

Xihong Hao

List of Publications by Year in descending order

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171
papers

8,262
citations

50276

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docs citations

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times ranked

4527
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#	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.	5.7	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.	5.5	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.	5.2	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.	3.7	16
5	High-Performance Ferroelectric Electromagnetic Attenuation Materials with Multiple Polar Units Based on Nanodomain Engineering. <i>Small</i> , 2022, 18, e2106302.	10.0	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.	12.7	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.	2.2	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.	5.7	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.	8.0	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.	1.8	8
11	High-Performance PbZrO ₃ -based antiferroelectric multilayer capacitors based on multiple enhancement strategy. <i>Chemical Engineering Journal</i> , 2022, 446, 136729.	12.7	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.	12.7	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.	2.2	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.	5.7	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.	2.9	1
16	Enhanced electrocaloric effect of relaxor potassium sodium niobate lead-free ceramic via multilayer structure. <i>Scripta Materialia</i> , 2021, 193, 97-102.	5.2	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.	5.7	32
18	Ultra-high energy density induced by diversified enhancement effects in (Pb _{0.98} xLa _{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.	12.7	34

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19	Highly efficient synergetic piezo/photocatalytic degradation in novel $\text{M}_{0.5}\text{Bi}_{2.5}\text{Nb}_2\text{O}_9$ (M=Li, Na, K) ferroelectric nanosheets. <i>Ceramics International</i> , 2021, 47, 8573-8583.	4.8	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.	5.5	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.	3.8	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.	7.3	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.	5.2	23
24	Giant Energy-Storage Density and Thermally Activated Phase Transition in $(\text{Pb}_{0.96}\text{La}_{0.04})(\text{Zr}_{0.99}\text{Ti}_{0.01})\text{O}_3$ Antiferroelectric Ceramics. <i>ACS Applied Energy Materials</i> , 2021, 4, 4897-4902.	5.1	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.	6.2	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.	5.5	26
27	Multicolor and multimode luminescent modulation via energy transfer engineering in $\text{Tb}^{3+}/\text{Eu}^{3+}$ -co-doped $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3$ transparent photochromic materials. <i>Journal of Alloys and Compounds</i> , 2021, 873, 159852.	5.5	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.	7.9	15
29	High energy-storage all-inorganic Mn-doped $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ - $\text{BiNi}_{0.5}\text{Zr}_{0.5}\text{O}_3$ film capacitor with characteristics of flexibility and plasticity. <i>Journal of Alloys and Compounds</i> , 2021, 879, 160506.	5.5	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.	12.7	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.	3.5	0
32	Enhanced energy-storage properties of lead-free $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ -based relaxor ferroelectric ceramics by tuning sintering temperature. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 26258-26267.	2.2	4
33	Achieving Large Electrocaloric Effect in a Wide Temperature Span for $(\text{Na}_{1/2}\text{Bi}_{1/2})\text{TiO}_3$ -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.	4.3	10
34	Enhanced photovoltaic effect in $\text{Bi}_2\text{FeMo}_{0.7}\text{Ni}_{0.3}\text{O}_6$ ferroelectric thin films by tuning the thickness. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1359-1365.	5.5	13
35	Dielectric property and energy-storage performance of $(1-x)\text{PbTiO}_3$ - $x\text{Bi}(\text{Mg}_{0.5}\text{Zr}_{0.5})\text{O}_3$ relaxor ferroelectric thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 2063-2072.	2.2	9
36	High energy-storage performance of PLZS antiferroelectric multilayer ceramic capacitors. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 756-764.	6.0	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.	6.2	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.	7.8	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.	2.2	6
40	Optical control of Er ³⁺ -doped M _{0.5} Bi _{2.5} Nb ₂ O 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.	5.5	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.	4.3	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.	5.5	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.	4.8	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.	12.7	91
45	Enhanced energy-storage performance of an all-inorganic flexible bilayer-like antiferroelectric thin film via using electric field engineering. <i>Nanoscale</i> , 2020, 12, 8958-8968.	5.6	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.	16.0	29
47	A high-performance triboelectric nanogenerator with improved output stability by construction of biomimetic superhydrophobic nanoporous fibers. <i>Nanotechnology</i> , 2020, 31, 215401.	2.6	25
48	Electro-optical effect and optical absorption in (K,Na)NbO ₃ -based piezoceramics. <i>Scripta Materialia</i> , 2020, 178, 398-401.	5.2	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.	3.8	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.	5.5	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.	3.8	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.	5.5	7
53	Defect modulated luminescent and photochromic behaviors in Pr/Er codoped Na _{0.5} Bi _{2.5} Nb ₂ O ₉ ceramics for display and optical storage. <i>Journal of Luminescence</i> , 2019, 215, 116626.	3.1	19
54	High energy density and efficiency in (Pb,Lu)(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.	4.8	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.	8.0	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.	2.2	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.	5.5	181
58	Stable energy density of a PMNâ€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.	5.5	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.	3.8	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.	3.8	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.	16.0	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.	3.8	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.	4.8	49
64	Ultra-high energy-storage density and fast discharge speed of (Pb _{0.98} xLa _{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.	10.3	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.	10.3	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.	5.5	33
67	Quantifying the triboelectric series. Nature Communications, 2019, 10, 1427.	12.8	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.	10.3	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.	2.4	4
70	Enhanced electromagnetic interference shielding with low reflection induced by heterogeneous double-layer structure in BiFeO ₃ /BaFe ₇ (MnTi) ₂ O ₁₉ composite. Journal of Alloys and Compounds, 2019, 772, 99-104.	5.5	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.	3.1	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.	4.8	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. Journal of the European Ceramic Society, 2019, 39, 255-263.	5.7	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. Advanced Optical Materials, 2019, 7, 1801105.	7.3	25
75	Multifunctional BiFeO ₃ composites: Absorption attenuation dominated effective electromagnetic interference shielding and electromagnetic absorption induced by multiple dielectric and magnetic relaxations. Composites Science and Technology, 2018, 159, 240-250.	7.8	90
76	Reversible luminescence modulation of Ho-doped K _{0.5} Na _{0.5} NbO ₃ piezoelectrics with high luminescence contrast. Journal of the American Ceramic Society, 2018, 101, 2305-2312.	3.8	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. Ceramics International, 2018, 44, 5961-5966.	4.8	78
78	Multifunctional antiferroelectric MLCC with high-energy-storage properties and large field-induced strain. Journal of the American Ceramic Society, 2018, 101, 2313-2320.	3.8	79
79	Multiple electrical response and enhanced energy storage induced by unusual coexistent-phase structure in relaxor ferroelectric ceramics. Acta Materialia, 2018, 146, 202-210.	7.9	83
80	High energy-storage performance of BNT-BT-NN ferroelectric thin films prepared by RF magnetron sputtering. Journal of Alloys and Compounds, 2018, 750, 228-234.	5.5	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. Journal of Materials Science: Materials in Electronics, 2018, 29, 14528-14534.	2.2	5
82	Reversible upconversion switching for Ho/Yb codoped (K,Na)NbO ₃ ceramics with excellent luminescence readout capability. Journal of the American Ceramic Society, 2018, 101, 5659-5674.	3.8	36
83	Double perovskite Bi ₂ FeMoNi ₁ O ₆ thin films: Novel ferroelectric photovoltaic materials with narrow bandgap and enhanced photovoltaic performance. Solar Energy Materials and Solar Cells, 2018, 187, 9-14.	6.2	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. Journal of Materials Chemistry C, 2018, 6, 10693-10703.	5.5	120
85	ALD preparation of high-k HfO ₂ thin films with enhanced energy density and efficient electrostatic energy storage. RSC Advances, 2017, 7, 8388-8393.	3.6	39
86	Effects of Mn doping on dielectric properties and energy-storage performance of Na _{0.5} Bi _{0.5} TiO ₃ thick films. Ceramics International, 2017, 43, 7804-7809.	4.8	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. Journal of Materials Chemistry C, 2017, 5, 3838-3847.	5.5	70
88	Luminescence photoswitching of Ho-doped Na _{0.5} Bi _{2.5} Nb ₂ O ₉ ferroelectrics: the luminescence readout process. Journal of Materials Chemistry C, 2017, 5, 807-816.	5.5	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. Journal of Alloys and Compounds, 2017, 727, 596-602.	5.5	38
90	(K,Na)NbO ₃ ferroelectrics: a new class of solid-state photochromic materials with reversible luminescence switching behavior. Journal of Materials Chemistry C, 2017, 5, 9080-9087.	5.5	70

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91	Direct and indirect measurement of electrocaloric effect in lead-free (100-x)Ba(Hf0.2Ti0.8)O3-x(Ba0.7Ca0.3)TiO3 ceramics near multi-phase boundary. Journal of Alloys and Compounds, 2017, 725, 275-282.	5.5	23
92	Photoluminescence, photochromism, and reversible luminescence modulation behavior of Sm-doped Na0.5Bi2.5Nb2O9 ferroelectrics. Journal of the European Ceramic Society, 2017, 37, 955-966.	5.7	47
93	Thickness-dependent electrocaloric effect of Pb0.82Ba0.08La0.10(Zr0.90Ti0.10)O3 antiferroelectric thick films. Journal of Alloys and Compounds, 2017, 690, 131-138.	5.5	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.	2.2	26
95	Tunable Luminescence Contrast of Na_{0.5}Bi_{4.5}Ti₄O₁₅:Re (Re = Sm, Pr, Er) Photochromics by Controlling the Excitation Energy of Luminescent Centers. ACS Applied Materials & Interfaces, 2016, 8, 34581-34589.	8.0	68
96	Energy-storage performance of PbOâ€“B2O3â€“SiO2 added (Pb0.92Ba0.05La0.02)(Zr0.68Sn0.27Ti0.05)O3 antiferroelectric ceramics prepared by microwave sintering method. Journal of Materials Science: Materials in Electronics, 2016, 27, 4534-4540.	2.2	17
97	Orientation-dependent energy-storage performance and electrocaloric effect in PLZST antiferroelectric thick films. Materials Research Bulletin, 2016, 84, 177-184.	5.2	31
98	Enhanced electrocaloric effect and energy-storage performance in PBLZT films with various Ba2+ content. Ceramics International, 2016, 42, 16439-16447.	4.8	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.	2.2	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) Tj ETQq0 0 0 rgBT /Overlock 12537-12542.	4.8	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.	8.0	83
102	Enhanced energy-storage performance and electrocaloric effect in compositionally graded Pb (1â~3x/2) La x Zr 0.85 Ti 0.15 O 3 antiferroelectric thick films. Ceramics International, 2016, 42, 1679-1687.	4.8	53
103	Giant Thermalâ€“Electrical Energy Harvesting Effect of Pb_{0.97}La_{0.02}(Zr_{0.75}Sn_{0.18}Ti_{0.07})O₃ Antiferroelectric Thick Film. Journal of the American Ceramic Society, 2015, 98, 361-365.	4.8	21
104	High energy-storage performance of 0.9Pb(Mg1/3Nb2/3)O3-0.1PbTiO3 relaxor ferroelectric thin films prepared by RF magnetron sputtering. Materials Research Bulletin, 2015, 65, 73-79.	5.2	57
105	Phase Structure Tuned Electrocaloric Effect and Pyroelectric Energy Harvesting Performance of (Pb_{0.97}La_{0.02})(Zr,Sn,Ti)O₃ Antiferroelectric Thick Films. Journal of Physical Chemistry C, 2015, 119, 18877-18885.	3.1	52
106	A highly efficient, orange light-emitting (K_{0.5}Na_{0.5})NbO₃:Sm³⁺/Zr⁴⁺ lead-free piezoelectric material with superior water resistance behavior. Journal of Materials Chemistry C, 2015, 3, 5275-5284.	5.5	54
107	Dielectric properties and energy-storage performance of (Na0.5Bi0.5)TiO3â€“SrTiO3 thick films derived from polyvinylpyrrolidone-modified chemical solution. Journal of Alloys and Compounds, 2015, 639, 387-392.	5.5	65
108	Structure and dielectric properties of (Na0.5Bi0.5)TiO3â€“SrTiO3 thick films derived from polyvinylpyrrolidone-modified chemical solution. Journal of Materials Science: Materials in Electronics, 2015, 26, 4318-4324.	2.2	15

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109	Reversible Luminescence Modulation upon Photochromic Reactions in Rare-Earth Doped Ferroelectric Oxides by in Situ Photoluminescence Spectroscopy. ACS Applied Materials & Interfaces, 2015, 7, 25289-25297.	8.0	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. Journal of Materials Science: Materials in Electronics, 2015, 26, 9583-9590.	2.2	27
111	Reversible photoresponsive switching in $\text{Bi}_{2.5}\text{Na}_{0.5}\text{Nb}_2\text{O}_9$ -based luminescent ferroelectrics. Chemical Communications, 2015, 51, 16316-16319.	4.1	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. Journal of Alloys and Compounds, 2015, 653, 260-265.	5.5	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. Journal of Materials Chemistry C, 2015, 3, 1694-1699.	5.5	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. RSC Advances, 2015, 5, 4707-4715.	3.6	20
115	Electric-field tunable electrocaloric effects from phase transition between antiferroelectric and ferroelectric phase. Applied Physics Letters, 2014, 104, 022902.	3.3	48
116	A comprehensive review on the progress of lead zirconate-based antiferroelectric materials. Progress in Materials Science, 2014, 63, 1-57.	32.8	584
117	Dielectric properties and energy-storage performance of $(\text{Na}_{0.5}\text{Bi}_{0.5})\text{TiO}_3$ thick films. Journal of Alloys and Compounds, 2014, 601, 112-115.	5.5	84
118	Energy-Storage Properties and Electrocaloric Effect of $\text{Pb}(\text{La}_{1/3}\text{Nb}_{2/3})\text{O}_3-x\text{PbTiO}_3$ Antiferroelectric Thick Films. ACS Applied Materials & Interfaces, 2014, 6, 11633-11639.	5.5	177
119	Enhanced energy-storage performances of $\text{Bi}_2\text{O}_3\text{-Li}_2\text{O}$ added $(1-x)(\text{Na}_{0.5}\text{Bi}_{0.5})\text{TiO}_3-x\text{BaTiO}_3$ thick films. Ceramics International, 2014, 40, 8847-8851.	4.8	36
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