

Zhuo Xu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/200990/zhuo-xu-publications-by-citations.pdf>

Version: 2024-04-18

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.

252
papers

8,025
citations

43
h-index

84
g-index

282
ext. papers

10,137
ext. citations

4.3
avg, IF

6.27
L-index

#	Paper	IF	Citations
252	Ultrahigh piezoelectricity in ferroelectric ceramics by design. <i>Nature Materials</i> , 2018 , 17, 349-354	27	513
251	The origin of ultrahigh piezoelectricity in relaxor-ferroelectric solid solution crystals. <i>Nature Communications</i> , 2016 , 7, 13807	17.4	332
250	PotassiumBodium niobate based lead-free ceramics: novel electrical energy storage materials. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 554-563	13	331
249	Significantly enhanced recoverable energy storage density in potassiumBodium niobate-based lead free ceramics. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 13778-13785	13	290
248	Electrostrictive effect in ferroelectrics: An alternative approach to improve piezoelectricity. <i>Applied Physics Reviews</i> , 2014 , 1, 011103	17.3	276
247	Multilayer Lead-Free Ceramic Capacitors with Ultrahigh Energy Density and Efficiency. <i>Advanced Materials</i> , 2018 , 30, e1802155	24	263
246	Grain size engineered lead-free ceramics with both large energy storage density and ultrahigh mechanical properties. <i>Nano Energy</i> , 2019 , 58, 768-777	17.1	260
245	Giant piezoelectricity of Sm-doped Pb(MgNb)O-PbTiO single crystals. <i>Science</i> , 2019 , 364, 264-268	33.3	242
244	High energy density in silver niobate ceramics. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 17279-17287	13	227
243	Ultra-wideband polarization conversion metasurfaces based on multiple plasmon resonances. <i>Journal of Applied Physics</i> , 2014 , 115, 154504	2.5	225
242	Electric energy storage properties of poly(vinylidene fluoride). <i>Applied Physics Letters</i> , 2010 , 96, 192905	3.4	203
241	Phase transitions in bismuth-modified silver niobate ceramics for high power energy storage. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 17525-17531	13	199
240	Transparent ferroelectric crystals with ultrahigh piezoelectricity. <i>Nature</i> , 2020 , 577, 350-354	50.4	181
239	Wideband radar cross section reduction using two-dimensional phase gradient metasurfaces. <i>Applied Physics Letters</i> , 2014 , 104, 221110	3.4	141
238	Achieve ultrahigh energy storage performance in BaTiO ₃ Bi(Mg _{1/2} Ti _{1/2})O ₃ relaxor ferroelectric ceramics via nano-scale polarization mismatch and reconstruction. <i>Nano Energy</i> , 2020 , 67, 104264	17.1	138
237	Grain-orientation-engineered multilayer ceramic capacitors for energy storage applications. <i>Nature Materials</i> , 2020 , 19, 999-1005	27	136
236	High-efficiency spoof plasmon polariton coupler mediated by gradient metasurfaces. <i>Applied Physics Letters</i> , 2012 , 101, 201104	3.4	126

235	Structural and Dielectric Properties of Bi (Mg _{1/2} Ti _{1/2})O ₃ BaTiO ₃ Lead-Free Ceramics. <i>Journal of the American Ceramic Society</i> , 2011 , 94, 4335-4339	3.8	114
234	Phase transitions in tantalum-modified silver niobate ceramics for high power energy storage. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 834-842	13	111
233	Filter-Antenna Consisting of Conical FSS Radome and Monopole Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 3040-3045	4.9	103
232	Evidences of grain boundary capacitance effect on the colossal dielectric permittivity in (Nb + In) co-doped TiO ₂ ceramics. <i>Scientific Reports</i> , 2015 , 5, 8295	4.9	100
231	Thermally tunable water-substrate broadband metamaterial absorbers. <i>Applied Physics Letters</i> , 2017 , 110, 104103	3.4	98
230	The Contributions of Polar Nanoregions to the Dielectric and Piezoelectric Responses in Domain-Engineered Relaxor-PbTiO ₃ Crystals. <i>Advanced Functional Materials</i> , 2017 , 27, 1700310	15.6	97
229	A new family of sodium niobate-based dielectrics for electrical energy storage applications. <i>Journal of the European Ceramic Society</i> , 2019 , 39, 2899-2907	6	90
228	Material parameter equation for elliptical cylindrical cloaks. <i>Physical Review A</i> , 2008 , 77,	2.6	86
227	Pb _{0.94} La _{0.04} [(Zr _{0.70} Sn _{0.30}) _{0.90} Ti _{0.10}] _{0.3} antiferroelectric bulk ceramics for pulsed capacitors with high energy and power density. <i>Applied Physics Letters</i> , 2017 , 110, 142904	3.4	82
226	A Novel High-Directivity Microstrip Patch Antenna Based on Zero-Index Metamaterial. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009 , 8, 538-541	3.8	81
225	Temperature Dependence of Energy Storage in Pb _{0.90} La _{0.04} Ba _{0.04} [(Zr _{0.75} Sn _{0.3}) _{0.88} Ti _{0.12}] _{0.3} Antiferroelectric Ceramics. <i>Journal of the American Ceramic Society</i> , 2016 , 99, 2984-2988	3.8	80
224	Electrostrictive effect in Pb(Mg _{1/3} Nb _{2/3})O ₃ -xPbTiO ₃ crystals. <i>Applied Physics Letters</i> , 2013 , 102, 152910	3.4	79
223	Ghost Imaging Based on Deep Learning. <i>Scientific Reports</i> , 2018 , 8, 6469	4.9	68
222	Spatial k-dispersion engineering of spoof surface plasmon polaritons for customized absorption. <i>Scientific Reports</i> , 2016 , 6, 29429	4.9	66
221	Temperature Dependence of Dielectric/Piezoelectric Properties of (1-x)Bi(Mg _{1/2} Ti _{1/2})O ₃ -xPbTiO ₃ Ceramics with an MPB Composition. <i>Journal of the American Ceramic Society</i> , 2010 , 93, 3330-3334	3.8	64
220	Influence of MnO ₂ Doping on the Dielectric and Piezoelectric Properties and the Domain Structure in (K _{0.5} Na _{0.5})NbO ₃ Single Crystals. <i>Journal of the American Ceramic Society</i> , 2010 , 93, 941-944	3.8	62
219	A Reconfigurable Polarization Converter Using Active Metasurface and Its Application in Horn Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 5281-5290	4.9	61
218	Gradient Metasurface With Both Polarization-Controlled Directional Surface Wave Coupling and Anomalous Reflection. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 104-107	3.8	57

217	The open cloak. <i>Applied Physics Letters</i> , 2009 , 94, 103501	3.4	57
216	Water-based metamaterial absorbers for optical transparency and broadband microwave absorption. <i>Journal of Applied Physics</i> , 2018 , 123, 155106	2.5	55
215	Effects of ZnNb ₂ O ₆ addition on BaTiO ₃ ceramics for energy storage. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2013 , 178, 1081-1086	3.1	54
214	Experimental Demonstration of An Absorptive/Transmissive FSS With Magnetic Material. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 114-117	3.8	50
213	Phase transition and phase stability in [110]-, [001]-, and [111]-oriented 0.68Pb(Mg _{1/3} Nb _{2/3})O ₃ 0.32PbTiO ₃ single crystal under electric field. <i>Journal of Applied Physics</i> , 2008 , 104, 024112	2.5	46
212	Reverse boundary layer capacitor model in glass/ceramic composites for energy storage applications. <i>Journal of Applied Physics</i> , 2013 , 113, 024103	2.5	45
211	Investigation of Electromechanical Properties and Related Temperature Characteristics in Domain-Engineered Tetragonal Pb(In _{1/2} Nb _{1/2})O ₃ Pb(Mg _{1/3} Nb _{2/3})O ₃ PbTiO ₃ Crystals. <i>Journal of the American Ceramic Society</i> , 2010 , 93, 2731-2734	3.8	44
210	Crystalline properties dependence of dielectric and energy storage properties of poly(vinylidene fluoride-chlorotrifluoroethylene). <i>Applied Physics Letters</i> , 2010 , 97, 222905	3.4	43
209	Experimental realization of all-dielectric composite cubes/rods left-handed metamaterial. <i>Journal of Applied Physics</i> , 2011 , 109, 084918	2.5	42
208	Achieving single domain relaxor-PT crystals by high temperature poling. <i>CrystEngComm</i> , 2014 , 16, 2892-2897	3.9	41
207	Effects of phase transition on discharge properties of PLZST antiferroelectric ceramics. <i>Journal of the American Ceramic Society</i> , 2017 , 100, 3618-3625	3.8	40
206	Phase transition and dielectric properties of La-doped Pb(Zr,Sn,Ti)O ₃ antiferroelectric ceramics under hydrostatic pressure and temperature. <i>Journal of Applied Physics</i> , 2002 , 92, 2663-2667	2.5	37
205	Colossal permittivity behavior and its origin in rutile (MgTa)TiO. <i>Scientific Reports</i> , 2017 , 7, 9950	4.9	35
204	Dielectric/ferroelectric response and phase transition of PMN _{0.32} PT single crystal. <i>Journal of Materials Science Letters</i> , 2002 , 21, 1325-1327		34
203	Three-Band Polarization Converter Based on Reflective Metasurface. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 924-927	3.8	33
202	Multiband left-handed metamaterials. <i>Applied Physics Letters</i> , 2009 , 95, 014105	3.4	33
201	Generation of Multiple Modes Microwave Vortex Beams Using Active Metasurface. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 59-63	3.8	33
200	Super-Thin Cloaks Based on Microwave Networks. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 748-754	4.9	32

199	Low-Profile High-Efficiency Bidirectional Endfire Antenna Based on Spoof Surface Plasmon Polaritons. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 837-840	3.8	30
198	Radar Coincidence Imaging With Random Microwave Source. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 1239-1242	3.8	30
197	Electric-field and temperature induced phase transitions in $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-}0.3\text{PbTiO}_3$ single crystals. <i>Journal of Applied Physics</i> , 2010 , 108, 034112	2.5	30
196	Variations of composition and dielectric properties of $\text{Pb}(\text{In}_{1/2}\text{Nb}_{1/2})\text{O}_3\text{-Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-PbTiO}_3$ single crystal along growth direction. <i>Journal of Applied Physics</i> , 2013 , 113, 124105	2.5	28
195	Ferroelectric, Ferromagnetic, and Magnetoelectric Characteristics of $0.9(0.7\text{BiFeO}_3\text{-}0.3\text{BaTiO}_3)\text{-}0.1\text{CoFe}_2\text{O}_4$ Ceramic Composite. <i>Journal of the American Ceramic Society</i> , 2010 , 93, 2975-2977	3.8	28
194	Effect of dc bias on pressure-induced depolarization of $\text{Pb}(\text{Nb,Zr,Sn,Ti})\text{O}_3$ ceramics. <i>Applied Physics Letters</i> , 2008 , 92, 072904	3.4	28
193	PLZST antiferroelectric ceramics with promising energy storage and discharge performance for high power applications. <i>Journal of the American Ceramic Society</i> , 2020 , 103, 1831-1838	3.8	27
192	$\text{SiO}_2\text{-}0.98\text{In}_2\text{O}_3\text{-}0.01\text{Nb}_2\text{O}_5$ composite ceramics with low dielectric loss, high dielectric permittivity and an enhanced breakdown electric field. <i>RSC Advances</i> , 2016 , 6, 20074-20080	3.7	26
191	Ultra-slim pinched polarization-electric field hysteresis loops and thermally stable electrostrains in lead-free sodium bismuth titanate-based solid solutions. <i>Journal of Alloys and Compounds</i> , 2019 , 788, 1182-1192	5.7	25
190	Symmetry changes during relaxation process and pulse discharge performance of the $\text{BaTiO}_3\text{-Bi}(\text{Mg}_{1/2}\text{Ti}_{1/2})\text{O}_3$ ceramic. <i>Journal of Applied Physics</i> , 2018 , 124, 054101	2.5	24
189	Fabrication and Piezoelectric Property of BaTiO_3 Nanofibers. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 2725-2730	3.8	24
188	A band enhanced metamaterial absorber based on E-shaped all-dielectric resonators. <i>AIP Advances</i> , 2015 , 5, 017147	1.5	24
187	Effect of particle morphology on the photocatalytic activity of BiFeO_3 microcrystallites. <i>Journal of Materials Science: Materials in Electronics</i> , 2012 , 23, 1869-1874	2.1	24
186	Growth of the Relaxor Based Ferroelectric Single Crystals $\text{Pb}(\text{In}_{1/2}\text{Nb}_{1/2})\text{O}_3\text{-Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-PbTiO}_3$ by Vertical Bridgman Technique. <i>Ferroelectrics</i> , 2010 , 401, 173-180	0.6	24
185	Impact of alternating current electric field poling on piezoelectric and dielectric properties of $\text{Pb}(\text{In}_{1/2}\text{Nb}_{1/2})\text{O}_3\text{-Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-PbTiO}_3$ ferroelectric crystals. <i>Journal of Applied Physics</i> , 2020 , 128, 094104	2.5	24
184	Manipulation of Oxygen Vacancy for High Photovoltaic Output in Bismuth Ferrite Films. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 23372-23381	9.5	23
183	Fully-inverted piezoresponse hysteresis loops mediated by charge injection in $0.29\text{Pb}(\text{In}_{1/2}\text{Nb}_{1/2})\text{O}_3\text{-}0.44\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-}0.27\text{PbTiO}_3$ single crystals. <i>Applied Physics Letters</i> , 2011 , 98, 092908	3.4	23
182	Hydrothermal synthesis and photocatalytic property of $\text{Bi}_2\text{MoO}_6/\text{ZnO}$ composite material. <i>Research on Chemical Intermediates</i> , 2015 , 41, 7273-7283	2.8	22

181	Dual-band and high-efficiency polarization converter based on metasurfaces at microwave frequencies. <i>Applied Physics B: Lasers and Optics</i> , 2016 , 122, 1	1.9	22
180	Preparation and characterization of high T _c (1-x)BiScO ₃ -xPbTiO ₃ ceramics from high energy ball milling process. <i>Journal of Electroceramics</i> , 2008 , 21, 605-608	1.5	22
179	Structural Distortion, Spin-Phonon Coupling, Interband Electronic Transition, and Enhanced Magnetization in Rare-Earth-Substituted Bismuth Ferrite. <i>Inorganic Chemistry</i> , 2017 , 56, 8964-8974	5.1	21
178	Piezoresponse force microscopy studies on the domain structures and local switching behavior of Pb(In _{1/2} Nb _{1/2})O ₃ -Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ single crystals. <i>Journal of Applied Physics</i> , 2012 , 112, 052006	2.5	21
177	Temperature- and dc bias field- dependent piezoelectric effect of soft and hard lead zirconate titanate ceramics. <i>Journal of Electroceramics</i> , 2010 , 24, 294-299	1.5	21
176	Ferroelectric and Ferromagnetic Properties of 0.7BiFe _{1-x} Cr _x O ₃ -0.3BaTiO ₃ Solid Solutions. <i>Journal of the American Ceramic Society</i> , 2008 , 91, 3731-3734	3.8	21
175	Lead-Free Bilayer Thick Films with Giant Electrocaloric Effect near Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 23346-23352	9.5	20
174	Reconfigurable all-dielectric metamaterial frequency selective surface based on high-permittivity ceramics. <i>Scientific Reports</i> , 2016 , 6, 24178	4.9	20
173	High energy density nanocomposites based on poly(vinylidene fluoride-chlorotrifluoroethylene) and barium titanate. <i>Polymer Engineering and Science</i> , 2013 , 53, 897-904	2.3	20
172	The hydrostatic pressure dependence of the piezoelectric properties for the barium titanate and lead titanate crystals: Thermodynamic analysis. <i>Journal of Applied Physics</i> , 2011 , 109, 114111	2.5	20
171	Improve piezoelectricity and elasticity of Ce-doped BaTiO ₃ nanofibers towards energy harvesting application. <i>RSC Advances</i> , 2015 , 5, 55269-55276	3.7	19
170	Electric-field-induced AFE-FE transitions and associated strain/preferred orientation in antiferroelectric PLZST. <i>Scientific Reports</i> , 2016 , 6, 23659	4.9	19
169	Wideband selective polarization conversion mediated by three-dimensional metamaterials. <i>Journal of Applied Physics</i> , 2014 , 115, 234506	2.5	19
168	Dipolar-glass-like relaxor ferroelectric behaviour in the 0.5BaTiO ₃ -0.5Bi(Mg _{1/2} Ti _{1/2})O ₃ electroceramic. <i>Applied Physics Letters</i> , 2013 , 103, 042910	3.4	19
167	Textured ferroelectric ceramics with high electromechanical coupling factors over a broad temperature range. <i>Nature Communications</i> , 2021 , 12, 1414	17.4	19
166	Low radar cross section checkerboard metasurface with a transmission window. <i>Journal of Applied Physics</i> , 2018 , 124, 065107	2.5	17
165	Poly (Vinylidene Fluoride-Chlorotrifluoroethylene)/BaTiO ₃ Composites with High Electrical Energy Density. <i>Ferroelectrics</i> , 2010 , 407, 125-133	0.6	17
164	Discharging and energy-releasing properties of Pb _{0.90} La _{0.04} Ba _{0.04} [(Zr _{0.6} Sn _{0.4}) _{0.85} Ti _{0.15}]O ₃ antiferroelectric ceramics under different electric fields. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 3071-3075	2.1	16

163	Thermally stable electrostrains and composition-dependent electrostrictive coefficient Q33 in lead-free ferroelectric ceramics. <i>Ceramics International</i> , 2019 , 45, 22854-22861	5.1	16
162	Dependence of dielectric, ferroelectric, and piezoelectric properties on crystalline properties of p(VDF-co-TrFE) copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012 , 50, 1271-1276	2.6	16
161	Microstructure, Dielectric, and Piezoelectric Properties of Ce-Modified CaBi ₂ Nb ₂ O ₉ Ceramics. <i>Ferroelectrics</i> , 2010 , 404, 127-133	0.6	16
160	Characterization of KNN Single Crystals by Slow-Cooling Technique. <i>Ferroelectrics</i> , 2009 , 381, 1-8	0.6	16
159	Domain switching contribution to piezoelectric response in BaTiO ₃ single crystals. <i>Applied Physics Letters</i> , 2008 , 93, 192904	3.4	16
158	Transparent Metasurface for Generating Microwave Vortex Beams with Cross-Polarization Conversion. <i>Materials</i> , 2018 , 11,	3.5	15
157	Susceptible Ferroelectric/Antiferroelectric Phase Transition near the Surface of Nb-Doped Lead Zirconate Stannate Titanate from Surface Processing. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 14313-7	9.5	14
156	Microstructure and properties of Ga-modified 0.7BiFeO ₃ -0.3BaTiO ₃ solid solution. <i>Science Bulletin</i> , 2007 , 52, 2747-2752		14
155	Ferroelectric transitions in silver niobate ceramics. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 1028-1034	7.1	13
154	Compositional segregation and electrical properties characterization of [001]- and [011]-oriented co-growth Pb(In _{1/2} Nb _{1/2})O ₃ -Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ single crystal. <i>Journal of Applied Physics</i> , 2018 , 123, 154107	2.5	13
153	Babinet Principle for Anisotropic Metasurface With Different Substrates Under Obliquely Incident Plane Wave. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 2704-2713	4.1	13
152	Effects of Ti content on dielectric and energy storage properties of (Pb _{0.94} La _{0.04})(Zr _{0.70} Sn _{0.30}) _{1-x} Ti _x O ₃ ferroelectric/antiferroelectric ceramics. <i>Journal of Advanced Dielectrics</i> , 2016 , 06, 1650033	1.3	13
151	Surfactant-Tuned Phase Structure and Morphologies of CuZnSnS Hierarchical Microstructures and Their Visible-Light Photocatalytic Activities. <i>Nanoscale Research Letters</i> , 2017 , 12, 181	5	12
150	Ultrahigh-Speed Color Imaging with Single-Pixel Detectors at Low Light Level. <i>Physical Review Applied</i> , 2019 , 12,	4.3	11
149	Tangential Network Transmission Theory of Reflective Metasurface With Obliquely Incident Plane Waves. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 64-72	4.1	11
148	Enhanced energy harvesting performance of the piezoelectric unimorph with perpendicular electrodes. <i>Applied Physics Letters</i> , 2014 , 105, 043905	3.4	11
147	Ferroelectric Properties and Magnetoelectric Effect in (1-x)Ni _{0.93} Co _{0.02} Cu _{0.05} Fe ₂ O ₄ /xPZT Particulate Composites. <i>Ferroelectrics</i> , 2010 , 410, 29-36	0.6	11
146	The effect of the hydrostatic pressure on the electromechanical properties of ferroelectric rhombohedral single crystals Pb(Mg _{1/3} Nb _{2/3})-Pb(In _{1/2} Nb _{1/2})-PbTiO ₃ . <i>Applied Physics Letters</i> , 2011 , 99, 062903	3.4	11

145	Numerical simulation and analysis of passive intermodulation caused by multipaction. <i>Physics of Plasmas</i> , 2018 , 25, 082301	2.1	10
144	Phase transition behavior and high electrostrictive strains in Bi(Li _{0.5} Nb _{0.5})O ₃ -doped lead magnesium niobate-based solid solutions. <i>Journal of Alloys and Compounds</i> , 2019 , 806, 206-214	5.7	10
143	Hydrostatic piezoelectric properties of [011] poled Pb(MgNb)O-PbTiO single crystals and 2-2 lamellar composites. <i>Applied Physics Letters</i> , 2014 , 104, 032909	3.4	10
142	A compact second-order frequency selective surface with broadband response. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 392-394	1.2	10
141	Dielectric resonator antenna with Y ₃ Al ₅ O ₁₂ transparent dielectric ceramics for 5G millimeter-wave applications. <i>Journal of the American Ceramic Society</i> , 2021 , 104, 4659-4668	3.8	10
140	Effect of anisotropy on phononic band structure and figure of merit of pentamode metamaterials. <i>Journal of Applied Physics</i> , 2020 , 127, 124903	2.5	9
139	A metamaterial-inspired wideband high-gain FABRY Perot resonator microstrip patch antenna. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 1675-1678	1.2	9
138	Dielectric response and percolation behavior of Ni _{0.1} (VDF) _{0.9} TrFE nanocomposites. <i>Journal of Advanced Dielectrics</i> , 2017 , 07, 1750015	1.3	9
137	Broadband asymmetric transmission of linearly polarised wave based on bilayered chiral metamaterial. <i>IET Microwaves, Antennas and Propagation</i> , 2017 , 11, 171-176	1.6	9
136	Critical role of the coupling between the octahedral rotation and A-site ionic displacements in PbZrO ₃ -based antiferroelectric materials investigated by in situ neutron diffraction. <i>Physical Review B</i> , 2017 , 96,	3.3	9
135	Temperature dependence of dielectric and piezoelectric properties of (1-x)(BiScO ₃) _{0.64} PbTiO ₃ -xLiNbO ₃ high-temperature relaxor ferroelectric ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2011 , 22, 1490-1494	2.1	9
134	Dual band frequency selective surface based on circular aperture-coupled patches. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 1784-1786	1.2	9
133	Area-transformation method for designing invisible cloaks. <i>Journal of Applied Physics</i> , 2010 , 108, 073108	2.5	9
132	An efficient way to enhance output strain for shear mode Pb(In _{1/2} Nb _{1/2})O ₃ -Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ crystals: Applying uniaxial stress perpendicular to polar direction. <i>Applied Physics Letters</i> , 2012 , 100, 192901	3.4	9
131	Dielectric and piezoelectric properties in fluoride-doped PMNT ceramics. <i>Journal of Electroceramics</i> , 2008 , 21, 593-596	1.5	9
130	High output power density and strong vibration durability in a modified barbell-shaped energy harvester based on multilayer Pb(In _{1/2} Nb _{1/2})O ₃ Pb(Mg _{1/3} Nb _{2/3})O ₃ PbTiO ₃ single crystals. <i>APL Materials</i> , 2021 , 9, 010703	5.7	9
129	Design of Frequency Selective Surface Based on Spoof Surface Plasmon Polariton Modes. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 1123-1126	3.8	9
128	Wideband and low-profile transmitarray antenna using transmissive metasurface. <i>Journal of Applied Physics</i> , 2019 , 125, 045103	2.5	8

127	High thermally stable dielectric permittivity, polarization enhancement and electrostrictive properties in Zr-substituted bismuth sodium titanate lead-free ferroelectric ceramics. <i>Ceramics International</i> , 2020 , 46, 22889-22899	5.1	8
126	PIN-PMN-PT Single-Crystal-Based 1B Piezoelectric Composites for Ultrasonic Transducer Applications. <i>Journal of Electronic Materials</i> , 2013 , 42, 2564-2569	1.9	8
125	High-Energy-Density Poly(styrene-co-acrylonitrile) Thin Films. <i>Journal of Electronic Materials</i> , 2013 , 42, 3489-3493	1.9	8
124	High dielectric permittivity and low dielectric loss nanocomposites based on poly(VDF/rFE/TFE) and graphene nanosheets. <i>Journal of Advanced Dielectrics</i> , 2013 , 03, 1350010	1.3	8
123	Ferroelectric Thin Film Diaphragm Resonators for Bio-Detection. <i>Ferroelectrics</i> , 2010 , 410, 145-151	0.6	8
122	Temperature Dependence of Domain Structure in (K _{0.17} Na _{0.83})NbO ₃ Lead Free Piezoelectric Single Crystal Grown by Bridgman Method. <i>Ferroelectrics</i> , 2010 , 404, 200-206	0.6	8
121	Photonic crystals based on acousto-optic effects. <i>Journal of Applied Physics</i> , 2008 , 103, 104904	2.5	8
120	Properties of PbLa(Zr,Sn,Ti)O ₃ ceramics near ferroelectric-antiferroelectric phase boundary. <i>Science Bulletin</i> , 2006 , 51, 1000-1004		8
119	Wideband polarization-independent anomalous reflection metasurface with multiple resonance modes. <i>Journal of Advanced Dielectrics</i> , 2017 , 07, 1750010	1.3	7
118	Comparative study of the pentamodal property of four potential pentamode microstructures. <i>Journal of Applied Physics</i> , 2017 , 121, 125110	2.5	7
117	Design of a Dual-Band Dual-Polarization Transparent Frequency Selective Surface. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 3172-3175	3.8	7
116	Generation of a microwave beam with both orbital and spin angular momenta using a transparent metasurface. <i>Journal of Applied Physics</i> , 2019 , 126, 063108	2.5	7
115	Intergrowth Bismuth Layer-Structured Na _{0.5} Bi _{2.5} Nb ₂ O ₉ Bi ₄ Ti ₃ O ₁₂ High Temperature Ferroelectrics Ceramics. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014 , 24, 355-359	3.2	7
114	Effects of InNbO ₄ Fabrication on Perovskite PIN-PMN-PT. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 3110-3115	3.8	7
113	In-situ neutron diffraction study of Pb(In _{1/2} Nb _{1/2})O ₃ -Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ single crystals under uniaxial mechanical stress. <i>Journal of Applied Physics</i> , 2012 , 111, 084110	2.5	7
112	1-3 ceramic/polymer composites for high-temperature transducer applications. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2013 , 210, n/a-n/a	1.6	7
111	Structural transitions in [001]/[111]-oriented 0.26Pb(In _{1/2} Nb _{1/2})O ₃ -0.46Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.28PbTiO ₃ single crystals probed via neutron diffraction and electrical characterization. <i>Journal of Applied Physics</i> , 2013 , 113, 154104	2.5	7
110	Dielectric behavior of poled complex perovskite relaxor ferroelectrics. <i>Science Bulletin</i> , 1997 , 42, 169-172		7

109	Thermal Expansion Characteristics In [001]-Oriented PMN-0.32PT Single Crystals. <i>Ferroelectrics</i> , 2007 , 355, 245-251	0.6	7
108	Dielectric loss anomalies of 0.68PMN0.32PT single crystal and ceramics at cryogenic temperature. <i>Journal of Electroceramics</i> , 2008 , 21, 279-282	1.5	7
107	Dielectric and relaxor ferroelectric properties of Ba-doped Pb(Zr,Ti)O3 ceramics. <i>Journal of Electroceramics</i> , 2008 , 21, 609-612	1.5	7
106	Ion dopants tuning the interband electronic structure for huge saturated ferroelectric polarization in bismuth ferrite films. <i>Journal of Sol-Gel Science and Technology</i> , 2018 , 88, 618-627	2.3	7
105	High-Quality-Factor ALON Transparent Ceramics for 5 GHz Wi-Fi Aesthetically Decorative Antennas. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 46866-46874	9.5	7
104	Ferroelectric crystals with giant electro-optic property enabling ultracompact Q-switches.. <i>Science</i> , 2022 , 376, 371-377	33.3	7
103	Design of Super-Thin Cloaks With Arbitrary Shapes using Interconnected Patches. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 384-389	4.9	6
102	Three-Dimensional Imaging via Time-Correlated Single-Photon Counting. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1930	2.6	6
101	Graphene modulated by external fields: a nonresonant left-handed metamaterial. <i>Applied Physics A: Materials Science and Processing</i> , 2012 , 106, 949-954	2.6	6
100	Characterization of 0.7Bi(Fe0.9Cr0.1)O30.2PbTiO30.1BaTiO3 Multiferroic Ceramics Derived from Sol-Gel. <i>Journal of the American Ceramic Society</i> , 2010 , 93, 1245	3.8	6
99	Temperature Dependence of Electrical Properties of Lead Lanthanum Zirconate Stannate Titanate Ceramics. <i>Ferroelectrics</i> , 2010 , 409, 27-32	0.6	6
98	Piezoelectric Membrane Based Biosensor Platform. <i>Ferroelectrics</i> , 2010 , 409, 78-84	0.6	6
97	Phonon band structures of the three dimensional latticed pentamode metamaterials. <i>AIP Advances</i> , 2017 , 7, 025309	1.5	5
96	Study on the broadband piezoelectric ceramic transducer based on radial enhanced composite structure. <i>Ceramics International</i> , 2018 , 44, S250-S253	5.1	5
95	Hydrostatic Pressure Dependence of Dielectric, Elastic, and Piezoelectric Properties of Pb(Mg1/3Nb2/3)O30.33PbTiO3 Ceramic. <i>Journal of the American Ceramic Society</i> , 2011 , 94, 2946-2950	3.8	5
94	Improvement in the piezoelectric temperature stability of (K0.5Na0.5)NbO3 ceramics. <i>Science Bulletin</i> , 2011 , 56, 2389-2393		5
93	Electron emission from La-doped Pb(Zr,Sn,Ti)O3 anti-ferroelectrics by pulse electric field and the relevant physical mechanism. <i>Science Bulletin</i> , 2009 , 54, 3489-3493	10.6	5
92	Dielectric and ferromagnetic properties of BaTiO3/Ni0.93Co0.02Cu0.05Fe2O4 composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2010 , 21, 456-460	2.1	5

91	Electric Fatigue Behavior of La-doped Pb(Zr, Sn, Ti) O ₃ Antiferroelectric Ceramics under Square Electric Pulse Power. <i>Ferroelectrics</i> , 2007 , 355, 125-129	0.6	5
90	Surfactant-tuned phase crystallinity and morphologies of NaYF ₄ :Yb ³⁺ ,Er ³⁺ hexagonal microstructures and their photoluminescence properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 2463-2470	2.1	5
89	Analysis of High-Efficiency Cross-Polarized Converter at Oblique Incidence. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 2291-2294	3.8	4
88	Ferroelectric polarization tuning the photovoltaic and diode-like effect of the Ni, Sm co-doped BiFeO ₃ film capacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 12163-12169	2.1	4
87	Study on a Nonlinear Antiferroelectric Capacitor. <i>Journal of Fusion Energy</i> , 2015 , 34, 717-720	1.6	4
86	Resolution Analysis of Spatial Modulation Coincidence Imaging Based on Reflective Surface. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018 , 56, 3762-3771	8.1	4
85	Growth Temperature Dependence of Morphology of GaN Single Crystals in the Na-Li-Ca Flux Method. <i>Journal of Electronic Materials</i> , 2018 , 47, 1569-1574	1.9	4
84	Structure and dielectric/piezoelectric properties of LiNbO ₃ -doped BiScO ₃ PbTiO ₃ ceramics with morphotropic phase boundary composition. <i>Journal of Materials Science</i> , 2012 , 47, 696-701	4.3	4
83	Effects of Mn-Addition on the Microstructure and Ferroelectric Properties of High-Temperature CaBi ₂ Nb ₂ O ₉ Ceramics. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013 , 23, 877-880	2.2	4
82	Dielectric properties of [001]-oriented Pb(Mg _{1/3} Nb _{2/3})O ₃ PbTiO ₃ single crystal under hydrostatic pressure. <i>High Pressure Research</i> , 2010 , 30, 273-279	1.6	4
81	Dielectric and Piezoelectric Properties of (1-x)Bi(Sc _{0.9} (Zn _{1/2} Ti _{1/2}) _{0.1})O ₃ -xPbTiO ₃ Ceramics. <i>Ferroelectrics</i> , 2010 , 408, 91-97	0.6	4
80	The Effect of Ga ³⁺ Substituting Sc ³⁺ on Properties of BiScO ₃ -PbTiO ₃ Ceramics. <i>Ferroelectrics</i> , 2010 , 409, 72-77	0.6	4
79	TEMPERATURE-INDEPENDENT DIELECTRIC PROPERTIES OF 0.82[0.94Bi _{0.5} Na _{0.5} TiO ₃]0.06BaTiO ₃]0.18K _{0.5} Na _{0.5} NbO ₃ CERAMICS. <i>Journal of Advanced Dielectrics</i> , 2012 , 02, 1250006	1.3	4
78	MICROSTRUCTURES AND ELECTRICAL PROPERTIES OF PMNT CERAMICS DOPED WITH LITHIUM FLUORIDE. <i>Integrated Ferroelectrics</i> , 2005 , 74, 13-20	0.8	4
77	Structure-Driven, Ferroelectric Wake-Up Effect for Electrical Fatigue Relief. <i>Chemistry of Materials</i> , 2020 , 32, 6456-6463	9.6	4
76	Wideband helicity dependent spoof surface plasmon polaritons coupling metasurface based on dispersion design. <i>Scientific Reports</i> , 2016 , 6, 38460	4.9	4
75	Analysis of Complementary Metasurfaces Based on the Babinet Principle. <i>IEEE Microwave and Wireless Components Letters</i> , 2019 , 29, 8-10	2.6	4
74	Multiform frequency selective surfaces optimal design based on topology optimization. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21491	1.5	4

73	Fabrication and Properties of 5% Ce-Doped BaTiO ₃ Nanofibers-Based Ceramic. <i>Journal of Electronic Materials</i> , 2018 , 47, 1099-1106	1.9	4
72	Radiation Pattern Reconfigurable Waveguide Slot Array Antenna Using Liquid Crystal. <i>International Journal of Antennas and Propagation</i> , 2018 , 2018, 1-9	1.2	4
71	Radar cross section reduction metasurface based on random phase gradients. <i>Applied Physics B: Lasers and Optics</i> , 2018 , 124, 1	1.9	4
70	The magnetoelectric effect of the CFO thin film by coupling a P(VDF-co-TrFE) piezoelectric layer. <i>Journal of Applied Physics</i> , 2018 , 124, 154102	2.5	4
69	Optical Induction and Erasure of Ferroelectric Domains in Tetragonal PMN-38PT Crystals. <i>Advanced Optical Materials</i> , 2022 , 10, 2102115	8.1	4
68	Enhanced Piezoelectric Properties and Improved Property Uniformity in Nd-Doped PMN-PT Relaxor Ferroelectric Single Crystals. <i>Advanced Functional Materials</i> , 2201719	15.6	4
67	Threshold Analysis of Loop-Delay Estimation Using Correlation Functions for Double-Carrier Signals in Digital Predistortion Subsystem. <i>IEEE Communications Letters</i> , 2015 , 19, 479-482	3.8	3
66	Analysis on the anisotropic electromechanical properties of lead magnoniobate titanate single crystal for ring type ultrasonic motors. <i>AIP Advances</i> , 2016 , 6, 115017	1.5	3
65	Growth of GaN Crystals by the Na Flux Method Under a Temperature Gradient. <i>Journal of Electronic Materials</i> , 2014 , 43, 1219-1225	1.9	3
64	High performance lead free ferroelectric ATiO ₃ /SnTiO ₃ superlattices. <i>Applied Physics Letters</i> , 2013 , 103, 062905	3.4	3
63	Hanbury Brown-Twiss effect without two-photon interference in photon counting regime. <i>Scientific Reports</i> , 2017 , 7, 2145	4.9	3
62	Structure evolution and photocatalytic activity of BiFeO ₃ powders synthesized by hydrothermal decomposition of metal-EDTA complexes. <i>Journal of Materials Science: Materials in Electronics</i> , 2012 , 23, 2145-2151	2.1	3
61	Microstructure and Electrical Properties of Fluorides Added PMNT Ceramics. <i>Ferroelectrics</i> , 2010 , 403, 119-126	0.6	3
60	Mechanochemical Synthesis of K _x Na _{1-x} NbO ₃ Powders. <i>Ferroelectrics</i> , 2010 , 401, 211-217	0.6	3
59	Study on the Dielectric Properties of 0.75Pb(Mg _{1/3} Nb _{2/3})O ₃ 0.25PbTiO ₃ Ceramic Under Hydrostatic Pressure. <i>Ferroelectrics</i> , 2010 , 401, 218-225	0.6	3
58	Structural and Dielectric Properties of (1-x)Bi(In _{0.20} Ga _{0.05} Sc _{0.75})O ₃ -xPbTiO ₃ Ceramics. <i>Ferroelectrics</i> , 2007 , 356, 40-44	0.6	3
57	Properties of pressure-induced phase transition in Nb-doped PZST ceramics. <i>Journal of Electroceramics</i> , 2008 , 21, 291-295	1.5	3
56	Symmetry-mode analysis for intuitive observation of structure-property relationships in the lead-free antiferroelectric (1- λ)AgNbO-LiTaO. <i>IUCrJ</i> , 2019 , 6, 740-750	4.7	3

55	Pentamodal behaviors and acoustic bandgaps of asymmetric pentamode elastic metamaterials. <i>International Journal of Modern Physics B</i> , 2016 , 30, 1650118	1.1	3
54	Isolation enhancement of patch antenna array via metamaterial integration. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 2321-2325	1.2	3
53	Achieve single domain state in (111)-oriented rhombohedral phase PMN-PT relaxor ferroelectric single crystals for electro-optical application. <i>Applied Physics Letters</i> , 2019 , 115, 222901	3.4	3
52	Achieving both high electromechanical properties and temperature stability in textured PMN-PT ceramics. <i>Journal of the American Ceramic Society</i> , 2022 , 105, 3322-3330	3.8	3
51	Effects of compressive stress on electric-field-induced phase transition of antiferroelectric ceramics. <i>Journal of Applied Physics</i> , 2019 , 125, 204104	2.5	2
50	Preparation and characterization of $\text{Pb}(\text{Lu}_{1/2}\text{Nb}_{1/2})\text{O}_3\text{Pb}(\text{In}_{1/2}\text{Nb}_{1/2})\text{O}_3\text{PbTiO}_3$ ternary ferroelectric ceramics with high phase transition temperatures. <i>Journal of the American Ceramic Society</i> , 2018 , 101, 5514-5523	3.8	2
49	Dielectric property, electric breakdown, and discharged energy density of a poly(vinylidene fluoride-co-chlorotrifluoroethylene) copolymer with low temperature processing. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	2
48	Effect of Hydrostatic Pressure on the Dielectric Response of $0.90\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-}0.10\text{PbTiO}_3$ Relaxor Ferroelectric Ceramic. <i>Ferroelectrics</i> , 2010 , 401, 86-91	0.6	2
47	Investigation on the Thermal Stability of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-PbTiO}_3$ Single Crystals. <i>Ferroelectrics</i> , 2010 , 402, 187-192	0.6	2
46	A Complex Permittivity Measurement Technique for High Dielectric Constant Materials at Microwave Frequency. <i>Ferroelectrics</i> , 2010 , 407, 101-107	0.6	2
45	Chemical prepared niobium modified PZT-95/5 antiferroelectric ceramics and the field-induced phase transformation properties. <i>Journal of Electroceramics</i> , 2008 , 21, 283-286	1.5	2
44	Influence of pulse polarity on electron emission property of antiferroelectric ceramic. <i>Science Bulletin</i> , 2008 , 53, 1789-1795	10.6	2
43	High Temperature Phase Diagram of PMN-PT Binary System. <i>Ferroelectrics</i> , 2005 , 326, 31-35	0.6	2
42	Pyroelectric spectrum in $\text{Pb}(\text{Zr},\text{Sn},\text{Ti})\text{O}_3$ antiferroelectric-ferroelectric ceramics. <i>Science Bulletin</i> , 2000 , 45, 1169-1172		2
41	Hole-Pinned Defect Clusters for a Large Dielectric Constant up to GHz in Zinc and Niobium Codoped Rutile SnO. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 54124-54132	9.5	2
40	Two-photon superbunching effect of broadband chaotic light at the femtosecond timescale based on a cascaded Michelson interferometer. <i>Physical Review A</i> , 2021 , 103,	2.6	2
39	Measuring Hanbury Brown and Twiss Effect of Multi-Spatial-Mode Thermal Light at Ultrashort Timescale by Two-Photon Absorption. <i>IEEE Photonics Journal</i> , 2018 , 10, 1-16	1.8	2
38	Design of an absorption-transmission-integrated frequency selective surface using a waveguide array. <i>AIP Advances</i> , 2018 , 8, 095024	1.5	2

37	Miniaturization of Monopole Antenna Based on Spoof Surface Plasmon Polaritons. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 1562-1566	3.8	2
36	Fabrication of Wideband Low-Profile Dielectric Patch Antennas from Temperature Stable 0.65 CaTiO ₃ 0.35 LaAlO ₃ Microwave Dielectric Ceramic. <i>Advanced Electronic Materials</i> , 2101414	6.4	2
35	Temperature Tuning Mie Resonance-Based All-Dielectric Metamaterial. <i>Journal of Electronic Materials</i> , 2017 , 46, 609-615	1.9	1
34	Morphotropic phase boundary-like properties in a ferroelectric-paraelectric nanocomposite. <i>Journal of Applied Physics</i> , 2019 , 126, 124102	2.5	1
33	Temperature and DC Bias Dependences of Dielectric Behavior of Different Oriented 0.23PIN-0.52PMN-0.25PT Single Crystals. <i>Journal of Electronic Materials</i> , 2018 , 47, 6282-6288	1.9	1
32	Antiferroelectrics: Multilayer Lead-Free Ceramic Capacitors with Ultrahigh Energy Density and Efficiency (Adv. Mater. 32/2018). <i>Advanced Materials</i> , 2018 , 30, 1870240	24	1
31	A high-efficiency loop delay estimator in digital predistortion subsystem 2014 ,		1
30	Ultrafast direct measurement of HBT effect between different modes by two-photon absorption 2017 ,		1
29	Broadband Circular Polarizer Based on Plasmon Hybridizations. <i>International Journal of Antennas and Propagation</i> , 2017 , 2017, 1-10	1.2	1
28	Phase transitions and electromechanical properties for barium titanate and lead titanate ferroelectric crystals under one-dimensional shock wave compression. <i>Journal of Applied Physics</i> , 2012 , 112, 114118	2.5	1
27	Temperature Dependence of Electrical Properties and Crystal Structure of 0.29Pb(In _{1/2} Nb _{1/2})O ₃ 0.44Pb(Mg _{1/3} Nb _{2/3})O ₃ 0.27PbTiO ₃ Single Crystals. <i>Advances in Condensed Matter Physics</i> , 2013 , 2013, 1-5	1	1
26	High Stability of Dielectric Permittivity for K _{0.5} Na _{0.5} NbO ₃ -Based Lead Free Piezoelectric Ceramics. <i>Ferroelectrics</i> , 2010 , 404, 226-232	0.6	1
25	Dielectric, ferroelectric, and ferromagnetic properties of 0.7Bi _{1-x} Lax(Fe _{0.9} Cr _{0.1})O ₃ 0.1BaTiO ₃ 0.2PbTiO ₃ solid solutions. <i>Journal of Materials Research</i> , 2010 , 25, 1812-1816	2.5	1
24	Electron Emission Characteristic Study of Cylindrical Ferroelectric Cathode. <i>Ferroelectrics</i> , 2010 , 408, 112-119	0.6	1
23	Electron Emission from Ferroelectric Cathodes Stimulated by Repetition Frequency High-Voltage Pulse. <i>Ferroelectrics</i> , 2010 , 408, 137-144	0.6	1
22	Effect of composition and pressure on dielectric property in the Sn-modified lead zirconate titanate ceramics. <i>Journal of Electroceramics</i> , 2008 , 21, 287-290	1.5	1
21	Dielectric and pyroelectric properties of (1-x)PST-xPZT ferroelectric ceramics. <i>Journal of Electroceramics</i> , 2008 , 21, 621-624	1.5	1
20	Influences of External Fields on Dielectric Properties and Phase Transition of PbNb(Zr,Sn,Ti)O ₃ Antiferroelectric Ceramics. <i>Ferroelectrics</i> , 2007 , 358, 60-66	0.6	1

19	Effects of Anneal on the Microstructure of PMN-32%PT Polycrystal. <i>Ferroelectrics</i> , 2006 , 332, 105-110	0.6	1
18	EFFECT OF LITHIUM SALTS ADDITION ON SINTERING TEMPERATURE AND ELECTRICAL PROPERTIES OF PMNT CERAMICS. <i>Integrated Ferroelectrics</i> , 2005 , 74, 21-29	0.8	1
17	Influence of Sintering Temperatures on the Properties of Lithium Sodium Potassium Niobate Piezoelectric Ceramics. <i>Materials Research Society Symposia Proceedings</i> , 2005 , 888, 1		1
16	Temperature and DC bias dependence of the phase transition behavior of [011]- and [001]-oriented PINBMNBT single crystals with MPB composition. <i>Journal of Materials Research</i> , 2018 , 33, 4053-4061	2.5	1
15	An Ag Decorated P(VDF-CTFE)/BT@HBP@PDA Nanocomposites with Double-Shell Core Structure for High Dielectric Performance 2018 ,		1
14	The effect of machining on domain configuration in [001]-oriented tetragonal Pb(Mg _{1/3} Nb _{2/3})O ₃ PbTiO ₃ single crystals. <i>Journal of Applied Physics</i> , 2018 , 124, 173103	2.5	1
13	Transmission-reflection-integrated Metasurfaces Design for Simultaneous Manipulation of Phase and Amplitude. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	1
12	An Average Power Tracking Method for Wideband Highly Nonlinear Power Amplifiers. <i>IEEE Microwave and Wireless Components Letters</i> , 2015 , 25, 274-276	2.6	0
11	All-Optical Naked-Eye Ghost Imaging. <i>Scientific Reports</i> , 2020 , 10, 2493	4.9	0
10	SBL-Based 2-D DOA Estimation for L-Shaped Array With Unknown Mutual Coupling. <i>IEEE Access</i> , 2021 , 9, 70071-70079	3.5	0
9	The impact of surface plasma on the total emission charge from PZST cathode induced by nanosecond electric pulse 2019 , 92, 1		
8	Analysis of Electric Field Distribution in Capacitors Dielectric with Cavities. <i>Journal of Fusion Energy</i> , 2015 , 34, 845-848	1.6	
7	Improved Performance of the Piezoelectric Monomorph with Perpendicular Electrode Connections for Sensing and Energy Harvesting. <i>Smart Materials Research</i> , 2013 , 2013, 1-5		
6	Ferroelectric and Ferromagnetic Properties of 0.7Bi _{1-x} Ndx(Fe _{0.9} Cr _{0.1})O ₃ -0.1BaTiO ₃ -0.2PbTiO ₃ Solid Solutions. <i>Ferroelectrics</i> , 2010 , 410, 22-28	0.6	
5	Dielectric Properties of Pb(Mg _{1/3} Nb _{2/3})O ₃ PbTiO ₃ Ceramics Modified by Pb(Mg _{1/3} Ta _{2/3})O ₃ . <i>Ferroelectrics</i> , 2007 , 355, 252-256	0.6	
4	Phase Transition Characters in Tin Modified Lead Zirconate Titanate Compounds. <i>Ferroelectrics</i> , 2007 , 358, 12-16	0.6	
3	The Crystalline and Dielectric Properties of 0.38 (Bi _{1-x} Lax)ScO ₃ -0.62PbTiO ₃ Ferroelectric Ceramics. <i>Materials Research Society Symposia Proceedings</i> , 2005 , 888, 1		
2	The Dielectric, Piezoelectric and Pyroelectric Properties of (1-x)PST-xPZT Relaxor Ferroelectric Ceramics. <i>Materials Research Society Symposia Proceedings</i> , 2005 , 888, 1		

- 1 Effects of temperature on hydrostatic pressure-induced FE-AFE phase transition in $\text{PbLa}(\text{Zr}, \text{Sn}, \text{Ti})\text{O}_3$ ceramics. *Science Bulletin*, **2001**, 46, 1574-1578