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224
papers

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h-index

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ext. papers

4,282
ext. citations

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avg. IF

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L-index

#	Paper	IF	Citations
224	Niobium oxides and niobates physical properties: Review and prospects. <i>Progress in Materials Science</i> , 2016 , 80, 1-37	42.2	244
223	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
222	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
221	Admittance spectroscopy of Cu ₂ ZnSnS ₄ based thin film solar cells. <i>Applied Physics Letters</i> , 2012 , 100, 233504	3.4	72
220	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
219	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
218	Structural, electrical and ethanol sensing properties of double-doping LaFeO ₃ perovskite oxides. <i>Ceramics International</i> , 2014 , 40, 14367-14373	5.1	62
217	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
216	Electrical properties of lithium niobium silicate glasses. <i>Journal of Non-Crystalline Solids</i> , 2003 , 325, 267-274	3.4	59
215	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
214	Sintered NbO Powders for Electronic Device Applications. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 4879-4886	3.8	51
213	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
212	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
211	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
210	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
209	Effect of oxygen vacancies on SrTiO electrical properties. <i>Journal of Alloys and Compounds</i> , 2017 , 723, 894-903	5.7	42
208	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

207	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
206	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
205	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
204	AC and DC electrical conductivity in natural rubber/nanofibrillated cellulose nanocomposites. <i>Journal of Molecular Liquids</i> , 2015 , 209, 272-279	6	39
203	Lignin-based polyurethane doped with carbon nanotubes for sensor applications. <i>Polymer International</i> , 2012 , 61, 788-794	3-3	38
202	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
201	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
200	Raman, EPR and ethanol sensing properties of oxygen-Vacancies SrTiO ₃ -compounds. <i>Applied Surface Science</i> , 2017 , 426, 386-390	6-7	34
199	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
198	Structural, electrical and thermal properties of borosilicate glass/Alumina composites. <i>Journal of Alloys and Compounds</i> , 2012 , 538, 66-72	5-7	34
197	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
196	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
195	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
194	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
193	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
192	Electrochemical impedance study of the lignin-derived conducting polymer. <i>Electrochimica Acta</i> , 2012 , 76, 69-76	6-7	30
191	Electrical conductivity of multiwalled carbon nanotubes/polyester polymer nanocomposites. <i>Journal of Composite Materials</i> , 2016 , 50, 3283-3290	2-7	29
190	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

189	Electric and dielectric properties of a SiO ₂ -Na 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
188	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
187	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
186	Enhanced green upconversion by controlled ceramization of Er ³⁺ /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
185	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
184	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
183	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
182	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
181	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
180	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
179	Nanoindentation induced piezoelectricity in SrTiO ₃ single crystals. <i>Scripta Materialia</i> , 2014 , 74, 76-79	5.6	25
178	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
177	Molecular dynamics of nanocomposites natural rubber/cellulose nanowhiskers investigated by impedance spectroscopy. <i>Journal of Molecular Liquids</i> , 2014 , 196, 187-191	6	24
176	Dielectric relaxation studies on nanocomposites of rubber with nanofibrillated cellulose. <i>Journal of Non-Crystalline Solids</i> , 2013 , 378, 39-44	3.9	24
175	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
174	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
173	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
172	Structural and electrical properties of zinc tantalum borate glass ceramic. <i>Ceramics International</i> , 2016 , 42, 17269-17282	5.1	24

171	Potentiometric chemical sensors from lignin-poly(propylene oxide) copolymers doped by carbon nanotubes. <i>Analyst, The</i> , 2013 , 138, 501-8	5	23
170	Optical and dielectric behaviour of EuNbO ₄ crystals. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2913	7.1	23
169	Electrical and dielectric properties of the Ca ₂ MnO ₄ system. <i>Solid State Communications</i> , 2011 , 151, 1331-1335	1.6	23
168	Structural and electrical properties of TeO ₂ /ZnO/2O ₅ /2O glassy systems. <i>Journal of Non-Crystalline Solids</i> , 2016 , 443, 65-74	3.9	23
167	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
166	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
165	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
164	Synthesis, crystal structure and electrical properties of N,N-dimethylanilinium trichloridostannate (II): (C ₈ H ₁₂ N) ₃ SnCl ₃ . <i>Journal of Molecular Structure</i> , 2015 , 1102, 71-80	3.4	19
163	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
162	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
161	Magnetic Properties of Iron Phosphate Glass and Glass-Ceramics. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 2517-2524	3.8	18
160	Dielectric analysis of tungsten/phosphoniobate 20A ₂ O/B ₂ O 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
159	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
158	TSDC and impedance spectroscopy measurements on hydroxyapatite, tricalcium phosphate and hydroxyapatite/tricalcium phosphate biphasic bioceramics. <i>Applied Surface Science</i> , 2017 , 424, 28-38	6.7	17
157	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
156	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
155	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
154	Eu ³⁺ luminescence in aluminophosphate glasses. <i>Journal of Luminescence</i> , 2014 , 145, 582-587	3.8	16

153	Green photoluminescence in GdAlO ₃ powders. <i>Materials Letters</i> , 2014 , 128, 235-237	3.3	16
152	Microwave dielectric properties of NiFe ₂ O ₄ nanoparticles ferrites. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1341-1343	1.2	16
151	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
150	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
149	Dielectric behaviour of carbon nanotubes particles-filled polyester polymer composites. <i>Journal of Composite Materials</i> , 2017 , 51, 1831-1837	2.7	15
148	Electrical analysis of niobium oxide thin films. <i>Thin Solid Films</i> , 2015 , 585, 95-99	2.2	15
147	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
146	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
145	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
144	Attachment and Proliferation of Osteoblasts on Lithium-Hydroxyapatite Composites. <i>Advances in Materials Science and Engineering</i> , 2012 , 2012, 1-10	1.5	15
143	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
142	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
141	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
140	Blue-green photoluminescence in BaZrO ₃ powders. <i>Chemical Physics Letters</i> , 2014 , 610-611, 341-344	2.5	14
139	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
138	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
137	Structural and relaxor behavior of Ba[Zr _x Ti _{1-x}](Zn _{1/3} Nb _{2/3}) ₂ YO ₃ ceramics obtained by a solid-state reaction. <i>Solid State Communications</i> , 2010 , 150, 1245-1248	1.6	14
136	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

135	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
134	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
133	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
132	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
131	Dielectric properties of the ethylene butylacrylate/carbon black nanocomposites. <i>Journal of Non-Crystalline Solids</i> , 2010 , 356, 270-274	3.9	13
130	Structural Behaviors and Optical Properties of Semiconducting Zinc-Molybdate Glass Nanocomposites. <i>Science of Advanced Materials</i> , 2011 , 3, 284-288	2.3	13
129	Impedance spectroscopy study of polyester/carbon nanotube composites. <i>Polymer Composites</i> , 2018 , 39, 1297-1302	3	12
128	Power dependent upconversion in Er ³⁺ /Yb ³⁺ co-doped BiNbO ₄ phosphors. <i>Ceramics International</i> , 2016 , 42, 6899-6905	5.1	12
127	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
126	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
125	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
124	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
123	Ferroelectric glass-ceramics. <i>MRS Bulletin</i> , 2017 , 42, 213-219	3.2	11
122	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
121	Dielectric and Structural Properties of Lithium Ferrites. <i>Spectroscopy Letters</i> , 2014 , 47, 356-362	1.1	11
120	Phosphate Glass-glasses as New Energy Density Dielectric Materials. <i>Procedia Engineering</i> , 2014 , 83, 371-377		11
119	PTCR effect in carbon black/copolymer composites. <i>Physica B: Condensed Matter</i> , 2011 , 406, 245-249	2.8	11
118	Study of the electric and dielectric properties of SiO ₂ -Ti ₂ O ₃ -Nb ₂ O ₅ sol-gel glass-ceramics. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 1501-1505	3.9	11

117	Structural, magnetic and magnetocaloric properties of $\text{La}_{0.5}\text{Sm}_{0.2}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Fe}_x\text{O}_3$ compounds with $(0 \leq x \leq 0.15)$. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 475, 635-642	2.8	11
116	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
115	Strontium-substituted $\text{La}_{0.75}\text{Ba}_{0.25-x}\text{Sr}_x\text{FeO}_3$ ($x = 0.05, 0.10$ and 0.15) perovskite: dielectric and electrical studies. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 8457-8470	2.1	10
114	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
113	Structural, optical, and electrical properties of SmNbO_4 . <i>Journal of Applied Physics</i> , 2016 , 120, 051708	2.5	10
112	Electrical, morphology and structural properties of biodegradable nanocomposite polyvinyl-acetate/ cellulose nanocrystals. <i>Materials Chemistry and Physics</i> , 2020 , 240, 122182	4.4	10
111	Impedance Spectroscopy of Nanofluids based on Multiwall Carbon Nanotubes. <i>Spectroscopy Letters</i> , 2015 , 48, 761-766	1.1	9
110	Electrical and dielectric analysis of phosphate based glasses doped with alkali oxides. <i>Materials and Design</i> , 2015 , 86, 427-435	8.1	9
109	Structural, electrical and dielectric characterization of $\text{TeO}_2-\text{WO}_3-\text{Er}_2\text{O}_3-\text{Yb}_2\text{O}_3$ glasses. <i>Materials Research Bulletin</i> , 2015 , 68, 314-319	5.1	9
108	Optical and structural properties of $(70-x)\text{TeO}_2-20\text{WO}_3-10\text{Y}_2\text{O}_3-x\text{Er}_2\text{O}_3-y\text{Yb}_2\text{O}_3$ glasses. <i>Applied Surface Science</i> , 2015 , 336, 28-33	6.7	9
107	Structural, electric, and dielectric characterizations of $\text{La}_{0.5}\text{Pr}_{0.2}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Fe}_x\text{O}_3$ perovskite prepared by self combustion method. <i>Journal of Alloys and Compounds</i> , 2018 , 739, 1048-1058	5.7	9
106	Investigating the structural, morphological, dielectric and electric properties of the multiferroic $(\text{La}_{0.8}\text{Ca}_{0.2})_{0.9}\text{Bi}_{0.1}\text{FeO}_3$ material. <i>Chemical Physics Letters</i> , 2019 , 731, 136588	2.5	9
105	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
104	Lithium niobate bulk crystallization promoted by CO_2 laser radiation. <i>Applied Surface Science</i> , 2012 , 258, 9457-9460	6.7	9
103	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
102	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
101	Analogy of different optical temperature sensing techniques in $\text{LaNbO}_4:\text{Er}^{3+}/\text{Yb}^{3+}$ phosphor. <i>Journal of Luminescence</i> , 2021 , 235, 117992	3.8	9
100	Photoluminescence varied by selective excitation in $\text{BiGdWO}_6:\text{Eu}^{3+}$ phosphor. <i>Optical Materials</i> , 2017 , 74, 120-127	3.3	8

99	Physical properties and ethanol sensing of perovskite $\text{La}_{0.8}\text{Pb}_{0.2}\text{Fe}_{1-x}\text{Mg}_x\text{O}_3$ compounds. <i>Journal of Alloys and Compounds</i> , 2015 , 644, 304-307	5.7	8
98	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
97	Dielectric relaxation of the Ca_2MnO_4 system. <i>Journal of Alloys and Compounds</i> , 2013 , 577, S483-S487	5.7	8
96	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
95	Doped tellurite glasses: Extending near-infrared emission for near-2.0- μm amplifiers. <i>International Journal of Applied Glass Science</i> , 2017 , 8, 216-225	1.8	7
94	Effect of synthesis route on structural, morphological, Raman, dielectric, and electric properties of $\text{La}_{0.8}\text{Ba}_{0.1}\text{Bi}_{0.1}\text{FeO}_3$. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 3197-3214	2.1	7
93	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
92	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
91	Electrical conductivity and dielectric properties of Sr doped M-type barium hexaferrite BaFeO_x . <i>RSC Advances</i> , 2021 , 11, 1531-1542	3.7	7
90	Nontoxic glasses: Preparation, structural, electrical and biological properties. <i>International Journal of Applied Ceramic Technology</i> , 2019 , 16, 1885-1894	2	6
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