

Xihong Hao

List of Publications by Year in descending order

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171
papers

8,262
citations

50170

46
h-index

53109

85
g-index

172
all docs

172
docs citations

172
times ranked

4527
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient sono-piezo-photo synergistic catalysis in bismuth layered ferroelectrics via finely distinguishing sonochemical and electromechanochemical processes. <i>Journal of Materiomics</i> , 2022, 8, 47-58.	2.8	13
2	Enhanced room temperature electrocaloric effect in lead-free relaxor ferroelectric NBT ceramics with excellent temperature stability. <i>Journal of Alloys and Compounds</i> , 2022, 892, 162241.	2.8	10
3	Enhanced energy-storage properties and charge-discharge performances in Sm ³⁺ modified (Na _{0.5} Bi _{0.5})TiO ₃ -SrTiO ₃ lead-free relaxor ferroelectric ceramics. <i>Materials Research Bulletin</i> , 2022, 148, 111675.	2.7	10
4	Optimization of energy-storage properties for lead-free relaxor-ferroelectric (1-x)Na _{0.5} Bi _{0.5} TiO ₃ -xSr _{0.7} Nd _{0.2} TiO ₃ ceramics. <i>Journal of Materials Science</i> , 2022, 57, 217-228.	1.7	16
5	High-Performance Ferroelectric Electromagnetic Attenuation Materials with Multiple Polar Units Based on Nanodomain Engineering. <i>Small</i> , 2022, 18, e2106302.	5.2	26
6	Fast self-bleaching Nb ₂ O ₅ -based photochromics for high security dynamic anti-counterfeiting and optical storage applications. <i>Chemical Engineering Journal</i> , 2022, 435, 134801.	6.6	14
7	Enhanced energy storage in Sn-doped sodium bismuth titanate lead-free relaxor ferroelectric ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 5265-5272.	1.1	5
8	Flexible multilayer lead-free film capacitor with high energy storage performances via heterostructure engineering. <i>Journal of Materiomics</i> , 2022, 8, 772-780.	2.8	12
9	Large Room-Temperature Electrocaloric Response Realized in Potassium-Sodium Niobate by a Relaxor Enhancement Effect and Multilayer Ceramic Construct. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 11626-11635.	4.0	13
10	High performance self-powered photodetector based on ferroelectric (001)-oriented Bi _{0.9} La _{0.1} FeO ₃ thin film. <i>Thin Solid Films</i> , 2022, 754, 139289.	0.8	8
11	High-Performance PbZrO ₃ -based antiferroelectric multilayer capacitors based on multiple enhancement strategy. <i>Chemical Engineering Journal</i> , 2022, 446, 136729.	6.6	10
12	Achieving ultra-short discharge time and high energy density in lead-based antiferroelectric ceramics by A-site substitution. <i>Chemical Engineering Journal</i> , 2022, 447, 137367.	6.6	10
13	Enhanced electrocaloric effect in lead-free ferroelectric potassium-sodium niobate ceramics benefiting from phase boundary design. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 17322-17330.	1.1	3
14	High energy-storage density and efficiency in PbZrO ₃ -based antiferroelectric multilayer ceramic capacitors. <i>Journal of the European Ceramic Society</i> , 2022, 42, 6493-6503.	2.8	20
15	Enhanced Energy-Storage Performances in Sodium Bismuth Titanate-Based Relaxation Ferroelectric Ceramics with Optimized Polarization by Tuning Sintering Temperature. <i>Materials</i> , 2022, 15, 4981.	1.3	1
16	Enhanced electrocaloric effect of relaxor potassium sodium niobate lead-free ceramic via multilayer structure. <i>Scripta Materialia</i> , 2021, 193, 97-102.	2.6	16
17	High transmittance and optical storage behaviors in Tb ³⁺ doped K _{0.5} Na _{0.5} NbO ₃ -based ferroelectric materials. <i>Journal of the European Ceramic Society</i> , 2021, 41, 1211-1220.	2.8	32
18	Ultra-high energy density induced by diversified enhancement effects in (Pb _{0.98} ^x La _{0.02} Cax)(Zr _{0.7} Sn _{0.3}) _{0.995} O ₃ antiferroelectric multilayer ceramic capacitors. <i>Chemical Engineering Journal</i> , 2021, 417, 128032.	6.6	34

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19	Highly efficient synergetic piezo/photocatalytic degradation in novel $M_{0.5}Bi_{2.5}Nb_2O_9$ (M=Li, Na, K) ferroelectric nanosheets. <i>Ceramics International</i> , 2021, 47, 8573-8583.	2.3	10
20	Rare earth orthoniobate photochromics with self-activated upconversion emissions for high-performance optical storage applications. <i>Journal of Materials Chemistry C</i> , 2021, 9, 13841-13850.	2.7	14
21	Systematical investigation on energy-storage behavior of PLZST antiferroelectric ceramics by composition optimizing. <i>Journal of the American Ceramic Society</i> , 2021, 104, 2170-2180.	1.9	32
22	Site-selective Occupancy of Eu^{2+} toward High Luminescence Switching Contrast in $BaMgSiO_4$ -Based Photochromic Materials. <i>Advanced Optical Materials</i> , 2021, 9, 2001626.	3.6	35
23	Synergistically achieving ultrahigh energy-storage density and efficiency in linear-like lead-based multilayer ceramic capacitor. <i>Scripta Materialia</i> , 2021, 195, 113723.	2.6	23
24	Giant Energy-Storage Density and Thermally Activated Phase Transition in $(Pb_{0.96}La_{0.04})(Zr_{0.99}Ti_{0.01})O_3$ Antiferroelectric Ceramics. <i>ACS Applied Energy Materials</i> , 2021, 4, 4897-4902.	2.5	19
25	Large photocurrent density in polycrystalline hexagonal $YMnO_3$ thin film induced by ferroelectric polarization and the positive driving effect of grain boundary. <i>Solar Energy Materials and Solar Cells</i> , 2021, 224, 111009.	3.0	19
26	Simultaneously achieving ultrahigh energy density and power density in $PbZrO_3$ -based antiferroelectric ceramics with field-induced multistage phase transition. <i>Journal of Alloys and Compounds</i> , 2021, 868, 159149.	2.8	26
27	Multicolor and multimode luminescent modulation via energy transfer engineering in Tb^{3+}/Eu^{3+} -co-doped $(K_{0.5}Na_{0.5})NbO_3$ transparent photochromic materials. <i>Journal of Alloys and Compounds</i> , 2021, 873, 159852.	2.8	15
28	Stable photovoltaic output and optically tunable resistive switching in all-inorganic flexible ferroelectric thin film with self-polarization characteristic. <i>Acta Materialia</i> , 2021, 217, 117173.	3.8	15
29	High energy-storage all-inorganic Mn-doped $Bi_{0.5}Na_{0.5}TiO_3$ - $BiNi_{0.5}Zr_{0.5}O_3$ film capacitor with characteristics of flexibility and plasticity. <i>Journal of Alloys and Compounds</i> , 2021, 879, 160506.	2.8	6
30	Enhanced energy storage properties of lead-free $NaNbO_3$ -based ceramics via A/B-site substitution. <i>Chemical Engineering Journal</i> , 2021, 422, 130130.	6.6	95
31	Controllable self-assembly from homonuclear Mn(II)-MOF to heteronuclear Mn(II)-K(I)-MOF by alkali-regulation: A novel mode of structural and luminescent regulation for off-on sensing ascorbic acid. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6160.	1.7	0
32	Enhanced energy-storage properties of lead-free $Bi_{0.5}Na_{0.5}TiO_3$ -based relaxor ferroelectric ceramics by tuning sintering temperature. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 26258-26267.	1.1	4
33	Achieving Large Electrocaloric Effect in a Wide Temperature Span for $(Na_{1/2}Bi_{1/2})TiO_3$ -Based Ceramics via the Synergic Effect of A-Site Vacancies and B-Site Complex Cations. <i>ACS Applied Electronic Materials</i> , 2021, 3, 5023-5030.	2.0	10
34	Enhanced photovoltaic effect in $Bi_2FeMo_{0.7}Ni_{0.3}O_6$ ferroelectric thin films by tuning the thickness. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1359-1365.	2.7	13
35	Dielectric property and energy-storage performance of $(1-x)PbTiO_3-xBi(Mg_{0.5}Zr_{0.5})O_3$ relaxor ferroelectric thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 2063-2072.	1.1	9
36	High energy-storage performance of PLZS antiferroelectric multilayer ceramic capacitors. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 756-764.	3.0	59

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37	Single-band near-infrared upconversion emission and visible-light absorption in highly doped pseudo-perovskite oxides. <i>Solar Energy Materials and Solar Cells</i> , 2020, 205, 110253.	3.0	6
38	High energy-storage density under low electric field in lead-free relaxor ferroelectric film based on synergistic effect of multiple polar structures. <i>Journal of Power Sources</i> , 2020, 448, 227457.	4.0	56
39	Photochromic and energy storage properties in $K_{0.5}Na_{0.5}NbO_3$ -based ferroelectrics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 19277-19292.	1.1	6
40	Optical control of Er^{3+} -doped $M_{0.5}Bi_{2.5}Nb_2O_9$ ($M = Li, Na, K$) materials for thermal stability and temperature sensing using photochromic reactions. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15685-15696.	2.7	19
41	Simultaneous Yb^{3+} -Induced Phase Transition and Sensitized Luminescence in Er^{3+} -Doped KNN-Based Lead-Free Ceramics for Optical Thermometry. <i>ACS Applied Electronic Materials</i> , 2020, 2, 3028-3038.	2.0	3
42	Winning wide-temperature-range and high-sensitive thermometry by a multichannel strategy of dual-lanthanides in the new tungstate phosphors. <i>Journal of Alloys and Compounds</i> , 2020, 834, 154998.	2.8	28
43	Reversible photoluminescence modulation in praseodymium-doped bismuth titanate ceramics for information storage based on photochromic reaction. <i>Ceramics International</i> , 2020, 46, 18507-18517.	2.3	25
44	UV-Vis-NIR broadband-photostimulated luminescence of $LiTaO_3:Bi^{3+}$ long-persistent phosphor and the optical storage properties. <i>Chemical Engineering Journal</i> , 2020, 392, 124807.	6.6	91
45	Enhanced energy-storage performance of an all-inorganic flexible bilayer-like antiferroelectric thin film using electric field engineering. <i>Nanoscale</i> , 2020, 12, 8958-8968.	2.8	26
46	Enhancing output performances and output retention rates of triboelectric nanogenerators via a design of composite inner-layers with coupling effect and self-assembled outer-layers with superhydrophobicity. <i>Nano Energy</i> , 2020, 76, 105074.	8.2	29
47	A high-performance triboelectric nanogenerator with improved output stability by construction of biomimetic superhydrophobic nanoporous fibers. <i>Nanotechnology</i> , 2020, 31, 215401.	1.3	25
48	Electro-optical effect and optical absorption in $(K,Na)NbO_3$ -based piezoceramics. <i>Scripta Materialia</i> , 2020, 178, 398-401.	2.6	5
49	Optical temperature sensing and luminescent switching properties in Pr/Er -doped $(K_{0.5}Na_{0.5})NbO_3$ materials. <i>Journal of the American Ceramic Society</i> , 2020, 103, 3205-3216.	1.9	17
50	Synergistically optimizing electrocaloric effects and temperature span in KNN-based ceramics utilizing a relaxor multiphase boundary. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4030-4039.	2.7	57
51	Electrocaloric behavior and piezoelectric effect in relaxor $NaNbO_3$ -based ceramics. <i>Journal of the American Ceramic Society</i> , 2019, 102, 2578-2586.	1.9	16
52	Dielectric property and energy-storage performance of (100)-preferred $(1-x)PbTiO_3-xBi(Mg_{0.5}Ti_{0.5})O_3$ relaxor ferroelectric thin films. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151796.	2.8	7
53	Defect modulated luminescent and photochromic behaviors in Pr/Er codoped $Na_{0.5}Bi_{2.5}Nb_2O_9$ ceramics for display and optical storage. <i>Journal of Luminescence</i> , 2019, 215, 116626.	1.5	19
54	High energy density and efficiency in $(Pb,La)(Zr,Sn,Ti)O_3$ antiferroelectric ceramics with high La^{3+} content and optimized Sn^{4+} content. <i>Ceramics International</i> , 2019, 45, 24419-24424.	2.3	26

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55	Multifunctional All-Inorganic Flexible Capacitor for Energy Storage and Electrocaloric Refrigeration over a Broad Temperature Range Based on PLZT 9/65/35 Thick Films. ACS Applied Materials & Interfaces, 2019, 11, 34117-34127.	4.0	66
56	Antiferroelectric thick film grown on metal foils with fast discharge speed and excellent energy-storage properties. Journal of Materials Science: Materials in Electronics, 2019, 30, 11945-11951.	1.1	7
57	A new strategy to realize high comprehensive energy storage properties in lead-free bulk ceramics. Journal of Materials Chemistry C, 2019, 7, 7993-8002.	2.7	181
58	Stable energy density of a PMN ϵ -PST ceramic from room temperature to its Curie point based on the synergistic effect of diversified energy. Journal of Materials Chemistry C, 2019, 7, 7692-7699.	2.7	50
59	Electrocaloric effect and pyroelectric performance in (K,Na)NbO ₃ -based lead-free ceramics. Journal of the American Ceramic Society, 2019, 102, 6817-6826.	1.9	42
60	Flexible antiferroelectric thick film deposited on nickel foils for high energy-storage capacitor. Journal of the American Ceramic Society, 2019, 102, 6107-6114.	1.9	28
61	Bio-inspired hydrophobic/cancellous/hydrophilic Trimurti PVDF mat-based wearable triboelectric nanogenerator designed by self-assembly of electro-pore-creating. Nano Energy, 2019, 61, 486-495.	8.2	73
62	Photochromism-induced light scattering and photoswitching in Er doped (K,Na)NbO ₃ transparent ceramics. Journal of the American Ceramic Society, 2019, 102, 6732-6740.	1.9	24
63	Superior energy-storage properties in (Pb,La)(Zr,Sn,Ti)O ₃ antiferroelectric ceramics with appropriate La content. Ceramics International, 2019, 45, 11375-11381.	2.3	49
64	Ultra-high energy-storage density and fast discharge speed of (Pb _{0.98} ϵ x _{0.02} Sr _x)(Zr _{0.9} Sn _{0.1}) _{0.995} O ₃ antiferroelectric ceramics prepared via the tape-casting method. Journal of Materials Chemistry A, 2019, 7, 11858-11866.	5.2	159
65	A high-power wearable triboelectric nanogenerator prepared from self-assembled electrospun poly(vinylidene fluoride) fibers with a heart-like structure. Journal of Materials Chemistry A, 2019, 7, 11724-11733.	5.2	72
66	Achieving multicolor emission readout and tunable photoswitching via multiplexing of dual lanthanides in ferroelectric oxides. Journal of Materials Chemistry C, 2019, 7, 5782-5791.	2.7	33
67	Quantifying the triboelectric series. Nature Communications, 2019, 10, 1427.	5.8	1,107
68	Broad-temperature-span and large electrocaloric effect in lead-free ceramics utilizing successive and metastable phase transitions. Journal of Materials Chemistry A, 2019, 7, 25526-25536.	5.2	63
69	Tuning the ferroelectric, dielectric and photoluminescence properties of 0.88(Na _{0.5} Bi _{0.5})TiO ₃ -0.12BaTiO ₃ ceramics by Sm ion doping. Journal of Advanced Dielectrics, 2019, 09, 1950041.	1.5	4
70	Enhanced electromagnetic interference shielding with low reflection induced by heterogeneous double-layer structure in BiFeO ₃ /BaFe ₇ (MnTi) _{2.5} O ₁₉ composite. Journal of Alloys and Compounds, 2019, 772, 99-104.	2.8	24
71	Reversible up-conversion emission and photo-switching properties in Er doped (K,Na)NbO ₃ ferroelectrics. Journal of Luminescence, 2019, 207, 85-92.	1.5	16
72	Enhanced piezoelectric, electrocaloric and energy storage properties at high temperature in lead-free Bi _{0.5} (Na _{1-x} K _x) _{0.5} TiO ₃ ceramics. Ceramics International, 2019, 45, 4274-4282.	2.3	38

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73	Bi(Mg _{0.5} Ti _{0.5})O ₃ addition induced high recoverable energy-storage density and excellent electrical properties in lead-free Na _{0.5} Bi _{0.5} TiO ₃ -based thick films. <i>Journal of the European Ceramic Society</i> , 2019, 39, 255-263.	2.8	58
74	Region-Dependent and Stable Ferroelectric Photovoltaic Effect Driven by Novel In-Plane Self-Polarization in Narrow-Bandgap Bi ₂ FeMo _{0.7} Ni _{0.3} O ₆ Thin Film. <i>Advanced Optical Materials</i> , 2019, 7, 1801105.	3.6	25
75	Multifunctional BiFeO ₃ composites: Absorption attenuation dominated effective electromagnetic interference shielding and electromagnetic absorption induced by multiple dielectric and magnetic relaxations. <i>Composites Science and Technology</i> , 2018, 159, 240-250.	3.8	90
76	Reversible luminescence modulation of Ho-doped K _{0.5} Na _{0.5} NbO ₃ piezoelectrics with high luminescence contrast. <i>Journal of the American Ceramic Society</i> , 2018, 101, 2305-2312.	1.9	41
77	Enhanced dielectric and energy-storage properties in ZnO-doped 0.9(0.94Na _{0.5} Bi _{0.5} TiO ₃ ~0.06BaTiO ₃)~0.1NaNbO ₃ ceramics. <i>Ceramics International</i> , 2018, 44, 5961-5966.	2.3	78
78	Multifunctional antiferroelectric MLCC with high-energy-storage properties and large field-induced strain. <i>Journal of the American Ceramic Society</i> , 2018, 101, 2313-2320.	1.9	79
79	Multiple electrical response and enhanced energy storage induced by unusual coexistent-phase structure in relaxor ferroelectric ceramics. <i>Acta Materialia</i> , 2018, 146, 202-210.	3.8	83
80	High energy-storage performance of BNT-BT-NN ferroelectric thin films prepared by RF magnetron sputtering. <i>Journal of Alloys and Compounds</i> , 2018, 750, 228-234.	2.8	42
81	The coexisting negative and positive electrocaloric effect in (Pb _{0.97} La _{0.02})(Zr, Sn, Ti)O ₃ antiferroelectric thick films optimized via phase transition procedure. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14528-14534.	1.1	5
82	Reversible upconversion switching for Ho/Yb codoped (K,Na)NbO ₃ ceramics with excellent luminescence readout capability. <i>Journal of the American Ceramic Society</i> , 2018, 101, 5659-5674.	1.9	36
83	Double perovskite Bi ₂ FeMoNi ₁ -O ₆ thin films: Novel ferroelectric photovoltaic materials with narrow bandgap and enhanced photovoltaic performance. <i>Solar Energy Materials and Solar Cells</i> , 2018, 187, 9-14.	3.0	33
84	Giant energy-storage density and high efficiency achieved in (Bi _{0.5} Na _{0.5})TiO ₃ ~Bi(Ni _{0.5} Zr _{0.5})O ₃ thick films with polar nanoregions. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10693-10703.	2.7	120
85	ALD preparation of high-k HfO ₂ thin films with enhanced energy density and efficient electrostatic energy storage. <i>RSC Advances</i> , 2017, 7, 8388-8393.	1.7	39
86	Effects of Mn doping on dielectric properties and energy-storage performance of Na _{0.5} Bi _{0.5} TiO ₃ thick films. <i>Ceramics International</i> , 2017, 43, 7804-7809.	2.3	52
87	Nondestructive up-conversion readout in Er/Yb co-doped Na _{0.5} Bi _{2.5} Nb ₂ O ₉ -based optical storage materials for optical data storage device applications. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3838-3847.	2.7	70
88	Luminescence photoswitching of Ho-doped Na _{0.5} Bi _{2.5} Nb ₂ O ₉ ferroelectrics: the luminescence readout process. <i>Journal of Materials Chemistry C</i> , 2017, 5, 807-816.	2.7	47
89	Effects of Fe ³⁺ doping on electrical properties and energy-storage performances of the (Na _{0.85} K _{0.15}) _{0.5} Bi _{0.5} TiO ₃ thick films prepared by sol-gel method. <i>Journal of Alloys and Compounds</i> , 2017, 727, 596-602.	2.8	38
90	(K,Na)NbO ₃ ferroelectrics: a new class of solid-state photochromic materials with reversible luminescence switching behavior. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9080-9087.	2.7	70

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91	Direct and indirect measurement of electrocaloric effect in lead-free (100-x)Ba(Hf _{0.2} Ti _{0.8})O ₃ -x(Ba _{0.7} Ca _{0.3})TiO ₃ ceramics near multi-phase boundary. Journal of Alloys and Compounds, 2017, 725, 275-282.	2.8	23
92	Photoluminescence, photochromism, and reversible luminescence modulation behavior of Sm-doped Na _{0.5} Bi _{2.5} Nb ₂ O ₉ ferroelectrics. Journal of the European Ceramic Society, 2017, 37, 955-966.	2.8	47
93	Thickness-dependent electrocaloric effect of Pb _{0.82} Ba _{0.08} La _{0.10} (Zr _{0.90} Ti _{0.10})O ₃ antiferroelectric thick films. Journal of Alloys and Compounds, 2017, 690, 131-138.	2.8	20
94	Energy-storage performance and pyroelectric energy harvesting effect of PNZST antiferroelectric thin films. Journal of Materials Science: Materials in Electronics, 2017, 28, 1438-1448.	1.1	26
95	Tunable Luminescence Contrast of Na _{0.5} Bi _{4.5} Ti ₄ O ₁₅ :Re (Re = Sm, Pr, Er) Photochromics by Controlling the Excitation Energy of Luminescent Centers. ACS Applied Materials & Interfaces, 2016, 8, 34581-34589.	4.0	68
96	Energy-storage performance of PbO-B ₂ O ₃ -SiO ₂ added (Pb _{0.92} Ba _{0.05} La _{0.02})(Zr _{0.68} Sn _{0.27} Ti _{0.05})O ₃ antiferroelectric ceramics prepared by microwave sintering method. Journal of Materials Science: Materials in Electronics, 2016, 27, 4534-4540.	1.1	17
97	Orientation-dependent energy-storage performance and electrocaloric effect in PLZST antiferroelectric thick films. Materials Research Bulletin, 2016, 84, 177-184.	2.7	31
98	Enhanced electrocaloric effect and energy-storage performance in PBLZT films with various Ba ²⁺ content. Ceramics International, 2016, 42, 16439-16447.	2.3	20
99	Electrocaloric effect and energy-storage performance in grain-size-engineered PBLZT antiferroelectric thick films. Journal of Materials Science: Materials in Electronics, 2016, 27, 10309-10319.	1.1	23
100	Electrical properties and energy-storage performance of (Pb _{0.92} Ba _{0.05} La _{0.02})(Zr _{0.68} Sn _{0.27} Ti _{0.05})O ₃ antiferroelectric thick films. Journal of Materials Science: Materials in Electronics, 2016, 27, 12537-12542.	2.3	41
101	Dual-Mode Luminescence Modulation upon Visible-Light-Driven Photochromism with High Contrast for Inorganic Luminescence Ferroelectrics. ACS Applied Materials & Interfaces, 2016, 8, 4789-4794.	4.0	83
102	Enhanced energy-storage performance and electrocaloric effect in compositionally graded Pb _{1-3x/2} La _x Zr _{0.85} Ti _{0.15} O ₃ antiferroelectric thick films. Ceramics International, 2016, 42, 1679-1687.	2.3	53
103	Giant Thermal-Electrical Energy Harvesting Effect of Pb _{0.97} La _{0.02} (Zr _{0.75} Sn _{0.18} Ti _{0.07})O ₃ Antiferroelectric Thick Film. Journal of the American Ceramic Society, 2015, 98, 361-365.		21
104	High energy-storage performance of 0.9Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.1PbTiO ₃ relaxor ferroelectric thin films prepared by RF magnetron sputtering. Materials Research Bulletin, 2015, 65, 73-79.	2.7	57
105	Phase Structure Tuned Electrocaloric Effect and Pyroelectric Energy Harvesting Performance of (Pb _{0.97} La _{0.02})(Zr,Sn,Ti)O ₃ Antiferroelectric Thick Films. Journal of Physical Chemistry C, 2015, 119, 18877-18885.	1.5	52
106	A highly efficient, orange light-emitting (K _{0.5} Na _{0.5})NbO ₃ :Sm ³⁺ /Zr ⁴⁺ lead-free piezoelectric material with superior water resistance behavior. Journal of Materials Chemistry C, 2015, 3, 5275-5284.	2.7	54
107	Dielectric properties and energy-storage performance of (Na _{0.5} Bi _{0.5})TiO ₃ -SrTiO ₃ thick films derived from polyvinylpyrrolidone-modified chemical solution. Journal of Alloys and Compounds, 2015, 639, 387-392.	2.8	65
108	Structure and dielectric properties of (Na _{0.5} Bi _{0.5})TiO ₃ -SrTiO ₃ thick films derived from polyvinylpyrrolidone-modified chemical solution. Journal of Materials Science: Materials in Electronics, 2015, 26, 4318-4324.	1.1	15

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109	Reversible Luminescence Modulation upon Photochromic Reactions in Rare-Earth Doped Ferroelectric Oxides by in Situ Photoluminescence Spectroscopy. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 25289-25297.	4.0	82
110	Dielectric properties and energy-storage performances of $(1-x)\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3-x\text{PbTiO}_3$ relaxor ferroelectric thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 9583-9590.	1.1	27
111	Reversible photoresponsive switching in $\text{Bi}_{2.5}\text{Na}_{0.5}\text{Nb}_2\text{O}_9$ -based luminescent ferroelectrics. <i>Chemical Communications</i> , 2015, 51, 16316-16319.	2.2	41
112	Improved electrocaloric effect in (100)-oriented $\text{Pb}_{0.97}\text{La}_{0.02}(\text{Zr}_{0.57}\text{Sn}_{0.38}\text{Ti}_{0.05})\text{O}_3$ antiferroelectric thick film by interface engineering. <i>Journal of Alloys and Compounds</i> , 2015, 653, 260-265.	2.8	9
113	A giant electrocaloric effect of a $\text{Pb}_{0.97}\text{La}_{0.02}(\text{Zr}_{0.75}\text{Sn}_{0.18}\text{Ti}_{0.07})\text{O}_3$ antiferroelectric thick film at room temperature. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1694-1699.	2.7	106
114	$(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3:\text{Eu}^{3+}/\text{Bi}^{3+}$: a novel, highly efficient, red light-emitting material with superior water resistance behavior. <i>RSC Advances</i> , 2015, 5, 4707-4715.	1.7	20
115	Electric-field tunable electrocaloric effects from phase transition between antiferroelectric and ferroelectric phase. <i>Applied Physics Letters</i> , 2014, 104, 022902.	1.5	48
116	A comprehensive review on the progress of lead zirconate-based antiferroelectric materials. <i>Progress in Materials Science</i> , 2014, 63, 1-57.	16.0	584
117	Dielectric properties and energy-storage performance of $(\text{Na}_{0.5}\text{Bi}_{0.5})\text{TiO}_3$ thick films. <i>Journal of Alloys and Compounds</i> , 2014, 601, 112-115.	2.8	84
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