

Mpf Graa

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5678304/mpf-graca-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

224
papers

3,650
citations

32
h-index

48
g-index

238
ext. papers

4,282
ext. citations

3.7
avg. IF

5.58
L-index

#	Paper	IF	Citations
224	Electrical charging of bioceramics by corona discharge. <i>Journal of Electrostatics</i> , 2022 , 115, 103664	1.7	3
223	Investigation of temperature and frequency dependence of the dielectric properties of multiferroic (LaCa)BiFeO nanoparticles for energy storage application.. <i>RSC Advances</i> , 2022 , 12, 6907-6917	3.7	0
222	Electrical and Magnetic Studies of Maghemite (Fe ₂ O ₃) Prepared by the Sol-Gel Route. <i>Journal of Electronic Materials</i> , 2022 , 51, 2698-2707	1.9	0
221	Effect of Pr substitution in the A site on the structural, dielectric and magnetic properties of double perovskite La ₂ NiMnO ₆ . <i>Applied Physics A: Materials Science and Processing</i> , 2022 , 128, 1	2.6	0
220	Study of structural properties and conduction mechanisms of La _{0.67} Ca _{0.2} Ba _{0.13} Fe _{0.97} Ti _{0.03} O ₃ perovskite. <i>Inorganic Chemistry Communication</i> , 2022 , 140, 109435	3.1	0
219	Thermal sensing in NIR to visible upconversion of Ho ³⁺ and Yb ³⁺ doped yttrium oxyfluoride phosphor. <i>Optical Materials</i> , 2022 , 129, 112442	3.3	1
218	Structural and electrical properties of double perovskite oxide LaPbFeTiO ₆ synthesized by a sol-gel process. <i>Applied Physics A: Materials Science and Processing</i> , 2021 , 127, 1	2.6	2
217	Structural, morphological, Raman, dielectric and electrical properties of La Ba Bi FeO (0.00-0.20) compounds.. <i>RSC Advances</i> , 2021 , 11, 36148-36165	3.7	0
216	Study of the influence of 2.5% Mg insertion in the B-site of LaCaPbFeO on its structural, electrical and dielectric properties.. <i>RSC Advances</i> , 2021 , 11, 33070-33080	3.7	0
215	Tuning the magnetic and electric behavior of lithium ferrite using an eco-friendly pectin sol-gel route. <i>Journal of Sol-Gel Science and Technology</i> , 2021 , 98, 580-592	2.3	0
214	Structural, thermal, morphological and dielectric investigations on 45S5 glass and glass-ceramics. <i>Journal of Non-Crystalline Solids</i> , 2021 , 562, 120780	3.9	3
213	DFRTtoEIS: An easy approach to verify the consistency of a DFRT generated from an impedance spectrum. <i>Electrochimica Acta</i> , 2021 , 366, 137429	6.7	5
212	Conduction Mechanism and Dielectric Properties of Polycrystalline La _{0.53} Ca _{0.47} Mn _{0.5} Cr _{0.5} O ₃ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2021 , 34, 497-505	1.5	2
211	Mg-substitution effect on microstructure, dielectric relaxation and conduction phenomenon of Fe based perovskite nanomaterials. <i>Journal of Alloys and Compounds</i> , 2021 , 856, 157425	5.7	6
210	Assessment of the critical behavior in the multiferroic Bi _{0.8} Ba _{0.1} Er _{0.1} Fe _{0.96} Cr _{0.02} Co _{0.02} O ₃ material, multi-substitution effect on magnetic and Mössbauer properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2021 , 524, 167640	2.8	0
209	Influence of pyrochlore phase on the dielectric properties of the bismuth niobate system. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021 , 263, 114880	3.1	3
208	Electrical conductivity and dielectric properties of Sr doped M-type barium hexaferrite BaFeO.. <i>RSC Advances</i> , 2021 , 11, 1531-1542	3.7	7

207	Synthesis and study of the structural and dielectric properties of La _{0.67} Ca _{0.2} Ba _{0.13} Fe _{1-x} Mn _x O ₃ ferrites (x = 0, 0.03 and 0.06). <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 7926-7942	2.1	1
206	Analogy of different optical temperature sensing techniques in LaNbO ₄ :Er ³⁺ /Yb ³⁺ phosphor. <i>Journal of Luminescence</i> , 2021 , 235, 117992	3.8	9
205	Magnetocaloric effect of polycrystalline La _{0.5} Sm _{0.2} Sr _{0.3} Mn _{1-x} Cr _x O ₃ (0 ≤ x ≤ 0.20) compound prepared by glycine-nitrate process. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 22106-22118	2.1	9
204	Study of ZnO room temperature NO ₂ sensor under illumination prepared by auto-combustion. <i>Applied Physics A: Materials Science and Processing</i> , 2021 , 127, 1	2.6	5
203	Investigation of Cr substitution effect on the evolution of La _{0.67} Ca _{0.2} Ba _{0.13} Fe _{1-x} Cr _x O ₃ (x = 0 and 0.03) electrical properties under frequency and temperature variation. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	2
202	Structural, dielectric relaxation and magnetic features of the (La _{0.8} Ca _{0.2}) _{0.9} Bi _{0.1} Fe _{1-y} Ti _y O ₃ (y = 0.0 and 0.1) nanoparticles. <i>Journal of Alloys and Compounds</i> , 2021 , 876, 160222	5.7	3
201	Poly(l-lactic acid)/lithium ferrite composites: Electrical properties. <i>Polymer</i> , 2021 , 230, 124100	3.9	2
200	Structural characterization of Brazilian niobium pentoxide and treatment to obtain the single phase (H-Nb ₂ O ₅). <i>Thermal Science and Engineering Progress</i> , 2021 , 25, 101015	3.6	1
199	Impact of the pulling rate on the redox state and magnetic domains of Fe-Si-O glass ceramic processed by LFZ method. <i>Materials Research Bulletin</i> , 2020 , 131, 110972	5.1	3
198	Effect of synthesis route on structural, morphological, Raman, dielectric, and electric properties of La _{0.8} Ba _{0.1} Bi _{0.1} FeO ₃ . <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 3197-3214	2.1	7
197	Low-Cost Hydroxyapatite Powders from Tilapia Fish. <i>Jom</i> , 2020 , 72, 1435-1442	2.1	5
196	Comparison of lithium ferrite powders prepared by sol-gel and solid state reaction methods. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020 , 255, 114529	3.1	10
195	Effect of Bi-substitution into the A-site of multiferroic LaCaFeO on structural, electrical and dielectric properties.. <i>RSC Advances</i> , 2020 , 10, 16132-16146	3.7	13
194	High performance SnO ₂ pure photoelectrode in dye-sensitized solar cells achieved via electrophoretic technique. <i>Solar Energy</i> , 2020 , 211, 312-323	6.8	4
193	Effect of annealing temperature on structural, morphological and dielectric properties of La _{0.8} Ba _{0.1} Ce _{0.1} FeO ₃ perovskite. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 16220-16234	2.1	5
192	Investigation of dielectric relaxation phenomena and AC electrical conductivity in graphite/carbon nanotubes/engine oil nanofluids. <i>Journal of Reinforced Plastics and Composites</i> , 2020 , 073168442095185	2.9	2
191	Synthesis and study of structural, optical, and electrical properties of nontoxic and earth-abundant Na ₂ ZnSn ₄ material. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 18858-18869	2.1	1
190	Electrical, morphology and structural properties of biodegradable nanocomposite polyvinyl-acetate/ cellulose nanocrystals. <i>Materials Chemistry and Physics</i> , 2020 , 240, 122182	4.4	10

189	Evaluation of the relationship between the magnetism and the optical properties in SrTiO ₃ -□ defective systems: Experimental and theoretical studies. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 478, 175-186	2.8	13
188	Niobium oxide prepared by sol-gel using powder coconut water. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 11346-11353	2.1	2
187	Photoelectrodes with titanate nanotubes sensitized by mesoporphyrin derivative from cashew nut shell. <i>Revista Materia</i> , 2019 , 24,	0.8	1
186	High ethanol gas sensing property and modulation of magnetic and AC-conduction mechanism in 5% Mg-doped La _{0.8} Ca _{0.1} Pb _{0.1} FeO ₃ compound. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 12389-12398	2.1	5
185	Strontium-substituted La _{0.75} Ba _{0.25} □ _x Sr _x FeO ₃ (x = 0.05, 0.10 and 0.15) perovskite: dielectric and electrical studies. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 8457-8470	2.1	10
184	Nontoxic glasses: Preparation, structural, electrical and biological properties. <i>International Journal of Applied Ceramic Technology</i> , 2019 , 16, 1885-1894	2	6
183	Investigating the structural, morphological, dielectric and electric properties of the multiferroic (La _{0.8} Ca _{0.2}) _{0.9} Bi _{0.1} FeO ₃ material. <i>Chemical Physics Letters</i> , 2019 , 731, 136588	2.5	9
182	Modulation of magnetism and study of impedance and alternating current conductivity of Zn _{0.4} Ni _{0.6} Fe ₂ O ₄ spinel ferrite. <i>Journal of Molecular Structure</i> , 2019 , 1184, 298-304	3.4	12
181	Broadband ferromagnetic resonance in Mn-doped Li ferrite nanoparticles. <i>Materials Research Bulletin</i> , 2019 , 112, 432-437	5.1	6
180	Oxygen-vacancy-related giant permittivity and ethanol sensing response in SrTiO ₃ - ceramics. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2019 , 108, 317-325	3	17
179	Structural, morphological, Raman and ac electrical properties of the multiferroic sol-gel made Bi _{0.8} Er _{0.1} Ba _{0.1} Fe _{0.96} Cr _{0.02} Co _{0.02} O ₃ material. <i>Journal of Alloys and Compounds</i> , 2019 , 775, 304-315	5.7	17
178	Structural, magnetic and magnetocaloric properties of La _{0.5} Sm _{0.2} Sr _{0.3} Mn _{1-x} FexO ₃ compounds with (0 ≤ x ≤ 0.15). <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 475, 635-642	2.8	11
177	Structure, Raman, dielectric behavior and electrical conduction mechanism of strontium titanate. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2018 , 99, 75-81	3	18
176	Structural, electric, and dielectric characterizations of La _{0.5} Pr _{0.2} Sr _{0.3} Mn _{1-x} FexO ₃ perovskite prepared by self combustion method. <i>Journal of Alloys and Compounds</i> , 2018 , 739, 1048-1058	5.7	9
175	Structural and impedance spectroscopy characteristics of BaCO/BaSnO/SnO nanocomposite: observation of a non-monotonic relaxation behavior.. <i>RSC Advances</i> , 2018 , 8, 2100-2108	3.7	11
174	Effect of annealing temperature on structural, morphology and dielectric properties of La _{0.75} Ba _{0.25} FeO ₃ perovskite. <i>Superlattices and Microstructures</i> , 2018 , 117, 260-270	2.8	25
173	Impedance spectroscopy study of polyester/carbon nanotube composites. <i>Polymer Composites</i> , 2018 , 39, 1297-1302	3	12
172	Effect of laser processing on physical properties of (Ba _{0.85} Ca _{0.15} Ti _{0.9} Zr _{0.1} O ₃) lead-free thick films fabricated by the electrophoretic deposition. <i>Journal of Physics and Chemistry of Solids</i> , 2018 , 113, 94-101	3.9	3

171	Dielectric Analysis of Phosphate-Borate Glass-Ceramics Doped with Alkali Oxides. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2018 , 153-163	0.2	
170	Magnetic and electric characterizations of sol-gel-derived NaFe(WO ₄) ₂ rods. <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1	2.6	1
169	Temperature dependent upconversion and spectroscopic properties of Nd ³⁺ doped barium bismuth tellurite glasses. <i>Journal of Non-Crystalline Solids</i> , 2018 , 498, 89-94	3.9	8
168	The effect of bismuth on the structure, magnetic and electric properties of Co ₂ MnO ₄ spinel multiferroic. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 451, 344-350	2.8	14
167	Yttrium ferrites with enhanced dielectric properties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2018 , 232-235, 41-47	3.1	6
166	Microwave Dielectric Properties of CCTO/PVA Composites. <i>Advances in Materials Science and Engineering</i> , 2018 , 2018, 1-7	1.5	4
165	Temperature Effect on the Dielectric Response of Carbon Nanotubes Particles Filled Polyester Polymer Composites. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2018 , 261-272	0.2	
164	Electrical and Magnetic Properties of Yttrium Ferrites. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2018 , 165-174	0.2	
163	The Measurement of Thermally Stimulated Depolarization and Polarization Currents. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2018 , 121-137	0.2	
162	Synthesis, structural characterization and broadband ferromagnetic resonance in Li ferrite nanoparticles. <i>Journal of Alloys and Compounds</i> , 2018 , 765, 186-192	5.7	11
161	Doped tellurite glasses: Extending near-infrared emission for near-2.0- μ m amplifiers. <i>International Journal of Applied Glass Science</i> , 2017 , 8, 216-225	1.8	7
160	Dielectric and magnetic properties of a yttrium ferrite/calcium copper titanate composite. <i>Spectroscopy Letters</i> , 2017 , 50, 206-213	1.1	2
159	TSDC and impedance spectroscopy measurements on hydroxyapatite, β -tricalcium phosphate and hydroxyapatite/ β -tricalcium phosphate biphasic bioceramics. <i>Applied Surface Science</i> , 2017 , 424, 28-38	6.7	17
158	Photoluminescence varied by selective excitation in BiGdWO ₆ :Eu ³⁺ phosphor. <i>Optical Materials</i> , 2017 , 74, 120-127	3.3	8
157	Photoluminescence in europium ion-substituted bismuth niobate particles. <i>Spectroscopy Letters</i> , 2017 , 50, 285-288	1.1	2
156	Ferroelectric glass-ceramics. <i>MRS Bulletin</i> , 2017 , 42, 213-219	3.2	11
155	Studies on dielectric dispersion, relaxation kinetics and a.c. conductivity of Na ₂ O-CuO-SiO ₂ glasses mixed with Bi ₂ O ₃ -Influence of redox behavior of copper ions. <i>Journal of Alloys and Compounds</i> , 2017 , 696, 1260-1268	5.7	33
154	Raman, EPR and ethanol sensing properties of oxygen-Vacancies SrTiO ₃ -Compounds. <i>Applied Surface Science</i> , 2017 , 426, 386-390	6.7	34

153	Nanocrystalline ZnO/Bi ₂ O ₃ mixed metal oxide powder: microstructural study, optical properties, and photocatalytic activity. <i>Journal of Sol-Gel Science and Technology</i> , 2017 , 84, 274-282	2.3	14
152	Effect of oxygen vacancies on SrTiO ₃ electrical properties. <i>Journal of Alloys and Compounds</i> , 2017 , 723, 894-903	5.7	42
151	Dielectric behaviour of carbon nanotubes particles-filled polyester polymer composites. <i>Journal of Composite Materials</i> , 2017 , 51, 1831-1837	2.7	15
150	Effect of laser irradiation on lithium niobate powders. <i>Ceramics International</i> , 2017 , 43, 2504-2510	5.1	3
149	Highly efficient upconversion of Er in Yb codoped non-cytotoxic strontium lanthanum aluminate phosphor for low temperature sensors. <i>Scientific Reports</i> , 2017 , 7, 17646	4.9	34
148	SiO ₂ /Er ₂ O ₃ /MoO ₃ ceramic system doped with Nb ₂ O ₅ , a study of the dielectric temperature dependence. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 5764-5769	2.1	1
147	Performance Enhancement of the Dielectric Properties of Sn-Doped Ba _{0.8} Sr _{0.2} TiO ₃ Perovskite. <i>Journal of Electronic Materials</i> , 2016 , 45, 5074-5081	1.9	0
146	Temperature-dependent electrorheological effect and its description with respect to dielectric spectra. <i>Journal of Intelligent Material Systems and Structures</i> , 2016 , 27, 880-886	2.3	14
145	Power dependent upconversion in Er ³⁺ /Yb ³⁺ co-doped BiNbO ₄ phosphors. <i>Ceramics International</i> , 2016 , 42, 6899-6905	5.1	12
144	Synthesis, crystal structure, thermal analysis and dielectric properties of (C ₈ H ₁₂ N) ₃ SnCl ₆ .Cl compound. <i>Synthetic Metals</i> , 2016 , 217, 129-137	3.6	17
143	Niobium oxides and niobates physical properties: Review and prospects. <i>Progress in Materials Science</i> , 2016 , 80, 1-37	42.2	244
142	Nanodiamond-Fe ₃ O ₄ nanofluids: Preparation and measurement of viscosity, electrical and thermal conductivities. <i>International Communications in Heat and Mass Transfer</i> , 2016 , 73, 62-74	5.8	116
141	Structural, morphological and dielectric properties of BiNbO ₄ ceramics prepared by the sol-gel method. <i>Materials Research Bulletin</i> , 2016 , 78, 128-133	5.1	15
140	Structural and thermal characterization of phosphate based glasses promising for hydrogen absorption. <i>Journal of Non-Crystalline Solids</i> , 2016 , 434, 28-35	3.9	7
139	Effect of Fe-doping on the structure and magnetoelectric properties of (Ba _{0.85} Ca _{0.15})(Ti _{0.9} Zr _{0.1})O ₃ synthesized by a chemical route. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 1066-1079	7.1	47
138	Electrical conductivity of multiwalled carbon nanotubes/polyester polymer nanocomposites. <i>Journal of Composite Materials</i> , 2016 , 50, 3283-3290	2.7	29
137	Multiferroic interfaces in bismuth ferrite composite fibers grown by laser floating zone technique. <i>Materials and Design</i> , 2016 , 90, 829-833	8.1	5
136	Temperature-, power-, and concentration-dependent two and three photon upconversion in Er ³⁺ /Yb ³⁺ co-doped lanthanum ortho-niobate phosphors. <i>RSC Advances</i> , 2016 , 6, 68160-68169	3.7	24

135	Study of structural, electrical, and dielectric properties of phosphate-borate glasses and glass-ceramics. <i>Journal of Applied Physics</i> , 2016 , 120, 051701	2.5	9
134	Magnetoelectric studies on CoFe ₂ O ₄ /0.5(BaTi _{0.8} Zr _{0.2} O ₃)-0.5(Ba _{0.7} Ca _{0.3} TiO ₃) lead-free bilayer thin films derived by the chemical solution deposition. <i>Journal of Applied Physics</i> , 2016 , 120, 074108	2.5	21
133	Structural, optical, and electrical properties of SmNbO ₄ . <i>Journal of Applied Physics</i> , 2016 , 120, 051708	2.5	10
132	Effects of Zr and Ga doping on the stoichiometry and properties of niobium oxides. <i>Ceramics International</i> , 2016 , 42, 1688-1697	5.1	4
131	Ba-doped ZnO nanostructure: X-ray line analysis and optical properties in visible and low frequency infrared. <i>Ceramics International</i> , 2016 , 42, 12860-12867	5.1	15
130	Structural and electrical properties of TeO ₂ /WO ₃ /ZnO glassy systems. <i>Journal of Non-Crystalline Solids</i> , 2016 , 443, 65-74	3.9	23
129	High dielectric constant and capacitance in ultrasmall (2.5 nm) SrHfO ₃ perovskite nanoparticles produced in a low temperature non-aqueous sol-gel route. <i>RSC Advances</i> , 2016 , 6, 51493-51502	3.7	14
128	Structural and electrical properties of zinc tantalum borate glass ceramic. <i>Ceramics International</i> , 2016 , 42, 17269-17282	5.1	24
127	Structural influence of Bi ³⁺ ions on physical properties of Na ₂ CuSiO ₄ glasses photoluminescence and thermoluminescence studies. <i>Journal of Non-Crystalline Solids</i> , 2016 , 449, 50-54	3.9	6
126	Impedance Spectroscopy of Nanofluids based on Multiwall Carbon Nanotubes. <i>Spectroscopy Letters</i> , 2015 , 48, 761-766	1.1	9
125	Crystal structure, magnetic and dielectric behavior of h-LuMnxO ₃ ceramics (0.95 ≤ x ≤ 1.04). <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 395, 303-311	2.8	6
124	Electrical and dielectric analysis of phosphate based glasses doped with alkali oxides. <i>Materials and Design</i> , 2015 , 86, 427-435	8.1	9
123	Adsorbed water clusters in garnet cracks detected by impedance and Raman spectroscopies at the supercooled water phase transition. <i>Geophysics</i> , 2015 , 80, D355-D362	3.1	1
122	Physical properties and ethanol sensing of perovskite La _{0.8} Pb _{0.2} Fe _{1-x} Mg _x O ₃ compounds. <i>Journal of Alloys and Compounds</i> , 2015 , 644, 304-307	5.7	8
121	Structural, electrical and dielectric characterization of TeO ₂ /WO ₃ /ZnO/Er ₂ O ₃ /Nb ₂ O ₃ glasses. <i>Materials Research Bulletin</i> , 2015 , 68, 314-319	5.1	9
120	Ionic hopping conductivity in potential batteries separator based on natural rubber/nanocellulose green nanocomposites. <i>Journal of Molecular Liquids</i> , 2015 , 211, 792-802	6	22
119	Synthesis, crystal structure and electrical properties of N,N-dimethylanilinium trichloridostannate (II): (C ₈ H ₁₂ N)SnCl ₃ . <i>Journal of Molecular Structure</i> , 2015 , 1102, 71-80	3.4	19
118	Magnetic, Raman and Mössbauer properties of double-doping LaFeO ₃ perovskite oxides. <i>Materials Chemistry and Physics</i> , 2015 , 149-150, 467-472	4.4	27

117	Optical and structural properties of (70-x-y)TeO ₂ -20WO ₃ -10Y ₂ O ₃ -xEr ₂ O ₃ -yYb ₂ O ₃ glasses. <i>Applied Surface Science</i> , 2015 , 336, 28-33	6.7	9
116	AC conductivity analysis and dielectric relaxation behavior of (C ₆ H ₂₀ N ₃)BiBr ₆ .H ₂ O. <i>Journal of Physical Organic Chemistry</i> , 2015 , 28, 674-680	2.1	6
115	Electrical analysis of niobium oxide thin films. <i>Thin Solid Films</i> , 2015 , 585, 95-99	2.2	15
114	AC and DC electrical conductivity in natural rubber/nanofibrillated cellulose nanocomposites. <i>Journal of Molecular Liquids</i> , 2015 , 209, 272-279	6	39
113	Microwave dielectric properties of (Bi _{1-x} Fe _x)NbO ₄ ceramics prepared by the sol-gel method. <i>Ceramics International</i> , 2015 , 41, 8186-8190	5.1	15
112	ELECTRICAL CONDUCTION AND DIELECTRIC PROPERTIES OF THE LACUNAR Ca ₂ MnO _{4-δ} SYSTEM 2015 , 13, 129-146		3
111	Electrical Properties of Lithium Ferrite Nanoparticles Dispersed in a Styrene-Isoprene-Styrene Copolymer Matrix. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2015 , 273-279	0.1	2
110	Nanoindentation induced piezoelectricity in SrTiO ₃ single crystals. <i>Scripta Materialia</i> , 2014 , 74, 76-79	5.6	25
109	Low-temperature dielectric measurements of confined water in porous granites. <i>Geophysics</i> , 2014 , 79, D187-D195	3.1	1
108	Eu ³⁺ luminescence in aluminophosphate glasses. <i>Journal of Luminescence</i> , 2014 , 145, 582-587	3.8	16
107	Observation of magnetoelectric coupling and local piezoresponse in modified (Na _{0.5} Bi _{0.5})TiO ₃ -BaTiO ₃ -CoFe ₂ O ₄ lead-free composites. <i>Dalton Transactions</i> , 2014 , 43, 9934-43	4.3	37
106	Ferroelectric and magnetic properties of magnetoelectric (Na _{0.5} Bi _{0.5})TiO ₃ BiFeO ₃ synthesized by acetic acid assisted sol-gel method. <i>Journal of the European Ceramic Society</i> , 2014 , 34, 4201-4211	6	37
105	Blue-green photoluminescence in BaZrO ₃ powders. <i>Chemical Physics Letters</i> , 2014 , 610-611, 341-344	2.5	14
104	Conductivity of Cu ²⁺ ion-conducting glassy nanocomposites. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2014 , 189, 21-26	3.1	5
103	Enhanced green upconversion by controlled ceramization of Er ³⁺ and Yb ³⁺ co-doped sodium niobium tellurite glass-ceramics for low temperature sensors. <i>Journal of Alloys and Compounds</i> , 2014 , 617, 108-114	5.7	27
102	Classical and Relaxor Ferroelectric Behavior of Titanate of Barium and Zirconium Ceramics. <i>Spectroscopy Letters</i> , 2014 , 47, 404-410	1.1	4
101	Molecular dynamics of nanocomposites natural rubber/cellulose nanowhiskers investigated by impedance spectroscopy. <i>Journal of Molecular Liquids</i> , 2014 , 196, 187-191	6	24
100	Effect of rare-earth (La and Eu) doping on ferroelectric and magnetic properties of magnetoelectric Pb(Fe _{0.5} Nb _{0.5})O ₃ . <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014 , 211, 2094-2097	1.6	5

99	Study of the influence of thermal treatment on the magnetic properties of lithium ferrite prepared by wet ball-milling using nitrates as raw material. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2014 , 186, 83-88	3.1	14
98	Green photoluminescence in GdAlO ₃ powders. <i>Materials Letters</i> , 2014 , 128, 235-237	3.3	16
97	Structural, electrical and ethanol sensing properties of double-doping LaFeO ₃ perovskite oxides. <i>Ceramics International</i> , 2014 , 40, 14367-14373	5.1	62
96	The influence of the heat treatment temperature in the magnetic characteristics of a SiO ₂ /Ti ₂ O ₃ /Fe ₂ O ₃ glass prepared by sol-gel. <i>Journal of Non-Crystalline Solids</i> , 2014 , 391, 32-38	3.9	0
95	Self-standing elastomeric composites based on lithium ferrites and their dielectric behavior. <i>Journal of Applied Physics</i> , 2014 , 116, 224102	2.5	4
94	Magnetic Properties of Iron Phosphate Glass and Glass-Ceramics. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 2517-2524	3.8	18
93	Energy transfer and NIR emission in rare earth tri-doped barium lanthanum fluoro tellurite glasses. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014 , 211, 2090-2093	1.6	2
92	Effect of iron on the dielectric properties of silicate glasses prepared by sol-gel. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2014 , 11, 1455-1458		3
91	Dielectric and Structural Properties of Lithium Ferrites. <i>Spectroscopy Letters</i> , 2014 , 47, 356-362	1.1	11
90	Raman studies of tungsten yttrium tellurite glasses as high and broad gain media 2014 ,		1
89	Phosphate Glass-glasses as New Energy Density Dielectric Materials. <i>Procedia Engineering</i> , 2014 , 83, 371-377		11
88	Effect of Processing Parameters on Ferroelectric Properties of 0.5(Ba,Ca)TiO ₃ -0.5Ba(Zr,Ti)O ₃ :Bulk, Thin Films and Fibers. <i>Ferroelectrics</i> , 2014 , 466, 36-41	0.6	1
87	Improved ferroelectric and pyroelectric properties of Pb-doped SrBi ₄ Ti ₄ O ₁₅ ceramics for high temperature applications. <i>Journal of Alloys and Compounds</i> , 2014 , 583, 198-205	5.7	41
86	Structure and ferroelectric studies of (Ba _{0.85} Ca _{0.15})(Ti _{0.9} Zr _{0.1})O ₃ piezoelectric ceramics. <i>Materials Research Bulletin</i> , 2013 , 48, 4395-4401	5.1	67
85	Structural characteristics and dielectric response of some zinc tellurite glasses and glass ceramics. <i>Solid State Ionics</i> , 2013 , 230, 66-71	3.3	13
84	Nb ₂ O ₅ nanosize powders prepared by sol-gel structure, morphology and dielectric properties. <i>Journal of Alloys and Compounds</i> , 2013 , 553, 177-182	5.7	70
83	Dielectric relaxation studies on nanocomposites of rubber with nanofibrillated cellulose. <i>Journal of Non-Crystalline Solids</i> , 2013 , 378, 39-44	3.9	24
82	Potentiometric chemical sensors from lignin-poly(propylene oxide) copolymers doped by carbon nanotubes. <i>Analyst, The</i> , 2013 , 138, 501-8	5	23

81	NbO/Nb ₂ O ₅ core/shells by thermal oxidation. <i>Journal of the European Ceramic Society</i> , 2013 , 33, 3077-3083	5
80	Dielectric relaxation of the Ca ₂ MnO ₄ system. <i>Journal of Alloys and Compounds</i> , 2013 , 577, S483-S487	5-7 8
79	Effects of ultraviolet excitation on the spectroscopic properties of Sm ³⁺ and Tb ³⁺ doped aluminophosphate glasses. <i>Optical Materials</i> , 2013 , 35, 2382-2388	3-3 9
78	Optical and dielectric behaviour of EuNbO ₄ crystals. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2913	7-1 23
77	Prospects on laser processed wide band gap oxides optical materials 2013 ,	1
76	Dielectric spectroscopy of Ca ₂ MnO ₄ ceramics using equivalent circuit analysis. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2013 , 10, 631-635	4
75	12th International Dendritic Cell Symposium, October 7-11, 2012; Daegu, Korea: New Paradigm of Dendritic Cell Science and Application. <i>Oncolmmunology</i> , 2013 , 2, e23245	7-2 4
74	Spectroscopy of radiation defects in rutile TiO ₂ . <i>Physica Status Solidi (B): Basic Research</i> , 2013 , 250, 843-849	2
73	Enhancement of infrared emission in Er ³⁺ , Yb ³⁺ co-doped sodium niobium tellurite nano glass-ceramics. <i>Physica Status Solidi (B): Basic Research</i> , 2013 , 250, 837-842	1-3 7
72	Raman Spectroscopy, X-Ray, SEM, and DTA Analysis of Alkali-Phosphate Glasses Containing WO ₃ and Nb ₂ O ₅ . <i>Journal of Spectroscopy</i> , 2013 , 2013, 1-10	1-5 24
71	Electrochemical impedance study of the lignin-derived conducting polymer. <i>Electrochimica Acta</i> , 2012 , 76, 69-76	6-7 30
70	Structural and dielectric characterization of LiNbO ₃ nano-size powders obtained by Pechini method. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 64, 78-85	2-3 32
69	Lithium niobate bulk crystallization promoted by CO ₂ laser radiation. <i>Applied Surface Science</i> , 2012 , 258, 9457-9460	6-7 9
68	Structural, optical and magnetic resonance properties of TiO ₂ fibres grown by laser floating zone technique. <i>Applied Surface Science</i> , 2012 , 258, 9143-9147	6-7 12
67	Electrical conductivity and dielectric analysis of La _{0.75} (Ca,Sr) _{0.25} Mn _{0.85} Ga _{0.15} O ₃ perovskite compound. <i>Journal of Alloys and Compounds</i> , 2012 , 536, 173-178	5-7 61
66	Structural, electrical and thermal properties of borosilicate glass/Alumina composites. <i>Journal of Alloys and Compounds</i> , 2012 , 538, 66-72	5-7 34
65	Dielectric, morphological and structural properties of lithium ferrite powders prepared by solid state method. <i>Journal of Non-Crystalline Solids</i> , 2012 , 358, 1924-1929	3-9 41
64	Electrical conductivity studies on carbon black loaded ethylene butylacrylate polymer composites. <i>Journal of Non-Crystalline Solids</i> , 2012 , 358, 2810-2815	3-9 40

63	Low temperature dielectric dispersion and electrical conductivity studies on Fe ₂ O ₃ mixed lithium yttrium silicate glasses. <i>Journal of Non-Crystalline Solids</i> , 2012 , 358, 3175-3186	3.9	22
62	Lignin-based polyurethane doped with carbon nanotubes for sensor applications. <i>Polymer International</i> , 2012 , 61, 788-794	3.3	38
61	Admittance spectroscopy of Cu ₂ ZnSnS ₄ based thin film solar cells. <i>Applied Physics Letters</i> , 2012 , 100, 233504	3.4	72
60	Study of the optical and dielectric properties of TiO ₂ nanocrystals prepared by the Pechini method. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 8600-6	1.3	9
59	Attachment and Proliferation of Osteoblasts on Lithium-Hydroxyapatite Composites. <i>Advances in Materials Science and Engineering</i> , 2012 , 2012, 1-10	1.5	15
58	Exotic Manganese Dioxide Structures in Niobium Oxides Capacitors. <i>Microscopy and Microanalysis</i> , 2012 , 18, 99-100	0.5	5
57	Electrical Conductivity of Zincmolybdate Glass-Nanocomposites. <i>Advanced Science Letters</i> , 2012 , 16, 399-402	4.0	4
56	Effect of the oxygen deficiency on the physical properties of Ca ₂ MnO ₄ compounds. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 8965-8969	5.7	3
55	Study of the temperature and organic bindings effects in the dielectric and structural properties of the lithium ferrite ceramic matrix (LiFe ₅ O ₈). <i>Journal of Alloys and Compounds</i> , 2011 , 509, 9466-9471	5.7	5
54	Dielectric analysis of tungstenphosphoniobate 20A ₂ O ₃ WO ₃ · 10Nb ₂ O ₅ · 10P ₂ O ₅ (A=Li, Na) glass/ceramics. <i>Journal of Non-Crystalline Solids</i> , 2011 , 357, 55-61	3.9	18
53	Glass Ceramics with Para, Anti or Ferroelectric Active Phases 2011 ,		1
52	Electrical and dielectric properties of the Ca ₂ MnO ₄ system. <i>Solid State Communications</i> , 2011 , 151, 1331-1335	1.6	23
51	Morphological, structural, optical and dielectric properties of 91SiO ₂ :4Li ₂ O:4Nb ₂ O ₅ :1Dy ₂ O ₃ (% mole) glass prepared by sol-gel. <i>Optical Materials</i> , 2011 , 33, 1964-1969	3.3	15
50	Lithium niobosilicate glass doped with samarium: Dielectric and optical analysis. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011 , 208, 2288-2292	1.6	2
49	Electrical, dielectric and structural properties of borovanadate glass systems doped with samarium oxide. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011 , 8, 3107-3110		5
48	Crystallization and physical properties of alkali phosphomolybdate glasses containing niobium oxide. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011 , 8, 3091-3094		4
47	Sintered NbO Powders for Electronic Device Applications. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 4879-4886	3.8	51
46	Impedance and modulus studies of magnetic ceramic oxide Ba ₂ Co ₂ Fe ₁₂ O ₂₂ (Co ₂ Y) doped with Bi ₂ O ₃ . <i>Journal of Applied Physics</i> , 2011 , 110, 034107	2.5	122

45	PTCR effect in carbon black/copolymer composites. <i>Physica B: Condensed Matter</i> , 2011 , 406, 245-249	2.8	11
44	Effect of processing method on physical properties of Nb ₂ O ₅ . <i>Journal of the European Ceramic Society</i> , 2011 , 31, 501-506	6	49
43	Structural Behaviors and Optical Properties of Semiconducting Zinc-Molybdate Glass Nanocomposites. <i>Science of Advanced Materials</i> , 2011 , 3, 284-288	2.3	13
42	Study of the structural and dielectric properties of xLiFe ₅ O ₈ (100-x) LiNbO ₃ composites, processed using microwave energy. <i>Journal of Non-Crystalline Solids</i> , 2010 , 356, 602-606	3.9	6
41	Dielectric and structural properties of SiO ₂ -LiFe ₅ O ₈ glass-ceramics prepared by sol-gel processing. <i>Journal of Non-Crystalline Solids</i> , 2010 , 356, 607-610	3.9	4
40	Dielectric spectroscopy of LiNbO ₃ and TmNbO ₄ nanocrystals embedded in a SiO ₂ glass matrix. <i>Journal of Non-Crystalline Solids</i> , 2010 , 356, 800-804	3.9	5
39	Dielectric properties of the ethylene butylacrylate/carbon black nanocomposites. <i>Journal of Non-Crystalline Solids</i> , 2010 , 356, 270-274	3.9	13
38	Effect of temperature on the electrical properties of copolymer/carbon black mixtures. <i>Journal of Non-Crystalline Solids</i> , 2010 , 356, 1536-1541	3.9	27
37	Electric modulus-based analysis of the dielectric relaxation in carbon black loaded polymer composites. <i>Journal of Applied Physics</i> , 2010 , 107, 124111	2.5	55
36	Microwave dielectric properties of the system Ba _{1-x} Sr _x TiO ₃ . <i>Physica B: Condensed Matter</i> , 2010 , 405, 3741-3744	2.8	19
35	Structural and relaxor behavior of Ba[Zr _x Ti _{1-x}](Zn _{1/3} Nb _{2/3}) _y O ₃ ceramics obtained by a solid-state reaction. <i>Solid State Communications</i> , 2010 , 150, 1245-1248	1.6	14
34	Dielectric Behavior of Iodomolybdate Glass-Nanocomposites. <i>Advanced Science Letters</i> , 2010 , 3, 523-526.	0.1	2
33	NaNbO ₃ crystals dispersed in a B ₂ O ₃ glass matrix: Structural characteristics versus electrical and dielectrical properties. <i>Solid State Sciences</i> , 2009 , 11, 570-577	3.4	29
32	Structural and electrical study of CaCu ₃ Ti ₄ O ₁₂ (CCTO) obtained in a new ceramic procedure. <i>Journal of Materials Science: Materials in Electronics</i> , 2009 , 20, 163-170	2.1	34
31	Synthesis and optical properties of a lithium niobosilicate glass doped with europium. <i>Materials Science and Engineering C</i> , 2009 , 29, 894-898	8.3	6
30	Structural and electrical study of calcium phosphate obtained by a microwave radiation assisted procedure. <i>Physica B: Condensed Matter</i> , 2009 , 404, 1503-1508	2.8	15
29	Spectroscopy studies of NiFe ₂ O ₄ nanosized powders obtained using coconut water. <i>Journal of Alloys and Compounds</i> , 2009 , 485, 637-641	5.7	43
28	Structural study of Fe ₂ O ₃ -doped calcium phosphates obtained by the mechanical milling method. <i>Physica Scripta</i> , 2009 , 79, 055601	2.6	2

27	Glasses with ferroelectric phases. <i>IOP Conference Series: Materials Science and Engineering</i> , 2009 , 2, 012014	1
26	Influence of thermal and thermoelectric treatments on structure and electric properties of B ₂ O ₃ -Li ₂ O-Nb ₂ O ₅ glasses. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 901-908	3.9 26
25	The dielectric behavior of a thermoelectric treated B ₂ O ₃ -Li ₂ O-Nb ₂ O ₅ glass. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 3408-3413	3.9 28
24	Structural and optical spectroscopy of LiNbO ₃ :Tm nanocrystals embedded in a SiO ₂ glass matrix. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 5244-5246	3.9 2
23	Crystallization of KNbO ₃ in a B ₂ O ₃ glass network. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 5162-5164	3.9 12
22	Dielectrical and structural characterization of iron oxide added to hydroxyapatite. <i>Bulletin of Materials Science</i> , 2008 , 31, 635-638	1.7 4
21	Structural and mechanical study of the sintering effect in hydroxyapatite doped with iron oxide. <i>Physica B: Condensed Matter</i> , 2008 , 403, 3826-3829	2.8 18
20	Structural and electrical characteristics of LiNbO ₃ embedded in a 34% SiO ₂ glass matrix. <i>Journal of the European Ceramic Society</i> , 2008 , 28, 1197-1203	6 27
19	Structural and optical properties of Er ³⁺ ion in sol-gel grown LiNbO ₃ . <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 016213	1.8 8
18	Microwave dielectric properties of NiFe ₂ O ₄ nanoparticles ferrites. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1341-1343	1.2 16
17	Influence of the sol-gel growth parameters on the optical and structural properties on LiNbO ₃ samples. <i>Materials Science and Engineering C</i> , 2007 , 27, 1065-1068	8.3 4
16	Electric and dielectric properties of a SiO ₂ -Li ₂ O-Nb ₂ O ₅ glass subject to a controlled heat-treatment process. <i>Physica B: Condensed Matter</i> , 2007 , 396, 62-69	2.8 29
15	Preparation, structure, morphology, and dc and ac conductivity of the 88SiO ₂ -6Li ₂ O-6Nb ₂ O ₅ (% mole) sol-gel derived glass-ceramics. <i>Journal of Sol-Gel Science and Technology</i> , 2007 , 42, 1-8	2.3 12
14	Crystallite size study of nanocrystalline hydroxyapatite and ceramic system with titanium oxide obtained by dry ball milling. <i>Journal of Materials Science</i> , 2007 , 42, 3851-3855	4.3 40
13	Structural and electrical properties of SiO ₂ -Li ₂ O-Nb ₂ O ₅ glass and glass-ceramics obtained by thermoelectric treatments. <i>Journal of Materials Science</i> , 2007 , 42, 2543-2550	4.3 15
12	Electrical characterization of SiO ₂ :LiNbO ₃ glass and glass-ceramics using dc conductivity, TSDC measurements and dielectric spectroscopy. <i>Journal of Non-Crystalline Solids</i> , 2007 , 353, 4390-4394	3.9 33
11	AC and DC conductivity analysis of hydroxyapatite and titanium calcium phosphate formed by dry ball milling. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 1490-1494	3.9 26
10	Study of the electric and dielectric properties of SiO ₂ -Li ₂ O-Nb ₂ O ₅ sol-gel glass-ceramics. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 1501-1505	3.9 11

9	Microwave preparation, structure and electrical properties of calcium-sodium-phosphate biosystem. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 3512-3517	3.9	16
8	Electrical and dielectrical properties of SiO ₂ -Li ₂ O-Nb ₂ O ₅ glass and glass-ceramics obtained by thermoelectric treatments. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 5199-5204	3.9	24
7	The electric behavior of a lithium-niobate-phosphate glass and glass-ceramics. <i>Journal of Materials Science</i> , 2006 , 41, 1137-1144	4.3	43
6	Dielectric and structural studies of a SiO ₂ -Li ₂ O-Nb ₂ O ₅ glass and glass-ceramic prepared by the sol-gel method. <i>Journal of Non-Crystalline Solids</i> , 2005 , 351, 2951-2957	3.9	25
5	The modulus formalism used in the dielectric analysis of hydroxyapatite and calcium phosphate with titanium formed by dry ball milling. <i>Journal of Non-Crystalline Solids</i> , 2005 , 351, 2945-2950	3.9	27
4	Preparation and optical characterization of hydroxyapatite and ceramic systems with titanium and zirconium formed by dry high-energy mechanical alloying. <i>Solid State Sciences</i> , 2004 , 6, 1365-1374	3.4	33
3	Electrical properties of lithium niobium silicate glasses. <i>Journal of Non-Crystalline Solids</i> , 2003 , 325, 267-274	3.4	59
2	Physical Properties, Complex Impedance, and Electrical Conductivity of Double Perovskite LaBa _{0.5} Ag _{0.5} FeMnO ₆ . <i>Journal of Electronic Materials</i> , 1	1.9	2
1	Realization of sensible peak shift thermometry from multiple site occupied Eu ³⁺ ions in magnetically frustrated SrGd ₂ O ₄ . <i>Journal of Materials Science</i> , 1	4.3	0