

# Zuo-Guang Ye

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8319799/publications.pdf>

Version: 2024-02-01

387  
papers

16,751  
citations

20036

63  
h-index

23173

116  
g-index

398  
all docs

398  
docs citations

398  
times ranked

9741  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliable Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> based phase-change electronic synapses using carbon doping and programmed pulses. <i>Journal of Materiomics</i> , 2022, 8, 382-391.	2.8	7
2	Structure and properties of Bi(Zn <sup>1/2</sup> Ti <sup>1/2</sup> )O <sub>3</sub> modified Pb(Zr,Ti)O <sub>3</sub> piezo-ferroelectric ceramics around the ternary morphotropic phase boundary. <i>Journal of the American Ceramic Society</i> , 2022, 105, 1450-1458.	1.9	6
3	High Curie temperature bismuth-based piezo-/ferroelectric single crystals of complex perovskite structure: recent progress and perspectives. <i>CrystEngComm</i> , 2022, 24, 220-230.	1.3	13
4	Achieving Large Switchable Polarization and Enhanced Piezoelectric Response in BiFeO <sub>3</sub> -PbTiO <sub>3</sub> Solid Solution Ceramics. <i>Advanced Electronic Materials</i> , 2022, 8, 2100883.	2.6	12
5	Effects of Composition Segregation in PMN-PT Crystals on Ultrasound Transducer Performance. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2022, 69, 795-802.	1.7	4
6	Growth, Structure, and characterization of new High-TC Piezo-/Ferroelectric Bi(Zn <sub>2/3</sub> Ta <sub>1/3</sub> )O <sub>3</sub> -PbTiO <sub>3</sub> single crystals. <i>Journal of Crystal Growth</i> , 2022, 580, 126473.	0.7	2
7	Softening of antiferroelectric order in a novel PbZrO <sub>3</sub> -based solid solution for energy storage. <i>Journal of the European Ceramic Society</i> , 2022, 42, 1370-1379.	2.8	7
8	Self-Assembled Epitaxial Ferroelectric Oxide Nanospring with Super-Scalability. <i>Advanced Materials</i> , 2022, 34, e2108419.	11.1	11
9	Piezoelectric and ferroelectric materials: Fundamentals, recent progress, and applications. , 2022, , .		2
10	Revealing the role of the constant phase element in relaxor ferroelectrics. <i>Communications Physics</i> , 2022, 5, .	2.0	10
11	High energy storage capacity, heterogeneous domain structure and stabilization of intermediate phase in PbZrO <sub>3</sub> -based antiferroelectric single crystals. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6762-6769.	2.7	3
12	Strain-Induced Magnetoelectric Coupling in Fe <sub>3</sub> O <sub>4</sub> /BaTiO <sub>3</sub> Nanopillar Composites. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 13925-13931.	4.0	10
13	Self-Assembled Epitaxial Ferroelectric Oxide Nanospring with Super-Scalability ( <i>Adv. Mater.</i> 13/2022). <i>Advanced Materials</i> , 2022, 34, .	11.1	0
14	Interfacial and microstructural changes of the Al <sub>2</sub> O <sub>3</sub> /ZnO multilayer films induced by in-situ growth and post-annealing temperatures. <i>Materials Chemistry and Physics</i> , 2022, 287, 126272.	2.0	4
15	Highly heterogeneous epitaxy of flexoelectric BaTiO <sub>3</sub> - $\delta$ membrane on Ge. <i>Nature Communications</i> , 2022, 13, .	5.8	22
16	Recent progress in bismuth-based high Curie temperature piezo-/ferroelectric perovskites for electromechanical transduction applications. <i>Current Opinion in Solid State and Materials Science</i> , 2022, 26, 101016.	5.6	26
17	Evolution of Relaxor Behavior in Multiferroic Pb(Fe <sub>2/3</sub> W <sub>1/3</sub> )O <sub>3</sub> -BiFeO <sub>3</sub> Solid Solution of Complex Perovskite Structure. <i>Journal of the European Ceramic Society</i> , 2021, 41, 310-318.	2.8	8
18	Room-temperature synthesis, growth mechanisms and opto-electronic properties of organic-inorganic halide perovskite CH <sub>3</sub> NH <sub>3</sub> PbX <sub>3</sub> (X = I, Br, and Cl) <i>ETQq0000 rgBT/Overlock</i>		

#	ARTICLE	IF	CITATIONS
19	Ferroelastic domains and phase transitions in organic-inorganic hybrid perovskite $\text{CH}_3\text{NH}_3\text{PbBr}_3$ . Journal of Materials Chemistry C, 2021, 9, 3096-3107.	2.7	14
20	Compositional ordering in relaxor ferroelectric $\text{Pb}(\text{Bi}_{1-x}\text{Ba}_x)_2\text{O}_3$ : Nearest neighbor approach. Physical Review B, 2021, 103, .	1.1	4
21	Evolution of mesoscopic domain structure and macroscopic properties in lead-free $\text{Bi}_0.5\text{Na}_0.5\text{TiO}_3$ - $\text{BaTiO}_3$ ferroelectric ceramics. Journal of Applied Physics, 2021, 129, .	1.1	23
22	Multiple structural components and their competition in the intermediate state of antiferroelectric $\text{Pb}(\text{Bi}_{1-x}\text{Zr}_x)_2\text{O}_3$ . Physical Review B, 2021, 103, .	1.1	23
23	Influence of core-shell structured conductive fillers on the electromechanical properties of ferroelectric nanocomposites. Journal of Materials Science, 2021, 56, 9157-9170.	1.7	6
24	Ferroelastic domain hierarchy in the intermediate state of $\text{PbZr}_{0.98}\text{Ti}_{0.02}\text{O}_3$ single crystal. APL Materials, 2021, 9, .	2.2	9
25	Phase Change Random Access Memory for Neuro-Inspired Computing. Advanced Electronic Materials, 2021, 7, 2001241.	2.6	29
26	Multiscale Domain Structures and Ferroic Properties of Dy-Modified $\text{BiFeO}_3$ - $\text{PbTiO}_3$ Single Crystals. Crystal Growth and Design, 2021, 21, 3082-3092.	1.4	5
27	Exotic optoelectronic behaviors in $\text{CH}_3\text{NH}_3\text{PbCl}_3$ perovskite single crystals: Co-existence of free and bound excitons with structural phase transitions. Applied Physics Letters, 2021, 118, 143301.	1.5	5
28	Evolution of magnetic order in multiferroic $\text{Pb}(\text{Fe}_{2/3}\text{W}_{1/3})\text{O}_3$ - $\text{BiFeO}_3$ solid solution. Journal of the American Ceramic Society, 2021, 104, 4585-4593.	1.9	0
29	Lead-Free KNN-Based Textured Ceramics for High-Frequency Ultrasonic Transducer Application. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 1979-1987.	1.7	22
30	Hybrid System Combining Two-Dimensional Materials and Ferroelectrics and Its Application in Photodetection. ACS Nano, 2021, 15, 10982-11013.	7.3	52
31	Ferroelectric phase-transition frustration near a tricritical composition point. Nature Communications, 2021, 12, 5322.	5.8	18
32	Design and fabrication of flexible strain sensor based on ZnO-decorated PVDF via atomic layer deposition. Applied Surface Science, 2021, 562, 150126.	3.1	16
33	Oxygen vacancy induced phase and conductivity transition of epitaxial $\text{BaTiO}_3$ films directly grown on Ge (001) without surface passivation. Journal of Applied Physics, 2021, 129, 045302.	1.1	1
34	Oxygen-vacancy-controlled magnetic properties with magnetic pole inversion in $\text{BiFeO}_3$ -based multiferroics. Journal of the American Ceramic Society, 2020, 103, 1097-1104.	1.9	15
35	Polymer Matrix Nanocomposites with 1D Ceramic Nanofillers for Energy Storage Capacitor Applications. ACS Applied Materials & Interfaces, 2020, 12, 1-37.	4.0	163
36	Local Structure Analysis around Ti in Lead Zirconate Titanate by X-Ray Fluorescence Holography. Physica Status Solidi (B): Basic Research, 2020, 257, 2000191.	0.7	4

#	ARTICLE	IF	CITATIONS
37	Toward a Reliable Synaptic Simulation Using Al-Doped HfO <sub>2</sub> RRAM. ACS Applied Materials & Interfaces, 2020, 12, 10648-10656.	4.0	80
38	Recent Progress in Relaxor Ferroelectrics with Perovskite Structure. , 2020, , 105-164.		8
39	Atomic layer deposition of void-free ZnFe <sub>2</sub> O <sub>4</sub> thin films and their magnetic properties. Thin Solid Films, 2020, 709, 138206.	0.8	5
40	Periodic Wrinkle-Patterned Single-Crystalline Ferroelectric Oxide Membranes with Enhanced Piezoelectricity. Advanced Materials, 2020, 32, e2004477.	11.1	47
41	Evidence for Goldstone-like and Higgs-like structural modes in the model $PbMgO_3$ relaxor ferroelectric. Physical Review B, 2020, 102, .	1.1	5
42	Structure of Pb(Fe <sub>2/3</sub> W <sub>1/3</sub> )O <sub>3</sub> single crystals with partial cation order. Scientific Reports, 2020, 10, 14567.	1.6	5
43	1000 at 1000: relaxor ferroelectrics undergoing accelerated growth. Journal of Materials Science, 2020, 55, 16451-16454.	1.7	2
44	Phase transition enhanced superior elasticity in freestanding single-crystalline multiferroic BiFeO <sub>3</sub> membranes. Science Advances, 2020, 6, .	4.7	73
45	Coexistence of relaxor behavior and ferromagnetic order in multiferroic Pb(Fe <sub>0.5</sub> Nb <sub>0.5</sub> )O <sub>3</sub> –BiFeO <sub>3</sub> solid solution. Journal of Materials Chemistry C, 2020, 8, 13306-13318.	2.7	5
46	The Effect of Intensity Fluctuations on Sequential X-ray Photon Correlation Spectroscopy at the X-ray Free Electron Laser Facilities. Crystals, 2020, 10, 1109.	1.0	3
47	A review on the development of lead-free ferroelectric energy-storage ceramics and multilayer capacitors. Journal of Materials Chemistry C, 2020, 8, 16648-16667.	2.7	184
48	Growth and characterization of ternary BiScO <sub>3</sub> –Pb(Cd <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> –PbTiO <sub>3</sub> ferroelectric single crystals with high Curie temperature. CrystEngComm, 2020, 22, 4544-4551.	1.3	4
49	Charge effects in donor-doped perovskite ferroelectrics. Journal of the American Ceramic Society, 2020, 103, 5392-5399.	1.9	17
50	Ferroelasticity, domain structures and phase symmetries in organic–inorganic hybrid perovskite methylammonium lead chloride. Journal of Materials Chemistry C, 2020, 8, 9625-9631.	2.7	16
51	Low-damping flexible Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> thin films for tunable RF/microwave processors. Materials Horizons, 2020, 7, 1558-1565.	6.4	16
52	Effects of antiferroelectric substitution on the structure and ferroelectric properties of a complex perovskite solid solution. Journal of Materials Chemistry C, 2020, 8, 5795-5806.	2.7	11
53	Toward van der Waals epitaxy of transferable ferroelectric barium titanate films <i>via</i> a graphene monolayer. Journal of Materials Chemistry C, 2020, 8, 3445-3451.	2.7	9
54	Reliable resistive switching of epitaxial single crystalline cubic Y-HfO <sub>2</sub> RRAMs with Si as bottom electrodes. Nanotechnology, 2020, 31, 205203.	1.3	10

#	ARTICLE	IF	CITATIONS
55	T* of Relaxor Ferroelectric (1-x)Pb(Zn <sup>1/3</sup> Nb <sup>2/3</sup> )O <sub>3</sub> -xPbTiO <sub>3</sub> Single Crystals Revisited Using Brillouin Spectroscopy. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 1900987.	0.8	2
56	Brillouin scattering studies of ordered Pb(Sc <sup>1/2</sup> Nb <sup>1/2</sup> )O <sub>3</sub> crystal with vacancies. Ferroelectrics, 2020, 556, 44-50.	0.3	0
57	Application study of Mn-doped PIN-PMN-PT relaxor ferroelectric crystal grown by Vertical Gradient Freeze method. Ferroelectrics, 2020, 557, 9-17.	0.3	9
58	Raman Scattering Studies of the Structural Phase Transitions in Single-Crystalline CH <sub>3</sub> NH <sub>3</sub> PbCl <sub>3</sub> . Journal of Physical Chemistry Letters, 2020, 11, 3773-3781.	2.1	18
59	Meso- to nano-scopic domain structures in high Curie-temperature piezoelectric BiScO <sub>3</sub> -PbTiO <sub>3</sub> single crystals of complex perovskite structure. Journal of Materials Chemistry C, 2020, 8, 7234-7243.	2.7	7
60	New method to measure domain-wall motion contribution to piezoelectricity: the case of PbZr <sub>0.65</sub> Ti <sub>0.35</sub> O <sub>3</sub> ferroelectric. Journal of Applied Crystallography, 2020, 53, 1039-1050.	1.9	8
61	A decade of development in advanced dielectrics research from JAD™s perspectives. Journal of Advanced Dielectrics, 2020, 10, 2001001.	1.5	0
62	Flexible Ferroelectrics: Periodic Wrinkle-Patterned Single-Crystalline Ferroelectric Oxide Membranes with Enhanced Piezoelectricity (Adv. Mater. 50/2020). Advanced Materials, 2020, 32, 2070377.	11.1	0
63	Polar domain structural evolution under electric field and temperature in the (Bi <sub>0.5</sub> Na <sub>0.5</sub> )TiO <sub>3</sub> -0.06BaTiO <sub>3</sub> piezoceramics. Journal of the American Ceramic Society, 2019, 102, 437-447.	1.9	30
64	Synthesis, structure, and dielectric properties of a new binary antiferroelectric solid solution: (1-x)Pb(Mg <sup>1/2</sup> W <sup>1/2</sup> )O <sub>3</sub> -xPbHfO <sub>3</sub> . Journal of the American Ceramic Society, 2019, 102, 1329-1337.	1.9	3
65	Room temperature ferrimagnetism in Yb-doped relaxor ferroelectric PbFe <sub>2/3</sub> W <sub>1/3</sub> O <sub>3</sub> . Applied Physics Letters, 2019, 115, 072902.	1.5	7
66	Interface and Doping Engineering of HfO <sub>2</sub> Based Multi-Level RRAM: Towards Synaptic Simulation for Neuromorphic Computation. , 2019, , .		0
67	Super-elastic ferroelectric single-crystal membrane with continuous electric dipole rotation. Science, 2019, 366, 475-479.	6.0	272
68	Enhanced energy-storage performance with excellent stability under low electric fields in BNT-ST relaxor ferroelectric ceramics. Journal of Materials Chemistry C, 2019, 7, 281-288.	2.7	324
69	The magnetoelectric effect in a cubic ferrimagnetic spinel LiFe <sub>5</sub> O <sub>8</sub> with high coupling temperature. Journal of Materials Chemistry C, 2019, 7, 1999-2004.	2.7	14
70	Giant Piezoelectricity of Ternary Perovskite Ceramics at High Temperatures. Advanced Functional Materials, 2019, 29, 1807920.	7.8	50
71	Chemically engineered multiferroic morphotropic phase boundary in BiFeO <sub>3</sub> -based single phase multiferroics. Journal of Applied Physics, 2019, 125, .	1.1	10
72	New Antiferroelectric Perovskite System with Ultrahigh Energy-Storage Performance at Low Electric Field. Chemistry of Materials, 2019, 31, 979-990.	3.2	108

#	ARTICLE	IF	CITATIONS
73	Coherent X-ray Diffraction and Electron Microscopy of Individual Nanocrystals on $\ln$ Nanocrystals on $\ln$ . ACS Applied Materials & Interfaces, 2019, 11, 21727-21733.	1.5	2
74	Low-Voltage-Manipulating Spin Dynamics of Flexible $\text{Fe}_3\text{O}_4$ Films through Ionic Gel Gating for Wearable Devices. ACS Applied Materials & Interfaces, 2019, 11, 21727-21733.	4.0	17
75	Structure and properties of novel antiferroelectric $\text{PbHfO}_3$ - $\text{Pb}(\text{Mg}_{1/2}\text{W}_{1/2})\text{O}_3$ single crystals grown from high-temperature solution. Smart Materials and Structures, 2019, 28, 054004.	1.8	2
76	Quantitative studies of domain evolution in tetragonal $\text{BaTiO}_3$ ceramics in electric poling and thermal depoling processes. Journal of Materials Chemistry C, 2019, 7, 4517-4526.	2.7	10
77	Localized polarons and conductive charge carriers: Understanding $\text{CaCu}_3\text{O}_{12}$ over a broad temperature range. Physical Review B, 2019, 99, .	1.1	44
78	Interface-engineered reliable $\text{HfO}_2$ -based RRAM for synaptic simulation. Journal of Materials Chemistry C, 2019, 7, 12682-12687.	2.7	60
79	Effect of temperature on local structure of $\text{Pb}(\text{Zr}_{0.58}\text{Ti}_{0.42})\text{O}_3$ single crystal. Ferroelectrics, 2019, 552, 186-191.	0.3	0
80	Chemical ordering and relaxor properties in a novel solid solution of $(1-x)\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $x\text{Pb}(\text{Cd}_{1/3}\text{Nb}_{2/3})\text{O}_3$ . Ferroelectrics, 2019, 553, 14-25.	0.3	0
81	Ionic Modulation of Interfacial Magnetism in Light Metal/Ferromagnetic Insulator Layered Nanostructures. Advanced Functional Materials, 2019, 29, 1805592.	7.8	12
82	Tuning the Magnetic Anisotropy of $\text{Fe}_3\text{O}_4/\text{Pt}$ Heterostructures Fabricated by Atomic Layer Deposition With $\ln$ and $\text{Mg}$ . IEEE Transactions on Magnetics, 2019, 55, 1-7.	1.2	2
83	<i>Operando</i> diagnostic detection of interfacial oxygen $\text{O}_2$ of resistive random access memory by bulk-sensitive hard X-ray photoelectron spectroscopy. Materials Research Letters, 2019, 7, 117-123.	4.1	19
84	Common acoustic phonon lifetimes in inorganic and hybrid lead halide perovskites. Physical Review Materials, 2019, 3, .	0.9	23
85	Decoupled molecular and inorganic framework dynamics in $\text{CH}_3\text{COO}$ . Physical Review Materials, 2019, 3, .	0.3	0
86	Common acoustic phonon lifetimes in inorganic and hybrid lead halide perovskites. Physical Review Materials, 2019, 3, .	0.9	0
87	Large Piezoelectric Strain with Superior Thermal Stability and Excellent Fatigue Resistance of Lead-Free Potassium Sodium Niobate-Based Grain Orientation-Controlled Ceramics. ACS Applied Materials & Interfaces, 2018, 10, 10220-10226.	4.0	51
88	A new kind of thermocouple made of p-type and n-type semi-conductive oxides with giant thermoelectric voltage for high temperature sensing. Journal of Materials Chemistry C, 2018, 6, 3206-3211.	2.7	23
89	Thermal Driven Giant Spin Dynamics at Three-Dimensional Heteroepitaxial Interface in $\text{Ni}_{0.5}\text{Zn}_{0.5}\text{Fe}_2\text{O}_4/\text{BaTiO}_3$ -Pillar Nanocomposites. ACS Nano, 2018, 12, 3751-3758.	7.3	27
90	Strong Anisotropy and Ultralow Percolation Threshold in Multiscale Composites Modified by Carbon Nanotubes Coated Hollow Glass Fiber. Advanced Engineering Materials, 2018, 20, 1800077.	1.6	2

#	ARTICLE	IF	CITATIONS
91	High-temperature solution growth and characterization of $(1-x)\text{PbTiO}_3\text{-}x\text{Bi}(\text{Zn}_{2/3}\text{Nb}_{1/3})\text{O}_3$ piezo-/ferroelectric single crystals. <i>Journal of Crystal Growth</i> , 2018, 486, 38-44.	0.7	5
92	Complex morphotropic phase transformations and high piezoelectric properties in new ternary perovskite single crystals. <i>Acta Materialia</i> , 2018, 149, 132-141.	3.8	7
93	An ethylene glycol-based new sol-gel route to multiferroic $(1-x)\text{LaCrO}_3\text{-}x\text{BiCrO}_3$ solid solution. <i>Canadian Journal of Chemistry</i> , 2018, 96, 255-259.	0.6	2
94	Voltage-Tuned Transport Properties and Ferromagnetic Resonance in Lanthanum-Strontium-Manganite/Lead-Magnesium-Niobate-Lead-Titanate Multiferroic Heterostructures. <i>IEEE Magnetics Letters</i> , 2018, 9, 1-5.	0.6	2
95	Machine learning-enabled identification of material phase transitions based on experimental data: Exploring collective dynamics in ferroelectric relaxors. <i>Science Advances</i> , 2018, 4, eaap8672.	4.7	54
96	Pressure-induced transitions in ferroelectric single-crystal $\text{PbZr}_{0.54}\text{Ti}_{0.46}\text{O}_3$ . <i>Ferroelectrics</i> , 2018, 535, 106-113.	0.3	0
97	SFU Chemistry 1965-2016. <i>Canadian Journal of Chemistry</i> , 2018, 96, v-ix.	0.6	0
98	Synthesis, structure and electric properties of a novel solid solution system: $(1-x)\text{Pb}(\text{Zr}_{0.52}\text{Ti}_{0.48})\text{O}_3\text{-}x\text{Bi}(\text{Zn}_{2/3}\text{Nb}_{1/3})\text{O}_3$ . <i>Ferroelectrics</i> , 2018, 533, 183-191.	0.3	0
99	Synthesis, structure, dielectric properties and relaxor behavior of a novel solid solution $(1-x)\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-}x\text{Bi}(\text{Zn}_{2/3}\text{Nb}_{1/3})\text{O}_3$ . <i>Ferroelectrics</i> , 2018, 534, 42-49.	0.3	0
100	Synthesis and structural characterization of a novel perovskite solid solution $(1-x)\text{PbTiO}_3\text{-}x\text{Bi}(\text{Zn}_{2/3}\text{Ta}_{1/3})\text{O}_3$ . <i>Ferroelectrics</i> , 2018, 534, 56-62.	0.3	1
101	Magnetic properties of multiferroic $(1-x)\text{PbTiO}_3\text{-}x\text{DyFeO}_3$ system. <i>Ferroelectrics</i> , 2018, 534, 206-211.	0.3	0
102	Spintronics: Ionic Modulation of the Interfacial Magnetism in a Bilayer System Comprising a Heavy Metal and a Magnetic Insulator for Voltage-Tunable Spintronic Devices ( <i>Adv. Mater.</i> 40/2018). <i>Advanced Materials</i> , 2018, 30, 1870302.	11.1	0
103	Impact of quenched random fields on the ferroelectric-to-relaxor crossover in the solid solution $(1-x)\text{BaTiO}_3\text{-}x\text{DyFeO}_3$ . <i>Physical Review B</i> , 2018, 98, .	1.1	10
104	Structural Evolution in Morphotropic Lead Zirconate Titanate. , 2018, , .		0
105	Enhanced $\text{La}_{0.8}\text{Sr}_{0.2}\text{CrO}_3/\text{Pt}$ thin film thermocouple with $\text{Al}_2\text{O}_3$ coating layer for high temperature sensing. <i>Ceramics International</i> , 2018, 44, S233-S237.	2.3	10
106	Probing the intrinsic and extrinsic origins of piezoelectricity in lead zirconate titanate single crystals. <i>Journal of Applied Crystallography</i> , 2018, 51, 1396-1403.	1.9	14
107	Micro-/nanodomains and their switching in a high Curie-temperature ferroelectric single crystal of $\text{Bi}(\text{Zn}_{2/3}\text{Nb}_{1/3})\text{O}_3\text{-PbTiO}_3$ . <i>Ceramics International</i> , 2018, 44, S189-S194.	2.3	7
108	Superior room-temperature magnetic field-dependent magnetoelectric effect in $\text{BiFeO}_3$ -based multiferroic. <i>Journal of Alloys and Compounds</i> , 2018, 762, 184-189.	2.8	19

#	ARTICLE	IF	CITATIONS
109	Ionic Liquid Gating Control of Spin Reorientation Transition and Switching of Perpendicular Magnetic Anisotropy. <i>Advanced Materials</i> , 2018, 30, e1801639.	11.1	47
110	Effect of hierarchical structure on electrical properties and percolation behavior of multiscale composites modified by carbon nanotube coating. <i>Composites Science and Technology</i> , 2018, 164, 160-167.	3.8	10
111	The relation of local order to material properties in relaxor ferroelectrics. <i>Nature Materials</i> , 2018, 17, 718-724.	13.3	113
112	Self-Polarization in Epitaxial Fully Matched Lead-Free Bismuth Sodium Titanate Based Ferroelectric Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 23945-23951.	4.0	14
113	Ferroelectric domain wall dynamics characterized with X-ray photon correlation spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6680-E6689.	3.3	15
114	Single Crystal Growth and Hierarchical Ferroelectric Domain Structure of $(1-x)\text{BiFeO}_3-x\text{PbTiO}_3$ Solid Solutions. <i>Crystal Growth and Design</i> , 2018, 18, 4503-4510.	1.4	10
115	Complex morphotropic domain structure and ferroelectric properties in high- $T_C$ single crystals of a ternary perovskite solid solution. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9216-9223.	2.7	7
116	Magnetic Anisotropy: Ionic Liquid Gating Control of Spin Reorientation Transition and Switching of Perpendicular Magnetic Anisotropy (Adv. Mater. 30/2018). <i>Advanced Materials</i> , 2018, 30, 1870223.	11.1	1
117	Local structures and temperature-driven polarization rotation in Zr-rich $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$ . <i>Applied Physics Letters</i> , 2018, 113, .	1.5	3
118	A Highly Thermostable $\text{In}_2\text{O}_3/\text{ITO}$ Thin Film Thermocouple Prepared via Screen Printing for High Temperature Measurements. <i>Sensors</i> , 2018, 18, 958.	2.1	40
119	Facile high-performance film thermocouple made of strontium lanthanum chromate for temperature sensing in air. <i>Journal of the American Ceramic Society</i> , 2018, 101, 4880-4886.	1.9	6
120	Fabrication and characterization of $\text{La}_{0.8}\text{Sr}_{0.2}\text{CrO}_3/\text{In}_2\text{O}_3$ thin film thermocouple for high temperature sensing. <i>Sensors and Actuators A: Physical</i> , 2018, 280, 459-465.	2.0	8
121	Low voltage induced reversible magnetoelectric coupling in $\text{Fe}_3\text{O}_4$ thin films for voltage tunable spintronic devices. <i>Materials Horizons</i> , 2018, 5, 991-999.	6.4	23
122	Investigation on thermoelectric properties of screen-printed $\text{La}_{1-x}\text{Sr}_x\text{CrO}_3-\text{In}_2\text{O}_3$ thermocouples for high temperature sensing. <i>Journal of the European Ceramic Society</i> , 2018, 38, 5030-5035.	2.8	7
123	Ionic Modulation of the Interfacial Magnetism in a Bilayer System Comprising a Heavy Metal and a Magnetic Insulator for Voltage-Tunable Spintronic Devices. <i>Advanced Materials</i> , 2018, 30, e1802902.	11.1	22
124	Synthesis, Structure, and Properties of the $\text{PbZrO}_3-\text{PbTiO}_3-\text{Bi}(\text{Zn}_{2/3}\text{Nb}_{1/3})\text{O}_3$ Ternary Solid Solution System Around the Morphotropic Phase Boundary. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1701007.	0.8	9
125	Temperature induced interface and optical properties of the multi-layer nanotube network. <i>Journal of Applied Physics</i> , 2018, 123, .	1.1	4
126	Achieving Higher Strength and Sensitivity toward UV Light in Multifunctional Composites by Controlling the Thickness of Nanolayer on the Surface of Glass Fiber. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 23399-23405.	4.0	3



#	ARTICLE	IF	CITATIONS
127	Lifetime-shortened acoustic phonons and static order at the Brillouin zone boundary in the organic-inorganic perovskite $\text{CH}_3\text{NH}_3\text{PbI}_3$ . Physical Review Materials, 2018, 2, .	0.9	12
128	Local-scale structures across the morphotropic phase boundary in $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$ . IUCrj, 2018, 5, 73-81.	1.0	24
129	Determination of chemical ordering in the complex perovskite $\text{Pb}(\text{Cd}_{1/3}\text{Nb}_{2/3})\text{O}_3$ . IUCrj, 2018, 5, 808-815.	1.0	5
130	Modulation of Spin Dynamics via Voltage Control of Spin-Lattice Coupling in Multiferroics. Advanced Functional Materials, 2017, 27, 1605598.	7.8	40
131	Spin-orbital coupling induced four-fold anisotropy distribution during spin reorientation in ultrathin Co/Pt multilayers. Applied Physics Letters, 2017, 110, .	1.5	10
132	Magnonics: Modulation of Spin Dynamics via Voltage Control of Spin-Lattice Coupling in Multiferroics (Adv. Funct. Mater. 10/2017). Advanced Functional Materials, 2017, 27, .	7.8	1
133	ALD preparation of high-k $\text{HfO}_2$ thin films with enhanced energy density and efficient electrostatic energy storage. RSC Advances, 2017, 7, 8388-8393.	1.7	39
134	Multiferroic heterostructures of $\text{Fe}_3\text{O}_4/\text{PMN-PT}$ prepared by atomic layer deposition for enhanced interfacial magnetoelectric couplings. Applied Physics Letters, 2017, 110, .	1.5	21
135	Quantitative Determination on Ionic-Liquid-Gating Control of Interfacial Magnetism. Advanced Materials, 2017, 29, 1606478.	11.1	72
136	Deterministic Switching of Perpendicular Magnetic Anisotropy by Voltage Control of Spin Reorientation Transition in $(\text{Co/Pt})_3/\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ "PbTiO <sub>3</sub> " Multiferroic Heterostructures. ACS Nano, 2017, 11, 4337-4345.	7.3	91
137	Ionic-Liquid Gating: Quantitative Determination on Ionic-Liquid-Gating Control of Interfacial Magnetism (Adv. Mater. 17/2017). Advanced Materials, 2017, 29, .	11.1	0
138	Enhancement of piezoelectric properties of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})_{0.65}\text{Ti}_{0.35}\text{O}_3$ ceramics by ZnO modification. Materials Letters, 2017, 205, 126-129.	1.3	3
139	Microstructural design and properties of PMNT crystal-embedded barium calcium zirconate titanate ceramics. Ceramics International, 2017, 43, S193-S197.	2.3	0
140	Effect of electric field on local structure of PZT single crystal studied by X-ray absorption spectroscopy technique. Integrated Ferroelectrics, 2017, 177, 137-142.	0.3	2
141	Tunable magnetic pole inversion in multiferroic $\text{BiFeO}_3$ "DyFeO <sub>3</sub> " solid solution. Journal of Materials Chemistry C, 2017, 5, 4063-4067.	2.7	12
142	Synthesis, structure and piezo-/ferroelectric properties of a novel bismuth-containing ternary complex perovskite solid solution. Journal of Materials Chemistry C, 2017, 5, 3916-3923.	2.7	38
143	Self-polarized high piezoelectricity and its memory effect in ferroelectric single crystals. Acta Materialia, 2017, 125, 498-505.	3.8	37
144	3D Conformal Modification of Electrospun Silk Nanofibers with Nanoscaled ZnO Deposition for Enhanced Photocatalytic Activity. ACS Biomaterials Science and Engineering, 2017, 3, 2900-2906.	2.6	18

#	ARTICLE	IF	CITATIONS
145	Voltage Control of Perpendicular Magnetic Anisotropy in Multiferroic $\text{BaTiO}_3/\text{Pt}/\text{Co}/\text{Pt}/\text{BaTiO}_3$ Heterostructures. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	33
146	Insights into the dielectric response of ferroelectric relaxors from statistical modeling. <i>Physical Review B</i> , 2017, 96, .	1.1	25
147	Voltage control of spin wave resonance in $\text{La}_{0.5}\text{Sr}_{0.5}\text{MnO}_3/\text{PMN-PT}$ (001) multiferroic heterostructures. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	11
148	A Controllable and Integrated Pump-enabled Microfluidic Chip and Its Application in Droplets Generating. <i>Scientific Reports</i> , 2017, 7, 11319.	1.6	42
149	Recoverable Self-Polarization in Lead-Free Bismuth Sodium Titanate Piezoelectric Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 28716-28725.	4.0	26
150	Discovery of Enhanced Magnetolectric Coupling through Electric Field Control of Two-Magnon Scattering within Distorted Nanostructures. <i>ACS Nano</i> , 2017, 11, 9286-9293.	7.3	48
151	Ferroelectric Phase Transition Induced a Large FMR Tuning in Self-Assembled $\text{BaTiO}_3/\text{Y}_3\text{Fe}_5\text{O}_{12}$ Multiferroic Composites. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 30733-30740.	4.0	22
152	Voltage Control of Two-Magnon Scattering and Induced Anomalous Magnetolectric Coupling in $\text{NiZn}$ Ferrite. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 43188-43196.	4.0	16
153	High Curie-temperature (TC) piezo-/ferroelectric single crystals with bismuth-based complex perovskites: Growth, structures and properties. <i>Acta Materialia</i> , 2017, 136, 32-38.	3.8	15
154	Effects of $\text{Bi}(\text{Zn}_{2/3}\text{Nb}_{1/3})\text{O}_3$ Modification on the Relaxor Behavior and Piezoelectricity of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3/\text{PbTiO}_3$ Ceramics. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2017, 64, 1608-1616.	1.7	14
155	Notice of Removal: Piezoelectric single crystal standard. , 2017, , .		0
156	Lead-Free Piezoelectric Diaphragm Biosensors Based on Micro-Machining Technology and Chemical Solution Deposition. <i>Sensors</i> , 2016, 16, 69.	2.1	6
157	Effects of Heat Treatment Temperature on the Properties of $(\text{Na}_{0.5}\text{Bi}_{0.5})\text{TiO}_3/\text{BiAlO}_3$ Lead-Free Piezoelectric Thin Films. <i>Journal of the American Ceramic Society</i> , 2016, 99, 1340-1344.	1.9	5
158	The origin of ultrahigh piezoelectricity in relaxor-ferroelectric solid solution crystals. <i>Nature Communications</i> , 2016, 7, 13807.	5.8	510
159	Electrically controlled non-volatile switching of magnetism in multiferroic heterostructures via engineered ferroelastic domain states. <i>NPG Asia Materials</i> , 2016, 8, e316-e316.	3.8	48
160	Composition dependence of the diffuse scattering in cubic $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$ . <i>Ferroelectrics</i> , 2016, 503, 45-51.	0.3	3
161	Subterahertz dielectric relaxation in lead-free $\text{Ba}(\text{Zr,Ti})\text{O}_3$ relaxor ferroelectrics. <i>Nature Communications</i> , 2016, 7, 11014.	5.8	54
162	$\text{N}^{\ominus}$ -like domain walls in ferroelectric $\text{Pb}(\text{Zr,Ti})\text{O}_3$ single crystals. <i>Nature Communications</i> , 2016, 7, 12385.	5.8	55

#	ARTICLE	IF	CITATIONS
163	Controlled Phase and Tunable Magnetism in Ordered Iron Oxide Nanotube Arrays Prepared by Atomic Layer Deposition. <i>Scientific Reports</i> , 2016, 6, 18401.	1.6	14
164	Magnetolectric relaxor and reentrant behaviours in multiferroic $\text{Pb}(\text{Fe}_{2/3}\text{W}_{1/3})\text{O}_3$ crystal. <i>Scientific Reports</i> , 2016, 6, 22327.	1.6	20
165	High-temperature solution growth and vapour transport equilibration of $(1-x)\text{KLiNaYNbO}_3-x\text{LiNbO}_3$ lead-free piezo-/ferroelectric single crystals. <i>Journal of Crystal Growth</i> , 2016, 452, 125-130.	0.7	3
166	Structure and Dielectric Properties of a New Solid Solution $(1-x)\text{PbTiO}_3-x\text{DyFeO}_3$ . <i>Ferroelectrics</i> , 2016, 492, 173-182.	0.3	1
167	Effect of substrates on the structure and optical properties of polycrystalline $\text{BiFeO}_3$ thin films. <i>Optik</i> , 2016, 127, 585-587.	1.4	0
168	Broadband dielectric spectra in $\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3$ crystals with chemical order modified by La doping. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	15
169	Coexisting ferroelectric and magnetic morphotropic phase boundaries in Dy-modified $\text{BiFeO}_3$ - $\text{PbTiO}_3$ multiferroics. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	16
170	Polarized Raman scattering study of PSN single crystals and epitaxial thin films. <i>Journal of Advanced Dielectrics</i> , 2015, 05, 1550013.	1.5	2
171	Growth and characterization of ferroelectric $\text{Pb}(\text{Sc}_{1/2}\text{Nb}_{1/2})\text{O}_3$ single crystals. <i>Phase Transitions</i> , 2015, 88, 1018-1027.	0.6	1
172	Atomic layer deposition of superparamagnetic and ferrimagnetic magnetite thin films. <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	20
173	A neutron diffuse scattering study of $\text{PbZrO}_3$ and Zr-rich $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$ . <i>Journal of Applied Crystallography</i> , 2015, 48, 1637-1644.	1.9	32
174	Structure and local polar domains of Dy-modified $\text{BiFeO}_3$ - $\text{PbTiO}_3$ multiferroic solid solutions. <i>Journal of Materials Chemistry C</i> , 2015, 3, 12450-12456.	2.7	23
175	Phase Development and Dielectric, Ferroelectric and Piezoelectric Properties of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})_{0.9}\text{Ti}_{0.1}\text{O}_3$ - $\text{Bi}_{0.5}\text{Na}_{0.5}$ . <i>Ferroelectrics</i> , 2015, 487, 1-8.	0.74	3
176	Neutron diffraction study of the $(\text{BiFeO}_3)_{1-x}(\text{PbTiO}_3)_x$ solid solution: nanostructured multiferroic system. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 046004.	0.7	2
177	Phase diagram of the relaxor ferroelectric $(1-x)\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3-x\text{PbTiO}_3$ a neutron powder diffraction study of the relaxor skin effect. <i>Phase Transitions</i> , 2015, 88, 283-305.	0.6	31
178	Phase transitions and thermal-stress-induced structural changes in a ferroelectric $\text{Pb}(\text{Zr}_{0.8}\text{Ti}_{0.2})\text{O}_3$ single crystal. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 025901.	0.7	5
179	Structure and properties of $\text{Bi}(\text{Zn}_{0.5}\text{Ti}_{0.5})\text{O}_3$ - $\text{Pb}(\text{Zn}_{1/4}\text{Ti}_{3/4})\text{O}_3$ ferroelectric single crystals grown by a top-seeded solution growth technique. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2015, 62, 1016-1021.	1.7	5
180	Preparation and properties of $\text{ZrO}_2$ and $\text{TiO}_2$ films and their nanolaminates by atomic layer deposition. <i>Ceramics International</i> , 2015, 41, S278-S282.	2.3	12

#	ARTICLE	IF	CITATIONS
181	Effect of sintering temperature on structural and electrical properties of lead-free BNT $\hat{c}$ BT piezoelectric thick films. <i>Ceramics International</i> , 2015, 41, S259-S264.	2.3	7
182	Synthesis, structure and electric properties of a new lead-free ferroelectric solid solution of $(1\hat{x})\text{BaTiO}_3\hat{x}\text{Bi}(\text{Zn}_{2/3}\text{Nb}_{1/3})\text{O}_3$ . <i>Ceramics International</i> , 2015, 41, S57-S62.	2.3	30
183	A new biosensor based on PVDF film for detection of nucleic acids. <i>Ceramics International</i> , 2015, 41, S602-S606.	2.3	20
184	Multiferroic $0.7\text{BiFeO}_3\hat{c}0.3\text{PbTiO}_3$ thin films prepared by a sol-gel method. <i>Thin Solid Films</i> , 2015, 585, 82-85.	0.8	8
185	Well-ordered ZnO nanotube arrays and networks grown by atomic layer deposition. <i>Applied Surface Science</i> , 2015, 340, 120-125.	3.1	30
186	Enhanced Dielectric and Ferroelectric Properties of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})_{0.65}\text{Ti}_{0.35}$ Solid Solution Ceramics by ZnO Modification. <i>Journal of the American Ceramic Society</i> , 2015, 98, 848-854.	1.9	6
187	Piezoresponse and magnetic properties of multiferroic $(1\hat{x})\text{Bi}_{0.9}\text{Dy}_{0.1}\text{FeO}_3\hat{x}\text{PbTiO}_3$ solid solution. <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	8
188	Effects of Mn-Doping on PIN-PMN-PT Ceramics with MPB Composition. <i>Ferroelectrics</i> , 2014, 464, 130-135.	0.3	18
189	Enhanced Grain Growth in Lead-Free $(1\hat{x})(\text{Na}_{0.5}\text{Bi}_{0.5})\text{TiO}_3\hat{x}\text{AgNbO}_3$ Solid Solution Ceramics. <i>Ferroelectrics</i> , 2014, 464, 122-129.	0.3	0
190	Acute and obtuse rhombohedrons in the local structures of relaxor ferroelectric $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})_{0.9}\text{Ti}_{0.1}\text{O}_3$ . <i>Journal of Applied Physics</i> , 2014, 116, .	1.1	45
191	Local polar structure and multiferroic properties of $(1\hat{x})\text{Bi}_{0.9}\text{Dy}_{0.1}\text{FeO}_3\hat{x}\text{PbTiO}_3$ solid solution. <i>Journal of Applied Physics</i> , 2014, 116, .	1.1	16
192	Novel ferroelectric single crystals of $\text{Bi}(\text{Zn}_{1/2}\text{Ti}_{1/2})\text{O}_3\text{-PbZrO}_3\text{-PbTiO}_3$ ternary solid solution. <i>Journal of Applied Physics</i> , 2014, 115, 084104.	1.1	4
193	Softening of antiferroelectricity in $\text{PbZrO}_3\text{-Pb}(\text{Mn}_{1/2}\text{W}_{1/2})\text{O}_3$ complex perovskite solid solution. <i>Journal of Applied Physics</i> , 2014, 116, .	1.1	12
194	New Antiferroelectric Solid Solution of $\text{Pb}(\text{Mg}_{1/2}\text{W}_{1/2})\text{O}_3\text{-Pb}(\text{Zn}_{1/2}\text{W}_{1/2})\text{O}_3$ as Dielectric Ceramics. <i>Journal of the American Ceramic Society</i> , 2014, 97, 1700-1703.	1.9	4
195	Enhancement in dielectric, ferroelectric, and electrostrictive properties of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})_{0.9}\text{Ti}_{0.1}\text{O}_3$ ceramics by CuO addition. <i>Journal of Alloys and Compounds</i> , 2014, 587, 618-624.	2.8	9
196	Role of random electric fields in relaxors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1754-1759.	3.3	129
197	Study of Antiferroelectric $\text{PbZrO}_3\text{-Pb}(\text{M}_{1/2}\text{W}_{1/2})\text{O}_3$ (M = Mg, Zn & Mn) Complex Perovskite Solid Solutions. <i>Ferroelectrics</i> , 2014, 464, 27-34.	0.3	3
198	The missing boundary in the phase diagram of $\text{PbZr}_{1\hat{x}}\text{Ti}_x\text{O}_3$ . <i>Nature Communications</i> , 2014, 5, 5231.	5.8	234

#	ARTICLE	IF	CITATIONS
199	Fano resonance and dipolar relaxation in lead-free relaxors. Nature Communications, 2014, 5, 5100.	5.8	57
200	New applications of bioultrasonics. , 2014, , .		1
201	Low-temperature remote plasma-enhanced atomic layer deposition of graphene and characterization of its atomic-level structure. Journal of Materials Chemistry C, 2014, 2, 7570-7574.	2.7	42
202	Enhanced ferroelectric order in Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>0.9</sub> Ti <sub>0.1</sub> O <sub>3</sub> ceramics by ZnO modification. Journal of Electroceramics, 2014, 33, 96-104.	0.8	6
203	Voltage Control of Metal-insulator Transition and Non-volatile Ferroelastic Switching of Resistance in VO <sub>x</sub> /PMN-PT Heterostructures. Scientific Reports, 2014, 4, 5931.	1.6	67
204	Raman scattering study of relaxor ferroelectric Pb(Sc <sub>1/2</sub> Nb <sub>1/2</sub> )O <sub>3</sub> crystals. Journal of the Korean Physical Society, 2013, 62, 1125-1128.	0.3	2
205	Synthesis, structure and dielectric properties of (1-x)[0.9BiFeO <sub>3</sub> -0.1DyFeO <sub>3</sub> ]-xPbTiO <sub>3</sub> pseudo-binary ceramics. Ceramics International, 2013, 39, S207-S211.	2.3	13
206	Development of nanoscale polarization fluctuations in relaxor-based (1-x)Pb(Zn <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> -xPbTiO <sub>3</sub> ferroelectrics studied by Brillouin scattering. Physical Review B, 2013, 87, .	1.1	25
207	Structure and multiferroic properties of Bi(1-x)Dy <sub>x</sub> Fe <sub>0.90</sub> Mg <sub>0.05</sub> Ti <sub>0.05</sub> O <sub>3</sub> solid solution. Journal of Applied Physics, 2013, 113, .	1.1	13
208	A statistical model approximation for perovskite solid-solutions: A Raman study of lead-zirconate-titanate single crystal. Journal of Applied Physics, 2013, 113, .	1.1	32
209	Kinetics and thermodynamics of the ferroelectric transitions in PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> and PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> -12% PbTiO <sub>3</sub> crystals. Journal of Applied Physics, 2013, 113, 184104.	1.1	13
210	Enhanced dielectric, ferroelectric, and electrostrictive properties of Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>0.9</sub> Ti <sub>0.1</sub> O <sub>3</sub> ceramics by ZnO modification. Journal of Applied Physics, 2013, 113, .	1.1	20
211	Structural Stability of Antiferroelectric Pb(Mg <sub>1/2</sub> W <sub>1/2</sub> )O <sub>3</sub> -Based Complex Perovskite Solid Solutions. Ferroelectrics, 2013, 455, 49-53.	0.3	3
212	Electrocaloric properties in relaxor ferroelectric (1-x)Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> -xPbTiO <sub>3</sub> system. Journal of Applied Physics, 2013, 114, .	1.1	81
213	Relationships between ZnO Content and Properties of Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>0.9</sub> Ti <sub>0.1</sub> O <sub>3</sub> Ceramics. Ferroelectrics, 2013, 451, 9-14.	0.3	0
214	Growth and piezo-/ferroelectric properties of PIN-PMN-PT single crystals. Journal of Applied Physics, 2012, 111, 034105.	1.1	33
215	DIELECTRIC RELAXATION IN RELAXOR FERROELECTRICS. Journal of Advanced Dielectrics, 2012, 02, 1241010. Anharmonic atomic vibrations in the relaxor ferroelectric Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>0.9</sub> Ti <sub>0.1</sub> O <sub>3</sub> ceramics. Journal of Applied Physics, 2012, 111, 034105.	1.5	275
216	Physical Review B, 2012, 86, .	1.1	7

#	ARTICLE	IF	CITATIONS
217	Role of dynamic polar nanoregions in heterovalent perovskite relaxor: Inelastic light scattering study of ferroelectric Ti rich $\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-PbTiO}_3$ . Journal of Applied Physics, 2012, 112, .	1.1	16
218	Introduction to the IEEE International Symposium on Applications of Ferroelectrics and International Symposium on Piezoresponse Force Microscopy and Nanoscale Phenomena in Polar Materials. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2012, 59, 1853-4.	1.7	0
219	A Series Piezoelectric Diaphragm Resonator for Biosensor Applications. Integrated Ferroelectrics, 2012, 140, 213-219. Evidence for anisotropic polar nanoregions in relaxor $\text{Pb}(\text{Mg}_{x}\text{Tl}_{1-x})\text{TiO}_3$ . Journal of Applied Physics, 2012, 112, .	0.3	0
220		1.1	22
221	Structural, dielectric, ferroelectric and piezoresponse force microscopy characterizations of bilayered $\text{Bi}_{0.9}\text{Dy}_{0.1}\text{FeO}_3/\text{K}_{0.5}\text{Na}_{0.5}\text{NbO}_3$ lead-free multiferroic films. Journal of Applied Physics, 2012, 112, .	1.1	4
222	Piezoresponse force microscopic study of ferroelectric $(1-x)\text{Pb}(\text{Sc}_{1/2}\text{Nb}_{1/2})\text{O}_3-x\text{PbTiO}_3$ and $\text{Pb}(\text{Sc}_{1/2}\text{Nb}_{1/2})\text{O}_3$ single crystals. Journal of Applied Physics, 2012, 112, 052009.	1.1	3
223	Phase transition behaviors of $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$ single crystals as revealed by elastic anomalies and central peaks. Applied Physics Letters, 2012, 100, 082903. Pressure dependence of the monoclinic phase in $\text{Pb}(\text{Mg}_{x}\text{Tl}_{1-x})\text{TiO}_3$ . Journal of Applied Physics, 2012, 112, .	1.5	32
224			

#	ARTICLE	IF	CITATIONS
235	Dielectric and ferroelectric properties of $\text{Bi}(\text{Zn}_{1/2}\text{Ti}_{1/2})\text{O}_3\text{-PbTiO}_3\text{-PbZrO}_3$ ternary ceramics. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2011, 58, 1882-1887.	1.7	8
236	Dielectric characterization of $(1-x)\text{pmn-xpt}$ ( $x = 0.07$ and $0.10$ ) ceramics synthesized by an ethylene glycol-based soft chemical route. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2011, 58, 1920-1927.	1.7	12
237	Partially inverse spinel $\text{ZnFe}_2\text{O}_4$ with high saturation magnetization synthesized via a molten salt route. Applied Physics Letters, 2011, 99, .	1.5	34
238	Pressure-composition phase diagram of the $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-PbTiO}_3$ solid solutions. , 2011, , .		0
239	Broadband gigahertz dynamics of relaxor ferroelectric $\text{Pb}(\text{Sc}_{1/2}\text{Nb}_{1/2})\text{O}_3\text{-xPbTiO}_3$ single crystal probed by Brillouin scattering. Journal of Applied Physics, 2011, 109, 084114.	1.1	30
240	Freezing of polarization dynamics in relaxor ferroelectric $(1-x)\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-xBi}(\text{Zn}_{1/2}\text{Ti}_{1/2})\text{O}_3$ solid solution. Current Applied Physics, 2011, 11, S175-S179.	1.1	9
241	Diffuse and sharp ferroelectric phase transitions in relaxors. Current Applied Physics, 2011, 11, S14-S21.	1.1	38
242	Soft antiferroelectric fluctuations in morphotropic $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$ single crystals as evidenced by inelastic x-ray scattering. Physical Review B, 2011, 83, .	1.1	32
243	Growth and characterization of piezo-/ferroelectric $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-PbTiO}_3\text{-Bi}(\text{Zn}_{1/2}\text{Ti}_{1/2})\text{O}_3$ ternary single crystals. Journal of Crystal Growth, 2011, 318, 839-845.	0.7	2
244	Surface Domain Structures and Mesoscopic Phase Transition in Relaxor Ferroelectrics. Advanced Functional Materials, 2011, 21, 1977-1987.	7.8	113
245	Structure, Symmetry and Ferroelectric Properties of the Pseudo-Binary System $(1-x)(0.65\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-}0.35\text{PbTiO}_3)\text{-xBi}(\text{Zn}_{1/2}\text{Ti}_{1/2})\text{O}_3$ . Ferroelectrics, 2011, 421, 9-15.		
246	SYNTHESIS AND PHASE ANALYSIS OF A NEW FERROELECTRIC $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3\text{-Bi}_{0.5}\text{K}_{0.5}\text{TiO}_3\text{-BaTiO}_3$ TERNARY SOLID SOLUTION. Journal of Advanced Dielectrics, 2011, 01, 243-249.		
247	Enhanced piezoelectricity and high temperature poling effect in $(1-x)\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-xPbTiO}_3$ ceramics via an ethylene glycol route. Journal of Applied Physics, 2010, 107, 104101.	1.1	4
248	Origin of diffuse scattering in relaxor ferroelectrics. Physical Review B, 2010, 81, .	1.1	53
249	Single Crystal Study of Competing Rhombohedral and Monoclinic Order in Lead Zirconate Titanate. Physical Review Letters, 2010, 105, 207601.	2.9	79
250	Crossover in the mechanism of ferroelectric phase transition of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-PbTiO}_3$ . xmlns:mml="http://www.w3.org/1998/Math/MathML"		

#	ARTICLE	IF	CITATIONS
253	Synthesis and Dielectric Characterization of a New Relaxor Solid Solution of $(1-x) \text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ / $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ Solid Solution. <i>Ferroelectrics</i> , 2010, 405, 67-75.	0.3	5
254	Direct evidence of mesoscopic dynamic heterogeneities at the surfaces of ergodic ferroelectric relaxors. <i>Physical Review B</i> , 2010, 81, .	1.1	77
255	Pressure effects on relaxor ferroelectricity in disordered $\text{Pb}(\text{Sc}_{1/2}\text{Nb}_{1/2})\text{O}_3$ . <i>Journal of Applied Physics</i> , 2010, 107, 074110.	1.1	14
256	Real space mapping of polarization dynamics and hysteresis loop formation in relaxor-ferroelectric $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ / $\text{PbTiO}_3$ solid solutions. <i>Journal of Applied Physics</i> , 2010, 108, .	1.1	47
257	Room-Temperature Weak Ferromagnetism Induced by Point Defects in $\text{Fe}_2\text{O}_3$ . <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 1561-1564.	4.0	42
258	Preparation and Characterization of New $\text{Pb}(\text{Yb}_{1/2}\text{Nb}_{1/2})\text{O}_3$ / $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ / $\text{PbTiO}_3$ Ternary Piezo-/Ferroelectric Crystals. <i>Chemistry of Materials</i> , 2010, 22, 5588-5592.	1.1	33
259	Mechanism of Calcium Oxalate Monohydrate Kidney Stones Formation: Layered Spherulitic Growth. <i>Chemistry of Materials</i> , 2010, 22, 1318-1329.	3.2	27
260	Room-temperature ferromagnetic/ferroelectric $\text{BiFeO}_3$ synthesized by a self-catalyzed fast reaction process. <i>Journal of Materials Chemistry</i> , 2010, 20, 6512.	6.7	59
261	Size-dependences of the dielectric and ferroelectric properties of $\text{BaTiO}_3$ /polyvinylidene fluoride nanocomposites. <i>Journal of Applied Physics</i> , 2010, 108, .	1.1	80
262	Optically isotropic and monoclinic ferroelectric phases in $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ . <i>Physical Review B</i> , 2010, 81, .	1.1	84
263	Structural, Dielectric and Ferroelectric Properties of Ti-Modified $0.72\text{BiFeO}_3$ / $0.28\text{PbTiO}_3$ Multiferroic Thin Films Prepared by Pulsed Laser Deposition. <i>Ferroelectrics</i> , 2010, 410, 42-49.	0.3	4
264	Synthesis and Characterization of New Lead-Free Ferroelectric $(1-x)\text{AgNbO}_3$ / $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ Solid Solution. <i>Ferroelectrics</i> , 2010, 405, 20-25.	0.3	2
265	High-pressure Brillouin scattering of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ . <i>Physical Review B</i> , 2009, 79, .	1.1	15
266	Effects of Sintering Temperature on the Relaxor Behavior of $0.85\text{BaTiO}_3$ / $0.15\text{BiAlO}_3$ Solid Solution. <i>Ferroelectrics</i> , 2009, 381, 183-190.	0.3	6
267	Mapping bias-induced phase stability and random fields in relaxor ferroelectrics. <i>Applied Physics Letters</i> , 2009, 95, .	1.5	27
268	Critical slowing down of relaxation dynamics near the Curie temperature in the relaxor $\text{Pb}(\text{Sc}_{0.5}\text{Nb}_{0.5})\text{O}_3$ . <i>Applied Physics Letters</i> , 2009, 94, 142906.	1.5	28
269	High-Performance Piezoelectric Single Crystals of Complex Perovskite Solid Solutions. <i>MRS Bulletin</i> , 2009, 34, 277-283.	1.7	129
270	Effect of chemical modification on the structure and dielectric and magnetic properties of multiferroic $(1-x)\text{BiFeO}_3$ / $x\text{DyFeO}_3$ solid solution. <i>European Physical Journal B</i> , 2009, 71, 377-381.	0.6	5



#	ARTICLE	IF	CITATIONS
271	Reassessment of the Burns temperature and its relationship to the diffuse scattering, lattice dynamics, and thermal expansion in relaxor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML">		

#	ARTICLE	IF	CITATIONS
289	Structure and properties of magnetically ordered ferroelectric and relaxor systems. , 2008, , .		0
290	Enhanced ferroelectricity and ferromagnetism in $\text{La}_{1-x}\text{Bi}_x\text{CrO}_3$ by $\text{Bi}^{3+}$ substitution. Journal of Materials Research, 2007, 22, 2081-2086.	1.2	11
291	Light scattering study of acoustic phonon modes and central peaks in $\text{Pb}[(\text{Mg}_{1-x}\text{Nb}_{2x-3})_{0.45}\text{Ti}_{0.55}]\text{O}_3$ single crystals. Applied Physics Letters, 2007, 91, 252909.	1.5	37
292	Impossibility of pressure-induced crossover from ferroelectric to nonergodic relaxor state in $\text{Pb}(\text{Mg}_{1-x}\text{Nb}_{2x-3})\text{O}_3$ single crystals. Physical Review B, 2007, 76, .	1.1	10
293	Electric field-induced phase transitions in (111)-, (110)-, and (100)-oriented $\text{Pb}(\text{Mg}_{1-x}\text{Nb}_{2x-3})\text{O}_3$ single crystals. Physical Review B, 2007, 75, .	1.1	100
294	Magnetic ordering in relaxor ferroelectric $(1-x)\text{Pb}(\text{Fe}_{2/3}\text{W}_{1/3})\text{O}_3$ single crystals. Journal of Materials Research, 2007, 22, 2116-2124.	1.2	16
295	New Dielectric and Ferroelectric Solid Solution of $(1-x)\text{Ba}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $x\text{PbTiO}_3$ with Morphotropic Phase Boundary. Chemistry of Materials, 2007, 19, 1285-1289.	3.2	33
296	Growth and Characterization of Relaxor Ferroelectric $\text{Pb}(\text{Fe}_{2/3}\text{W}_{1/3})\text{O}_3$ - $x\text{PbTiO}_3$ Single Crystals. Ferroelectrics, 2007, 355, 269-274.	0.3	3
297	Temperature dependence of the capacitance of a ferroelectric material. American Journal of Physics, 2007, 75, 1046-1053.	0.3	9
298	Bismuth Aluminate: A New High- $T_C$ Lead-Free Piezo-/ferroelectric. Chemistry of Materials, 2007, 19, 6385-6390.	3.2	141
299	Brillouin scattering and molecular dynamics study of the elastic properties of $\text{Pb}(\text{Mg}_{1-x}\text{Nb}_{2x-3})\text{O}_3$ . Physical Review B, 2007, 75, .	1.1	24
300	Structural, dielectric and ferroelectric properties of $\text{Bi}(\text{Fe}_{1-x}\text{Ti}_x)\text{O}_{3+x/2}$ - $\text{PbTiO}_3$ ceramics with MPB compositions. , 2007, , .		0
301	A New Solid Solution of $(1-x)\text{Ba}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $x\text{PbTiO}_3$ with Dielectric, Relaxor and Ferroelectric Properties. , 2007, , .		1
302	Structure and properties of multiferroic $(1-x)\text{BiFeO}_3$ - $x\text{PbTiO}_3$ single crystals. Journal of Materials Research, 2007, 22, 2136-2143.	1.2	34
303	Inside Cover: Highly Birefringent Materials Designed Using Coordination Polymer Synthetic Methodology (Angew. Chem. Int. Ed. 46/2007). Angewandte Chemie - International Edition, 2007, 46, 8720-8720.	7.2	0
304	Top-seeded solution growth and characterization of rhombohedral $\text{PMN}_{30}\text{PT}$ piezoelectric single crystals. Acta Materialia, 2007, 55, 6507-6512.	3.8	55
305	Ferroelectric to relaxor crossover and dielectric phase diagram in the $\text{BaTiO}_3$ - $\text{BaSnO}_3$ system. Journal of Applied Physics, 2007, 101, 084105.	1.1	216
306	Quasi-ferroelectric state in $\text{Ba}(\text{Ti}_{1-x}\text{Zr}_x)\text{O}_3$ relaxor: dielectric spectroscopy evidence. Journal of Physics Condensed Matter, 2007, 19, 092001.	0.7	68

#	ARTICLE	IF	CITATIONS
307	Citrate-nitrate combustion route to the synthesis of $(1-x)\text{LaCrO}_3-x\text{BiCrO}_3$ solid solution. <i>Journal of Materials Science</i> , 2007, 42, 3767-3771.	1.7	2
308	New Soft Chemical Routes to Ferroelectric $\text{SrBi}_2\text{Ta}_2\text{O}_9$ . <i>Chemistry of Materials</i> , 2006, 18, 532-540.	3.2	31
309	Effect of Hydrostatic Pressure on the Dielectric Properties of PMN-0.31PT Single Crystal. <i>Ferroelectrics</i> , 2006, 339, 75-84.	0.3	5
310	Composition dependence of the diffuse scattering in the relaxor ferroelectric compound $(1-x)\text{Pb}(\text{Mg}_{1-3x}\text{Nb}_2\text{O}_3)_x\text{PbTiO}_3$ ( $0 \leq x \leq 0.40$ ). <i>Physical Review B</i> , 2006, 74, .	1.1	73
311	Ferroelectric and relaxor properties of $\text{Pb}(\text{Sc}_{0.5}\text{Nb}_{0.5})\text{O}_3$ : Influence of pressure and biasing electric field. <i>Physical Review B</i> , 2006, 74, .	1.1	36
312	Electric-field-induced redistribution of polar nano-regions in a relaxor ferroelectric. <i>Nature Materials</i> , 2006, 5, 134-140.	13.3	277
313	Synthesis, phase segregation and properties of piezo-/ferroelectric $(1-x)\text{Pb}(\text{Sc}_{1/2}\text{Nb}_{1/2})\text{O}_3-x\text{PbTiO}_3$ single crystals. <i>Journal of Crystal Growth</i> , 2006, 287, 326-329.	0.7	32
314	Recent progress in relaxor ferroelectrics with perovskite structure. <i>Journal of Materials Science</i> , 2006, 41, 31-52.	1.7	1,842
315	Hysteresis in acoustic properties of ferroelectric relaxor $\text{Pb}[(\text{Zn}_{1-3x}\text{Nb}_2\text{O}_3)_{0.955}\text{Ti}_{0.045}]\text{O}_3$ single crystals studied by Brillouin and dielectric spectroscopies. <i>Journal of Applied Physics</i> , 2006, 100, 066106.	1.1	27
316	Improved dielectric and ferroelectric properties of high Curie temperature $(1-x)\text{BiFeO}_3-x\text{PbTiO}_3$ ceramics by aliovalent ionic substitution. <i>Applied Physics Letters</i> , 2006, 89, 232904.	1.5	82
317	Double freezing of dielectric response in relaxor $\text{Pb}(\text{Mg}_{1-3x}\text{Nb}_2\text{O}_3)\text{O}_3$ crystals. <i>Physical Review B</i> , 2006, 74, .	1.1	58
318	Effects of growth conditions on the domain structure and dielectric properties of $(1-x)\text{Pb}(\text{Sc}_{1/2}\text{Nb}_{1/2})\text{O}_3-x\text{PbTiO}_3$ single crystals. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2005, 120, 72-75.	1.7	12
319	$\text{PbTiO}_3$ addition and internal dynamics in $\text{Pb}(\text{Zn}_{1-3x}\text{Nb}_2\text{O}_3)\text{O}_3$ crystal studied by Raman spectroscopy. <i>Physical Review B</i> , 2005, 72, .	1.1	37
320	Polar nanodomains and relaxor behaviour in $(1-x)\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3-x\text{PbTiO}_3$ crystals with $x=0.3-0.5$ . <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2005, 120, 206-209.	1.7	50
321	Single-crystal neutron diffuse scattering and Monte Carlo study of the relaxor ferroelectric $\text{PbZn}_{1/3}\text{Nb}_{2/3}\text{O}_3$ (PZN). <i>Journal of Applied Crystallography</i> , 2005, 38, 639-647.	1.9	53
322	Temperature evolution of the relaxor dynamics in $\text{Pb}(\text{Zn}_{1-3x}\text{Nb}_2\text{O}_3)\text{O}_3$ : A critical Raman analysis. <i>Physical Review B</i> , 2005, 72, .	1.1	124
323	Structural phase transition and dielectric relaxation in $\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ single crystals. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 2493-2507.	0.7	51
324	Dielectric anomalies of the relaxor-based $0.9\text{Pb}(\text{Mg}_{1-3x}\text{Nb}_2\text{O}_3)\text{O}_3-0.1\text{PbTiO}_3$ single crystals. <i>Applied Physics Letters</i> , 2005, 87, 012904.	1.5	37

#	ARTICLE	IF	CITATIONS
325	Universal static and dynamic properties of the structural transition in $\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ . Physical Review B, 2004, 69, .	1.1	81
326	Coexistence of morphotropic phases in $(1-x)\text{Pb}(\text{Mg}_{1-x}\text{Nb}_2)\text{O}_3-x\text{PbTiO}_3$ solid solutions. Physical Review B, 2004, 70, .	1.1	32
327	The non-rhombohedral low-temperature structure of $\text{PMN} \sim 10\% \text{PT}$ . Journal of Physics Condensed Matter, 2004, 16, 7113-7121.	0.7	61
328	A new ferroelectric solid solution system of $\text{LaCrO}_3 \sim \text{BiCrO}_3$ . Journal of Solid State Chemistry, 2004, 177, 1501-1507.	1.4	11
329	Effects of chemical modification on the electrical properties of $0.67\text{BiFeO}_3 \sim 0.33\text{PbTiO}_3$ ferroelectric ceramics. Ceramics International, 2004, 30, 1435-1442.	2.3	146
330	Phase formation and dielectric properties of $0.90\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3 \sim 0.10\text{PbTiO}_3$ ceramics prepared by a new sol-gel method. Ceramics International, 2004, 30, 1411-1417.	2.3	28
331	Polyethylene Glycol-Based New Solution Route to Relaxor Ferroelectric $0.65\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3 \sim 0.35\text{PbTiO}_3$ . Journal of Applied Physics, 2004, 95, 6347-6359.	3.2	39
332	Dielectric and Structural Properties of Relaxor Ferroelectrics. Ferroelectrics, 2004, 302, 227-231.	0.3	13
333	Domain structure in the monoclinic $\text{Pm}$ phase of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3 \sim \text{PbTiO}_3$ single crystals. Journal of Applied Physics, 2004, 95, 6347-6359.	1.1	105
334	Anomalous phase in the relaxor ferroelectric $\text{Pb}(\text{Zn}_{1-x}\text{Nb}_2)\text{O}_3$ . Physical Review B, 2004, 70, .	1.1	45
335	Empirical scaling of the dielectric permittivity peak in relaxor ferroelectrics. Physical Review B, 2003, 68, .	1.1	213
336	Effects of chemical compositions on the growth of relaxor ferroelectric $\text{Pb}(\text{Sc}_{1/2}\text{Nb}_{1/2})_{1-x}\text{Ti}_x\text{O}_3$ single crystals. Journal of Crystal Growth, 2003, 250, 118-125.	0.7	48
337	Dielectric response of F-doped $\text{PbWO}_4$ single crystal. Physica Status Solidi A, 2003, 196, R7-R9.	1.7	6
338	Impedance spectroscopy analysis of La-doped $\text{PbWO}_4$ single crystals. Journal of Applied Physics, 2003, 93, 421-425.	1.1	13
339	Development of ferroelectric order in relaxor $(1-x)\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3 \sim x\text{PbTiO}_3$ ( $0 < x < 0.15$ ). Physical Review B, 2003, 67, .	1.1	159
340	Ground state of the relaxor ferroelectric $\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ . Physical Review B, 2003, 67, .	1.1	77
341	Neutron scattering study of the relaxor ferroelectric $(1-x)\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3 \sim x\text{PbTiO}_3$ . Physical Review B, 2003, 67, .	1.1	72
342	Polarized Raman study of the phonon dynamics in $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ crystal. Physical Review B, 2003, 68, .	1.1	178

#	ARTICLE	IF	CITATIONS
343	Acoustic anomalies and central peak in SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> single crystals studied by micro-Brillouin scattering. Applied Physics Letters, 2002, 81, 4043-4045.	1.5	16
344	Phase diagram of the relaxor ferroelectric (1-x)Pb(Zn <sup>1/3</sup> Nb <sup>2/3</sup> )O <sub>3</sub> -xPbTiO <sub>3</sub> . Physical Review B, 2002, 65, .	1.1	303
345	Low-frequency dielectric spectroscopy of the relaxor ferroelectric Pb(Mg <sup>1/3</sup> Nb <sup>2/3</sup> )O <sub>3</sub> -xPbTiO <sub>3</sub> . Physical Review B, 2002, 65, .	1.1	58
346	Universal relaxor polarization in Pb(Mg <sup>1/3</sup> Nb <sup>2/3</sup> )O <sub>3</sub> and related materials. Physical Review B, 2002, 66, .	1.1	60
347	Ferroelectric properties of monoclinic Pb(Mg <sup>1/3</sup> Nb <sup>2/3</sup> )O <sub>3</sub> -xPbTiO <sub>3</sub> crystals. Physical Review B, 2002, 66, .	1.1	39
348	Ferroelectric ordering in the relaxor Pb(Mg <sup>1/3</sup> Nb <sup>2/3</sup> )O <sub>3</sub> as evidenced by low-temperature phonon anomalies. Physical Review B, 2002, 65, .	1.1	148
349	Neutron diffuse scattering from polar nanoregions in the relaxor Pb(Mg <sup>1/3</sup> Nb <sup>2/3</sup> )O <sub>3</sub> . Physical Review B, 2002, 65, .	1.1	169
350	Mode coupling and polar nanoregions in the relaxor ferroelectric Pb(Mg <sup>1/3</sup> Nb <sup>2/3</sup> )O <sub>3</sub> . Physical Review B, 2002, 66, .	1.1	71
351	Phase diagram of the ferroelectric relaxor (1-x)PbMg <sup>1/3</sup> Nb <sup>2/3</sup> O <sub>3</sub> -xPbTiO <sub>3</sub> . Physical Review B, 2002, 66, .	1.1	765
352	Giant electrostriction and stretched exponential electromechanical relaxation in 0.65Pb(Mg <sub>sub&gt;Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 36</sub> )O <sub>3</sub> . Physical Review B, 2002, 66, .	1.1	36
353	Crystal chemistry and domain structure of relaxor piezocrystals. Current Opinion in Solid State and Materials Science, 2002, 6, 35-44.	5.6	88
354	Effects of silver doping on ferroelectric SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> . Journal of Applied Physics, 2002, 92, 3928-3935.	1.1	17
355	Dielectric and electric properties of donor- and acceptor-doped ferroelectric SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> . Journal of Applied Physics, 2001, 90, 934-941.	1.1	81
356	Elastic matching of morphotropic phases in polydomain (1-x)Pb(Zn <sup>1/3</sup> Nb <sup>2/3</sup> )O <sub>3</sub> -xPbTiO <sub>3</sub> single crystals. Ferroelectrics, 2001, 253, 71-78.	0.3	12
357	Top seeded solution growth and characterization of piezo-/ferroelectric (1-x)Pb(Zn <sup>1/3</sup> Nb <sup>2/3</sup> )O <sub>3</sub> -xPbTiO <sub>3</sub> single crystals. Journal of Crystal Growth, 2001, 233, 503-511.	0.7	48
358	Soft Mode Dynamics above and below the Burns Temperature in the Relaxor Pb(Mg <sup>1/3</sup> Nb <sup>2/3</sup> )O <sub>3</sub> . Physical Review Letters, 2001, 87, 277601.	2.9	164
359	Title is missing!. Journal of Materials Science, 2001, 36, 4393-4399.	1.7	17
360	Ferroelectric SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> single-crystal growth and characterization. Journal of Materials Research, 2001, 16, 1726-1733.	1.2	15

#	ARTICLE	IF	CITATIONS
361	Complex domain and heterophase structures in $(1-x)\text{Pb}(\text{Mg}_{1-x}\text{Nb}_x)\text{O}_3$ single crystals. <i>Ferroelectrics</i> , 2001, 253, 79-86.	0.3	17
362	Microstructure and electrical properties of sol-gel derived $\text{Pb}(\text{Zr}_{0.53}\text{Ti}_{0.47})\text{O}_3/\text{MgO}$ nanoparticles and composite ceramics. <i>Ferroelectrics</i> , 2001, 262, 213-218.	0.3	1
363	Diffuse neutron scattering study of a disordered complex perovskite $\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ crystal. <i>Physical Review B</i> , 2001, 64, .	1.1	70
364	Monoclinic phase in the relaxor-based piezoelectric/ferroelectric $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $\text{PbTiO}_3$ system. <i>Physical Review B</i> , 2001, 64, .	1.1	335
365	High-temperature solution growth and characterization of the piezo-/ferroelectric $(1-x)\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $\text{PbTiO}_3$ [PMNT] single crystals. <i>Journal of Crystal Growth</i> , 2000, 209, 81-90.	0.7	160
366	Phenomenological description of dielectric permittivity peak in relaxor ferroelectrics. <i>Solid State Communications</i> , 2000, 116, 105-108.	0.9	165
367	Relationship between ionicity, ionic radii and order/disorder in complex perovskites. <i>Journal of Physics and Chemistry of Solids</i> , 2000, 61, 1519-1527.	1.9	30
368	Flux growth and characterization of the relaxor-based $\text{Pb}[(\text{Zn}_{1/3}\text{Nb}_{2/3})_{1-x}\text{Ti}_x]\text{O}_3$ [PZNT] piezocrystals. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2000, 78, 96-104.	1.7	54
369	Freezing of dipole dynamics in relaxor ferroelectric $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $\text{PbTiO}_3$ as evidenced by dielectric spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2000, 12, L541-L548.	0.7	37
370	Dielectric dispersion and critical behavior in relaxor ferroelectric $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $\text{PbTiO}_3$ . <i>Applied Physics Letters</i> , 2000, 77, 1888.	1.5	78
371	Morphotropic domain structures and phase transitions in relaxor-based piezo-/ferroelectric $(1-x)\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $\text{PbTiO}_3$ single crystals. <i>Journal of Applied Physics</i> , 2000, 87, 2312-2319.	1.1	252
372	Effects of mechanical stress on the domain structure and phase coexistence in the boracite $\text{Cr}_3\text{B}_7\text{O}_{13}\text{Cl}$ single crystals. <i>Ferroelectrics</i> , 1999, 221, 117-122.	0.3	0
373	Domain structures and phase transitions of the relaxor-based piezo-/ferroelectric $(1-x)\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $\text{PbTiO}_3$ single crystals. <i>Ferroelectrics</i> , 1999, 229, 223-232.	0.3	58
374	Magnetolectric effect in Co-Cl boracite. <i>Ferroelectrics</i> , 1997, 204, 57-71.	0.3	10
375	An analysis of the stress-induced phase transition and phase coexistence in boracite $\text{Cr}_3\text{B}_7\text{O}_{13}\text{Cl}$ crystals. <i>Ferroelectrics, Letters Section</i> , 1996, 22, 1-8.	0.4	2
376	Relaxor ferroelectric $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ : Properties and present understanding. <i>Ferroelectrics</i> , 1996, 184, 193-208.	0.3	72
377	Growth from high temperature solution and characterization of $\text{Pb}(\text{Fe}_{2/3}\text{W}_{1/3})\text{O}_3$ single crystals. <i>Journal of Crystal Growth</i> , 1996, 167, 628-637.	0.7	27
378	Uniaxial stress-induced phase transition, piezo-optical effect and optical domain studies in Cr-Cl boracite. <i>Ferroelectrics</i> , 1995, 172, 257-270.	0.3	5

#	ARTICLE	IF	CITATIONS
379	Macrodomain structure related to the electric field-induced phase transition in $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ . <i>Ferroelectrics</i> , 1995, 172, 19-30.	0.3	11
380	Electric field induced effect on the optical, dielectric and ferroelectric properties of $\text{Pb}(\text{Fe}_{2/3}\text{W}_{1/3})\text{O}_3$ single crystals. <i>Ferroelectrics</i> , 1994, 162, 119-133.	0.3	44
381	Single crystal growth, structure refinement, ferroelastic domains and phase transitions of the hausmannite $\text{CuCr}_2\text{O}_4$ . <i>Ferroelectrics</i> , 1994, 162, 103-118.	0.3	34
382	Magnetolectric effect and magnetic torque of chromium chlorine boracite $\text{Cr}_3\text{B}_7\text{O}_{13}\text{Cl}$ . <i>Ferroelectrics</i> , 1994, 161, 99-110.	0.3	12
383	Optical, dielectric and polarization studies of the electric field-induced phase transition in $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ [PMN]. <i>Ferroelectrics</i> , 1993, 145, 83-108.	0.3	244
384	Pseudo-binary phase diagram and crystal growth of [PMN]. <i>Materials Research Bulletin</i> , 1990, 25, 739-748.	2.7	85
385	Growth and characterization of relaxor ferroelectric $(1-x)\text{Pb}(\text{Sc}_{1/2}\text{Nb}_{1/2})\text{O}_3 - x\text{PbTiO}_3$ single crystals. , 0, , .		1
386	$\text{SrBi}_{2/3}\text{Ta}_{2/3}\text{O}_9$ ceramics prepared by a new precipitation method. , 0, , .		0
387	Synthesis, structural evolution and dielectric properties of a new perovskite solid solution $(\text{Pb})_{1-x}(\text{Bi})_x\text{TiO}_3$ . <i>Journal of the American Ceramic Society</i> , 0, , .	1.9	2