Ruzhong Zuo

List of Publications by Year in descending order

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206	9,268	43973 48	49773 87
papers	citations	h-index	g-index

207	207	207	3499
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NaNbO3-CaTiO3 lead-free relaxor antiferroelectric ceramics featuring giant energy density, high energy efficiency and power density. Chemical Engineering Journal, 2022, 429, 132534.	6.6	69
2	MXene nanohybrids: Excellent electromagnetic properties for absorbing electromagnetic waves. Ceramics International, 2022, 48, 1484-1493.	2.3	17
3	X9R-type Ag1-3Bi NbO3 based lead-free dielectric ceramic capacitors with excellent energy-storage properties. Ceramics International, 2022, 48, 2533-2537.	2.3	16
4	Achieving stable relaxor antiferroelectric P phase in NaNbO3-based lead-free ceramics for energy-storage applications. Journal of Materiomics, 2022, 8, 618-626.	2.8	23
5	Local structure engineered lead-free ferroic dielectrics for superior energy-storage capacitors: A review. Energy Storage Materials, 2022, 45, 541-567.	9.5	102
6	A novel (1-x)MgZr0.85Sn0.15Nb2O8-xBa3Ti4Nb4O21 microwave dielectric composite ceramic with near-zero temperature coefficient. Journal of Alloys and Compounds, 2022, 896, 163101.	2.8	6
7	Preparation of porous sea-urchin-like CuO/ZnO composite nanostructure consisting of numerous nanowires with improved gas-sensing performance. Frontiers of Materials Science, 2022, 16, 1.	1.1	5
8	Ultrahigh piezoelectricity in (Ba,Ca)(Ti,Sn)O3 lead-free compounds with enormous domain wall contribution. Acta Materialia, 2022, 230, 117862.	3.8	10
9	Energy storage properties under moderate electric fields in BiFeO3-based lead-free relaxor ferroelectric ceramics. Chemical Engineering Journal, 2022, 440, 135789.	6.6	32
10	Ultrahigh Energy-Storage Performances in Lead-free Na_{0.5}Bi_{0.5}TiO₃-Based Relaxor Antiferroelectric Ceramics through a Synergistic Design Strategy. ACS Applied Materials & Interfaces, 2022, 14, 22263-22269.	4.0	53
11	Supercritical Relaxor Nanograined Ferroelectrics for Ultrahighâ€Energyâ€Storage Capacitors. Advanced Materials, 2022, 34, .	11.1	50
12	Mn-doped (Bi0.5Na0.5) TiO3 thin film with low leakage current density and high ferroelectric performance. Journal of Materials Science: Materials in Electronics, 2021, 32, 7249-7258.	1.1	3
13	Temperature-stable and ultralow-loss (1â€‰â^'â€‰x)CaSmAlO4â€“xSr2TiO4 microwave dielectric solid-solution ceramics. Journal of Materials Science, 2021, 56, 13190-13197.	1.7	3
14	Emerging antiferroelectric phases with fascinating dielectric, polarization and strain response in NaNbO3-(Bi0.5Na0.5)TiO3 lead-free binary system. Acta Materialia, 2021, 208, 116710.	3.8	78
15	Effect of concentration of Nd3+ on the photoluminescence and ferroelectric properties of Bi4-xNdxTi3O12 films. Journal of Materials Science: Materials in Electronics, 2021, 32, 15653-15664.	1.1	1
16	Ultrahigh-Q and thermally stable (Sr1â^'xCax)2Ce0.665Ti0.335O4 microwave dielectric ceramics with low permittivity. Journal of Materials Science: Materials in Electronics, 2021, 32, 17482-17489.	1.1	0
17	NaNbO₃â€“Bi_{0.5}Li_{0.5})TiO₃ Leadâ€Free Relaxor Ferroelectric Capacitors with Superior Energyâ€Storage Performances via Multiple Synergistic Design. Advanced Energy Materials, 2021, 11, 2101378.	10.2	170
18	Middle-low temperature sintering and piezoelectric properties of CuO and Bi2O3 doped PMS-PZT based ceramics for ultrasonic motors. Ceramics International, 2021, 47, 20117-20125.	2.3	19

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19	Understanding the correlation between intermediate monoclinic phase (Cc) and piezoelectric properties in NaNbO3-BaTiO3-CaZrO3 ternary system with octahedral tilt. Acta Materialia, 2021, 215, 117100.	3.8	13
20	Field-insensitive giant dynamic piezoelectric response and its structural origin in (Ba,Ca)(Ti,Zr)O3 tetragonal-orthorhombic phase-boundary ceramics. Journal of the European Ceramic Society, 2021, 41, 6441-6448.	2.8	10
21	Excellent energy storage properties in NaNbO3-based lead-free ceramics by modulating antiferrodistortive of P phase. Journal of Alloys and Compounds, 2021, 898, 162934.	2.8	9
22	A novel temperature-stable Ba2-xCaxMgTi5O13 microwave dielectric ceramic. Journal of the European Ceramic Society, 2020, 40, 376-380.	2.8	19
23	Lead-free (Ba,Sr)TiO3 â€“ BiFeO3 based multilayer ceramic capacitors with high energy density. Journal of the European Ceramic Society, 2020, 40, 1779-1783.	2.8	79
24	Superior Energyâ€Storage Capacitors with Simultaneously Giant Energy Density and Efficiency Using Nanodomain Engineered BiFeO₃â€BaTiO₃â€NaNbO₃ Leadâ€Free Bulk Ferroelectrics. Advanced Energy Materials, 2020, 10, 1903338.	10.2	329
25	Expanded linear polarization response and excellent energy-storage properties in (Bi0.5Na0.5)TiO3-KNbO3 relaxor antiferroelectrics with medium permittivity. Chemical Engineering Journal, 2020, 398, 125639.	6.6	77
26	Ferroelectric, ferromagnetic, and magnetoelectric properties of Bi3.15Nd0.85Ti2.9Zr0.1O12â€“CoFe2O4 composite films with large magnetoelectric coupling effect. Journal of Materials Science: Materials in Electronics, 2020, 31, 10865-10872.	1.1	1
27	Excellent energy-storage performances in La2O3 doped (Na,K)NbO3-based lead-free relaxor ferroelectrics. Journal of the European Ceramic Society, 2020, 40, 5466-5474.	2.8	38
28	Structural evidence for the polymorphic phase boundary in (Na,K)NbO3 based perovskites close to the rhombohedral-tetragonal phase coexistence zone. Acta Materialia, 2020, 195, 571-578.	3.8	21
29	Ferroelectric and photoluminescent properties of Eu3+-doped Bi4Ti3O12 films prepared via the spin-coating method. Journal of Materials Science: Materials in Electronics, 2020, 31, 6339-6348.	1.1	4
30	Realizing Stable Relaxor Antiferroelectric and Superior Energy Storage Properties in (Na_{1-x/2}La_{x/2})(Nb_{1-x}Ti_x)O₃ Lead-Free Ceramics through A/B-Site Complex Substitution. ACS Applied Materials & Interfaces, 2020, 12, 32871-32879.	4.0	106
31	Ultralow-loss and thermally stable Li4MgSn(2â€“1.25x)NbxO7 microwave dielectric ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 5567-5572.	1.1	6
32	Giant electrostrictive strain in (Bi_{0.5}Na_{0.5})TiO₃â€“NaNbO₃ lead-free relaxor antiferroelectrics featuring temperature and frequency stability. Journal of Materials Chemistry A, 2020, 8, 2369-2375.	5.2	47
33	Design of pâ€type NKNâ€based piezoelectric ceramics sintered in low oxygen partial pressure by defect engineering. Journal of the American Ceramic Society, 2020, 103, 3667-3675.	1.9	17
34	Ultralow-loss and temperature-stable self-composite microwave dielectric ceramic of Li4MgSn2O7â€“Li2Mg3SnO6 for LTCC applications. Journal of Alloys and Compounds, 2020, 832, 154946.	2.8	4
35	Achieving Remarkable Amplification of Energy-Storage Density in Two-Step Sintered NaNbO₃â€“SrTiO₃ Antiferroelectric Capacitors through Dual Adjustment of Local Heterogeneity and Grain Scale. ACS Applied Materials & Interfaces, 2020, 12, 19467-19475.	4.0	114
36	Large energy-storage density in transition-metal oxide modified NaNbO₃â€“Bi(Mg_{0.5}Ti_{0.5})O₃lead-free ceramics through regulating the antiferroelectric phase structure. Journal of Materials Chemistry A, 2020, 8, 8352-8359.	5.2	176

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37	Ultrahigh Energyâ€Storage Density in NaNbO₃â€Based Leadâ€Free Relaxor Antiferroelectric Ceramics with Nanoscale Domains. Advanced Functional Materials, 2019, 29, 1903877.	7.8	410
38	Linear-like lead-free relaxor antiferroelectric (Bi_{0.5}Na_{0.5})TiO₃â€“NaNbO₃ with giant energy-storage density/efficiency and super stability against temperature and frequency. Journal of Materials Chemistry A, 2019, 7, 3971-3978.	5.2	417
39	Excellent energy-storage properties of NaNbO3-based lead-free antiferroelectric orthorhombic P-phase (Pbma) ceramics with repeatable double polarization-field loops. Journal of the European Ceramic Society, 2019, 39, 3703-3709.	2.8	80
40	Phase structure dependence of acceptor doping effects in (Bi0.5Na0.5)TiO3â€“BaTiO3 lead-free ceramics. Journal of Alloys and Compounds, 2019, 802, 6-12.	2.8	13
41	A Pb(Zr,Ti)O3â€“Pb(Zn1/3Nb2/3)O3â€“Bi(Mn2/3Sb1/3)O3 quaternary solid solution ceramic with low sintering temperature, high piezoelectric coefficient and large mechanical quality factor. Journal of Materials Science: Materials in Electronics, 2019, 30, 9540-9546.	1.1	7
42	Enhanced breakdown strength and energy storage density in a new BiFeO3-based ternary lead-free relaxor ferroelectric ceramic. Journal of the European Ceramic Society, 2019, 39, 2673-2679.	2.8	166
43	Identifying the local defect structure in (Na0.5K0.5)NbO3: 1 mol. % CuO lead-free ceramics by x-ray absorption spectra. Applied Physics Letters, 2019, 114, .	1.5	9
44	Evolving antiferroelectric stability and phase transition behavior in NaNbO3-BaZrO3-CaZrO3 lead-free ceramics. Journal of the European Ceramic Society, 2019, 39, 2318-2324.	2.8	25
45	An environmentally-benign NaNbO₃ based perovskite antiferroelectric alternative to traditional lead-based counterparts. Journal of Materials Chemistry C, 2019, 7, 15153-15161.	2.7	52
46	A novel ultralow-loss Sr2CeO4 microwave dielectric ceramic and its property modification. Journal of the European Ceramic Society, 2019, 39, 1132-1136.	2.8	39
47	Electric field induced phase transition and accompanying giant poling strain in lead-free NaNbO3-BaZrO3 ceramics. Journal of the European Ceramic Society, 2018, 38, 3104-3110.	2.8	20
48	Electric field induced irreversible change and asymmetric butterfly strain loops in Pb(Zr,Ti)O3-Pb(Ni1/3Nb2/3)O3-Bi(Zn1/2Ti1/2)O3 quaternary ceramics. Ceramics International, 2018, 44, 8514-8520.	2.3	4
49	Low-loss and low-temperature firable Li2Mg3SnO6-Ba3(VO4)2 microwave dielectric ceramics for LTCC applications. Ceramics International, 2018, 44, 2606-2610.	2.3	34
50	A new low-temperature firable 0.95Pb(ZrxTi1-x)O3-0.05Bi(Mn1/2Ti1/2)O3 ceramic for high-power applications. Ceramics International, 2018, 44, 5453-5458.	2.3	6
51	Liquidâ€phase sintering, microstructural evolution, and microwave dielectric properties of Li₂Mg₃SnO₆â€“LiF ceramics. Journal of the American Ceramic Society, 2018, 101, 569-576.	1.9	53
52	A novel low-temperature firable La2Zr3(MoO4)9 microwave dielectric ceramic. Journal of the European Ceramic Society, 2018, 38, 339-342.	2.8	60
53	A novel Li2TiO3â€“Li2CeO3 ceramic composite with excellent microwave dielectric properties for low-temperature cofired ceramic applications. Journal of the European Ceramic Society, 2018, 38, 119-123.	2.8	46
54	Stable antiferroelectricity with incompletely reversible phase transition and low volume-strain contribution in BaZrO3 and CaZrO3 substituted NaNbO3 ceramics. Acta Materialia, 2018, 161, 352-359.	3.8	49

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55	Raman scattering and infrared reflectivity study of orthorhombic/monoclinic LaTiNbO6 microwave dielectric ceramics by A/B-site substitution. Ceramics International, 2018, 44, 16191-16198.	2.3	14
56	Anomalously large lattice strain contributions from rhombohedral phases in BiFeO3-based high-temperature piezoceramics estimated by means of in-situ synchrotron x-ray diffraction. Journal of the European Ceramic Society, 2018, 38, 4653-4658.	2.8	26
57	Critical roles of the rhombohedral-phase inducers in morphotropic NaNbO3-BaTiO3-ABO3 quasi-ternary lead-free piezoelectric ceramics. Journal of the European Ceramic Society, 2018, 38, 5341-5347.	2.8	22
58	A new Li-based ceramic of Li4MgSn2O7: Synthesis, phase evolution and microwave dielectric properties. Journal of the European Ceramic Society, 2018, 38, 5442-5447.	2.8	17
59	A new series of low-temperature cofirable Li3Ba2La3(1-x)Y3x(MoO4)8 microwave dielectric ceramics. Journal of the European Ceramic Society, 2018, 38, 4677-4681.	2.8	20
60	Phase structural transition and microwave dielectric properties in isovalently substituted La1â^'xLnxTiNbO6 (Ln=Ce, Sm) ceramics. Ceramics International, 2017, 43, 7065-7072.	2.3	20
61	Strain effects of temperature and electric field induced phase instability in (Na,K)(Nb,Sb)O 3 -LiTaO 3 lead-free ceramics. Journal of the European Ceramic Society, 2017, 37, 2309-2313.	2.8	27
62	NaNbO₃â€BaTiO₃â€NaSbO₃ lead and potassiumâ€free ceramics with thermally stable smallâ€signal piezoelectric properties. Journal of the American Ceramic Society, 2017, 100, 3990-3998.	1.9	14
63	Thermally stable electrostrains of morphotropic 0.875NaNbO3-0.1BaTiO3-0.025CaZrO3 lead-free piezoelectric ceramics. Applied Physics Letters, 2017, 110, .	1.5	43
64	Ultrahigh Q values and atmosphere-controlled sintering of Li2(1+x)Mg3ZrO6 microwave dielectric ceramics. Ceramics International, 2017, 43, 2246-2251.	2.3	27
65	Low temperature fired Ln2Zr3(MoO4)9 (LnËSm, Nd) microwave dielectric ceramics. Ceramics International, 2017, 43, 17229-17232.	2.3	40
66	Multiscale identification of local tetragonal distortion in NaNbO3-BaTiO3 weak relaxor ferroelectrics by Raman, synchrotron x-ray diffraction, and absorption spectra. Applied Physics Letters, 2017, 111, .	1.5	22
67	Evolution of relaxor behavior and high-field strain responses in Bi(Mg1/2Ti1/2)O3-PbTiO3-Pb(Ni1/3Nb2/3)O3 ferroelectric ceramics. Journal of Alloys and Compounds, 2017, 724, 774-781.	2.8	12
68	Octahedral distortion, phase structural stability, and microwave dielectric properties in equivalently substituted LaTiNbO₆ ceramics. Journal of the American Ceramic Society, 2017, 100, 5249-5258.	1.9	15
69	Effect of non-stoichiometry on the structure and microwave dielectric properties of BaMg2V2O8 ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 16192-16198.	1.1	9
70	Sintering behavior, structural phase transition, and microwave dielectric properties of La_{1â€x}<scp>_xZ</scp>n_xTiNbO_{6â€x/2} ceramics. Journal of the American Ceramic Society, 2017, 100, 4362-4368.	1.9	12
71	Investigations of domain switching and lattice strains in (Na,K)NbO3-based lead-free ceramics across orthorhombic-tetragonal phase boundary. Journal of the European Ceramic Society, 2017, 37, 975-983.	2.8	43
72	Enhanced energy storage properties in La(Mg1/2Ti1/2)O3-modified BiFeO3-BaTiO3 lead-free relaxor ferroelectric ceramics within a wide temperature range. Journal of the European Ceramic Society, 2017, 37, 413-418.	2.8	226

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73	Effect of Ordering on the Microwave Dielectric Properties of Spinelâ€Structured (Zn_{1â^'x}(Li_{2/3}Ti_{1/3})_x₂TiO₄ Ceramics. Journal of the American Ceramic Society, 2016, 99, 3343-3349.	1.9	36
74	Structure, Microwave Dielectric Properties, and Lowâ€Temperature Sintering of Acceptor/Donor Codoped Li₂Ti_{1â^'x}(Al_{0.5}Nb_{0.5})_xO₃ Ceramics. Journal of the American Ceramic Society, 2016, 99, 825-832.	1.9	44
75	Direct and indirect characterization of electrocaloric effect in (Na,K)NbO3 based lead-free ceramics. Applied Physics Letters, 2016, 109, .	1.5	46
76	Morphotropic NaNbO3-BaTiO3-CaZrO3 lead-free ceramics with temperature-insensitive piezoelectric properties. Applied Physics Letters, 2016, 109, .	1.5	44
77	Giant electrostrictive effects of NaNbO3-BaTiO3 lead-free relaxor ferroelectrics. Applied Physics Letters, 2016, 108, .	1.5	98
78	Phase evolution and microwave dielectric properties of Li 4 Ti 5(1+x) O 12 ceramics. Materials Letters, 2016, 164, 353-355.	1.3	19
79	Structure and microwave dielectric properties of Ba1â^'Sr Mg2V2O8 ceramics. Ceramics International, 2016, 42, 10801-10807.	2.3	15
80	Sintering behavior and anisotropic sintering parameters of uniaxially constrained LTCC tapes. Ceramics International, 2016, 42, 17366-17373.	2.3	1
81	A novel self-composite property-tunable LaTiNbO 6 microwave dielectric ceramic. Materials Research Bulletin, 2016, 83, 568-572.	2.7	23
82	Effects of annealing processes of Ba0.9Ca0.1TiO3 films on their microstructures, ferroelectric and dielectric properties. Journal of Materials Science: Materials in Electronics, 2016, 27, 9610-9616.	1.1	0
83	Low-temperature fired thermal-stable Li2TiO3â€“NiO microwave dielectric ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 7962-7968.	1.1	22
84	Microstructure, ferroelectric and dielectric proprieties of Bi4Ti3O12 materials prepared by two methods. Journal of Materials Science: Materials in Electronics, 2016, 27, 3361-3367.	1.1	5
85	Camber evolution and stress development during cofiring of dielectric and ferrite bilayer laminates. Ceramics International, 2016, 42, 7164-7174.	2.3	2
86	Relationship of the structural phase transition and microwave dielectric properties in MgZrNb 2 O 8 â€“TiO 2 ceramics. Ceramics International, 2016, 42, 7681-7689.	2.3	40
87	Densification kinetics and anisotropic microstructure evolution in LTCC films constrained by rigid substrate. Ceramics International, 2016, 42, 3388-3396.	2.3	9
88	Enhanced rhombohedral domain switching and low field driven high electromechanical strain response in BiFeO3-based relaxor ferroelectric ceramics. Journal of the European Ceramic Society, 2016, 36, 2453-2460.	2.8	43
89	Electric field forced c -axis oriented growth of polar nanoregions and rapid switching of tetragonal domains in BNT-PT-PMN ternary system. Journal of the European Ceramic Society, 2016, 36, 515-525.	2.8	34
90	A novel low-temperature fired microwave dielectric ceramic BaMg 2 V 2 O 8 with ultra-low loss. Journal of the European Ceramic Society, 2016, 36, 247-251.	2.8	45

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91	Novel BiFeO₃â€“BaTiO₃â€“Ba(Mg_{1/3}Nb_{2/3})O₃ Leadâ€Free Relaxor Ferroelectric Ceramics for Energyâ€Storage Capacitors. Journal of the American Ceramic Society, 2015, 98, 2692-2695.	1.9	238
92	A Novel BiFeO₃â€“BaTiO₃â€“BaZrO₃ Leadâ€Free Relaxor Ferroelectric Ceramic with Lowâ€Hysteresis and Frequencyâ€Insensitive Large Strains. Journal of the American Ceramic Society, 2015, 98, 3670-3672.	1.9	49
93	Lowâ€Temperatureâ€Fired ReVO₄ (ReÂ=ÂLa, Ce) Microwave Dielectric Ceramics. Journal of the American Ceramic Society, 2015, 98, 1-4.	1.9	78
94	Structureâ€Dependent Microwave Dielectric Properties and Middleâ€Temperature Sintering of Forsterite (Mg_{1â€“x}Ni_x)₂SiO₄ Ceramics. Journal of the American Ceramic Society, 2015, 98, 702-710.	1.9	89
95	Synthesis and microwave dielectric properties of Li2Mg2(WO4)3 ceramics. Materials Letters, 2015, 158, 92-94.	1.3	19
96	Relaxor-normal ferroelectric phase transition and significantly enhanced electromechanical strain behavior in Bi(Ni1/2Ti1/2)O3â€“PbTiO3â€“Pb(Mg1/3Nb2/3)O3 ternary system close to the morphotropic phase boundary. Journal of the European Ceramic Society, 2015, 35, 3485-3493.	2.8	15
97	Sintering behavior and microwave dielectric properties of Li2Oâ€“B2O3â€“SiO2 doped MgTiO3â€“CaTiO3 ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 4963-4968.	1.1	7
98	Preparation and microwave dielectric properties of Li 3 (Mg 0.92 Zn 0.08) 2 NbO 6 â€“Ba 3 (VO 4) 2 composite ceramics for LTCC applications. Materials Research Bulletin, 2015, 68, 109-114.	2.7	27
99	Effects of Zr substitution on the microstructure and microwave dielectric properties of Li2Zn(Ti1â^'xZrx)3O8 ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 9219-9224.	1.1	9
100	Phaseâ€Compositionâ€Dependent Piezoelectric and Electromechanical Strain Properties in (Bi_{1/2}Na_{1/2})TiO₃â€“Ba(Ni_{1/2}Nb_{1/2})O₃ Leadâ€Free Ceramics. Journal of the American Ceramic Society, 2015, 98, 811-818.	2.8	81
101	Temperature-stable and high Q composite ceramics in low-temperature sinterable BaOâ€“V2O5 binary system. Journal of Alloys and Compounds, 2015, 622, 362-368.	2.8	20
102	Low electric-field driven ultrahigh electrostrains in Sb-substituted (Na,K)NbO3 lead-free ferroelectric ceramics. Applied Physics Letters, 2014, 105, .	1.5	42
103	Li2Zn3Ti4O12â€“Ba3(VO4)2 microwave dielectric ceramics sintered at a low temperature without glass addition. Journal of Materials Science: Materials in Electronics, 2014, 25, 5570-5575.	1.1	11
104	Normalâ€Relaxorâ€Diffuse Ferroelectric Phase Transition and Electrical Properties of <scp><scp>Bi</scp></scp>(<scp><scp>Mg</scp></scp>_{1/2}<scp><scp>Ti</scp></scp>_{1/2})₃â€“ Solid Solution Ceramics Near the Morphotropic Phase Boundary. Journal of the American Ceramic Society, 2014, 97, 1912-1917.	1.9	8
105	Structural, dielectric, ferroelectric and strain properties in CaZrO3-modified Bi(Mg0.5Ti0.5)O3â€“PbTiO3 solid solutions. Journal of Alloys and Compounds, 2014, 591, 218-223.	2.8	14
106	Graphene nanocluster decorated niobium oxide nanofibers for visible light photocatalytic applications. Journal of Materials Chemistry A, 2014, 2, 8190.	5.2	27
107	Effect of Li2Oâ€“V2O5 addition on the sintering behavior and microwave dielectric properties of Li3(Mg1â^'xZnx)2NbO6 ceramics. Ceramics International, 2014, 40, 15677-15684.	2.3	50
108	Temperature-insensitive large electrostrains and electric field induced intermediate phases in (0.7â^'x)Bi(Mg1/2Ti1/2)O3â€“xPb(Mg1/3Nb2/3)O3â€“0.3PbTiO3 ceramics. Journal of the European Ceramic Society, 2014, 34, 4235-4245.	2.8	38

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109	Temperature driven nano-domain evolution in lead-free Ba(Zr0.2Ti0.8)O3-50(Ba0.7Ca0.3)TiO3 piezoceramics. Applied Physics Letters, 2014, 105, .	1.5	29
110	Bismuth sodium titanate based lead-free ceramic/epoxy 1â€“3 composites: fabrication and electromechanical properties. Journal of Materials Science: Materials in Electronics, 2014, 25, 2730-2736.	1.1	8
111	Dielectric Relaxor Evolution and Frequencyâ€Insensitive Giant Strains in (<scp><scp>Bi</scp></scp>_{0.5}<scp><scp>Na</scp></scp>_{0.5})<scp><scp>TiO</scp></scp>₃â€“<scp><scp>Bi</scp></scp>(<scp><scp>Mg</scp></scp>_{0.5}<scp><scp>Ti</scp></scp>_{0.5})<scp><scp>O< Ferroelectric Ceramics. Journal of the American Ceramic Society, 2014, 97, 1855-1860.	2.9	46
112	Large strains accompanying field-induced ergodic phase-polar ordered phase transformations in Bi(Mg0.5Ti0.5)O3â€“PbTiO3â€“(Bi0.5Na0.5)TiO3 ternary system. Journal of the European Ceramic Society, 2014, 34, 2299-2309.	2.8	49
113	Preparation and multiferroic properties of 2-2 type CoFe2O4/Pb(Zr,Ti)O3 composite films with different structures. Ceramics International, 2014, 40, 9249-9256.	2.3	27
114	Experimental determination of the uniaxial viscosity of low-temperature co-fired ceramic tapes by vertical sintering. Ceramics International, 2014, 40, 9367-9375.	2.3	9
115	Comparative study of the effect of domain structures on piezoelectric properties in three typical Pb-free piezoceramics. Ceramics International, 2014, 40, 13565-13571.	2.3	10
116	The (100) orientation evolution and temperature-dependent electrical properties of Bi(Zn1/2Ti1/2)O3â€“PbTiO3 ferroelectric films. Journal of Sol-Gel Science and Technology, 2013, 65, 384-387.	1.1	2
117	Synthesis and photocatalytic performance of the electrospun Bi2Fe4O9 nanofibers. Journal of Materials Science, 2013, 48, 4143-4150.	1.7	32
118	Evolution of crystallographic grain orientation and anisotropic properties of (K0.5Na0.5)NbO3 ceramics using BaTiO3 templates by reactive templated grain growth. Journal of Alloys and Compounds, 2013, 560, 62-66.	2.8	20
119	Controllable preparation of BiFeO3@carbon core/shell nanofibers with enhanced visible photocatalytic activity. Journal of Molecular Catalysis A, 2013, 376, 1-6.	4.8	38
120	Structure and microwave dielectric properties of Ba3(VO4)2â€“Zn2â^'xSiO4â^'x ceramic composites. Materials Research Bulletin, 2013, 48, 2011-2017.	2.7	25
121	Electric field induced monoclinic phase in (Na0.52K0.48)(Nb1â^'ySby)O3 ceramics close to the rhombohedral-orthorhombic polymorphic phase boundary. Applied Physics Letters, 2013, 103, .	1.5	22
122	Microwave dielectric properties and low temperature sintering of the ZnOâ€“V2O5 doped Ba3Ti2(Mg1/3Nb2/3)2Nb4O21 ceramics. Ceramics International, 2013, 39, 5675-5679.	2.3	19
123	Morphotropic phase boundary and electrical properties of lead-free (K0.5Bi0.5)TiO3â€“Bi(Ni0.5Ti0.5)O3 relaxor ferroelectric ceramics. Ceramics International, 2013, 39, 9121-9124.	2.3	26
124	Structure and electrical properties of Mn doped Bi(Mg1/2Ti1/2)O3-PbTiO3 ferroelectric thin films. Applied Surface Science, 2013, 268, 327-331.	3.1	15
125	Microstructure and microwave dielectric properties of low-temperature sinterable (1Ââ^'Âx)Ba3(VO4)2â€“xCaWO4 composite ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 1225-1230.	1.1	10
126	Phase transition behavior and electrical properties of lead-free (Bi0.5K0.5)TiO3â€“LiNbO3 relaxor ferroelectric ceramics. Ceramics International, 2013, 39, 725-730.	2.3	20

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127	Synthesis and photocatalytic activity of electrospun niobium oxide nanofibers. Materials Research Bulletin, 2013, 48, 1213-1217.	2.7	50
128	Effect of PbTiO3 seed layer on the orientation behavior and electrical properties of Bi(Mg1/2Ti1/2)O3â€“PbTiO3 ferroelectric thin films. Ceramics International, 2013, 39, 3865-3871.	2.3	5
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