. A. Guzu, C. E. Ciomaga, M. Airimioaei, F. Gheorghiu and L. Mitoseriu, *Comparative study of functional properties of BaTiO₃-based magnetoelectric composites*, A XLVII-a Conferința Națională Fizica și Tehnologiile Educaționale Moderne Iași, 19-20 Mai 2018 (poster presentation)
2. O. Condurache, R. Stanculescu, S. Tascu, L. P. Curecheriu, C. E. Ciomaga and L. Mitoseriu, *Enhanced dielectric properties of PVDF polymer reinforced with MWCNT*, A XLVII-a Conferința Națională Fizica și Tehnologiile Educaționale Moderne Iași, 19-20 Mai 2018 (poster presentation)

2017**Internaționale**

42. Dielectric and Phonon Studies of Cobalt Ferrite doped Lead Zirconium Titanate Multiferroic Composites, R. Grigalaitis, A. Sakanas, J. Banys, C.E. Ciomaga, L. Mitoseriu, S. Kamba, COST IC1208 Meeting, Luxembourg 16-17 March 2017 (oral presentation)
43. Effect of porosity on nonlinear dielectric properties of BaTiO₃ porous ceramics, L.P. Curecheriu, C. Padurariu, C. Ciomaga, L. Padurariu, R. Stanculescu, N. Horchidan, L. Mitoseriu, COST IC1208 Meeting, Luxembourg 16-17 March 2017 (oral presentation)
44. Dielectric properties of porous ferroelectric structures: modeling and experimental verification, L. Curecheriu, L. Padurariu, C. Ciomaga, R. Stanculescu, C. Padurariu, M. Airimioaei, L. Mitoseriu, IEEE ROMSC 14th, Iasi, Romania, 26 June 2017 (oral presentation)
45. Study of microstructure and functional properties of layered BaTiO₃- ferrite-BaTiO₃ magnetoelectric composites obtained by SPS method, M. Airimioaei, C. E. Ciomaga, A. Guzu, N. Horchidan, L. P. Curecheriu, N. Lupu, F. M. Tufescu, L. Mitoseriu, ECerS 2017, 15th Conference & Exhibition of the European Ceramic Society Budapest, Hungary, July 9–13, 2017 (poster presentation)
46. Microstructure effects on low and high field dielectric properties of (Ba,Sr)TiO₃ based porous solid solutions, R. Stanculescu, N. Horchidan, L. Padurariu, C. Galassi, M. Asandulesa, C. E. Ciomaga, L. Mitoseriu, ECerS 2017, 15th Conference & Exhibition of the European Ceramic Society Budapest, Hungary, July 9–13, 2017 (poster presentation)
47. Effect of porosity on the dielectric, switching and DC-tunability properties of BaTiO₃ ceramics, L.P. Curecheriu, C. Padurariu, L. Padurariu, R. Stanculescu, N. Horchidan, C. Ciomaga, L. Mitoseriu, ECerS 2017, 15th Conference & Exhibition of the European Ceramic Society Budapest, Hungary, July 9–13, 2017 (oral presentation)
48. PVDF polymer composites with enhanced electrical properties, R. Stanculescu, C. E. Ciomaga, L. P. Curecheriu, L. Mitoseriu and V. Buscaglia, TO-BE COST Action MP1308, TO-BE Fall Meeting Towards oxide-based Electronics, Riga, Lituania, 11-13 Sept 2017 (poster presentation)
49. Towards novel functional properties by interface reaction in BaTiO₃-ferrite composites, I. Turcan, V.A. Lukacs, L. Curecheriu, C. Ciomaga, P. Postolache, L. Mitoseriu, S. Balciunas and J. Banys, TO-BE COST Action MP1308, TO-BE Fall Meeting Towards oxide-based Electronics, Riga, Lituania, 11-13 Sept 2017 (poster presentation)
50. Effect of porosity on the dielectric and dc-tunability properties of BaTiO₃ ceramics, L.P. Curecheriu, C. Padurariu, L. Padurariu, R. Stanculescu, C. Ciomaga and L. Mitoseriu, 11th International Conference Processes in isotopes and molecules (PIM), Cluj-Napoca, Romania 27-29 September 2017 (oral presentation)

Naționale



1. Dielectric properties of porous ferroelectric structures: modeling and experimental verification, L. Curecheriu, L. Padurariu, C. Ciomaga, R. Stanculescu, C. Padurariu, M. Airimioaei, L. Mitoseriu, IEEE ROMSC 14th, Iasi, Romania, 26 June 2017 (oral presentation)
2. Effect of porosity on the dielectric and dc-tunability properties of BaTiO₃ ceramics, L.P. Curecheriu, C. Padurariu, L. Padurariu, R. Stanculescu, C. Ciomaga and L. Mitoseriu, 11th International Conference Processes in isotopes and molecules (PIM), Cluj-Napoca, Romania 27-29 September 2017 (oral presentation)

8. **Lucrări științifice în rezumat**

în reviste cotate Web of Science cu factor de impact: (20 x AIS + 5) / număr autori

9. **Profesor invitat la universități, centre și institute de cercetare (la inițiativa probată a instituției gazdă)**

- în străinătate: 25 puncte pentru fiecare activitate

1. Profesor/CSII invitat la Unité de Catalyse et de Chimie du Solide, Faculté des Sciences Jean Perrin, Université d'Artois, Lens, France, 24-30.11.2019 – vizită laborator de cercetare și prezentări

Functional properties in multiferroic materials: experimental-modeling approach, C.E. Ciomaga, Unité de Catalyse et de Chimie du Solide, Faculté des Sciences Jean Perrin, Université d'Artois, Lens, France, 26.11.2019,

Monitoring the structural changes induced by the application of the electric field and functional properties of Ba_{0.85}Ca_{0.15}Ti_{0.9}Zr_{0.1}O₃ ceramics, C.E. Ciomaga, Unité de Catalyse et de Chimie du Solide, Faculté des Sciences Jean Perrin, Université d'Artois, Lens, France 27.11.2019.

2. Profesor/CSII invitat la Unité de Catalyse et de Chimie du Solide, Faculté des Sciences Jean Perrin, Université d'Artois, Lens, France, 01-06.11.2021 – vizită laborator de cercetare și prezentări

Dielectric and ferroelectric properties on (Nd, Gd, Dy, Eu)₂WO₆ ceramics (on 02 November 2021), Unité de Catalyse et de Chimie du Solide, Faculté des Sciences Jean Perrin, Université d'Artois, Lens, France

Dielectric, ferroelectric, piezoelectric and non-linear characterization of Ba_{0.85}Ca_{0.15}Ti_{0.9}Zr_{0.1}O₃ ceramics obtained by different sintering methods (on 03 November 2021), Unité de Catalyse et de Chimie du Solide, Faculté des Sciences Jean Perrin, Université d'Artois, Lens, France

Punctaj secțiune = 50 puncte

- în țară: 10 puncte pentru fiecare activitate

10. **Poziții de conducere în organizații științifice ori profesionale**

internaționale: 20 puncte;

naționale: 5 puncte / organizație

11. **Membru al Academiei Române și al academiilor din străinătate**

Membru al Academiei Române: 100 puncte;



Membru al Academiei din străinătate (exclusiv academii care acceptă calitatea de membru contra unei taxe): 500 puncte;

12. Editor, membru în echipa editorială la (se va puncta o singură dată pentru fiecare perioadă de 5 ani):

- Reviste cotate Web of Science

Editor: 20 puncte/ activitate;

1. Guest Editor la Materials (ISSN 1996-1944) (ISI=3.054, AIS=0.543, Q2), Special Issue "Advanced in Ferroelectrics and Piezoelectric Composites"

Punctaj secțiune = 20 puncte

Membru în echipa editorială: 15 puncte/ activitate;

- Anale UAIC, reviste UAIC, reviste indexate BDI

Editor: 0,5 puncte/ activitate;

Membru în echipa editorială: 0,1 puncte/ activitate;

13. Referent (peer-reviewer)

reviste de specialitate cotate Web Of Science:

0.1 puncte / activitate

1. Ceramic International (2017) – 1 review x 0,1
2. Journal of Composite Science (2017) – 1 review x 0,1
3. Crystals, Ceramics, Journal of Composites Science (2017-2021) -3 review x 0,1
4. Ceramics (2018) - 1 review x 0,1
5. Journal of Alloys and Compounds (2018) - 1 review x 0,1
6. Ceramics, Journal of Composites Science (2017-2018) - 2 review x 0,1
7. Physica Status Solidi B: Basic Solid State Physics (2018) – 1 review x0,1
8. Journal of Alloys and Compounds (2020) - 1 review x 0,1
9. Journal of the European Ceramic Society (2020) - 1 review x0,1
10. Journal of Materials Chemistry C 2021 – 1 review x 0,1
11. Journal of Alloys and Compounds 2021 - 1review x 0,1

Punctaj secțiune = 1.4 puncte

TOTAL punctaj Criteriul I: 2793.184 puncte

I. ACTIVITATEA INSTITUȚIONALĂ (20%)

1.1 Activități de promovare UAIC; Caravana UAIC ; participare târguri, expoziții, evenimente instituționale

5 puncte pentru fiecare activitate/ pe an



1. Membru în comisia de evaluare în cadru concursului „Tineri Cercetători în știință și inginerie” Rada Mihalcea, Cluj-Napoca, România **5 puncte**
2. Evaluador proiecte de cercetare științifice _UEFISCDI -2019 **5 puncte**

1.2. Responsabil evaluări ARACIS

5 puncte/deplasare

Punctaj secțiune = 10 puncte

2. Organizare manifestări științifice (conferințe, congrese, colocvii) și școli de vară, demonstrabile cu link la pagina web

- internaționale:
coordonator: 15 puncte / activitate;
membru comitet organizare: 5 puncte / activitate;
- naționale:
coordonator 10 puncte / activitate;
membru comitet organizare: 3 puncte / activitate

3. Responsabilități în cadrul Universității, facultăților și în cadrul departamentelor conexe activităților de cercetare

Rector: 50 puncte anual;
Prorectori, Director CSUD, Director FC/ID/IFR: 45 puncte anual;
Decani: 40 puncte anual;
Prodecani, Directori Departamente interdisciplinare, Director Școală Doctorală, Director ID, Director Centrul de Studii Europene, Grădina Botanică, Muzeu, Stațiuni de Cercetare: 35 puncte anual;
Director departament facultate: 30 puncte anual;
Coordonator laborator, grup, colectiv: 10 puncte anual

Coordonator grup EnginPOR, proiect PN-III-P4-ID-PCE-2020-1988 (Listă membri echipă) – **10 puncte**

Punctaj secțiune = 10 puncte

4. Responsabilități în cadrul Senatului Universității / Consiliului facultății / Consiliul departamentului

Senat: președinte - 30 puncte anual/ vicepreședinte - 25 puncte anual / președinte al unei comisii de specialitate - 20 puncte anual/ membru – 15 puncte anual
Facultate: 10 puncte anual

1. Membru Consiliu Facultatea de Fizică (Decizie nr 11/14.02.2020) – **10 puncte**

Punctaj secțiune = 10 puncte

Departament: 5 puncte anual



5. Membru în comisii ale universității avizate de Senat (Comisia de Etică, Comisia pentru managementul calității, Comisia de regulamente, etc.)

10 puncte anual /comisie

1. Președinte Comisia de Etică ICI (Decizie nr 13/22.04.2021)- **10 puncte**
2. Membru Grup de lucru pentru înființarea Școlii doctorale în cadrul ICI – **10 puncte**
3. Membru în comisia de evaluare licitație deschisa echipamente laborator (Decizie nr 99/01.10.2021) – **10 puncte**
4. Membru în comisia de recepție a produselor pentru dotare laborator (Decizie nr 11A/29.06.2021) – **10 puncte**
5. Membru în comisia de evaluare și recepție a produselor pentru dotare laborator (Decizie nr 65/11.06.2021)– **10 puncte**
6. Membru în comisia de evaluare licitație deschisa echipamente laborator (Decizie nr 82/12.08.2020) – **10 puncte**
7. Membru în comisia de recepție a produselor pentru dotare laborator (Decizie nr 67/BJ//24.07.2019) – **10 puncte**

Punctaj secțiune = 70 puncte

6. Membru în comisii concurs în vederea ocupării un post didactic ori de cercetare în învățământul universitar

5 puncte / comisie

1. Membru comisie concurs pentru ocupare poziție Masterand proiect PN-III-P1-1.1-TE-2019-1689 (Decizia nr 897/05.07.2021) – **5 puncte**
2. Membru comisie concurs pentru ocupare poziție Masterand proiect PN-III-P1-1.1-TE-2019-1929 (Decizia nr 898/05.07.2021) – **5 puncte**
3. Membru comisie concurs pentru ocupare poziție Masterand proiect PN-III-P4-ID-PCCF-2016-0175 (Decizia nr 640/14.05.2021) – **5 puncte**
4. Membru comisie concurs pentru ocupare poziție Masterand proiect PN-III-P4-ID-PCCF-2016-0175 (Decizia nr 1148/14.12.2020) – **5 puncte**
5. Membru comisie concurs pentru ocupare poziție CS proiect PN-III-P4-ID-PCCF-2016-0175 (Decizia nr 07/19.09.2019) – **5 puncte**
6. Membru comisie concurs pentru ocupare poziție doctorand proiect PN-III-P1-1.1-TE-2016-1951 (Decizia nr 29/8.01.2019) – **5 puncte**
7. Membru comisie concurs pentru ocupare poziție Doctorand proiect PN-III-P4-ID-PCE-2016-0817 (Decizia nr 463/04.04.2018) – poziția 7– **5 puncte**
8. Membru comisie concurs pentru ocupare poziție Doctorand proiect PN-III-P4-ID-PCE-2016-0817 (Decizia nr 463/04.04.2018) – poziția 8 – **5 puncte**

Punctaj secțiune = Punctaj 40

**7. Membru comisii de doctorat (admitere, îndrumare și susținere publică)**

- străinătate:
5 puncte pentru fiecare activitate;
- țară:
2 puncte pentru fiecare activitate

2021

1. Membru în comisia de îndrumare drd. a Ina ȚURCAN, pre-susținerea, în fața comisiei de îndrumare, a tezei de doctorat cu titlul „Ceramici compozite cu proprietăți multifuncționale”, 02.07.2021. – **2 puncte**

2020

2. Membru în comisia de îndrumare a drd. Alexandru Vlad Lukacs, prezentare referat de cercetare pentru doctorat „Study of scale dependent effects in oxide ferroelectrics”, 20.03.2020 **2 puncte**
3. Membru în comisia de îndrumare a drd. Alexandra Guzu, pre-susținerea tezei de doctorat intitulată „Sisteme magnetoelectrice pe baza de perovskiti ferroelectrici”, 13.07.2020 **2 puncte**
4. Membru în comisia de îndrumare a drd. Alexandru Vlad Lukacs, în fața comisiei de îndrumare, a tezei de doctorat cu titlul „Scale dependent effects in ferroelectric oxides”, 02.12.2020 **2 puncte**

2019

5. Membru în comisia de îndrumare a drd. Ina Turcan, prezentare referat doctorat „Sisteme compozite ferroelectric-conductor”, 25.03.2019 **2 puncte**
6. Membru în comisia de îndrumare a drd. Alexandru Vlad Lukacs, prezentare referat doctorat „Preparation and investigation of scale effects in BT solid solution”, 03.06.2019 **2 puncte**

2018

7. Membru în comisia de îndrumare a drd. Țurcanu Ina, titlul „Sisteme compozite magnetoelectrice”, în data 26.09.2018 **2 puncte**
8. Membru în comisia de îndrumare a drd. Lukacs Vlad-Alexandru, susținere în fața comisiei de îndrumare a raportului de cercetare cu titlul „Stadiul actual al cunoașterii în domeniul efectelor dimensionale în perovskiti ferroelectrici ceramici”, în data 08.06.2018 **2 puncte**
9. Membru în comisia de îndrumare a drd. Guzu (Cas Maftai) Alexandra, susținere în fața comisiei de îndrumare a raportului de cercetare cu titlul „Proprietățile funcționale ale sistemelor magnetoelectrice compozite” în data 31.05.2018 **2 puncte**

2017

10. Membru în comisia de îndrumare a drd. Padurariu Cipriana, susținerea în fața comisiei de îndrumare a referatului de cercetare cu titlul “Rolul porozității asupra proprietăților electrice, ferroelectrice și de tunabilitate”, în vederea elaborării tezei de doctorat, din data 25.05.2017. **2 puncte**



11. Membru în comisia de îndrumare a drd. Alexandra Guzu, susținerea în fața comisiei de îndrumare a referatului de cercetare cu titlul "Prepararea și caracterizarea compozitelor magnetoelectrice", în vederea elaborării tezei de doctorat din data 08.06.2017. **2 puncte**

12. Membru în comisia de îndrumare a drd. Ina Țurcan, susținerea în fața comisiei de îndrumare a referatului de cercetare cu titlul: "Sisteme compozite pe bază de particule metalice", în vederea elaborării tezei de doctorat din data 08.06.2017. **2 puncte**

13. Membru în comisia de îndrumare a drd. Ioana Ciuchi, teză doctorat în comisia de îndrumare cu titlul: "Perovskite system with ferroelectric/antiferroelectric character" din data 18.08.2017. **2 puncte**

Punctaj secțiune = 26 puncte

8. Proiecte pentru mobilități și tip grant

coordonator: 20 puncte x valoarea proiectului / 500.000 Euro

membru: 10 puncte x valoarea proiectului / 500.000 Euro / numărul membrilor echipei

TOTAL punctaj Criteriul II: 166 puncte

TOTAL PUNCTAJ I+II: 2.959,185

NOTE

Pentru gradații de merit evaluarea se raportează la ultimii 5 ani dinaintea concursului.

Criterii suplimentare de eligibilitate:

- **Îndeplinirea punctajelor minime la evaluările anuale ale activității de cercetare**

Declar pe propria răspundere că au fost îndeplinite toate criteriile minime de evaluare anuale, punctajul acordat anual fiind 100 puncte. (Adeverință pentru anii 2017-2020 Facultatea de Fizică).

- **Raportarea activității anuale de cercetare care stă la baza accesării finanțării suplimentare**

Declar pe propria răspundere că am efectuat fiecare raportare solicitată în decursul perioadei de evaluare 2017-2021, care a stat la baza accesării finanțării suplimentare (Indicatori IC2, evaluare ARACIS, clasament Intl TankPro, etc).

- **Participarea la evaluările prevăzute de actele normative în vigoare și regulamentele UAIC**

Declar pe propria răspundere că am participat și trimis fiecare raportare solicitată de UAIC în decursul perioadei de evaluare 2017-2021.

Semnătura,

CSII dr. Cristina-Elena CIOMAGA

Data,
10.12.2021