

Ke Wang

List of Publications by Year in Descending Order

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

235
papers

9,584
citations

47
h-index

92
g-index

251
ext. papers

11,348
ext. citations

6.1
avg, IF

6.46
L-index

#	Paper	IF	Citations
235	In situ combined stress- and temperature-dependent Raman spectroscopy of Li-doped (Na,K)NbO ₃ . <i>Journal of the American Ceramic Society</i> , 2022 , 105, 2735-2743	3.8	1
234	Distinctive Nb _{5d} hybridization at domain walls in orthorhombic KNbO ₃ ferroelectric perovskite. <i>Applied Physics Letters</i> , 2022 , 120, 052902	3.4	0
233	CaZrO ₃ -Mediated Structural Instability and Electrical Properties in Doped Ferroelectric (K,Na)NbO ₃ -LiTaO ₃ Films. <i>ACS Applied Electronic Materials</i> , 2022 , 4, 1250-1256	4	0
232	Concurrently enhanced mechanical properties and capacitive performance in all-organic dielectric polymer blend via phase separation. <i>Journal of Applied Physics</i> , 2022 , 131, 124101	2.5	1
231	Longitudinal Associations Between Maternal Glucose Levels and Ultrasonographic Fetal Biometrics in a Shanghai Cohort.. <i>JAMA Network Open</i> , 2022 , 5, e226407	10.4	0
230	The effect of filler permittivity on the dielectric properties of polymer-based composites. <i>Composites Science and Technology</i> , 2022 , 222, 109342	8.6	2
229	Circulating Exosomes from Mice with LPS-Induced Bone Loss Inhibit Osteoblast Differentiation.. <i>Calcified Tissue International</i> , 2022 , 1	3.9	0
228	Domain Engineering in Bulk Ferroelectric Ceramics via Mesoscopic Chemical Inhomogeneity.. <i>Advanced Science</i> , 2022 , e2200998	13.6	4
227	Electrical property and phase transition analysis of KNN-based lead-free ferroelectric films. <i>Materials Research Express</i> , 2022 , 9, 056403	1.7	
226	High Performance High-power Textured Mn/Cu-doped PIN-PMN-PT Ceramics. <i>Acta Materialia</i> , 2022 , 118015	8.4	0
225	Isolated-Oxygen-Vacancy Hardening in Lead-Free Piezoelectrics.. <i>Advanced Materials</i> , 2022 , e2202558	24	4
224	AFFIRM: Provably Forward Privacy for Searchable Encryption in Cooperative Intelligent Transportation System. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-12	6.1	1
223	Toroidal polar topology in strained ferroelectric polymer. <i>Science</i> , 2021 , 371, 1050-1056	33.3	24
222	Microcrystalline PETN Prepared Using Microfluidic Recrystallization Platform and Its Performance Characterization. <i>Propellants, Explosives, Pyrotechnics</i> , 2021 , 46, 1097-1106	1.7	0
221	A study into the spatiotemporal distribution of typhoon storm surge disasters in China. <i>Natural Hazards</i> , 2021 , 108, 1237-1256	3	3
220	Influence of growth oxygen pressure on the electrical properties and phase transformation of the epitaxial (K,Na)NbO ₃ -based lead-free ferroelectric films. <i>Journal of Applied Physics</i> , 2021 , 129, 194101	2.5	1
219	In Situ, Atomic-Resolution Observation of Lithiation and Sodiation of WS Nanoflakes: Implications for Lithium-Ion and Sodium-Ion Batteries. <i>Small</i> , 2021 , 17, e2100637	11	12

218	A New Molecular Recognition Concept: Multiple Hydrogen Bonds and Their Optically Triggered Proton Transfer in Confined Metal-Organic Frameworks for Superior Sensing Element. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 22457-22465	9.5	7
217	The origin of chemical inhomogeneity in lead-free potassium sodium niobate ceramic: Competitive chemical reaction during solid-state synthesis. <i>Acta Materialia</i> , 2021 , 211, 116833	8.4	5
216	Lithium/Sodium-Ion Batteries: In Situ, Atomic-Resolution Observation of Lithiation and Sodiation of WS ₂ Nanoflakes: Implications for Lithium-Ion and Sodium-Ion Batteries (Small 24/2021). <i>Small</i> , 2021 , 17, 2170120	11	
215	Enhanced electric-field-induced strains in (K,Na)NbO ₃ piezoelectrics from heterogeneous structures. <i>Materials Today</i> , 2021 , 46, 44-53	21.8	11
214	Flow simulation considering adsorption boundary layer based on digital rock and finite element method. <i>Petroleum Science</i> , 2021 , 18, 183-194	4.4	6
213	Defect Engineering in Lead Zirconate Titanate Ferroelectric Ceramic for Enhanced Electromechanical Transducer Efficiency. <i>Advanced Functional Materials</i> , 2021 , 31, 2005012	15.6	24
212	Inhibition of Androgen Receptor Signaling Promotes Prostate Cancer Cell Migration via Upregulation of Annexin A1 Expression. <i>Archives of Medical Research</i> , 2021 , 52, 174-181	6.6	7
211	Defect-mediated domain-wall motion and enhanced electric-field-induced strain in hot-pressed K _{0.5} Na _{0.5} NbO ₃ lead-free piezoelectric ceramics. <i>Journal of Applied Physics</i> , 2021 , 129, 024102	2.5	7
210	Hardening effect in lead-free piezoelectric ceramics. <i>Journal of Materials Research</i> , 2021 , 36, 996-1014	2.5	6
209	Electrical properties and temperature stability of CeO ₂ and MnCO ₃ co-doped Pb _{0.95} Sr _{0.05} (Mn _{1/3} Nb _{2/3}) _{0.05} (Zr _{0.48} Ti _{0.52}) _{0.95} O ₃ piezoceramics with high mechanical quality factor. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 2895-2905	2.1	3
208	Understanding spatiotemporal patterns of typhoon storm surge disasters based on their tropical cyclone track clusters in China. <i>Geomatics, Natural Hazards and Risk</i> , 2021 , 12, 2736-2754	3.6	
207	Evolution of electromechanical properties in Fe-doped (Pb,Sr)(Zr,Ti)O ₃ piezoceramics. <i>Journal of Advanced Ceramics</i> , 2021 , 10, 587-595	10.7	4
206	The combined effects of simulated microgravity and X-ray radiation on MC3T3-E1 cells and rat femurs. <i>Npj Microgravity</i> , 2021 , 7, 3	5.3	2
205	Ultrasensitive flexible magnetoelectric sensor. <i>APL Materials</i> , 2021 , 9, 021123	5.7	8
204	Simultaneously improving piezoelectric properties and temperature stability of Na _{0.5} K _{0.5} NbO ₃ (KNN)-based ceramics sintered in reducing atmosphere. <i>Journal of Advanced Ceramics</i> , 2021 , 10, 820	10.7	4
203	The mechanism of hydrating and solidifying green mine fill materials using circulating fluidized bed fly ash-slag-based agent. <i>Journal of Hazardous Materials</i> , 2021 , 415, 125625	12.8	10
202	Defect Management and Multi-Mode Optoelectronic Manipulations via Photo-Thermochromism in Smart Windows. <i>Laser and Photonics Reviews</i> , 2021 , 15, 2100211	8.3	19
201	Mechanism of the Production Impact in Shale Gas Wells Caused by Water Invasion during Interwell Interference.. <i>ACS Omega</i> , 2021 , 6, 35821-35829	3.9	0

200	Bone-targeted lncRNA OGRU alleviates unloading-induced bone loss via miR-320-3p/Hoxa10 axis. <i>Cell Death and Disease</i> , 2020 , 11, 382	9.8	10
199	Enhanced piezoelectric properties in 0.96(K0.48Na0.52)(Nb1-xTax)O3-0.04(Bi0.5Ag0.5)ZrO3 lead-free ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 9525-9534	2.1	3
198	Proteomic analysis reveals key proteins involved in arginine promotion of testicular development in boars. <i>Theriogenology</i> , 2020 , 154, 181-189	2.8	1
197	Fabrication of the transparent ferroelectric heterostructures based on KNN-based lead-free films. <i>Journal Physics D: Applied Physics</i> , 2020 , 53, 415301	3	4
196	Fine-mapping of ZDHHC2 identifies risk variants for schizophrenia in the Han Chinese population. <i>Molecular Genetics & Genomic Medicine</i> , 2020 , 8, e1190	2.3	1
195	Binding interactions between pepsin and 3,3',4,4',5-pentachlorobiphenyl. <i>Spectroscopy Letters</i> , 2020 , 53, 152-162	1.1	0
194	Targeted overexpression of the long noncoding RNA ODSM can regulate osteoblast function in vitro and in vivo. <i>Cell Death and Disease</i> , 2020 , 11, 133	9.8	17
193	Targeted silencing of miRNA-132-3p expression rescues disuse osteopenia by promoting mesenchymal stem cell osteogenic differentiation and osteogenesis in mice. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 58	8.3	15
192	Energy-storage properties of low-temperature Co-fired BNT-ST/AgPd multilayer lead-free ceramic capacitors. <i>Journal of Alloys and Compounds</i> , 2020 , 827, 154260	5.7	9
191	Influence of calcium hydroxide addition on arsenic leaching and solidification/stabilisation behaviour of metallurgical-slag-based green mining fill. <i>Journal of Hazardous Materials</i> , 2020 , 390, 122161	12.8	19
190	Determination of polarization states in (K,Na)NbO3 lead-free piezoelectric crystal. <i>Journal of Advanced Ceramics</i> , 2020 , 9, 204-209	10.7	2
189	Ultra-large electric field-induced strain in potassium sodium niobate crystals. <i>Science Advances</i> , 2020 , 6, eaay5979	14.3	35
188	Origin of high electromechanical properties in (K,Na)NbO3-based lead-free piezoelectrics modified with BaZrO3. <i>Physical Review Materials</i> , 2020 , 4,	3.2	6
187	Effect of manganese doping on ferroelectric and piezoelectric properties of KNbO3 and (K0.5Na0.5)NbO3 lead-free ceramics. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020 , 69, 127705	0.6	2
186	Grain size effect on piezoelectric performance in perovskite-based piezoceramics. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020 , 69, 217704	0.6	1
185	Practical high-performance lead-free piezoelectrics: structural flexibility beyond utilizing multiphase coexistence. <i>National Science Review</i> , 2020 , 7, 355-365	10.8	42
184	Robust Ferroelectric Properties in (K,Na)NbO-Based Lead-Free Films via a Self-Assembled Nanocomposite Approach. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 4616-4624	9.5	10
183	MiR-30 family members inhibit osteoblast differentiation by suppressing Runx2 under unloading conditions in MC3T3-E1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 522, 164-170	3.4	23

182	Stress-modulated optimization of polymorphic phase transition in Li-doped (K,Na)NbO ₃ . <i>Applied Physics Letters</i> , 2020 , 117, 032901	3.4	5
181	Effect of ZnO doping on (K,Na)NbO ₃ -based lead-free piezoceramics: Enhanced ferroelectric and piezoelectric performance. <i>Journal of Alloys and Compounds</i> , 2020 , 847, 155936	5.7	7
180	Elemental-Sulfur-Incorporated Cyclizations of Pyrrolidines Leading to Thienopyrroles. <i>Journal of Organic Chemistry</i> , 2020 , 85, 11265-11279	4.2	4
179	Warming Effort and Energy Budget Difference of Various Human Land Use Intensity: Case Study of Beijing, China. <i>Land</i> , 2020 , 9, 280	3.5	10
178	Association between obesity indicators and cardiovascular risk factors among adults in low-income Han Chinese from southwest China. <i>Medicine (United States)</i> , 2020 , 99, e20176	1.8	0
177	Investigation of high piezoelectric properties of KNNSb-Sr BNZ ceramics. <i>Journal of Alloys and Compounds</i> , 2020 , 815, 152252	5.7	16
176	Stabilization of Pickering emulsions using starch nanocrystals treated with alkaline solution. <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 273-285	7.9	16
175	First-principles calculation of influences of La-doping on electronic structures of KNN lead-free ceramics. <i>Chinese Physics B</i> , 2020 , 29, 067702	1.2	
174	The impact of chemical heterogeneity in lead-free (K, Na)NbO ₃ piezoelectric perovskite: Ferroelectric phase coexistence. <i>Acta Materialia</i> , 2019 , 166, 551-559	8.4	25
173	SAR Target Recognition Based On Variational Autoencoder 2019 ,		2
172	Long-range fluctuation of polar nanoregions in relaxor-based (1-x)Pb(Mg _{1/3} Nb _{2/3})O ₃ -xPbTiO ₃ ferroelectric single crystals. <i>Solid State Communications</i> , 2019 , 293, 1-5	1.6	1
171	Sodium storage in hard carbon with curved graphene platelets as the basic structural units. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 3327-3335	13	76
170	Technology transfer of lead-free (K, Na)NbO ₃ -based piezoelectric ceramics. <i>Materials Today</i> , 2019 , 29, 37-48	21.8	56
169	Segmental Janus nanoparticles of polymer composites. <i>Chemical Communications</i> , 2019 , 55, 8114-8117	5.8	11
168	Temperature dependent fracture toughness of KNN-based lead-free piezoelectric ceramics. <i>Acta Materialia</i> , 2019 , 174, 369-378	8.4	16
167	Effect of MnCO ₃ on the electrical properties of PZT-based piezoceramics sintered at low temperature. <i>Journal of Alloys and Compounds</i> , 2019 , 801, 27-32	5.7	9
166	Perovskite Na _{0.5} Bi _{0.5} TiO ₃ : a potential family of peculiar lead-free electrostrictors. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 13658-13670	13	33
165	Influence of trace zirconia addition on the properties of (K,Na)NbO ₃ solid solutions. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 6914-6923	7.1	18

164	(Na _{1/2} Bi _{1/2})TiO ₃ -based lead-free co-fired multilayer actuators with large strain and high fatigue resistance. <i>Journal of the American Ceramic Society</i> , 2019 , 102, 6147-6155	3.8	14
163	Domain growth dynamics in PMN-PT ferroelectric thin films. <i>Journal of Materials Science</i> , 2019 , 54, 10600-10608	4.3	8
162	Large Piezoelectric Strain in Sub-10 Nanometer Two-Dimensional Polyvinylidene Fluoride Nanoflakes. <i>ACS Nano</i> , 2019 , 13, 4496-4506	16.7	26
161	Group VB transition metal dichalcogenides for oxygen reduction reaction and strain-enhanced activity governed by p-orbital electrons of chalcogen. <i>Nano Research</i> , 2019 , 12, 925-930	10	27
160	Enhanced piezoelectricity and temperature stability in LaFeO ₃ -modified KNN-based lead-free ceramics. <i>Journal of the American Ceramic Society</i> , 2019 , 102, 6126-6136	3.8	17
159	Shape-Anisotropic Diblock Copolymer Particles with Varied Internal Structures. <i>Langmuir</i> , 2019 , 35, 3461-3469	3.469	14
158	Enhanced energy storage properties in Nb-modified Bi _{0.5} Na _{0.5} TiO ₃ /SrTiO ₃ lead-free electroceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 5780-5790	2.1	20
157	Influence of spark plasma sintering temperature on piezoelectric properties of PZT-PMnN piezoelectric ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 5691-5697	2.1	2
156	BF ₃ /Et ₂ O-Promoted Aerobic Bromination of Heteroarenes with LiBr as the Bromination Sources. <i>ChemistrySelect</i> , 2019 , 4, 8942-8945	1.8	1
155	Biodegradable Polymer Microparticles with Tunable Shapes and Surface Textures for Enhancement of Dendritic Cell Maturation. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 42734-42743	9.5	11
154	Tuning electrical properties and phase transitions through strain engineering in lead-free ferroelectric K _{0.5} Na _{0.5} NbO ₃ -LiTaO ₃ -CaZrO ₃ thin films. <i>Applied Physics Letters</i> , 2019 , 115, 202901	3.4	9
153	Giant power output in lead-free ferroelectrics by shock-induced phase transition. <i>Physical Review Materials</i> , 2019 , 3,	3.2	15
152	Dynamic Breakdown of ZnO Varistor Ceramics under Pulsed Electric Field. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2019 , 34, 715	1	
151	One dimensional lead-free (K,Na)NbO nanostructures for a flexible self-powered sensor. <i>Dalton Transactions</i> , 2019 , 48, 3984-3989	4.3	3
150	Enhanced Temperature Stability and Defect Mechanism of BNT-Based Lead-Free Piezoceramics Investigated by a Quenching Process. <i>Advanced Electronic Materials</i> , 2019 , 5, 1800756	6.4	40
149	CoFe ₂ O ₄ nanoparticles directly grown on carbon nanotube with coralline structure as anodes for lithium ion battery. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 4174-4183	2.1	8
148	Ferroelectric and piezoelectric properties of 0.82(Bi _{0.5} Na _{0.5})TiO ₃ -(0.18-x)BaTiO ₃ -x(Bi _{0.5} Na _{0.5})(Mn ^{1/3} Nb ^{2/3})O ₃ lead-free ceramics. <i>Journal of Alloys and Compounds</i> , 2019 , 774, 948-953	5.7	13
147	Au Nanocage-Strengthened Dissolving Microneedles for Chemo-Photothermal Combined Therapy of Superficial Skin Tumors. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 9247-9256	9.5	85

146	Degradation of KNN-Based Lead-Free Piezoelectric Material Under Gamma Irradiation. <i>IEEE Transactions on Nuclear Science</i> , 2018 , 65, 1964-1968	1.7	2
145	Requirements for the transfer of lead-free piezoceramics into application. <i>Journal of Materiomics</i> , 2018 , 4, 13-26	6.7	121
144	Defect suppression in CaZrO ₃ -modified (K, Na)NbO ₃ -based lead-free piezoceramic by sintering atmosphere control. <i>Journal of the American Ceramic Society</i> , 2018 , 101, 3393-3401	3.8	21
143	Large strain and temperature-insensitive piezoelectric effect in high-temperature piezoelectric ceramics. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 456-463	7.1	25
142	Niobate-based lead-free piezoceramics: a diffused phase transition boundary leading to temperature-insensitive high piezoelectric voltage coefficients. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 1116-1125	7.1	58
141	Responsive Photonic Hydrogel-Based Colorimetric Sensors for Detection of Aldehydes in Aqueous Solution. <i>Langmuir</i> , 2018 , 34, 3987-3992	4	35
140	Simultaneously achieved temperature-insensitive high energy density and efficiency in domain engineered BaTiO ₃ -Bi(Mg _{0.5} Zr _{0.5})O ₃ lead-free relaxor ferroelectrics. <i>Nano Energy</i> , 2018 , 52, 203-210	17.1	234
139	High-Performance 0-3 Type Niobate-Based Lead-Free Piezoelectric Composite Ceramics with ZnO Inclusions. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 30566-30573	9.5	24
138	Shifting the phase boundary: Potassium sodium niobate derivatives. <i>MRS Bulletin</i> , 2018 , 43, 607-611	3.2	54
137	Preparation and characterization of Pb(Lu _{1/2} Nb _{1/2})O ₃ Bb(In _{1/2} Nb _{1/2})O ₃ BbTiO ₃ ternary ferroelectric ceramics with high phase transition temperatures. <i>Journal of the American Ceramic Society</i> , 2018 , 101, 5514-5523	3.8	2
136	Fat-to-muscle Ratio: A New Anthropometric Indicator for Predicting Metabolic Syndrome in the Han and Bouyei Populations from Guizhou Province, China. <i>Biomedical and Environmental Sciences</i> , 2018 , 31, 261-271	1.1	6
135	Cubic Cu ₂ O/Cu ₂ S Particles with a Unique Truncated Edge Structure Anchoring on Reduced Graphene Oxide as An Enhanced Anode Material for Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2018 , 5, 630-636	4.3	21
134	Risk factors for renal involvement and severe kidney disease in 2731 Chinese children with Henoch-Schönlein purpura: A retrospective study. <i>Medicine (United States)</i> , 2018 , 97, e12520	1.8	17
133	Significantly improved piezoelectric performance of PZT-PMnN ceramics prepared by spark plasma sintering.. <i>RSC Advances</i> , 2018 , 8, 35594-35599	3.7	8
132	Practical high strain with superior temperature stability in lead-free piezoceramics through domain engineering. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 23736-23745	13	34
131	High-performance lead-free piezoelectrics with local structural heterogeneity. <i>Energy and Environmental Science</i> , 2018 , 11, 3531-3539	35.4	102
130	Temperature independence of piezoelectric properties for high-performance BiFeO ₃ -BaTiO ₃ lead-free piezoelectric ceramics up to 300 °C.. <i>RSC Advances</i> , 2018 , 8, 35794-35801	3.7	25
129	Refreshing Piezoelectrics: Distinctive Role of Manganese in Lead-Free Perovskites. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 37298-37306	9.5	25

128	MicroRNA-139-3p regulates osteoblast differentiation and apoptosis by targeting ELK1 and interacting with long noncoding RNA ODSM. <i>Cell Death and Disease</i> , 2018 , 9, 1107	9.8	45
127	DMSO-Promoted Metal-Free Aerobic Oxidation of Heterobenzylic Methylene to Prepare N-Heterocyclic Ketones. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 2459-2463	3	6
126	Abnormal grain growth in (K, Na)NbO ₃ -based lead-free piezoceramic powders. <i>Journal of the American Ceramic Society</i> , 2018 , 102, 836	3.8	2
125	Simultaneous enhancement of piezoelectricity and temperature stability in (K,Na)NbO ₃ -based lead-free piezoceramics by incorporating perovskite zirconates. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 10618-10627	7.1	31
124	Temperature-insensitive electric-field-induced strain and enhanced piezoelectric properties of textured (K,Na)NbO ₃ -based lead-free piezoceramics. <i>Acta Materialia</i> , 2018 , 156, 389-398	8.4	56
123	Large strain of lead-free bismuth ferrite ternary ceramics at elevated temperature. <i>Scripta Materialia</i> , 2018 , 155, 11-15	5.6	36
122	The structural origin of enhanced piezoelectric performance and stability in lead free ceramics. <i>Energy and Environmental Science</i> , 2017 , 10, 528-537	35.4	305
121	Forced electrostriction by constraining polarization switching enhances the electromechanical strain properties of incipient piezoceramics. <i>NPG Asia Materials</i> , 2017 , 9, e346-e346	10.3	36
120	Novel process combining anaerobic-aerobic digestion and ion exchange resin for full recycling of cassava stillage in ethanol fermentation. <i>Waste Management</i> , 2017 , 62, 241-246	8.6	10
119	High and Temperature-Insensitive Piezoelectric Strain in Alkali Niobate Lead-free Perovskite. <i>Journal of the American Chemical Society</i> , 2017 , 139, 3889-3895	16.4	245
118	High Q _m values and humidity effect on the electrical properties of (K, Na)NbO ₃ lead-free piezoceramics doped with B ₂ O ₃ /CuO mixed oxides. <i>Journal of the American Ceramic Society</i> , 2017 , 100, 1561-1569	3.8	15
117	High-expressing cystic fibrosis transmembrane conductance regulator interacts with histone deacetylase 2 to promote the development of Ph ⁺ leukemia through the HDAC2-mediated PTEN pathway. <i>Leukemia Research</i> , 2017 , 57, 9-19	2.7	6
116	Electromechanical properties of CaZrO ₃ modified (K,Na)NbO ₃ -based lead-free piezoceramics under uniaxial stress conditions. <i>Journal of the American Ceramic Society</i> , 2017 , 100, 2116-2122	3.8	23
115	Sperm gamma-aminobutyric acid type A receptor delta subunit (GABRD) and its interaction with purinergic P2X receptors in progesterone-induced acrosome reaction and male fertility. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 2060-2072	1.8	2
114	Leakage current characteristics and Sm/Ti doping effect in BiFeO ₃ thin films on silicon wafers. <i>Journal of Applied Physics</i> , 2017 , 121, 064101	2.5	45
113	Identifying phase transition behavior in Bi _{1/2} Na _{1/2} TiO ₃ -BaTiO ₃ single crystals by piezoresponse force microscopy. <i>Journal of Applied Physics</i> , 2017 , 121, 174103	2.5	19
112	Synthesis of Hollow SnO ₂ /SnS ₂ Hybrids and their Application in Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2017 , 4, 2308-2313	4.3	20
111	Domain growth dynamics in (K, Na)NbO ₃ ferroelectric thin films. <i>Ceramics International</i> , 2017 , 43, 9538-9542	8	8

110	Regulation of Drug Release by Tuning Surface Textures of Biodegradable Polymer Microparticles. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 14391-14400	9.5	52
109	Poling engineering of (K,Na)NbO ₃ -based lead-free piezoceramics with orthorhombic-tetragonal coexisting phases. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 549-556	7.1	55
108	Piezoelectrics: Monoclinic (K,Na)NbO ₃ Ferroelectric Phase in Epitaxial Films (Adv. Electron. Mater. 10/2017). <i>Advanced Electronic Materials</i> , 2017 , 3,	6.4	1
107	The association between smoking and blood pressure in men: a cross-sectional study. <i>BMC Public Health</i> , 2017 , 17, 797	4.1	48
106	Temperature-Insensitive Piezoelectric Performance in Pb(ZrTiSnNb)O Ceramics Prepared by Spark Plasma Sintering. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 34078-34084	9.5	13
105	Monoclinic (K,Na)NbO ₃ Ferroelectric Phase in Epitaxial Films. <i>Advanced Electronic Materials</i> , 2017 , 3, 1700226	6.4	13
104	Room-Temperature Multiferroics and Thermal Conductivity of 0.85BiFeTiMgO-0.15CaTiO Epitaxial Thin Films (x = 0.1 and 0.2). <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 25397-25403	9.5	3
103	Low-temperature sintered Bi _{0.5} Na _{0.5} TiO ₃ -SrTiO ₃ incipient piezoceramics and the co-fired multilayer piezoactuator thereof. <i>Journal of the European Ceramic Society</i> , 2017 , 37, 4617-4623	6	21
102	Fabrication of convex lens-shaped polymer particles by tuning the interfacial interaction. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 507-511	7.8	18
101	Thermally stable piezoelectric properties of (K, Na)NbO ₃ -based lead-free perovskite with rhombohedral-tetragonal coexisting phase. <i>Acta Materialia</i> , 2017 , 122, 344-351	8.4	126
100	Association of prehypertension and cardiovascular risk factor clustering in Inner Mongolia: a cross-sectional study. <i>BMJ Open</i> , 2017 , 7, e015340	3	12
99	(K,Na)NbO ₃ -based Lead-free Piezoelectric Materials: An Encounter with Scanning Probe Microscopy. <i>Journal of the Korean Ceramic Society</i> , 2017 , 54, 261-271	2.2	21
98	Bimodal distribution of fasting plasma glucose in the Uyghur and Han populations of Xinjiang, China. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2017 , 26, 708-712	1	0
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