Li Jin

List of Publications by Year
in descending order

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164 papers	9,969 citations	44042 48 h-index	37183 96 g-index
164 all docs	164 docs citations	164 times ranked	3986 citing authors

#	Article	IF	Citations
1	Phase evolution and relaxor to ferroelectric phase transition boosting ultrahigh electrostrains in (1â˜x)(Bi1/2Na1/2)TiO3-x(Bi1/2K1/2)TiO3 solid solutions. Journal of Materiomics, 2022, 8, 335-346.	2.8	39
2	Effect of SnOâ€"P2O5â€"MgO glass addition on the ionic conductivity of Li1.3Al0.3Ti1.7(PO4)3 solid electrolyte. Ceramics International, 2022, 48, 157-163.	2.3	14
3	Enhanced energy storage performance under low electric field in Sm3+ doped AgNbO3 ceramics. Journal of Materiomics, 2022, 8, 266-273.	2.8	22
4	Ultrahigh electrostrictive effect in potassium sodium niobate-based lead-free ceramics. Journal of the European Ceramic Society, 2022, 42, 944-953.	2.8	37
5	High comprehensive electrocaloric performance in barium titanate-based ceramics via integrating diffuse phase transition near room temperature and a high applied electric field. Ceramics International, 2022, 48, 6842-6849.	2.3	4
6	Enhanced energy storage performance of eco-friendly BNT-based relaxor ferroelectric ceramics via polarization mismatch-reestablishment and viscous polymer process. Ceramics International, 2022, 48, 6512-6519.	2.3	28
7	Achieving ultrahigh energy storage performance over a broad temperature range in (Bi0.5Na0.5)TiO3-based eco-friendly relaxor ferroelectric ceramics via multiple engineering processes. Journal of Alloys and Compounds, 2022, 896, 163139.	2.8	33
8	Microstructure and ionic conductivity of Li0.5-La0.5(Ti1-Nb)O3 solid-state electrolytes. Journal of Alloys and Compounds, 2022, 896, 163084.	2.8	5
9	Colossal permittivity and ultralow dielectric loss in SrTi1-Nb O3 ceramics sintered at different atmospheres via defect chemistry improvement. Ceramics International, 2022, 48, 12692-12698.	2.3	7
10	Enhanced antiferroelectric-like relaxor ferroelectric characteristic boosting energy storage performance of (Bi0.5Na0.5)TiO3-based ceramics via defect engineering. Journal of Materiomics, 2022, 8, 527-536.	2.8	47
11	Nonstoichiometric effect on dielectric and large-signal electromechanical properties of environmentally friendly BNT-6BT ferroelectric ceramics. Ceramics International, 2022, 48, 14329-14337.	2.3	13
12	Enhancement of energy storage performance in lead-free barium titanate-based relaxor ferroelectrics through a synergistic two-step strategy design. Chemical Engineering Journal, 2022, 434, 134678.	6.6	57
13	Enhanced energy-storage properties in lead-free (Bi0.5Na0.5)TiO3-based dielectric ceramics via glass additive and viscous polymer rolling process. Ceramics International, 2022, 48, 15711-15720.	2.3	4
14	High performance PINâ€" PHT ceramics through addition of CuF2 and low-temperature sintering. Ceramics International, 2022, 48, 18635-18644.	2.3	2
15	Structural evolution and ferroelectric properties in lead-free (1â˜x)(Bi0.5Na0.4K0.1)TiO3-xSrTiO3 solid solutions. Ceramics International, 2022, , .	2.3	0
16	Exploring Charged Defects in Ferroelectrics by the Switching Spectroscopy Piezoresponse Force Microscopy. Small Methods, 2022, 6, 2101289.	4.6	6
17	High energy storage and thermal stability under low electric field in Bi0.5Na0.5TiO3-modified BaTiO3-Bi(Zn0.25Ta0.5)O3 ceramics. Chemical Engineering Journal, 2022, 443, 136505.	6.6	50
18	Relaxor antiferroelectric-like characteristic boosting enhanced energy storage performance in eco-friendly (Bi0.5Na0.5)TiO3-based ceramics. Journal of the European Ceramic Society, 2022, 42, 4528-4538.	2.8	28

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19	Large electrostrain and high energy-storage properties of (Sr1/3Nb2/3)4+-substituted (Bi0.51Na0.5)TiO3-0.07BaTiO3 lead-free ceramics. Ceramics International, 2022, 48, 23975-23982.	2.3	13
20	Ultra-slim electrostrains with superior temperature-stability in lead-free sodium niobate-based ferroelectric perovskite. Journal of Materiomics, 2022, 8, 1230-1238.	2.8	6
21	Effective strategy to improve energy storage properties in lead-free (Ba0.8Sr0.2)TiO3-Bi(Mg0.5Zr0.5)O3 relaxor ferroelectric ceramics. Chemical Engineering Journal, 2022, 446, 137389.	6.6	40
22	Silver niobate perovskites: structure, properties and multifunctional applications. Journal of Materials Chemistry A, 2022, 10, 14747-14787.	5.2	27
23	Improved dielectric energy storage performance of Na0.5Bi0.5TiO3â€“Sr0.7Nd0.2TiO3 lead-free ceramics by adding an appropriate amount of AgNbO3. Ceramics International, 2022, 48, 31223-31232.	2.3	8
24	Li+ and Sm3+ co-doped AgNbO3-based antiferroelectric ceramics for high-power energy storage. Ceramics International, 2022, 48, 32703-32711.	2.3	15
25	Formation mechanism of barium titanate single crystalline microplates based on topochemical transformation using bismuth-based precursors. Ceramics International, 2021, 47, 4543-4550.	2.3	2
26	Thermal stability of dielectric and energy storage performances of Ca-substituted BNTZ ferroelectric ceramics. Ceramics International, 2021, 47, 6298-6309.	2.3	33
27	Energy storage properties of bismuth ferrite based ternary relaxor ferroelectric ceramics through a viscous polymer process. Chemical Engineering Journal, 2021, 412, 127555.	6.6	111
28	High-performance lead-free bulk ceramics for electrical energy storage applications: design strategies and challenges. Journal of Materials Chemistry A, 2021, 9, 18026-18085.	5.2	277
29	Dielectric and electro-mechanic nonlinearities in perovskite oxide ferroelectrics, relaxors, and relaxor ferroelectrics. Journal of Applied Physics, 2021, 129, .	1.1	19
30	Influence of coreâ€“shell structured conductive fillers on the electromechanical properties of ferroelectric nanocomposites. Journal of Materials Science, 2021, 56, 9157-9170.	1.7	6
31	Excellent piezoelectric property and thermal stability of Pb(Sc, Nb)O3-Pb(Hf, Ti)O3ceramic. Journal of Materials Science: Materials in Electronics, 2021, 32, 14654.	1.1	0
32	Structures and energies of Î£3 asymmetric tilt grain boundaries in silicon. Journal of Materials Research, 2021, 36, 2025-2036.	1.2	1
33	Extremely High Piezoelectric Properties in Pb-Based Ceramics through Integrating Phase Boundary and Defect Engineering. ACS Applied Materials & Interfaces, 2021, 13, 38517-38525.	4.0	23
34	Enhanced performance by inducing defect dipoles in lead based relaxor ferroelectric PHT-based ceramics. Ceramics International, 2021, 47, 23637-23646.	2.3	10
35	Nonstoichiometric effect of A-site complex ions on structural, dielectric, ferroelectric, and electrostrain properties of bismuth sodium titanateÂceramics. Ceramics International, 2021, 47, 32747-32755.	2.3	12
36	Significantly improved energy storage performance of NBT-BT based ceramics through domain control and preparation optimization. Chemical Engineering Journal, 2021, 420, 129900.	6.6	100

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37	Silver deficiency effect on dielectric properties and energy storage performance of AgNbO3 ceramics. Ceramics International, 2021, 47, 26178-26184.	2.3	11
38	Microstructure and bidirectional dielectric tunability behaviour of Nd3+-doped KSr2Nb5O15 lead-free ceramics. Journal of Materiomics, 2021, 7, 976-987.	2.8	7
39	Energy storage performance of BaTiO3-based relaxor ferroelectric ceramics prepared through a two-step process. Chemical Engineering Journal, 2021, 419, 129673.	6.6	140
40	Structure, dielectric, electrostrictive and electrocaloric properties of environmentally friendly Bi-substituted BCZT ferroelectric ceramics. Ceramics International, 2021, 47, 34676-34686.	2.3	13
41	Energy storage performance of Na0.5Bi0.5TiO3 based lead-free ferroelectric ceramics prepared via non-uniform phase structure modification and rolling process. Chemical Engineering Journal, 2021, 420, 130475.	6.6	102
42	Crystallization behaviors and related dielectric properties of semicrystalline matrix in polymer-ceramic nanocomposites. Composites Part B: Engineering, 2021, 224, 109195.	5.9	35
43	A wearable, nozzleâ€‘diffuser microfluidic pump based on highâ€‘performance ferroelectric nanocomposites. Sensors and Actuators B: Chemical, 2021, 347, 130611.	4.0	12
44	Cobalt ions doped PNN-PHT ceramics with excellent piezoelectric properties. Ceramics International, 2021, 47, 32414-32423.	2.3	7
45	Filler size effects on the microstructure and properties of polymer-ceramic nanocomposites using a semicrystalline matrix. Journal of Materials Science, 2021, 56, 19983-19995.	1.7	22
46	Hole-Pinned Defect Clusters for a Large Dielectric Constant up to GHz in Zinc and Niobium Codoped Rutile SnO₂. ACS Applied Materials & Interfaces, 2021, 13, 54124-54132.	4.0	9
47	Study of the structure, electrical properties, and energy storage performance of ZnO-modified Ba0.65Sr0.245Bi0.07TiO3 Pb-free ceramics. Ceramics International, 2020, 46, 8-16.	2.3	33
48	Achieve ultrahigh energy storage performance in BaTiO3â€“Bi(Mg1/2Ti1/2)O3 relaxor ferroelectric ceramics via nano-scale polarization mismatch and reconstruction. Nano Energy, 2020, 67, 104264.	8.2	320
49	Structure tailorable triple-phase and pure double-polar-phase flexible IF-WS2@poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 1 0 T Materiomics, 2020, 6, 563-572.	2.8	13
50	Structure-Driven, Ferroelectric Wake-Up Effect for Electrical Fatigue Relief. Chemistry of Materials, 2020, 32, 6456-6463.	3.2	12
51	Charge effects in donorâ€doped perovskite ferroelectrics. Journal of the American Ceramic Society, 2020, 103, 5392-5399.	1.9	17
52	High thermally stable dielectric permittivity, polarization enhancement and electrostrictive properties in Zr-substituted bismuth sodium titanate lead-free ferroelectric ceramics. Ceramics International, 2020, 46, 22889-22899.	2.3	16
53	Enhanced electrical properties and energy storage performances of NBT-ST Pb-free ceramics through glass modification. Journal of Alloys and Compounds, 2020, 836, 154961.	2.8	44
54	Enhancement of permittivity in P(VDFâ€CTFE)/metalâ€“organic frameworks mixed matrix membranes. Journal of Applied Polymer Science, 2020, 137, 49539.	1.3	2

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55	Phase evolution in (1â^'x)(Na0.5Bi0.5)TiO3-xSrTiO3 solid solutions: A study focusing on dielectric and ferroelectric characteristics. Journal of Materiomics, 2020, 6, 677-691.	2.8	110
56	Enhanced dielectric and ferroelectric properties in lead magnesium niobate-lead titanate ferroelectrics solid solutions by controlling the sintering protocols. Ceramics International, 2020, 46, 25608-25618.	2.3	3
57	Structure evolution, ferroelectric properties, and energy storage performance of CaSnO3 modified BaTiO3-based Pb-free ceramics. Journal of Alloys and Compounds, 2020, 826, 154160.	2.8	57
58	Regulation of energy density and efficiency in transparent ceramics by grain refinement. Chemical Engineering Journal, 2020, 390, 124566.	6.6	140
59	Na0.25Sr0.5Bi0.25TiO3 relaxor ferroelectric ceramic with greatly enhanced electric storage property by a B-site ion doping. Ceramics International, 2020, 46, 11680-11688.	2.3	39
60	A compromise between piezoelectricity and transparency in KNN-based ceramics: The dual functions of Li2O addition. Journal of the European Ceramic Society, 2020, 40, 2331-2337.	2.8	38
61	High energy density with ultrahigh discharging efficiency obtained in ceramic-polymer nanocomposites using a non-ferroelectric polar polymer as matrix. Nano Energy, 2020, 70, 104551.	8.2	70
62	Ultrahigh dielectric breakdown strength and excellent energy storage performance in lead-free barium titanate-based relaxor ferroelectric ceramics via a combined strategy of composition modification, viscous polymer processing, and liquid-phase sintering. Chemical Engineering Journal, 2020, 398, 125625.	6.6	181
63	Decoding the Fingerprint of Ferroelectric Loops: Comprehension of the Material Properties and Structures. , 2020, , 21-104.		7
64	Phase transition behavior and high electrostrictive strains in Bi(Li0.5Nb0.5)O3-doped lead magnesium niobate-based solid solutions. Journal of Alloys and Compounds, 2019, 806, 206-214.	2.8	14
65	Bending Performance of Splice Connections for Assembly of Tubular Section FRP Members: Experimental and Numerical Study. Journal of Composites for Construction, 2019, 23, 04019040.	1.7	17
66	Structure and conductivity of perovskite Li0.355La0.35Sr0.3Ti0.995M0.005O3 (M = Al, Co and In) ceramics. Ceramics International, 2019, 45, 23941-23947.	2.3	12
67	Bi(Mg0.5Ti0.5)O3-doped NaNbO3 ferroelectric ceramics: Linear regulation of Curie temperature and ultra-high thermally stable dielectric response. Ceramics International, 2019, 45, 21175-21182.	2.3	14
68	Self-assembled full nanowire P(VDF-TrFE) films with both anisotropic and high bidirectional piezoelectricity. Nanoscale, 2019, 11, 14896-14906.	2.8	11
69	Thermally stable electrostrains and composition-dependent electrostrictive coefficient Q33 in lead-free ferroelectric ceramics. Ceramics International, 2019, 45, 22854-22861.	2.3	29
70	Effect of Dy2O3 content on the dielectric, ferroelectric, and energy storage properties of lead-free 0.5Na0.5Bi0.5TiO3â€"0.5SrTiO3 bulk ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 13556-13566.	1.1	26
71	An investigation of the dielectric energy storage performance of Bi(Mg2/3Nb1/3)O3-modifed BaTiO3 Pb-free bulk ceramics with improved temperature/frequency stability. Ceramics International, 2019, 45, 19189-19196.	2.3	149
72	Enhanced breakdown strength and improved ferroelectric properties in lead-containing relaxor ferroelectric ceramics with addition of glass. Materials Research Express, 2019, 6, 116310.	0.8	13

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73	Dielectric and ferroelectric properties of CuO-doped lead magnesium niobate-based relaxor ferroelectric ceramics. Journal of Advanced Dielectrics, 2019, 09, 1950033.	1.5	3
74	Ultrahigh energy harvesting properties in textured lead-free piezoelectric composites. Journal of Materials Chemistry A, 2019, 7, 3603-3611.	5.2	43
75	Grain size engineered lead-free ceramics with both large energy storage density and ultrahigh mechanical properties. Nano Energy, 2019, 58, 768-777.	8.2	457
76	Dielectric properties and I-V characteristics of Li0.5La0.5TiO3 solid electrolyte for ceramic supercapacitors. Ceramics International, 2019, 45, 8243-8247.	2.3	19
77	Phase transitions in tantalum-modified silver niobate ceramics for high power energy storage. Journal of Materials Chemistry A, 2019, 7, 834-842.	5.2	185
78	Ferroelectric transitions in silver niobate ceramics. Journal of Materials Chemistry C, 2019, 7, 1028-1034.	2.7	32
79	Phase distribution and corresponding piezoelectric responses in a morphotropic phase boundary Pb(Mg Nb)O3-PbTiO3 single crystal revealed by confocal Raman spectroscopy and piezo-response force microscopy. Journal of the European Ceramic Society, 2019, 39, 4131-4138.	2.8	10
80	Characterizations of P(VDF-HFP)-BaTiO3 nanocomposite films fabricated by a spin-coating process. Ceramics International, 2019, 45, 17758-17766.	2.3	34
81	Dielectric, ferroelectric and energy storage properties of lead-free (1-x)Ba0.9Sr0.1TiO3-xBi(Zn0.5Zr0.5)O3 ferroelectric ceramics sintered at lower temperature. Ceramics International, 2019, 45, 15556-15565.	2.3	39
82	Laminated Tricritical Ferroelectrics: Laminated Modulation of Tricritical Ferroelectrics Exhibiting Highly Enhanced Dielectric Permittivity and Temperature Stability (Adv. Funct. Mater. 17/2019). Advanced Functional Materials, 2019, 29, 1970109.	7.8	2
83	Phase coexistence and evolution in sol-gel derived BY-PT-PZ ceramics with significantly enhanced piezoelectricity and high temperature stability. Journal of Materiomics, 2019, 5, 394-403.	2.8	11
84	Ultrahigh room temperature electrocaloric response in lead-free bulk ceramicsviatape casting. Journal of Materials Chemistry C, 2019, 7, 6860-6866.	2.7	22
85	A new family of sodium niobate-based dielectrics for electrical energy storage applications. Journal of the European Ceramic Society, 2019, 39, 2899-2907.	2.8	144
86	Significantly enhanced room temperature electrocaloric response with superior thermal stability in sodium niobate-based bulk ceramics. Journal of Materials Chemistry A, 2019, 7, 11665-11672.	5.2	50
87	Ultra-slim pinched polarization-electric field hysteresis loops and thermally stable electrostrains in lead-free sodium bismuth titanate-based solid solutions. Journal of Alloys and Compounds, 2019, 788, 1182-1192.	2.8	37
88	Realizing high comprehensive energy storage performance in lead-free bulk ceramics via designing an unmatched temperature range. Journal of Materials Chemistry A, 2019, 7, 27256-27266.	5.2	223
89	High thermal stability of electric field-induced strain in (1âˆ’x)(Bi0.5Na0.5)TiO3-xBa0.85Ca0.15Ti0.9Zr0.1O3 lead-free ferroelectrics. Journal of the European Ceramic Society, 2019, 39, 277-286.	2.8	56
90	High electric field-induced strain with ultra-low hysteresis and giant electrostrictive coefficient in barium strontium titanate lead-free ferroelectrics. Journal of the European Ceramic Society, 2019, 39, 295-304.	2.8	80

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91	Ultra-low hysteresis electric field-induced strain with high electrostrictive coefficient in lead-free Ba(Zr Ti1-)O3 ferroelectrics. Journal of Alloys and Compounds, 2019, 784, 931-938.	2.8	26
92	High electrostrictive effect in La3+-doped Ba(Zr0.2Ti0.8)O3 lead-free ferroelectrics. Journal of Alloys and Compounds, 2019, 776, 599-605.	2.8	35
93	High dielectric permittivity and electrostrictive strain in a wide temperature range in relaxor ferroelectric (1-x)[Pb(Mg1/3Nb2/3)O3-PbTiO3]-xBa(Zn1/3Nb2/3)O3 solid solutions. Ceramics International, 2019, 45, 5518-5524.	2.3	24
94	Polymer-Based Nanocomposites with High Dielectric Permittivity. , 2019, , 201-243.		12
95	Laminated Modulation of Tricritical Ferroelectrics Exhibiting Highly Enhanced Dielectric Permittivity and Temperature Stability. Advanced Functional Materials, 2019, 29, 1807162.	7.8	25
96	Symmetry-mode analysis for intuitive observation of structureâ€“property relationships in the lead-free antiferroelectric (1â^'x)AgNbO₃â€“xLiTaO₃. IUCrJ, 2019, 6, 740-750.	1.0	11
97	Electrocaloric Effect of Lead-free Bulk Ceramics: Current Status and Challenges. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2019, , 308.	0.6	1
98	Cyclic performance of bonded sleeve beam-column connections for FRP tubular sections. Composites Part B: Engineering, 2018, 142, 171-182.	5.9	32
99	Structure evolution and exceptionally ultra-low hysteresis unipolar electric field-induced strain in (1â^'x)NaNbO3-xBaTiO3 lead-free ferroelectrics. Ceramics International, 2018, 44, 5492-5499.	2.3	65
100	Ionic and electronic conductivity of solid electrolyte Li0.5La0.5TiO3 doped with LiO2-SiO2-B2O3 glass. Journal of Alloys and Compounds, 2018, 739, 892-896.	2.8	35
101	Ultra-low hysteresis electrostrictive strain with high thermal stability in Bi(Li0.5Nb0.5)O3-modified BaTiO3 lead-free ferroelectrics. Journal of Alloys and Compounds, 2018, 753, 558-565.	2.8	29
102	Origin of composition-insensitive electrostrictive coefficient and continuous decrease of domain wall density in (1-x)NaNbO3-xBaTiO3 lead-free ferroelectrics. Journal of the European Ceramic Society, 2018, 38, 3127-3135.	2.8	40
103	Debye-like relaxation behavior and electric field induced dipole re-orientation of the 0.6BaTiO3-0.4Bi(Mg1/2Ti1/2)O3 ceramic. Ceramics International, 2018, 44, 922-930.	2.3	9
104	Editorial â€" Energy storage materials. Journal of Advanced Dielectrics, 2018, 08, 1802001.	1.5	0
105	Understanding doped perovskite ferroelectrics with defective dipole model. Journal of Chemical Physics, 2018, 149, 244122.	1.2	17
106	Ionic conduction, colossal permittivity and dielectric relaxation behavior of solid electrolyte Li3La2/3-TiO3 ceramics. Journal of the European Ceramic Society, 2018, 38, 4483-4487.	2.8	50
107	Symmetry changes during relaxation process and pulse discharge performance of the BaTiO3-Bi(Mg1/2Ti1/2)O3 ceramic. Journal of Applied Physics, 2018, 124, .	1.1	31
108	Dielectric relaxation and phase transition behavior of (1â€"x)Pb(Zn1/3Nb2/3)O3-xBaTiO3 binary solid solutions. Ceramics International, 2018, 44, 18491-18498.	2.3	6

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109	A strategy for obtaining high electrostrictive properties and its application in barium stannate titanate lead-free ferroelectrics. Ceramics International, 2018, 44, 21816-21824.	2.3	45
110	All-organic dielectric nanocomposites using conducting polypyrrole nanoclips as filler. Composites Science and Technology, 2018, 167, 285-293.	3.8	51
111	Lead-free Nonlinear Dielectric Ceramics for Energy Storage Applications: Current Status and Challenges. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2018, 33, 1046.	0.6	19
112	Phonon band structures of the three dimensional latticed pentamode metamaterials. AIP Advances, 2017, 7, .	0.6	7
113	Dielectric relaxation and Maxwell-Wagner interface polarization in Nb2O5 doped 0.65BiFeO3â€“0.35BaTiO3 ceramics. Journal of Applied Physics, 2017, 121, .	1.1	175
114	The dielectric properties for (Nb,In,B) co-doped rutile TiO 2 ceramics. Ceramics International, 2017, 43, 6403-6409.	2.3	32
115	Composition dependence of dielectric properties in Pb(Zn1âˆ•3Nb2âˆ•3)O₃â€“PbTiO₃â€“BaTiO₃(PZNâ€“PTâ€“BT) relaxor ferroelectric ceramics. Journal of Advanced Dielectrics, 2017, 07, 1750008.	1.5	2
116	An Investigation of Dielectric, Piezoelectric Properties and Microstructures of Bi0.5Na0.5TiO3-BaTiO3-Bi0.5K0.5TiO3 Lead-Free Piezoelectric Ceramics Doped with K2AlNbO5 Compound. Journal of Electronic Materials, 2017, 46, 5287-5295.	1.0	12
117	Phase transitions in bismuth-modified silver niobate ceramics for high power energy storage. Journal of Materials Chemistry A, 2017, 5, 17525-17531.	5.2	288
118	Relaxation behavior and electrical inhomogeneity in 0.9BaTiO3-0.1Bi(Mg1/2Ti1/2)O3 ceramic. Ceramics International, 2017, 43, 12828-12834.	2.3	11
119	Dielectric and energy storage properties of BaTiO3â€“Bi(Mg1/2Ti1/2)O3 ceramic: Influence of glass addition and biasing electric field. Ceramics International, 2017, 43, 35-39.	2.3	73
120	Angle-insensitive acoustic metamaterial plane with extraordinary transmission using two embedded and coaxial split spherical shells. Applied Physics Express, 2017, 10, 104001.	1.1	2
121	Electrostriction coefficient of ferroelectric materials from ab initio computation. AIP Advances, 2016, 6, 065122.	0.6	21
122	Acoustically induced transparency by using concentric spherical shells with coaxial aperture array. Applied Physics Letters, 2016, 109, .	1.5	7
123	High energy density in silver niobate ceramics. Journal of Materials Chemistry A, 2016, 4, 17279-17287.	5.2	318
124	Diffuse Phase Transitions and Giant Electrostrictive Coefficients in Lead-Free Fe³⁺-Doped 0.5Ba(Zr_{0.2}Ti_{0.8})O₃-0.5(Ba_{0.7}Ca_{0.3})TiO₃ Ferroelectric Ceramics. ACS Applied Materials & Interfaces, 2016, 8, 31109-31119.	4.9	192
125	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mi>Pb</mml:mi><mml:mo>(</mml:mo><mm	1.1	72
126	Piezoelectric activity in Perovskite ferroelectric crystals. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2015, 62, 18-32.	1.7	94

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127	Dielectric and temperature stable energy storage properties of 0.88BaTiO3â€“0.12Bi(Mg1/2Ti1/2)O3 bulk ceramics. Journal of Alloys and Compounds, 2015, 640, 416-420.	2.8	216
128	Relaxor Ferroelectric BaTiO₃â€“Bi(Mg_{2/3}Nb_{1/3})O₃ Ceramics for Energy Storage Application. Journal of the American Ceramic Society, 2015, 98, 559-566.	1.9	439
129	High electrostrictive coefficient Q33 in lead-free Ba(Zr0.2Ti0.8)O3-x(Ba0.7Ca0.3)TiO3 piezoelectric ceramics. Applied Physics Letters, 2014, 105, .	1.5	118
130	Microstructure and dielectric properties of (Nbâ€‰+â€‰In) co-doped rutile TiO2 ceramics. Journal of Applied Physics, 2014, 116, .	1.1	135
131	Effects of <scp><scp>InNbO</scp></scp>₄ Fabrication on Perovskite <scp>PIN</scp>â€“<scp>PMN</scp>â€“<scp>PT</scp>. Journal of the American Ceramic Society, 2014, 97, 3110-3115.	1.9	8
132	Achieving Both High d 33 and High Q m for the Pb(Zr0.26Sn0.26Ti0.48)1âˆ’x Fe x O3âˆ’x/2 Ternary System for Use in High-Power Ultrasonic Transducers. Journal of Electronic Materials, 2014, 43, 3905-3911.	1.0	10
133	Achieving single domain relaxor-PT crystals by high temperature poling. CrystEngComm, 2014, 16, 2892-2897.	1.3	43
134	Electrostrictive effect in ferroelectrics: An alternative approach to improve piezoelectricity. Applied Physics Reviews, 2014, 1, 011103.	5.5	395
135	Energy storage properties in Ba 0.4 Sr 0.6 TiO 3 ceramics with addition of semi-conductive BaOâ€“B 2 O 3 â€“SiO 2 â€“Na 2 CO 3 â€“K 2 CO 3 glass. Journal of Alloys and Compounds, 2014, 617, 399-403.	2.8	101
136	Polymorphic structure evolution and large piezoelectric response of lead-free (Ba,Ca)(Zr,Ti)O3 ceramics. Applied Physics Letters, 2014, 104, .	1.5	80
137	Dielectric and energy storage properties of barium strontium titanate based glassâ€“ceramics prepared by solâ€“gel method. Journal of Sol-Gel Science and Technology, 2014, 71, 522-529.	1.1	8
138	Effect of Sn Content on Structure and Properties Near the Morphotropic Phase Boundary in a PbSnO3-PbZrO3-PbTiO3 Ternary System. Journal of Electronic Materials, 2014, 43, 2614-2620.	1.0	11
139	Decoding the Fingerprint of Ferroelectric Loops: Comprehension of the Material Properties and Structures. Journal of the American Ceramic Society, 2014, 97, 1-27.	1.9	894
140	Microstructure and ferroelectric properties of Nb2O5-modified BiFeO3-BaTiO3 lead-free ceramics for energy storage. Materials Letters, 2014, 137, 79-81.	1.3	147
141	Effects of ZnNb 2 O 6 addition on BaTiO 3 ceramics for energy storage. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2013, 178, 1081-1086.	1.7	63
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