Jianguo Zhu

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242 papers	7,317 citations	37 h-index	79 g-index
269 ext. papers	8,728 ext. citations	4.8 avg, IF	6.31 L-index

#	Paper	IF	Citations
242	Potassium-sodium niobate lead-free piezoelectric materials: past, present, and future of phase boundaries. *Chemical Reviews*, **2015**, 115, 2559-95	68.1	1006
241	Giant piezoelectricity in potassium-sodium niobate lead-free ceramics. *Journal of the American Chemical Society*, **2014**, 136, 2905-10	16.4	590
240	Recent development in lead-free perovskite piezoelectric bulk materials. *Progress in Materials Science*, **2018**, 98, 552-624	42.2	451
239	Superior Piezoelectric Properties in Potassium-Sodium Niobate Lead-Free Ceramics. *Advanced Materials*, **2016**, 28, 8519-8523	24	446
238	The structural origin of enhanced piezoelectric performance and stability in lead free ceramics. *Energy and Environmental Science*, **2017**, 10, 528-537	35.4	305
237	Giant Piezoelectricity and High Curie Temperature in Nanostructured Alkali Niobate Lead-Free Piezoceramics through Phase Coexistence. *Journal of the American Chemical Society*, **2016**, 138, 15459-15464	16.4	241
236	Piezoelectric and ferroelectric properties of [Bi0.5(Na1□□KxLiy)0.5]TiO3 lead-free piezoelectric ceramics. *Applied Physics Letters*, **2006**, 88, 062901	3.4	219
235	Ultrahigh Performance in Lead-Free Piezoceramics Utilizing a Relaxor Slush Polar State with Multiphase Coexistence. *Journal of the American Chemical Society*, **2019**, 141, 13987-13994	16.4	152
234	Effects of K□Na ratio on the phase structure and electrical properties of (KxNa0.96□Li0.04)(Nb0.91Ta0.05Sb0.04)O3 lead-free ceramics. *Applied Physics Letters*, **2007**, 91, 252907	3.4	141
233	Practical High Piezoelectricity in Barium Titanate Ceramics Utilizing Multiphase Convergence with Broad Structural Flexibility. *Journal of the American Chemical Society*, **2018**, 140, 15252-15260	16.4	105
232	Compositional dependence of phase structure and electrical properties in (K0.42Na0.58)NbO3-LiSbO3 lead-free ceramics. *Journal of Applied Physics*, **2007**, 102, 114113	2.5	102
231	Giant d33 in (K,Na)(Nb,Sb)O3-(Bi,Na,K, Li)ZrO3 based lead-free piezoelectrics with high Tc. *Applied Physics Letters*, **2013**, 103, 052906	3.4	101
230	Large d33 in (K,Na)(Nb,Ta,Sb)O3-(Bi,Na,K)ZrO3 lead-free ceramics. *Journal of Materials Chemistry A*, **2014**, 2, 4122	13	94
229	High strain in (K0.40Na0.60)(Nb0.955Sb0.045)O3□Bi0.50Na0.50ZrO3 lead-free ceramics with large piezoelectricity. *Journal of Materials Chemistry C*, **2014**, 2, 8796-8803	7.1	84
228	Construction of new morphotropic phase boundary in 0.94(K0.4□Na0.6BaxNb1□Zrx)O3□0.06LiSbO3 lead-free piezoelectric ceramics. *Journal of Materials Science*, **2011**, 46, 6871-6876	4.3	83
227	Multi-scale thermal stability of niobate-based lead-free piezoceramics with large piezoelectricity. *Journal of Materials Chemistry C*, **2015**, 3, 8780-8787	7.1	77
226	Robust Fabrication of Hybrid Lead-Free Perovskite Pellets for Stable X-ray Detectors with Low Detection Limit. *Advanced Materials*, **2020**, 32, e2001981	24	74

225	Potassium□odium niobate lead-free ceramics: modified strain as well as piezoelectricity. *Journal of Materials Chemistry A*, **2015**, 3, 1868-1874	13	73
224	New Lead-Free (1□□k)(K0.5Na0.5)NbO3□(Bi0.5Na0.5)ZrO3 Ceramics with High Piezoelectricity. *Journal of the American Ceramic Society*, **2014**, 97, 688-690	3.8	64
223	Effects of K content on the dielectric, piezoelectric, and ferroelectric properties of 0.95(KxNa1□)NbO3□0.05LiSbO3 lead-free ceramics. *Journal of Applied Physics*, **2008**, 103, 024102	2.5	63
222	Composition-Driven Phase Boundary and Piezoelectricity in Potassium-Sodium Niobate-Based Ceramics. *ACS Applied Materials & Interfaces*, **2015**, 7, 20332-41	9.5	62
221	Identification of Phase Boundaries and Electrical Properties in Ternary Potassium-Sodium Niobate-Based Ceramics. *ACS Applied Materials & Interfaces*, **2016**, 8, 18943-53	9.5	62
220	Effect of the Addition of CaZrO3 and LiNbO3 on the Phase Transitions and Piezoelectric Properties of K0.5Na0.5NbO3 Lead-Free Ceramics. *Journal of the American Ceramic Society*, **2011**, 94, 4317-4322	3.8	62
219	Microemulsion-mediated hydrothermal synthesis of ZnSe and Fe-doped ZnSe quantum dots with different luminescence characteristics. *RSC Advances*, **2012**, 2, 8179	3.7	60
218	Strong piezoelectricity in (1 - x)(K0.4Na0.6)(Nb0.96Sb0.04)O3-xBi0.5K0.5Zr1-ySnyO3 lead-free binary system: identification and role of multiphase coexistence. *ACS Applied Materials & Interfaces*, **2015**, 7, 5927-37	9.5	57
217	Potassium□odium niobate lead-free piezoelectric ceramics: recent advances and perspectives. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 9297-9308	2.1	55
216	Flexible piezoelectric ultrasonic energy harvester array for bio-implantable wireless generator. *Nano Energy*, **2019**, 56, 216-224	17.1	54
215	Improved temperature stability of CaTiO3-modified [(K0.5Na0.5)0.96Li0.04](Nb0.91Sb0.05Ta0.04)O3 lead-free piezoelectric ceramics. *Journal of Applied Physics*, **2008**, 104, 024102	2.5	53
214	New potassium-sodium niobate lead-free piezoceramic: Giant-d33 vs. sintering temperature. *Journal of Applied Physics*, **2014**, 115, 114104	2.5	51
213	Microstructure and electrical properties in W/Nb co-doped Aurivillius phase Bi 4 Ti 3 O 12 piezoelectric ceramics. *Materials Research Bulletin*, **2014**, 59, 125-130	5.1	51
212	Study of the relationships among the crystal structure, phase transition behavior and macroscopic properties of modified (K,Na)NbO 3 -based lead-free piezoceramics. *Journal of the European Ceramic Society*, **2018**, 38, 2335-2343	6	49
211	Enhancement of piezoelectric properties of (LiCePr)-multidoped CaBi2Nb2O9 high temperature ceramics. *Materials Letters*, **2013**, 107, 14-16	3.3	48
210	Crystal structure, dielectric and piezoelectric properties of Ta/W codoped Bi3TiNbO9 Aurivillius phase ceramics. *Current Applied Physics*, **2014**, 14, 1861-1866	2.6	42
209	Phase Structure and Electrical Properties of (K0.48Na0.52)(Nb0.95Ta0.05)O3-LiSbO3 Lead-Free Piezoelectric Ceramics. *Journal of the American Ceramic Society*, **2007**, 91, 319-321	3.8	42
208	Defect Passivation in Hybrid Perovskite Solar Cells by Tailoring the Electron Density Distribution in Passivation Molecules. *ACS Applied Materials & Interfaces*, **2019**, 11, 44233-44240	9.5	40

207	High piezoelectricity in (K,Na)(Nb,Sb)O3-(Bi,La,Na,Li)ZrO3 lead-free ceramics. *Journal of Materials Science*, **2016**, 51, 4963-4972	4.3	39
206	Facile synthesis and strongly microstructure-dependent electrochemical properties of graphene/manganese dioxide composites for supercapacitors. *Nanoscale Research Letters*, **2014**, 9, 490	5	39
205	Characteristics of giant piezoelectricity around the rhombohedral-tetragonal phase boundary in (K,Na)NbO3-based ceramics with different additives. *Journal of Materials Chemistry A*, **2015**, 3, 15951-15961	13	37
204	Enhanced piezoelectric properties in potassium-sodium niobate-based ternary ceramics. *Materials and Design*, **2016**, 109, 609-614	8.1	37
203	Effects of (Li, Ce, Y) co-substitution on the properties of CaBi2Nb2O9 high temperature piezoceramics. *Ceramics International*, **2017**, 43, 5002-5006	5.1	36
202	Electrical properties of [Bi1-(Na1-yKxLiy)]0.5BazTiO3 multi-component lead-free piezoelectric ceramics. *Physica Status Solidi (A) Applications and Materials Science*, **2005**, 202, R89-R91	1.6	35
201	Practical high strain with superior temperature stability in lead-free piezoceramics through domain engineering. *Journal of Materials Chemistry A*, **2018**, 6, 23736-23745	13	34
200	A new method to improve the electrical properties of KNN-based ceramics: Tailoring phase fraction. *Journal of the European Ceramic Society*, **2018**, 38, 85-94	6	32
199	Phase structure, piezoelectric properties, and stability of new K0.48Na0.52NbO3-Bi0.5Ag0.5ZrO3 lead-free ceramics. *Journal of Materials Science: Materials in Electronics*, **2014**, 25, 3219-3225	2.1	31
198	Preparation and properties of highly (100)-oriented Pb(Zr0.2Ti0.8)O3 thin film prepared by rf magnetron sputtering with a PbOx buffer layer. *Journal of Applied Physics*, **2007**, 101, 094107	2.5	31
197	Microstructure, dielectric, and piezoelectric properties of (Li, Ag, Ta) modified (K0.50Na0.50)NbO3 lead-free ceramics with high Curie temperature. *Journal of Applied Physics*, **2007**, 102, 054101	2.5	28
196	Ultrasound-Induced Wireless Energy Harvesting for Potential Retinal Electrical Stimulation Application. *Advanced Functional Materials*, **2019**, 29, 1902522	15.6	27
195	Piezoelectric Properties of (1-)(Na0.5K0.5)NbO3-AgSbO3 Lead-Free Ceramics. *Journal of the American Ceramic Society*, **2009**, 92, 755-757	3.8	27
194	K/Na Ratio Dependence of the Electrical Properties of [(KxNa1-)0.95Li0.05](Nb0.95Ta0.05)O3 Lead-Free Ceramics. *Journal of the American Ceramic Society*, **2008**, 91, 2385-2387	3.8	27
193	Temperature stability and electrical properties in La-doped KNN-based ceramics. *Journal of the American Ceramic Society*, **2018**, 101, 4084-4094	3.8	26
192	Lead-Free KNbO:xZnO Composite Ceramics. *ACS Applied Materials & Interfaces*, **2016**, 8, 30304-30311	9.5	26
191	Phase transitions and electrical properties of (1-)(K0.5Na0.5)NbO3-BiScO3 lead-free piezoelectric ceramics with a CuO sintering aid. *Physica Status Solidi (A) Applications and Materials Science*, **2009**, 206, 2622-2626	1.6	25
190	High-Performance 0-3 Type Niobate-Based Lead-Free Piezoelectric Composite Ceramics with ZnO Inclusions. *ACS Applied Materials & Interfaces*, **2018**, 10, 30566-30573	9.5	24

189	Lead-free piezoelectric ceramics based on (0.97 x)K0.48Na0.52NbO3-0.03Bi0.5(Na0.7K0.2Li0.1)0.5ZrO3-xB0.5Na0.5TiO3 ternary system. *Journal of Applied Physics*, **2013**, 114, 124107	2.5	24
188	Valence-driven electrical behavior of manganese-modified bismuth ferrite thin films. *Journal of Applied Physics*, **2011**, 109, 124118	2.5	24
187	Dielectric properties and impedance analysis in Aurivillius-type (Na0.25K0.25Bi0.5)1(LiCe)x/2x/2Bi4Ti4O15 ceramics. *Journal of Alloys and Compounds*, **2012**, 541, 310-316	5.7	23
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185	Fabrication of a (K,Na)NbO3-based lead-free 1-3 piezocomposite for high-sensitivity ultrasonic transducers application. *Journal of Applied Physics*, **2019**, 125, 214501	2.5	22
184	Structural evolution of the R-T phase boundary in KNN-based ceramics. *Journal of the American Ceramic Society*, **2018**, 101, 1191-1200	3.8	22
183	The structure and electrical properties of Ca0.6(Li0.5Bi0.5-xPrx)0.4Bi2Nb2O9 high-temperature piezoelectric ceramics. *Journal of the American Ceramic Society*, **2020**, 103, 266-278	3.8	22
182	Properties and structures of nonstoichiometric (K, Na)NbO3-based lead-free ceramics. *Journal of the American Ceramic Society*, **2018**, 101, 1632-1645	3.8	22
181	Green Anti-solvent Processed Efficient Flexible Perovskite Solar Cells. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 4343-4350	8.3	21
180	Structure and electrical properties of (0.965 x)(K0.48Na0.52)NbO3BiGaO3.035(Bi0.5Na0.5)ZrO3 piezoelectric ceramics. *RSC Advances*, **2016**, 6, 57210-57216	3.7	21
179	Modifying Temperature Stability of (K,Na)NbO3 Ceramics through Phase Boundary. *Advanced Electronic Materials*, **2018**, 4, 1800205	6.4	21
178	Microstructure, dielectric, and piezoelectric properties of 0.38Bi(Gax Sc1)O3.62PbTiO3 high temperature piezoelectric ceramics. *Physica Status Solidi - Rapid Research Letters*, **2008**, 2, 28-30	2.5	21
177	Piezoelectric properties and thermal stability of Ca0.92(Li,Ce)0.04Bi2Nb2 W x O9 high-temperature ceramics. *Applied Physics A: Materials Science and Processing*, **2015**, 119, 337-341	2.6	20
176	Effect of SrZrO3 on phase structure and electrical properties of 0.974(K0.5Na0.5)NbO3.026Bi0.5K0.5TiO3 lead-free ceramics. *Ceramics International*, **2014**, 40, 2731-2735	5.1	20
175	New crystallographic dielectric phase boundary in K0.5Na0.5NbO3-based lead-free ceramics. *Physica Status Solidi - Rapid Research Letters*, **2011**, 5, 220-222	2.5	19
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173	Enhanced Piezoelectric Properties in Mn-Doped 0.98K0.5Na0.5NbO3.02BiScO3 Lead-Free Ceramics. *Journal of the American Ceramic Society*, **2009**, 92, 1625-1628	3.8	19
172	Double hysteresis loop induced by defect dipoles in ferroelectric Pb(Zr0.8Ti0.2)O3 thin films. *Journal of Applied Physics*, **2011**, 109, 044102-044102-5	2.5	19

171	High Tunability of Highly (100)-Oriented Lead Zirconate Titanium Thin Films. *Journal of the American Ceramic Society*, **2008**, 91, 3786-3788	3.8	19
170	CaTiO3-Modified (K0.50Na0.50)(Nb0.96Sb0.04)O3 Lead-Free Piezoelectric Ceramics. *Journal of the American Ceramic Society*, **2008**, 91, 3402-3404	3.8	18
169	Double hysteresis loop in (Pb0.90La0.10)Ti0.975O3Pb(Zr0.20Ti0.80)O3 bilayer thin films. *Applied Physics Letters*, **2007**, 91, 212905	3.4	18
168	Structure refinements and the influences of A-site vacancies on properties of Na0.5Bi2.5Nb2O9-based high temperature piezoceramics. *Journal of Applied Physics*, **2016**, 120, 194103	2.5	18
167	Enhanced piezoelectricity and temperature stability in LaFeO3-modified KNN-based lead-free ceramics. *Journal of the American Ceramic Society*, **2019**, 102, 6126-6136	3.8	17
166	Microstructure and electrical properties of (Ba0.98Ca0.02)(Ti0.94Sn0.06)O3 wt% ZnO lead-free piezoelectric ceramics sintered at lower temperature. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 2323-2328	2.1	17
165	(00l)-Facet-Exposed Planelike ABi2Nb2O9 (A = Ca, Sr, Ba) Powders with a Single-Crystal Grain for Enhancement of Photocatalytic Activity. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 3840-3852	8.3	17
164	Progress on the doping and phase boundary design of potassiumodium niobate lead-free ceramics. *Journal of Advanced Dielectrics*, **2018**, 08, 1830003	1.3	17
163	Enhanced electrical properties related to structural distortion of CaBi2Nb2O9-based piezoelectric ceramics. *Journal of the American Ceramic Society*, **2019**, 102, 1287-1295	3.8	17
162	Multiferroic and fatigue behavior of silicon-based bismuth ferrite sandwiched structure. *Journal of Materials Chemistry*, **2011**, 21, 7308		17
161	Efficient X-ray Attenuation Lead-Free AgBiI Halide Rudorffite Alternative for Sensitive and Stable X-ray Detection. *Journal of Physical Chemistry Letters*, **2020**, 11, 7939-7945	6.4	16
160	Investigation of high piezoelectric properties of KNNSb-Sr BNZ ceramics. *Journal of Alloys and Compounds*, **2020**, 815, 152252	5.7	16
159	Ion Doping Effects on the Lattice Distortion and Interlayer Mismatch of Aurivillius-Type Bismuth Titanate Compounds. *Materials*, **2018**, 11,	3.5	15
158	Mechanism for atmosphere dependence of laser damage morphology in HfO2/SiO2 high reflective films. *Journal of Applied Physics*, **2012**, 112, 023111	2.5	15
157	Influence of different lanthanide ions on the structure and properties of potassium sodium niobate based ceramics. *Scripta Materialia*, **2020**, 177, 186-191	5.6	15
156	Energy Storage Behavior in ErBiO3-Doped (K,Na)NbO3 Lead-Free Piezoelectric Ceramics. *ACS Applied Electronic Materials*, **2020**, 2, 3717-3727	4	15
155	Realizing High Comprehensive Energy Storage and Ultrahigh Hardness in Lead-Free Ceramics. *ACS Applied Materials & Interfaces*, **2021**, 13, 28472-28483	9.5	15
154	Enhanced electrical properties and temperature stability of ZnF2-modified (K,Na)NbO3-based ceramics. *Journal of Applied Physics*, **2019**, 125, 082526	2.5	15

153	The Controllable Synthesis of Octadecahedral BiVO4 with Exposed {111} Facets. *European Journal of Inorganic Chemistry*, **2017**, 2017, 2990-2997	2.3	14
152	High unipolar strain in samarium-doped potassium□odium niobate lead-free ceramics. *RSC Advances*, **2015**, 5, 39295-39302	3.7	14
151	Fracture Behaviors and Ferroelastic Deformation in W/Cr Co-Doped Bi4Ti3O12 Ceramics. *Journal of the American Ceramic Society*, **2016**, 99, 2103-2109	3.8	14
150	Phase transition and piezoelectric properties of (1□)(K0.42Na0.58)(Nb0.96Sb0.04)O3□(Bi0.5Na0.5)0.90Mg0.10ZrO3 lead-free ceramics. *Journal of Materials Science: Materials in Electronics*, **2014**, 25, 4650-4656	2.1	14
149	Effect of New Phase Boundary on the Dielectric and Piezoelectric Properties of K0.5Na0.5NbO3-xBaZrO3- yBi0.5Na0.5TiO3Lead-free Ceramics. *Integrated Ferroelectrics*, **2012**, 139, 63-74	0.8	14
148	Effective anisotropy field in the free layer of patterned spin-valve resistors. *Journal of Applied Physics*, **2011**, 109, 103904	2.5	14
147	Compositionally Graded KNN-based Multilayer Composite with Excellent Piezoelectric Temperature Stability.. *Advanced Materials*, **2021**, e2109175	24	14
146	Properties of novel CaBi2Ta2O9-(Na0.5Bi0.5)Bi2Ta2O9 solid solution-based high Curie temperature piezoelectric ceramics. *Journal of Alloys and Compounds*, **2019**, 794, 210-217	5.7	13
145	Structural distortion, piezoelectric properties, and electric resistivity of A-site substituted Bi3TiNbO9-based high-temperature piezoceramics. *Materials Research Bulletin*, **2019**, 115, 70-79	5.1	13
144	Microstructure and electrical properties of (1□)(K0.5Na0.5)NbO3□ BiFeO3 piezoelectric ceramics. *Physica Status Solidi (A) Applications and Materials Science*, **2008**, 205, 1211-1214	1.6	13
143	Rietveld Analysis and Electrical Properties of BiInO Doped KNN-Based Ceramics. *Inorganic Chemistry*, **2019**, 58, 428-438	5.1	13
142	Investigation of new lead free (1□)KNNS□BKZH piezo-ceramics with R□□ phase boundary. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 8803-8809	2.1	12
141	Microstructure and piezoelectric properties of Li-doped Bi0.5(Na0.825K0.175)0.5TiO3 piezoelectric ceramics. *Physica Status Solidi (A) Applications and Materials Science*, **2009**, 206, 1616-1619	1.6	12
140	Piezoelectric and ferroelectric properties of [(K0.4725Na0.4725)Li0.055]NbO3□(Ag0.5Li0.5)TaO3 lead-free ceramics. *Physica Status Solidi - Rapid Research Letters*, **2007**, 1, 214-216	2.5	12
139	The piezoelectric and dielectric properties of sodium□otassium niobate ceramics with new multiphase boundary. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 18090-18098	2.1	11
138	Crystal distortion and electrical properties of Ce-doped BIT-based piezoelectric ceramics. *Journal of the American Ceramic Society*, **2019**, 102, 5432-5442	3.8	11
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136	Phase structure and electrical properties of 0.965(K0.45Na0.55)0.95Ag0.05(Nb1□ Sb x)O3□0.035Bi0.5(Na0.5Li0.5)0.5ZrO3 lead-free ceramics. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 7309-7315	2.1	11

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134	Influence of K/Na ratio on phase structure and electrical properties of 0.96 (K x Na1−) NbO3-0.04 (Bi0.5Na0.5) ZrO3 lead-free ceramics. *Journal of Electroceramics*, **2015**, 34, 142-149	1.5	11
133	Combined effects of bilayer structure and ion substitutions on bismuth ferrite thin films. *Journal of Applied Physics*, **2011**, 109, 074101	2.5	11
132	Orientation dependence of dielectric and ferroelectric properties of Pb(Zr0.8Ti0.2)O3–Pb(Zr0.2Ti0.8)O3 multilayered thin films. *Applied Physics Letters*, **2007**, 91, 192901	3.4	11
131	The orientation of (Pb,La)TiO3 thin films grown on different substrates by multi-ion-beam reactive cosputtering technique. *Ferroelectrics*, **1993**, 141, 327-333	0.6	11
130	Evolution of structural distortion and electric properties of BTN-based high-temperature piezoelectric ceramics with tungsten substitution. *Journal of Alloys and Compounds*, **2019**, 785, 475-483	5.7	10
129	New potassium–sodium niobate ternary system with large piezoelectric coefficient and high Curie temperature. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 9812-9820	2.1	10
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127	Indentation Behavior and Mechanical Properties of Tungsten/Chromium co-Doped Bismuth Titanate Ceramics Sintered at Different Temperatures. *Materials*, **2018**, 11,	3.5	10
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125	Synthesis, structural, and optical properties of core/shell ZnS:Fe/ZnS nanocrystals. *Physica Status Solidi (A) Applications and Materials Science*, **2011**, 208, 863-867	1.6	10
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119	Crystalline properties of strontium barium niobate thin films produced by pulsed-laser deposition. *Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties*, **1999**, 79, 2869-2876		10
118	Nanoscale bubble domains with polar topologies in bulk ferroelectrics. *Nature Communications*, **2021**, 12, 3632	17.4	10

117	Enhanced electrical properties and good thermal stability in K0.48Na0.52NbO3–LiNbO3–BiAlO3 lead-free piezoceramics. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 8500-8509	2.1	9
116	Effect of bilayer structure and a SrRuO3 buffer layer on ferroelectric properties of BiFeO3 thin films. *Applied Physics A: Materials Science and Processing*, **2012**, 109, 57-61	2.6	9
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113	Realizing the Intrinsic Anisotropic Growth of 1T? ReS2 on Selected Au(101) Substrate toward Large-Scale Single Crystal Fabrication. *Advanced Functional Materials*, **2021**, 31, 2102138	15.6	9
112	Solvent Free Laminated Fabrication of Lead Halide Perovskites for Sensitive and Stable X-ray Detection. *Journal of Physical Chemistry Letters*, **2021**, 12, 6961-6966	6.4	9
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109	Effect of La and Co-doping on microstructure and electrical properties of BiFeO3 thin films. *Science Bulletin*, **2014**, 59, 5205-5211		8
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