

Shan-Tao Zhang

List of Publications by Year in descending order

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131
papers

5,542
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94269

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Giant strain in lead-free piezoceramics $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-BaTiO}_3\text{-K}_{0.5}\text{Na}_{0.5}\text{NbO}_3$ system. Applied Physics Letters, 2007, 91, .	1.5	731
2	Lead-free piezoceramics with giant strain in the system $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-BaTiO}_3\text{-K}_{0.5}\text{Na}_{0.5}\text{NbO}_3$. I. Structure and room temperature properties. Journal of Applied Physics, 2008, 103, .	1.1	264
3	Semiconductor/relaxor $\text{O}^2\text{-}3$ type composites without thermal depolarization in $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ -based lead-free piezoceramics. Nature Communications, 2015, 6, 6615.	5.8	263
4	Morphotropic phase boundary in $(1-x)\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-}x\text{K}_{0.5}\text{Na}_{0.5}\text{NbO}_3$ lead-free piezoceramics. Applied Physics Letters, 2008, 92, .	1.5	224
5	Lead-free piezoceramics with giant strain in the system $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-BaTiO}_3\text{-K}_{0.5}\text{Na}_{0.5}\text{NbO}_3$. II. Temperature dependent properties. Journal of Applied Physics, 2008, 103, .	1.1	192
6	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
7	Programmable transition metal dichalcogenide homojunctions controlled by nonvolatile ferroelectric domains. Nature Electronics, 2020, 3, 43-50.	13.1	167
8	Temperature-Dependent Electrical Properties of $0.94\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-}0.06\text{BaTiO}_3$ Ceramics. Journal of the American Ceramic Society, 2008, 91, 3950-3954.	1.9	162
9	Exceptionally High Piezoelectric Coefficient and Low Strain Hysteresis in Grain-Oriented $(\text{Ba}, \text{Ca})(\text{Ti}, \text{Tj})\text{ETQq1}$. <i>Overl</i> Materials & Interfaces, 2017, 9, 29863-29871.	4.0	154
10	Ultrahigh energy storage density in lead-free relaxor antiferroelectric ceramics via domain engineering. Energy Storage Materials, 2021, 43, 383-390.	9.5	119
11	MoTe_2 Homojunctions Defined by Ferroelectric Polarization. Advanced Materials, 2020, 32, e1907937.	11.1	115
12	Experimental Observation of Anisotropic Adler-Bell-Jackiw Anomaly in Type-II Weyl Semimetal Crystals at the Quasiclassical Regime. Physical Review Letters, 2017, 118, 096603.	2.9	114
13	Stress-induced phase transition in lead-free relaxor ferroelectric composites. Acta Materialia, 2017, 136, 271-280.	3.8	111
14	The temperature-dependent electrical properties of $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-BaTiO}_3\text{-Bi}_{0.5}\text{K}_{0.5}\text{TiO}_3$ near the morphotropic phase boundary. Acta Materialia, 2012, 60, 469-475.	3.8	100
15	$\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-BaTiO}_3\text{-K}_{0.5}\text{Na}_{0.5}\text{NbO}_3\text{:ZnO}$ relaxor ferroelectric composites with high breakdown electric field and large energy storage properties. Journal of the European Ceramic Society, 2018, 38, 4946-4952.	2.8	95
16	Enhanced energy storage properties of lead-free NaNbO_3 -based ceramics via A/B-site substitution. Chemical Engineering Journal, 2021, 422, 130130.	6.6	95
17	Zero Thermal Expansion in Magnetic and Metallic $\text{Tb}(\text{Co}, \text{Fe})_2$ Intermetallic Compounds. Journal of the American Chemical Society, 2018, 140, 602-605.	6.6	87
18	Progress and perspective of high strain NBT-based lead-free piezoceramics and multilayer actuators. Journal of Materiomics, 2021, 7, 508-544.	2.8	76

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19	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.	2.7	75
20	Phase diagram and electrostrictive properties of $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-BaTiO}_3\text{-K}_{0.5}\text{Na}_{0.5}\text{NbO}_3$ ceramics. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	73
21	Enhanced pyroelectric property in $(1-x)(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3\text{-xBa}(\text{Zr}_{0.055}\text{Ti}_{0.945})\text{O}_3$ Role of morphotropic phase boundary and ferroelectric-antiferroelectric phase transition. <i>Applied Physics Letters</i> , 2013, 103, 182906.	1.5	72
22	Structure, optical, and magnetic properties of sputtered manganese and nitrogen-codoped ZnO films. <i>Applied Physics Letters</i> , 2006, 88, 082111.	1.5	71
23	Enhanced electromechanical properties and phase transition temperatures in [001] textured $\text{Pb}(\text{In}_{1/2}\text{Nb}_{1/2})\text{O}_3\text{-Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-PbTiO}_3$ ternary ceramics. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	67
24	Complete set of material constants of $0.95(\text{Na}_{0.5}\text{Bi}_{0.5})\text{TiO}_3\text{-0.05BaTiO}_3$ lead-free piezoelectric single crystal and the delineation of extrinsic contributions. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	66
25	Spin-Glass-Like Behavior and Topological Hall Effect in $\text{SrRuO}_3/\text{SrIrO}_3$ Superlattices for Oxide Spintronics Applications. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3201-3207.	4.0	64
26	Magnetic and transport properties of (Mn, Co)-codoped ZnO films prepared by radio-frequency magnetron cosputtering. <i>Journal of Applied Physics</i> , 2005, 98, 053908.	1.1	60
27	Broadband gradient impedance matching using an acoustic metamaterial for ultrasonic transducers. <i>Scientific Reports</i> , 2017, 7, 42863.	1.6	60
28	Tunable semimetallic state in compressive-strained SrIrO_3 films revealed by transport behavior. <i>Physical Review B</i> , 2015, 91, .	1.1	59
29	Enhanced photocatalytic efficiency of $\text{Ca}_3\text{N}_4/\text{BiFeO}_3$ heterojunctions: the synergistic effects of band alignment and ferroelectricity. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3648-3657.	1.3	57
30	Significantly Enhanced Energy-Harvesting Performance and Superior Fatigue-Resistant Behavior in [001]-Textured BaTiO_3 -Based Lead-Free Piezoceramics. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31488-31497.	4.0	57
31	Enhanced Piezoelectric Properties and Thermal Stability in the $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3\text{:ZnO}$ Lead-Free Piezoelectric Composites. <i>Journal of the American Ceramic Society</i> , 2015, 98, 3935-3941.	1.9	52
32	Giant positive magnetoresistance in half-metallic double-perovskite Sr_2CrWO_6 thin films. <i>Science Advances</i> , 2017, 3, e1701473.	4.7	52
33	Morphotropic phase boundary and electrical properties in $(1-x)\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-xBi}(\text{Zn}_{0.5}\text{Ti}_{0.5})\text{O}_3$ lead-free piezoceramics. <i>Journal of Applied Physics</i> , 2010, 107, .	1.1	50
34	Ultrahigh energy harvesting properties in textured lead-free piezoelectric composites. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3603-3611.	5.2	43
35	Phase Diagram and Enhanced Piezoelectric Response of Lead-Free $\text{BaTiO}_3\text{-CaTiO}_3\text{-BaHfO}_3$ System. <i>Journal of the American Ceramic Society</i> , 2014, 97, 3244-3251.	4.1	41
36	$\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{:ZnO}$ lead-free piezoelectric composites with deferred thermal depolarization. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	41

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37	Thermally-stable large strain in Bi(Mn _{0.5} Ti _{0.5})O ₃ modified 0.8Bi _{0.5} Na _{0.5} TiO ₃ -0.2Bi _{0.5} K _{0.5} TiO ₃ ceramics. Journal of the European Ceramic Society, 2019, 39, 1827-1836.	2.8	39
38	Novel lead-free NaNbO ₃ -based relaxor antiferroelectric ceramics with ultrahigh energy storage density and high efficiency. Journal of Materiomics, 2022, 8, 295-301.	2.8	39
39	Highly enhanced thermal stability in quenched Na _{0.5} Bi _{0.5} TiO ₃ -based lead-free piezoceramics. Journal of the European Ceramic Society, 2019, 39, 4705-4711.	2.8	37
40	Ultrahigh photoresponsivity MoS ₂ photodetector with tunable photocurrent generation mechanism. Nanotechnology, 2018, 29, 485204.	1.3	35
41	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. ACS Applied Materials & Interfaces, 2022, 14, 19704-19713.	4.0	35
42	Phase transition behavior and high piezoelectric properties in lead-free BaTiO ₃ â€“CaTiO ₃ â€“BaHfO ₃ ceramics. Journal of Materials Science, 2014, 49, 62-69.	1.7	34
43	Negative thermal expansion in (Sc,Ti)Fe ₂ induced by an unconventional magnetovolume effect. Materials Horizons, 2020, 7, 275-281.	6.4	34
44	Sensitively Temperature-Dependent Spinâ€“Orbit Coupling in SrIrO ₃ Thin Films. Journal of the Physical Society of Japan, 2014, 83, 054707.	0.7	32
45	Dramatically decreased magnetoresistance in non-stoichiometric WTe ₂ crystals. Scientific Reports, 2016, 6, 26903.	1.6	32
46	Significant ferrimagnetism observed in Aurivillius Bi ₄ Ti ₃ O ₁₂ doped by antiferromagnetic LaFeO ₃ . Applied Physics Letters, 2011, 98, .	1.5	30
47	Enhanced Multiferroic and Magnetocapacitive Properties of (1- <i>x</i>)Ba _{0.7} Ca _{0.3} TiO ₃ Ceramics. Journal of the American Ceramic Society, 2014, 97, 816-825.		
48	Simultaneous achievement of ultrahigh energy storage density and high efficiency in BiFeO ₃ -based relaxor ferroelectric ceramics via a highly disordered multicomponent design. Journal of Materials Chemistry A, 2022, 10, 14316-14325.	5.2	30
49	Structure, Magnetism, and Tunable Negative Thermal Expansion in (Hf,Nb)Fe ₂ Alloys. Chemistry of Materials, 2017, 29, 7078-7082.	3.2	27
50	The metallic interface between insulating NdGaO ₃ and SrTiO ₃ perovskites. Applied Physics Letters, 2013, 103, 201602.	1.5	25
51	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.		
52	Mn doping effects on electric properties of 0.93(Bi _{0.5} Na _{0.5})TiO ₃ â€“0.07Ba(Ti _{0.945} Zr _{0.055})O ₃ ceramics. Journal of the American Ceramic Society, 2018, 101, 2996-3004.		
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55	Phase Characteristics and Piezoelectric Properties in the Bi _{0.5} Na _{0.5} TiO ₃ –BaTiO ₃ –K _{0.5} Na _{0.5} NbO ₃ System. <i>Journal of the American Ceramic Society</i> , 2010, 93, 1561-1564.		
56	Phase transitional behavior and electrical properties of Pb(In _{1/2} Nb _{1/2})O ₃ –Pb(Mg _{1/3} Nb _{2/3})O ₃ –PbTiO ₃ ternary ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 1874-1880.	1.1	22
57	Densification behavior and electrical properties of CuO-doped Pb(In _{1/2} Nb _{1/2})O ₃ –Pb(Mg _{1/3} Nb _{2/3})O ₃ –PbTiO ₃ ternary ceramics. <i>Ceramics International</i> , 2016, 42, 7223-7229.	2.3	22
58	Shubnikov–de Haas oscillations in bulk $ZrTe_5$ single crystals: Evidence for a weak topological insulator. <i>Physical Review B</i> , 2018, 97, compensated	1.1	22
59	W_2P_2 compensated crystals. <i>Physical Review B</i> , 2018, 97, .	1.1	22
60	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.	2.7	22
61	Temperature dependent structures and properties of Bi _{0.5} Na _{0.5} TiO ₃ -based lead free piezoelectric composite. <i>Dalton Transactions</i> , 2016, 45, 10891-10896.	1.6	21
62	Formation Mechanism of (001) Oriented Perovskite SrTiO ₃ Microplatelets Synthesized by Topochemical Microcrystal Conversion. <i>Inorganic Chemistry</i> , 2014, 53, 11060-11067.	1.9	18
63	Zn-enhanced electrical properties of Bi _{0.5} Na _{0.5} TiO ₃ -based incipient ferroelectrics. <i>Journal of the American Ceramic Society</i> , 2017, 100, 5659-5667.	1.9	18
64	Structural Evolving Sequence and Porous Ba ₆ Zr ₂ Nb ₈ Ferroelectric Ceramics with Ultrahigh Breakdown Field and Zero Strain. <i>Journal of the American Ceramic Society</i> , 2013, 96, 555-560.	1.9	17
65	Strong correlation of the growth mode and electrical properties of BiCuSeO single crystals with growth temperature. <i>CrystEngComm</i> , 2015, 17, 6136-6141.	1.3	17
66	Composition-Dependent Microstructures and Properties of La _{0.675} BiFeO ₃ –0.325BaTiO ₃ Ceramics. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2989-2994.	1.9	16
67	Layering dominated electrical and magnetotransport properties in the quasi-two-dimensional Fermi liquid single-crystal B_2O_2Se .	1.1	16
68	High temperature solution growth, chemical depotassiation and growth mechanism of KxRhO ₂ crystals. <i>CrystEngComm</i> , 2013, 15, 5050.	1.3	15
69	Quantitative control of Fe/Mo anti-site defect and its effects on the properties of Sr ₂ FeMoO ₆ . <i>CrystEngComm</i> , 2013, 15, 4601.	1.3	15
70	Structure and excellent visible light catalysis of Prussian blue analogues BiFe(CN) ₆ ·4H ₂ O. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 438-445.	3.0	15
71	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.	2.8	15
72	Topochemical transformation of single crystalline SrTiO ₃ microplatelets from Bi ₄ Ti ₃ O ₁₂ precursors and their orientation-dependent surface piezoelectricity. <i>CrystEngComm</i> , 2018, 20, 3084-3095.	1.3	14

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73	Electromechanical Response from LaAlO ₃ /SrTiO ₃ Heterostructures. ACS Applied Materials & Interfaces, 2015, 7, 10146-10151.	4.0	13
74	Evolution of polar nano-regions under electric field around ferro-paraelectric transition temperature and its contribution to piezoelectric property in Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.30PbTiO ₃ crystal. Ceramics International, 2018, 44, 18084-18089.	2.3	13
75	High pyroelectric performance due to ferroelectric-antiferroelectric transition near room temperature. Journal of Materials Chemistry C, 2020, 8, 7820-7827.	2.7	13
76	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. Journal of the European Ceramic Society, 2022, 42, 2743-2751.	2.8	13
77	Ultra-low thermal conductivities along <i>c</i> -axis of naturally misfit layered Bi ₂ [AE] ₂ Co ₂ O _y (AE =) Tj ETQq1 1 0.784314 rgBT /Over 1.5 12	1.5	12
78	Structural and electrical properties of ZnO-modified (1-x)Pb(Mg _{1/3} Nb _{2/3})O ₃ -xPbTiO ₃ ceramics with wide MPB regions. Journal of the American Ceramic Society, 2019, 102, 1866-1874.	1.9	12
79	Energy storage property of (Pb _{0.97} La _{0.02})(Zr _{0.5} Sn _{0.4} Ti _{0.1})O ₃ -(Na _{0.5} Bi _{0.5}) _{0.94} Ba _{0.06} TiO ₃ ceramics: Effects of antiferroelectric-relaxor transition and improved breakdown strength. Journal of the European Ceramic Society, 2020, 40, 2996-3002.	2.8	12
80	Microstructure and ferromagnetic property in CaRuO ₃ thin films with pseudoheterostructure. Applied Physics Letters, 2010, 96, .	1.5	11
81	Structural stability of layered (x)Bi ₄ Ti ₃ O ₁₂ , BiFeO ₃ -Bi ₄ Ti ₃ O ₁₂ , and SrTiO ₃ -Bi ₄ Ti ₃ O ₁₂ thin films. Journal of Materials	1.2	11
82	The Competitive and Combining Effects of Grain Boundary and Fe-Mo Antisite Defects on the Low-Field Magnetoresistance in Sr ₂ FeMoO ₆ . Journal of the American Ceramic Society, 2014, 97, 1137-1142.	1.9	11
83	Lattice dynamics of K _x RhO ₂ single crystals. AIP Advances, 2015, 5, .	0.6	11
84	Thermally stable energy storage properties in relaxor BNT-BT-modified antiferroelectric PNZST ceramics. Journal of the American Ceramic Society, 2020, 103, 5769-5777.	1.9	11
85	Synthesis, structures and properties of single phase BiFeO ₃ and Bi ₂ Fe ₄ O ₉ powders by hydrothermal method. Journal of Materials Science: Materials in Electronics, 2015, 26, 6887-6891.	1.1	10
86	Improved Curie temperature, electromechanical properties and thermal stability in ZnO-modified 0.68Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.32PbTiO ₃ ceramics with coexisting monoclinic and tetragonal phases. Journal of the European Ceramic Society, 2018, 38, 1456-1462.	2.8	10
87	Two-dimensional series connected photovoltaic cells defined by ferroelectric domains. Applied Physics Letters, 2020, 116, .	1.5	10
88	Phase Transition and Electrical Properties of (x)Ba _{0.7} (y)Ca _{0.3} (z)TiO ₃ Ceramics. Journal of the American Ceramic Society, 2012, 95, 3901-3905.	1.9	9
89	Domain structure and evolution in ZnO-modified Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.32PbTiO ₃ ceramics. Journal of the American Ceramic Society, 2019, 102, 4874-4881.	1.9	9
90	Significant ferrimagnetisms observed in superlattice composed of antiferromagnetic LaFeO ₃ and YMnO ₃ . Applied Physics Letters, 2013, 102, 042403.	1.5	8

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91	Domain structures and piezoelectric properties of low-temperature sintered (Ba _{0.95} Ca _{0.05})(Ti _{0.94} Sn _{0.06})O ₃ ceramics with CuO additive. <i>Materials Letters</i> , 2016, 177, 128-131.	1.3	8
92	Morphotropic phase boundary and electric properties in (1-x)Bi _{0.5} Na _{0.5} TiO ₃ -xBaSnO ₃ lead-free piezoelectric ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 4080-4084.	1.1	7
93	The relationship between anisotropic magnetoresistance and topology of Fermi surface in Td-MoTe ₂ crystal. <i>Journal of Applied Physics</i> , 2017, 122, .	1.1	7
94	Chemical strain-dependent two-dimensional transport at interfaces		

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109	Transition in temperature scaling behaviors and super temperature stable polarization in BiScO ₃ –PbZrO ₃ –PbTiO ₃ system. <i>Journal of the American Ceramic Society</i> , 2020, 103, 3691-3697.	1.9	4
110	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.	1.9	4
111	The critical role of spin rotation in the giant magnetostriction of La(Fe,Al) ₁₃ . <i>Science China Materials</i> , 2021, 64, 1238-1245.	3.5	4
112	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, .	2.6	4
113	Room-Temperature Multiferroics and Thermal Conductivity of 0.85BiFe ₂ Ti ₂ Mg ₂ O ₃ –0.15CaTiO ₃ Epitaxial Thin Films (<i>x</i> = 0.1 and 0.2). <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 25397-25403.	1.3	3
114	The Microstructural Characterization of Multiferroic LaFeO ₃ -YMnO ₃ Multilayers Grown on (001)- and (111)-SrTiO ₃ Substrates by Transmission Electron Microscopy. <i>Materials</i> , 2017, 10, 839.	1.3	3
115	Non-hydrostatic pressure-dependent structural and transport properties of BiCuSeO and BiCuSO single crystals. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 105702.	0.7	3
116	Microstructure and magnetic properties of a novel 10-H hexagonal perovskite nanosheet in a BiFeCrO system. <i>RSC Advances</i> , 2012, 2, 5683.	1.7	2
117	Crossover from negative to positive magnetoresistance in Sr ₂ CrWO ₆ /Sr ₂ Fe _{10/9} Mo _{8/9} O ₆ superlattices. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 225001.	0.7	2
118	Phase transition, ferroelectric and piezoelectric properties of B-site complex cations (Fe _{0.5} Nb _{0.5}) ₄₊ -modified Ba _{0.70} Ca _{0.30} TiO ₃ ceramics. <i>Ceramics International</i> , 2020, 46, 9519-9529.	2.3	2
119	Microstructure, ferroelectric and piezoelectric properties of MnO ₂ -modified Ba _{0.70} Ca _{0.30} TiO ₃ lead-free ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 9352-9365.	1.1	2
120	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.	2.8	2
121	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, .	1.5	2
122	Structural Distortion-Modulated Magnetic and Dielectric Properties in Nonstoichiometric Yb ₂ Ti ₂ O ₇ Pyrochlore. <i>Inorganic Chemistry</i> , 2022, 61, 10425-10434.	1.9	2
123	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). <i>Integrated Ferroelectrics</i> , 2006, 79, 187-193.	0.3	1
124	Magnetic and electrical transport properties of Pb _{1-x} La _x Ti _{1-x} Mn _x O ₃ ceramics. <i>AIP Advances</i> , 2012, 2, .	0.6	1
125	Simultaneously enhanced ferroelectric and magnetic properties in 0.675BiFe _{1-x} Cr _x O ₃ –0.325PbTiO ₃ (x = 0.05) ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 2435-2441.	1.1	1
126	Robust ferromagnetic insulating and large exchange bias in LaMnO ₃ :CoO composite thin films. <i>Journal Physics D: Applied Physics</i> , 0, , .	1.3	1

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127	Raman Spectra of Sr _{1-x} Bi _{4x} Ti _{3m+3} O _{3m+3} Thin Films. Materials Research Society Symposia Proceedings, 2003, 784, 3171.	0.1	0
128	Initial growth of Bi ₄ LaTi ₃ FeO ₁₅ thin films on SrTiO ₃ , MgO and YSZ substrates. Crystal Research and Technology, 2012, 47, 663-670.	0.6	0
129	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.	0.6	0
130	Copper foam sustained silica aerogel for high-efficiency acoustic absorption. AIP Advances, 2019, 9, 015209.	0.6	0
131	Enhanced relaxor behavior and thermal- and frequency-insensitive strain of (Na _{0.5} Bi _{0.5}) _{0.93} Ba _{0.07} Ti _{1-x} (Mn ^{1/3} Nb ^{2/3}) _x O ₃ ceramics. Journal of Applied Physics, 2020, 127, 194101.	1.1	0