

Shan-Tao Zhang

List of Publications by Year in descending order

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131
papers

5,542
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94433

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all docs

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docs citations

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times ranked

4373
citing authors

#	ARTICLE	IF	CITATIONS
1	Tetragonal (Ba, Ca) (Zr, Ti)O ₃ textured ceramics with enhanced piezoelectric response and superior temperature stability. <i>Journal of Materiomics</i> , 2022, 8, 366-374.	5.7	15
2	Novel lead-free NaNbO ₃ -based relaxor antiferroelectric ceramics with ultrahigh energy storage density and high efficiency. <i>Journal of Materiomics</i> , 2022, 8, 295-301.	5.7	39
3	In situ TEM observation on the ferroelectric-antiferroelectric transition in Pb(Nb,Zr,Sn,Ti)O ₃ /ZnO. <i>Journal of the American Ceramic Society</i> , 2022, 105, 794-800.	3.8	4
4	Cu-modified Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbZrO ₃ -PbTiO ₃ textured ceramics with enhanced electromechanical properties and improved thermal stability. <i>Journal of the European Ceramic Society</i> , 2022, 42, 2743-2751.	5.7	13
5	Ultrahigh Energy Storage Density and High Efficiency in Lead-Free (Bi _{0.9} Na _{0.1})(Fe _{0.8} Ti _{0.2})O ₃ -Modified NaNbO ₃ Ceramics via Stabilizing the Antiferroelectric Phase and Enhancing Relaxor Behavior. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 19704-19713.	8.0	35
6	Large pyroelectricity via engineered ferroelectric-relaxor phase boundary. <i>Journal of the American Ceramic Society</i> , 2022, 105, 5230-5239.	3.8	6
7	Relaxor-normal ferroelectric transition in (1-x)Sr _{0.75} Ba _{0.25} Nb ₂ O ₆ -xNaNbO ₃ ceramics. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	2
8	High Energy Storage Performance in Ba _{0.85} Ca _{0.15} Zr _{0.1} Ti _{0.9} O ₃ -ZnO Hybrid Perovskite Solid Solution Thin Films. <i>Advanced Electronic Materials</i> , 2022, 8, .	5.1	4
9	Simultaneous achievement of ultrahigh energy storage density and high efficiency in BiFeO ₃ -based relaxor ferroelectric ceramics via a highly disordered multicomponent design. <i>Journal of Materials Chemistry A</i> , 2022, 10, 14316-14325.	10.3	30
10	Structural Distortion-Modulated Magnetic and Dielectric Properties in Nonstoichiometric Yb _{2-x} Ti ₂ O ₇ Pyrochlore. <i>Inorganic Chemistry</i> , 2022, 61, 10425-10434.	4.0	2
11	Progress and perspective of high strain NBT-based lead-free piezoceramics and multilayer actuators. <i>Journal of Materiomics</i> , 2021, 7, 508-544.	5.7	76
12	Composition-dependent electrical property of (1-x)Sr _{0.75} Ba _{0.25} Nb ₂ O ₆ -xPbZr _{0.52} Ti _{0.48} O ₃ solid solution ceramics. <i>Journal of the European Ceramic Society</i> , 2021, 41, 2435-2442.	5.7	6
13	Energy storage properties of (1-x)(Pb _{0.97} La _{0.02})(Zr _{0.5} Sn _{0.4} Ti _{0.1})O ₃ :xSnO ₂ composite ceramics. <i>Journal of Alloys and Compounds</i> , 2021, 873, 159768.	5.5	2
14	Enhanced energy storage properties of lead-free NaNbO ₃ -based ceramics via A/B-site substitution. <i>Chemical Engineering Journal</i> , 2021, 422, 130130.	12.7	95
15	Ultrahigh energy storage density in lead-free relaxor antiferroelectric ceramics via domain engineering. <i>Energy Storage Materials</i> , 2021, 43, 383-390.	18.0	119
16	Large, thermally stabilized and fatigue-resistant piezoelectric strain response in textured relaxor-PbTiO ₃ ferroelectric ceramics. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2008-2015.	5.5	22
17	The critical role of spin rotation in the giant magnetostriction of La(Fe,Al) ₁₃ . <i>Science China Materials</i> , 2021, 64, 1238-1245.	6.3	4
18	Non-hydrostatic pressure-dependent structural and transport properties of BiCuSeO and BiCuSO single crystals. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 105702.	1.8	3

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19	Negative thermal expansion in (Sc,Ti)Fe ₂ induced by an unconventional magnetovolume effect. <i>Materials Horizons</i> , 2020, 7, 275-281.	12.2	34
20	Phase/domain structure and enhanced thermal stable ferro-/pyroelectric properties of (1-x)0.94Na0.48Bi0.44TiO3-0.06BaTiO3:xZnO ceramics. <i>Journal of the European Ceramic Society</i> , 2020, 40, 699-705.	5.7	6
21	Phase transition, ferroelectric and piezoelectric properties of B-site complex cations (Fe0.5Nb0.5) ⁴⁺ -modified Ba0.70Ca0.30TiO3 ceramics. <i>Ceramics International</i> , 2020, 46, 9519-9529.	4.8	2
22	Composition-dependent microstructure and electrical property of (1-x)SbNaxBNBT solid solutions. <i>Journal of the American Ceramic Society</i> , 2020, 103, 6913-6921.	3.8	4
23	A review on the development of lead-free ferroelectric energy-storage ceramics and multilayer capacitors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16648-16667.	5.5	184
24	Microstructure, ferroelectric and piezoelectric properties of MnO2-modified Ba0.70Ca0.30TiO3 lead-free ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 9352-9365.	2.2	2
25	Enhanced relaxor behavior and thermal- and frequency-insensitive strain of (Na0.5Bi0.5)0.93Ba0.07Ti1-x(Mn1/3Nb2/3)xO3 ceramics. <i>Journal of Applied Physics</i> , 2020, 127, 194101.	2.5	0
26	Realizing a ferroelectric state and high pyroelectric performance in antiferroelectric-oxide composites. <i>Dalton Transactions</i> , 2020, 49, 9728-9734.	3.3	4
27	Thermally stable energy storage properties in relaxor BNT ⁶ -modified antiferroelectric PNZST ceramics. <i>Journal of the American Ceramic Society</i> , 2020, 103, 5769-5777.	3.8	11
28	Energy storage property of (Pb0.97La0.02)(Zr0.5Sn0.4Ti0.1)O3-(Na0.5Bi0.5)0.94Ba0.06TiO3 ceramics: Effects of antiferroelectric-relaxor transition and improved breakdown strength. <i>Journal of the European Ceramic Society</i> , 2020, 40, 2996-3002.	5.7	12
29	Relaxor/antiferroelectric composites: a solution to achieve high energy storage performance in lead-free dielectric ceramics. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5681-5691.	5.5	75
30	MoTe ₂ p-n Homojunctions Defined by Ferroelectric Polarization. <i>Advanced Materials</i> , 2020, 32, e1907937.	21.0	115
31	Transition in temperature scaling behaviors and super temperature stable polarization in BiScO3-PbZrO3-PbTiO3 system. <i>Journal of the American Ceramic Society</i> , 2020, 103, 3691-3697.	3.8	4
32	Two-dimensional series connected photovoltaic cells defined by ferroelectric domains. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	10
33	Programmable transition metal dichalcogenide homojunctions controlled by nonvolatile ferroelectric domains. <i>Nature Electronics</i> , 2020, 3, 43-50.	26.0	167
34	Exchange-biased nanocomposite ferromagnetic insulator. <i>Physical Review B</i> , 2020, 101, .	3.2	6
35	High pyroelectric performance due to ferroelectric-antiferroelectric transition near room temperature. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7820-7827.	5.5	13
36	Structural and electrical properties of ZnO ⁶ -modified (1-x)Pb(Mg _{1/3} Nb _{2/3})O ₃ -xPbTiO ₃ ceramics with wide MPB regions. <i>Journal of the American Ceramic Society</i> , 2019, 102, 1866-1874.	3.8	12

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37	Crossover from negative to positive magnetoresistance in $\text{Sr}_{2-x}\text{CrWO}_6/\text{Sr}_{2-x}\text{Fe}_{10/9}\text{Mo}_8\text{O}_6$ superlattices. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 225001.	1.8	2
38	Highly enhanced thermal stability in quenched $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ -based lead-free piezoceramics. <i>Journal of the European Ceramic Society</i> , 2019, 39, 4705-4711.	5.7	37
39	$\text{Bi}(\text{Zn}_{0.5}\text{Ti}_{0.5})\text{O}_3$ induced domain evolution and its effect on electrical property and thermal stability of $0.8\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3-0.2\text{Bi}_{0.5}\text{K}_{0.5}\text{TiO}_3$ ceramics. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151942.	5.5	6
40	Ultrahigh energy harvesting properties in textured lead-free piezoelectric composites. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3603-3611.	10.3	43
41	Electron-electron scattering dominated electrical and magnetotransport properties in the quasi-two-dimensional Fermi liquid single-crystal B_iO_2 .	3.2	16
42	Bimodal hybrid lightweight sound-absorbing material with high stiffness. <i>Applied Physics Express</i> , 2019, 12, 035002.	2.4	6
43	Composition-sensitive electrical properties of charge nonstoichiometric $0.94\text{Bi}_{0.5+x}\text{Na}_{0.5-x}\text{TiO}_3 \approx 0.06\text{BaTiO}_3$ ceramics. <i>Journal of Advanced Dielectrics</i> , 2019, 09, 1950012.	2.4	4
44	The significant and temperature-insensitive magnetoresistance observed in Co-doped $(\text{La}_{0.7}\text{Sr}_{0.3})\text{MnO}_3$ thin films. <i>AIP Advances</i> , 2019, 9, .	1.3	4
45	Domain structure and evolution in ZnO -modified $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3 \approx 0.32\text{PbTiO}_3$ ceramics. <i>Journal of the American Ceramic Society</i> , 2019, 102, 4874-4881.	3.8	9
46	Copper foam sustained silica aerogel for high-efficiency acoustic absorption. <i>AIP Advances</i> , 2019, 9, 015209.	1.3	0
47	Thermally-stable large strain in $\text{Bi}(\text{Mn}_{0.5}\text{Ti}_{0.5})\text{O}_3$ modified $0.8\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3-0.2\text{Bi}_{0.5}\text{K}_{0.5}\text{TiO}_3$ ceramics. <i>Journal of the European Ceramic Society</i> , 2019, 39, 1827-1836. Mechanisms of enhanced thermal stability of polarization in lead-free B_iO_2 .	5.7	39
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55	Structure and excellent visible light catalysis of Prussian blue analogues $\text{BiFe}(\text{CN})_6 \cdot 4\text{H}_2\text{O}$. Inorganic Chemistry Frontiers, 2018, 5, 438-445.	6.0	15
56	Improved Curie temperature, electromechanical properties and thermal stability in ZnO-modified $0.68\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-}0.32\text{PbTiO}_3$ ceramics with coexisting monoclinic and tetragonal phases. Journal of the European Ceramic Society, 2018, 38, 1456-1462.	5.7	10
57	Ultrahigh photoresponsivity MoS_2 photodetector with tunable photocurrent generation mechanism. Nanotechnology, 2018, 29, 485204.	2.6	35
58	Evolution of polar nano-regions under electric field around ferro-paraelectric transition temperature and its contribution to piezoelectric property in $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-}0.30\text{PbTiO}_3$ crystal. Ceramics International, 2018, 44, 18084-18089.	4.8	13
59	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I} \pm \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a}^{\wedge} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle_{22}$ $\langle \text{mml:math variant="normal"} \rangle W \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle_{\text{math variant="normal"} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	3.2	22
60	$\text{Bi}_0.5\text{Na}_0.5\text{TiO}_3\text{-BaTiO}_3\text{-K}_0.5\text{Na}_0.5\text{NbO}_3\text{:ZnO}$ relaxor ferroelectric composites with high breakdown electric field and large energy storage properties. Journal of the European Ceramic Society, 2018, 38, 4946-4952.	5.7	95
61	Significantly Enhanced Energy-Harvesting Performance and Superior Fatigue-Resistant Behavior in $[001]$ -Textured BaTiO_3 -Based Lead-Free Piezoceramics. ACS Applied Materials & Interfaces, 2018, 10, 31488-31497.	8.0	57
62	Spin-Glass-Like Behavior and Topological Hall Effect in $\text{SrRuO}_3/\text{SrIrO}_3$ Superlattices for Oxide Spintronics Applications. ACS Applied Materials & Interfaces, 2017, 9, 3201-3207.	8.0	64
63	Experimental Observation of Anisotropic Adler-Bell-Jackiw Anomaly in Type-II Weyl Semimetal WTe_2 Crystals at the Quasiclassical Regime. Physical Review Letters, 2017, 118, 096603.	7.8	114
64	Broadband gradient impedance matching using an acoustic metamaterial for ultrasonic transducers. Scientific Reports, 2017, 7, 42863.	3.3	60
65	The relationship between anisotropic magnetoresistance and topology of Fermi surface in Td-MoTe ₂ crystal. Journal of Applied Physics, 2017, 122, .	2.5	7
66	ZnO-enhanced electrical properties of $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ -based incipient ferroelectrics. Journal of the American Ceramic Society, 2017, 100, 5659-5667.	3.8	18
67	Ultra-low thermal conductivities along c -axis of naturally misfit layered $\text{Bi}_2[\text{AE}]_2\text{Co}_2\text{O}_y$ ($\text{AE} = \text{Tj, ET, Q, Q1}$) $1.0784314 \text{ rgBT} / \text{Over}$	3.3	12
68	Structure, Magnetism, and Tunable Negative Thermal Expansion in $(\text{Hf,Nb})\text{Fe}_2$ Alloys. Chemistry of Materials, 2017, 29, 7078-7082.	6.7	27
69	Exceptionally High Piezoelectric Coefficient and Low Strain Hysteresis in Grain-Oriented $(\text{Ba, Ca})(\text{Ti, Tj, ET, Q, Q1})$ $1.0784314 \text{ rgBT} / \text{Over}$ Materials & Interfaces, 2017, 9, 29863-29871.	8.0	154
70	Giant positive magnetoresistance in half-metallic double-perovskite Sr_2CrWO_6 thin films. Science Advances, 2017, 3, e1701473.	10.3	52
71	Stress-induced phase transition in lead-free relaxor ferroelectric composites. Acta Materialia, 2017, 136, 271-280.	7.9	111
72	Room-Temperature Multiferroics and Thermal Conductivity of $0.85\text{BiFe}_2\text{TiMgO}_3\text{-}0.15\text{CaTiO}_3$ Epitaxial Thin Films ($x = 0.1$ and 0.2). ACS Applied Materials & Interfaces, 2017, 9, 25397-25403.	8.0	154

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73	Simultaneously enhanced ferroelectric and magnetic properties in $0.675\text{BiFe}_{1-x}\text{Cr}_x\text{O}_3 \approx 0.325\text{PbTiO}_3$ ($x \approx 0.05$) ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 2435-2441.	2.2	1
74	The Microstructural Characterization of Multiferroic $\text{LaFeO}_3\text{-YMnO}_3$ Multilayers Grown on (001)- and (111)- SrTiO_3 Substrates by Transmission Electron Microscopy. <i>Materials</i> , 2017, 10, 839.	2.9	3
75	Composition-Dependent Microstructures and Properties of La , Zn , and Cr -Modified $0.675\text{BiFeO}_3 \approx 0.325\text{BaTiO}_3$ Ceramics. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2989-2994.	3.8	16
76	Dramatically decreased magnetoresistance in non-stoichiometric WTe_2 crystals. <i>Scientific Reports</i> , 2016, 6, 26903.	3.3	32
77	Chemical strain-dependent two-dimensional transport at AlO interfaces		

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91	Formation Mechanism of (001) Oriented Perovskite SrTiO ₃ Microplatelets Synthesized by Topochemical Microcrystal Conversion. Inorganic Chemistry, 2014, 53, 11060-11067.	4.0	18
92	The Competitive and Combining Effects of Grain Boundary and Antisite Defects on the Low-Field Magnetoresistance in Sr ₂ FeMoO ₆ . Journal of the American Ceramic Society, 2014, 97, 1137-1142.	3.8	11
93	Photoluminescence and Temperature Dependent Electrical Properties of Er-Doped 0.94Bi _{0.5} Na _{0.5} TiO ₃ Ceramics. Journal of the American Ceramic Society, 2014, 97, 3877-3882.	3.3	15
94	Enhanced Multiferroic and Magnetocapacitive Properties of (1-x)Ba _{0.7} Ca _{0.3} TiO ₃ Ceramics. Journal of the American Ceramic Society, 2014, 97, 816-825.	3.1	10
95	Phase transition behavior and high piezoelectric properties in lead-free BaTiO ₃ -CaTiO ₃ -BaHfO ₃ ceramics. Journal of Materials Science, 2014, 49, 62-69.	3.7	34
96	Phase Diagram and Enhanced Piezoelectric Response of Lead-Free BaTiO ₃ -CaTiO ₃ -BaHfO ₃ System. Journal of the American Ceramic Society, 2014, 97, 3244-3251.	3.1	11
97	Sensitively Temperature-Dependent Spin-Orbit Coupling in SrIrO ₃ Thin Films. Journal of the Physical Society of Japan, 2014, 83, 054707.	1.6	32
98	The microstructure and magnetic property of TiO ₂ -terminated SrTiO ₃ substrate selected growth cubic phase CaRuO ₃ film. Crystal Research and Technology, 2013, 48, 546-554.	1.3	0
99	High temperature solution growth, chemical depotassiation and growth mechanism of KxRhO ₂ crystals. CrystEngComm, 2013, 15, 5050.	2.6	15
100	Enhanced pyroelectric property in (1-x)(Bi _{0.5} Na _{0.5})TiO ₃ -xBa(Zr _{0.055} Ti _{0.945})O ₃ Role of morphotropic phase boundary and ferroelectric-antiferroelectric phase transition. Applied Physics Letters, 2013, 103, 182906.	3.3	72
101	Morphotropic phase boundary and electric properties in (1-x)Bi _{0.5} Na _{0.5} TiO ₃ -xBaSnO ₃ lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 4080-4084.	2.2	7
102	Room temperature ferromagnetism in triple perovskite Sr ₃ CrFeMoO ₉ . Journal of Materials Science: Materials in Electronics, 2013, 24, 4970-4973.	2.2	4
103	Structural Evolving Sequence and Porous Ba ₆ Zr ₂ Nb ₈ Ferroelectric Ceramics with Ultrahigh Breakdown Field and Zero Strain. Journal of the American Ceramic Society, 2013, 96, 555-560.	3.8	17
104	Thickness dependent microstructures and properties of Sr ₂ Fe _{10/9} Mo _{8/9} O ₆ films grown in N ₂ . Solid State Communications, 2013, 163, 28-32.	1.9	5
105	Quantitative control of Fe/Mo anti-site defect and its effects on the properties of Sr ₂ FeMoO ₆ . CrystEngComm, 2013, 15, 4601.	2.6	15
106	Complete set of material constants of 0.95(Na _{0.5} Bi _{0.5})TiO ₃ -0.05BaTiO ₃ lead-free piezoelectric single crystal and the delineation of extrinsic contributions. Applied Physics Letters, 2013, 103, .	3.3	66
107	The metallic interface between insulating NdGaO ₃ and SrTiO ₃ perovskites. Applied Physics Letters, 2013, 103, 201602.	3.3	25
108	Significant ferrimagnetisms observed in superlattice composed of antiferromagnetic LaFeO ₃ and YMnO ₃ . Applied Physics Letters, 2013, 102, 042403.	3.3	8

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109	Morphotropic phase boundary and electric properties in $(1-x)Bi_{0.5}Na_{0.5}TiO_3-xBiCoO_3$ lead-free piezoelectric ceramics. <i>Journal of Applied Physics</i> , 2012, 111, .	2.5	24
110	Magnetic and electrical transport properties of $Pb_{1-x}La_xTi_{1-x}Mn_xO_3$ ceramics. <i>AIP Advances</i> , 2012, 2, .	1.3	1
111	Structural stability of layered $(La_{1-x}Bi_x)_2Ti_2O_{12}$, $(Bi_{1-x}La_x)_2Ti_2O_{12}$, and $(Sr_{1-x}Ti_x)_2Ti_2O_{12}$ thin films. <i>Journal of Materials Research</i> , 2012, 27, 2956-2964.	2.6	11
112	Phase Transition and Electrical Properties of $Ba_{0.7}Ca_{0.3}TiO_{3-x}Bi_x$ Ceramics. <i>Journal of the American Ceramic Society</i> , 2012, 95, 3901-3905.		
113	Microstructure and magnetic properties of a novel 10-H hexagonal perovskite nanosheet in a $BiFeCrO$ system. <i>RSC Advances</i> , 2012, 2, 5683.	3.6	2
114	Initial growth of $Bi_4LaTi_3FeO_{15}$ thin films on $SrTiO_3$, MgO and YSZ substrates. <i>Crystal Research and Technology</i> , 2012, 47, 663-670.	1.3	0
115	The temperature-dependent electrical properties of $Bi_{0.5}Na_{0.5}TiO_3-xBaTiO_3-xBi_{0.5}K_{0.5}TiO_3$ near the morphotropic phase boundary. <i>Acta Materialia</i> , 2012, 60, 469-475.	7.9	100
116	Significant ferrimagnetism observed in Aurivillius $Bi_4Ti_3O_{12}$ doped by antiferromagnetic $LaFeO_3$. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	30
117	Phase Characteristics and Piezoelectric Properties in the $(Bi_{0.5-x}Na_{0.5-x}TiO_3-xBaTiO_3-xK_{0.5}Na_{0.5}NbO_3)_2$ System. <i>Journal of the American Ceramic Society</i> , 2010, 93, 1561-1564.		
118	Microstructure and ferromagnetic property in $CaRuO_3$ thin films with pseudoheterostructure. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	11
119	Morphotropic phase boundary and electrical properties in $(1-x)Bi_{0.5}Na_{0.5}TiO_3-xBi(Zn_{0.5}Ti_{0.5})O_3$ lead-free piezoceramics. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	50
120	Phase diagram and electrostrictive properties of $Bi_{0.5}Na_{0.5}TiO_3-xBaTiO_3-xK_{0.5}Na_{0.5}NbO_3$ ceramics. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	73
121	Morphotropic phase boundary in $(1-x)Bi_{0.5-x}Na_{0.5-x}TiO_3-x(Bi_{0.8-x}La_{0.2-x})FeO_3$ with improved depolarization temperature. <i>Physica Status Solidi - Rapid Research Letters</i> , 2009, 3, 245-247.	2.4	4
122	Temperature-Dependent Electrical Properties of $0.94Bi_{0.5-x}Na_{0.5-x}TiO_3-x0.06BaTiO_3$ Ceramics. <i>Journal of the American Ceramic Society</i> , 2008, 91, 3950-3954.	3.8	162
123	Lead-free piezoceramics with giant strain in the system $Bi_{0.5}Na_{0.5}TiO_3-xBaTiO_3-xK_{0.5}Na_{0.5}NbO_3$. I. Structure and room temperature properties. <i>Journal of Applied Physics</i> , 2008, 103, .	2.5	264
124	Morphotropic phase boundary in $(1-x)Bi_{0.5-x}Na_{0.5-x}TiO_3-xK_{0.5}Na_{0.5}NbO_3$ lead-free piezoceramics. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	224
125	Lead-free piezoceramics with giant strain in the system $Bi_{0.5}Na_{0.5}TiO_3-xBaTiO_3-xK_{0.5}Na_{0.5}NbO_3$. II. Temperature dependent properties. <i>Journal of Applied Physics</i> , 2008, 103, .	2.5	192
126	Giant strain in lead-free piezoceramics $Bi_{0.5}Na_{0.5}TiO_3-xBaTiO_3-xK_{0.5}Na_{0.5}NbO_3$ system. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	731

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127	Structure, optical, and magnetic properties of sputtered manganese and nitrogen-codoped ZnO films. Applied Physics Letters, 2006, 88, 082111.	3.3	71
128	ELECTRIC PROPERTIES OF LAYERED PEROVSKITE Sr _{0.8} A _{0.1} Bi _{2.1} Ta _{1.5} Nb _{0.5} O ₉ THIN FILMS (A = LA, PR). Integrated Ferroelectrics, 2006, 79, 187-193.	0.7	1
129	Magnetic and transport properties of (Mn, Co)-codoped ZnO films prepared by radio-frequency magnetron cosputtering. Journal of Applied Physics, 2005, 98, 053908.	2.5	60
130	Raman Spectra of Sr _{m-3} Bi ₄ Ti _m O _{3m+3} Thin Films. Materials Research Society Symposia Proceedings, 2003, 784, 3171.	0.1	0
131	Robust ferromagnetic insulating and large exchange bias in LaMnO ₃ :CoO composite thin films. Journal Physics D: Applied Physics, 0, , .	2.8	1