Jigong Hao

List of Publications by Year in descending order

112 papers	2,826 citations	218677 26 h-index	189892 50 g-index
114 all docs	114 docs citations	114 times ranked	1462 citing authors

#	Article	IF	Citations
1	Achieving high energy storage performance and ultrafast discharge speed in SrTiO3-based ceramics via a synergistic effect of chemical modification and defect chemistry. Chemical Engineering Journal, 2022, 429, 132548.	12.7	48
2	High-Energy Storage Properties over a Broad Temperature Range in La-Modified BNT-Based Lead-Free Ceramics. ACS Applied Materials & Interfaces, 2022, 14, 19683-19696.	8.0	57
3	(1-x)Bi0.5Na0.47Li0.03TiO3-xNaNbO3 lead-free ceramics with superior energy storage performances and good temperature stability. Ceramics International, 2022, 48, 24716-24724.	4.8	15
4	Optical temperature sensing properties and thermoluminescence behavior in Er-modified potassium sodium niobate-based multifunctional ferroelectric ceramics. Journal of Materials Chemistry C, 2022, 10, 11891-11902.	5.5	15
5	Polarization-induced phase structure transition and change of photoluminescence in Er3+-doped (Ba,) Tj ETQq1 1 0.784314 rgBT /Over	3.7	4
6	Temperature independent fatigue-free behavior in sodium bismuth titanate-based lead-free ceramics. Scripta Materialia, 2021, 194, 113678.	5.2	6
7	High-temperature and long-term stability of Ho-doped potassium sodium niobate-based multifunctional ceramics. Ceramics International, 2021, 47, 13391-13401.	4.8	8
8	Polarization-induced photoluminescence variation in Pr3+- doped (Ba, Ca)(Ti, Sn)O3 ferroelectric ceramics. Journal of Materials Science: Materials in Electronics, 2021, 32, 22398-22407.	2.2	5
9	Upconversion luminescence and electrical properties of (K,Er) co-modified Na0Â·5Bi4Â·5Ti4O15 high-temperature piezoceramics. Physica B: Condensed Matter, 2020, 580, 411920.	2.7	6
10	Dielectric relaxation, impedance spectra, temperature stability and electrical properties of Sr2MnSbO6-modified KNN ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 959-966.	2.2	3
11	Enhancement of field-induced strain and bright upconversion luminescence in BNT-based multifunctional ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 21632-21639.	2.2	1
12	Giant Fieldâ€Induced Strain with Low Hysteresis and Boosted Energy Storage Performance under Low Electric Field in (Bi_{0.5}Na_{0.5})TiO₃â€Based Grain Orientationâ€Controlled Ceramics. Advanced Electronic Materials, 2020, 6, 2000332.	5.1	59
13	Compositionâ€dependent microstructure and electrical property of (1â^'x)SBNâ€xBNBT solid solutions. Journal of the American Ceramic Society, 2020, 103, 6913-6921.	3.8	4
14	Lead-free (0.93â€‰â^'â€‰x)Bi0.5Na0.5TiO3â€“0.07BaTiO3â€“xNaNbO3 relaxor ferroelectrics for energy storage applications. Journal of Materials Science: Materials in Electronics, 2020, 31, 22676-22686.	2.2	7
15	Enhancement of up-conversion emission and field-induced strain in BNT-based multifunctional ceramics doping with LiNbO3. Journal of Materials Science: Materials in Electronics, 2020, 31, 9579-9585.	2.2	2
16	High-energy storage performance of (1 â^' x)[0.935(Bi0.5Na0.5)TiO3â€“0.065BaTiO3]â€“xBa(Zr0.3Ti0.7)O3 ceramics with wide temperature range. Journal of Materials Science: Materials in Electronics, 2020, 31, 9974-9981.	2.2	15
17	Electrical properties and luminescence properties of 0.96(K0.48Na0.52)(Nb0.95Sb0.05)â€“0.04Bi0.5(Na0.82K0.18)0.5ZrO3-xSm lead-free ceramics. Journal of Advanced Ceramics, 2020, 9, 72-82.	17.4	27
18	The photoluminescence and piezoelectric properties of Eu2O3 doped KNN-based ceramics. Journal of Alloys and Compounds, 2020, 829, 154518.	5.5	18

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19	Intrinsic and extrinsic dielectric contributions to the electrical properties in CaZrO3-doped KNN-based electrical/optical multifunctional ceramics. Journal of Materials Science, 2020, 55, 5741-5749.	3.7	9
20	Multifunctional bismuth sodium titanate-based ferroelectric ceramics with bright red emission and large strain response. Materials Chemistry and Physics, 2020, 244, 122706.	4.0	0
21	Enhanced piezoelectric properties in M (M = Co or Zn)-doped Ba0.99Ca0.01 Ti0.98Zr0.02O3 ceramics. Ceramics International, 2020, 46, 17351-17360.	4.8	32
22	Strong red emission and enhanced electrical properties in Pr-doped SrBi4Ti4O15 multifunctional ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 17890-17898.	2.2	5
23	The impedance, dielectric and piezoelectric properties of Tb4O7 and Tm2O3 doped KNN ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 4352-4358.	2.2	16
24	Enhancement of the electrical-field-induced strain in sodium bismuth titanate-based lead-free ceramics by co-doping with Mn and Nb. Journal of Materials Science: Materials in Electronics, 2019, 30, 9705-9714.	2.2	3
25	Temperature stability and electrical properties of Tm2O3 doped KNN-based ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 4716-4725.	2.2	9
26	Energy transfer and luminescence properties of a green-to-red color tunable phosphor Sr8MgY(PO4)7:Tb3+,Eu3+. Journal of Materials Science: Materials in Electronics, 2019, 30, 9421-9428.	2.2	10
27	Photoluminescence and electrical properties of SrSmAlO4-doped (Bi0.5Na0.5)0.935Ba0.065TiO3 ferroelectric ceramics. Ceramics International, 2019, 45, 5008-5014.	4.8	4
28	Photoluminescence and impedance properties of rare-earth doped (K0.5Na0.5)NbO3 lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 9-16.	2.2	18
29	Progress in high-strain perovskite piezoelectric ceramics. Materials Science and Engineering Reports, 2019, 135, 1-57.	31.8	530
30	Lead-free rare earth-modified (K0.44Na0.52Li0.04)(Nb0.86Ta0.1Sb0.04)O3 ceramics: phase structure, electrical and photoluminescence properties. Journal of Materials Science: Materials in Electronics, 2018, 29, 4791-4800.	2.2	6
31	Bright green emission and enhanced electrical properties in SrBi4-Ho Ti4O15 multifunctional ceramics. Materials Chemistry and Physics, 2018, 203, 82-88.	4.0	7
32	Poling effects on the structural, electrical and photoluminescence properties in Sm doped BCST piezoelectric ceramics. Journal of Materials Chemistry C, 2018, 6, 11312-11319.	5.5	23
33	Influence of orientation on dielectric and ferroelectric properties of the BNT-BT-ST Thin films. Journal of Materials Science: Materials in Electronics, 2018, 29, 20952-20958.	2.2	2
34	Effect of Bi₂O₃ content on the microstructure and electrical properties of SrBi₂Nb₂O₉ piezoelectric ceramics. RSC Advances, 2018, 8, 15613-15620.	3.6	3
35	Strong red emission and enhanced electrostrain in (Bi0.5Na0.5)0.935â^'xPrxBa0.065Ti1â^'xSbxO3 lead-free multifunctional ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 13810-13817.	2.2	4
36	Field-induced large strain and strong green photoluminescence in (Ho,Sb)-modified (Bi0.5Na0.5)0.945Ba0.065TiO3 multifunctional ferroelectric ceramics. Journal of Alloys and Compounds, 2018, 767, 666-674.	5.5	20

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37	Electric Field-Induced Large Strain in Ni/Sb-co Doped (Bi0.5Na0.5) TiO3-Based Lead-Free Ceramics. Journal of Electronic Materials, 2018, 47, 1512-1518.	2.2	8
38	Strong up-conversion luminescence and electrical properties of SrBi4Ti4O15 multifunctional ceramics by Er3+ doping. Journal of Materials Science: Materials in Electronics, 2017, 28, 5840-5845.	2.2	4
39	Bright upconversion emission and large strain in Er/Sb-codoped (Bi 0.5 Na 0.5) 0.945 Ba 0.065 TiO 3 ceramics. Materials Letters, 2017, 193, 138-141.	2.6	24
40	Temperatureâ€insensitive strain behavior in 0.99[(1â^'x)Bi_{0.5}(Na_{0.80}K_{0.20})_{0.5}TiO₃â^'xxBiFeO<sub> leadâ€free piezoelectric ceramics. International Journal of Applied Ceramic Technology, 2017, 14, 623-629.	2.1	
41	Rare-earth doped (K0.5Na0.5)NbO3 multifunctional ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 5288-5294.	2.2	7
42	Strong Photoluminescence and Improved Electrical Properties in Eu-Modified SrBi4Ti4O15 Multifunctional Ceramics. Journal of Electronic Materials, 2017, 46, 4398-4404.	2.2	5
43	The effect of SiO₂ on electrical properties of lowâ€temperatureâ€sintered ZnOâ€“Bi₂O₃â€“TiO₂â€“Co₂O₃â€“MnO₂â€based ceramics. Journal of the American Ceramic Society, 2017, 100, 1057-1064.	3.8	
44	Electric fieldâ€“induced large strain of (Bi1/2Na1/2)0.935Ba0.065TiO3â€“CaYAlO4 leadâ€“free ceramics. Materials Letters, 2017, 209, 408-412.	2.6	5
45	Hoâ€doped SrBi₂Nb₂O₉ multifunctional ceramics with bright green emission and good electrical properties. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700276.	1.8	5
46	Reddish orange-emitting and improved electrical properties of Sm2O3-doped SrBi4Ti4O15 multifunctional ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 16341-16347.	2.2	8
47	Strong photoluminescence and high piezoelectric properties of Eu-doped (Ba0.99Ca0.01)(Ti0.98Zr0.02)O3 ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 16561-16569.	2.2	11
48	Thickness dependent dielectric and piezoelectric properties of BNTâ€“BTâ€“ST thin films. Ferroelectrics, 2017, 516, 140-147.	0.6	0
49	Hydrothermal preparation and electrical properties of Aurivillius phase SrBi₄Ti₄O₁₅ ceramic. Ferroelectrics, 2017, 516, 148-155.	0.6	6
50	Improved Piezoelectricity in (K0.44Na0.52Li0.04) (Nb0.91Ta0.05Sb0.04)O3-xBi0.25Na0.25NbO3 Lead-Free Piezoelectric Ceramics. Journal of Electronic Materials, 2017, 46, 116-122.	2.2	3
51	Improved piezoelectricity and high strain response of (1Ââ^'Âx)(0.948K0.5Na0.5NbO3Ââ^'Â0.052LiSbO3)Ââ^'ÂxBi2O3 ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 1211-1216.	2.2	7
52	Fatigue-resistant, temperature-insensitive strain behavior and strong red photoluminescence in Pr-modified 0.92(Bi 0.5 Na 0.5)TiO 3 â€“0.08(Ba 0.90 Ca 0.10)(Ti 0.92 Sn 0.08)O 3 lead-free ceramics. Journal of the European Ceramic Society, 2017, 37, 877-882.	5.7	30
53	Electric Field Cycling Induced Large Electrostrain in Aged (K_{0.5}Na_{0.5})NbO₃â€“Cu Leadâ€Free Piezoelectric Ceramics. Journal of the American Ceramic Society, 2016, 99, 402-405.	3.8	22
54	Field-induced large strain in lead-free (Bi 0.5 Na 0.5) 1â^'x Ba x Ti 0.98 (Fe 0.5 Ta 0.5) 0.02 O 3 piezoelectric ceramics. Journal of Alloys and Compounds, 2016, 677, 96-104.	5.5	37

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55	Large electrostrictive effect and strong photoluminescence in rare-earth modified lead-free (Bi0.5Na0.5)TiO3-based piezoelectric ceramics. Scripta Materialia, 2016, 122, 10-13.	5.2	39
56	Enhanced electrical properties of (Li,Ce) co-doped Sr(Na_{0.5}Bi_{0.5})Bi₄Ti₅O₁₈high temperature piezoceramics. RSC Advances, 2016, 6, 33387-33392.	3.6	16
57	Bright upconversion emission and enhanced piezoelectric properties in Er-modified bismuth layer-structured SrCaBi4Ti5O18 ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 5259-5263.	2.2	3
58	Enhanced dielectric and piezoelectric properties of (100) oriented Bi0.5Na0.5TiO3â€“BaTiO3â€“SrTiO3 thin films. Journal of Materials Science: Materials in Electronics, 2016, 27, 8911-8915.	2.2	2
59	0.46% unipolar strain in lead-free BNT-BT system modified with Al and Sb. Materials Letters, 2016, 184, 152-156.	2.6	48
60	Thermal stability and enhanced electrical properties of Er³⁺-modified Na_{0.5}Bi_{4.5}Ti₄O₁₅ lead-free piezoelectric ceramics. RSC Advances, 2016, 6, 94870-94875.	3.6	11
61	Field-induced large strain in lead-free 0.99[(1â^' x) Bi 0.5 (Na 0.80 K 0.20) 0.5 TiO 3 â€“ x BiFeO 3]â€“0.01(K 0.5) Tj ETQq1 1 0.784314	4.8	15
62	Structure evolution and electrostrictive properties in (Bi0.5Na0.5)0.94Ba0.06TiO3â€“M2O5 (M = Nb, Ta,) Tj ETQq0 0 0 rgBT /Overlock 1	5.7	87
63	Synthesis of anisotropic NaNbO3 seed crystals and fabrication of textured (K0.5Na0.5)NbO3-based ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 11256-11261.	2.2	2
64	Strong photoluminescence and good electrical properties in Eu-modified SrBi 2 Nb 2 O 9 multifunctional ceramics. Ceramics International, 2016, 42, 14849-14854.	4.8	22
65	Electrical properties and thermal stability of Na0.5Bi4.5â^'(La0.5Ce0.5) Ti4O15 Aurivillius ceramics. Materials Letters, 2016, 180, 252-255.	2.6	7
66	Strong red emission and enhanced ferroelectric properties in (Pr, Ce)-modified Na0.5Bi4.5Ti4O15 multifunctional ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 12216-12221.	2.2	9
67	(K0.5Na0.5)0.96Li0.04Nb0.86Ta0.1Sb0.04O3â€“SrZrO3 ceramics with good fatigue-resistance and temperature-stable piezoelectric properties. Journal of Materials Science: Materials in Electronics, 2016, 27, 13249-13258.	2.2	4
68	Varistor, Dielectric, and Luminescent Properties of Pr₆O₁₁â€doped TiO₂ Multifunctional Ceramics. Journal of the American Ceramic Society, 2016, 99, 2995-3001.	3.8	14
69	Giant piezoelectricity and ultrahigh strain response in bismuth sodium titanate lead-free ceramics. Materials Letters, 2016, 165, 143-146.	2.6	17
70	Structure and electrical properties of lead-free Sr_{1â^'x}(K,Ce)_{x/2}(Na_{0.5}Bi_{0.5})Bi₄Ti₅O₁₈ piezoelectric ceramics. RSC Advances, 2016, 6, 13803-13808.	3.6	4
71	Enhanced electrical properties of lead-free (1Ââ^'Âx)(K0.44Na0.52Li0.04)(Nb0.91Ta0.05Sb0.04)O3â€“xSrZrO3 ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 6535-6541.	2.2	5
72	Dielectric, ferroelectric and field-induced strain response of lead-free (Fe, Sb)-modified (Bi 0.5 Na 0.5) 0.935 Ba 0.065 TiO 3 ceramics. Ceramics International, 2016, 42, 9419-9425.	4.8	22

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73	Phase structure, ferroelectric properties, and electric field-induced large strain in lead-free 0.99[(1â^') Tj ETQq1 1 0.784314 rgBT /Ove 42, 9660-9666.	4.8	25
74	Preparation and electrical properties of (1â^'x)SrBi2Nb2O9â^'xBiFeO3 lead-free piezoelectric ceramics. Ceramics International, 2016, 42, 5391-5396.	4.8	18
75	Preparation and electrical properties of SrBi2â^'x Sm x Nb2O9 lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 2114-2119.	2.2	8
76	Electric field-induced ultrahigh strain and large piezoelectric effect in Bi 1/2 Na 1/2 TiO 3 -based lead-free piezoceramics. Journal of the European Ceramic Society, 2016, 36, 489-496.	5.7	96
77	Influence of B-site non-stoichiometry on electrical properties of (K0.458Na0.542)0.96Li0.04Nb0.85Ta0.15Sb x O3 ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 1197-1200.	2.2	2
78	Structural modification and piezoelectric properties in Bi0.5Na0.5TiO3â€“BaTiO3â€“SrTiO3 thin films. Journal of Materials Science: Materials in Electronics, 2016, 27, 215-220.	2.2	11
79	Effect of (Bi_{0.5}K_{0.5})TiO₃ on the electrical properties, thermal and fatigue behavior of (K_{0.5}Na_{0.5})NbO₃-based lead-free piezoelectrics. Journal of Materials Research, 2015, 30, 2018-2029.	2.6	14
80	Bright reddish-orange emission and good piezoelectric properties of Sm2O3-modified (K0.5Na0.5)NbO3-based lead-free piezoelectric ceramics. Journal of Applied Physics, 2015, 117, .	2.5	48
81	Ultrahigh strain response with fatigue-free behavior in (Bi_{0.5}Na_{0.5})TiO₃-based lead-free piezoelectric ceramics. Journal Physics D: Applied Physics, 2015, 48, 472001.	2.8	59
82	Enhanced energy-storage properties of (1â^' x)[(1â^' y)(Bi 0.5 Na 0.5)TiO 3 â€“ y (Bi 0.5 K 0.5)TiO 3]â€“ x (K 0.5) Tj ETQq0 0 0 rgBT /(	1.9	116
83	Microstructure, electrical properties of Bi2NiMnO6-doped 0.935(Bi1/2Na1/2) TiO3â€“0.065BaTiO3 lead-free piezoelectric ceramics. Journal of Alloys and Compounds, 2015, 632, 580-584.	5.5	11
84	Good temperature stability and fatigue-free behavior in Sm2O3-modified 0.948(K0.5Na0.5)NbO3â€“0.052LiSbO3 lead-free piezoelectric ceramics. Materials Research Bulletin, 2015, 65, 94-102.	5.2	43
85	Microstructure and electrical properties of Bi1/2Na1/2TiO3â€“BaTiO3â€“Y2NiMnO6 lead-free piezoelectric ceramics. Ceramics International, 2015, 41, 6424-6431.	4.8	9
86	Structure and electrical properties of (1Ââ^'Âx)(Na0.5Bi0.5)0.94Ba0.06TiO3â€“xSmAlO3 lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 122-127.	2.2	4
87	Low-temperature sintering of high potential gradient B2O3-doped ZnO varistors. Journal of Materials Science: Materials in Electronics, 2015, 26, 4997-5000.	2.2	10
88	Microstructure and enhanced electrical properties of lead-free Bi1/2Na1/2TiO3â€“BaTiO3â€“La2CoMnO6 ternary system ceramics. Ceramics International, 2015, 41, 14124-14129.	4.8	8
89	Enhanced thermal stability and fatigue resistance in MTiO3-modified (K0.5Na0.5)0.94Li0.06NbO3 lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 7867-7872.	2.2	10
90	Large electric-field-induced strain in SrZrO3 modified Bi0.5(Na0.80K0.20)0.5TiO3 lead-free electromechanical ceramics withÂfatigue-resistant behavior. Journal of Alloys and Compounds, 2015, 647, 857-865.	5.5	47

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91	Structure and electrical properties of Bi1/2Na1/2TiO3-based lead-free piezoelectric ceramics. RSC Advances, 2015, 5, 41646-41652.	3.6	19
92	Lead-free electrostrictive (Bi0.5Na0.5)TiO3â€“(Bi0.5K0.5)TiO3â€“(K0.5Na0.5)NbO3 ceramics with good thermostability and fatigue-free behavior. Journal of Materials Science, 2015, 50, 5328-5336.	3.7	48
93	Bismuth layer-structured piezoelectric ceramics with high piezoelectric constant and high temperature stability. Journal of Materials Science: Materials in Electronics, 2015, 26, 5686-5689.	2.2	5
94	Investigation of structural and electrical properties of B-site complex ion (Nd1/2Ta1/2)4+-doped Bi1/2Na1/2TiO3 lead-free piezoelectric ceramic. Journal of Materials Science: Materials in Electronics, 2015, 26, 5409-5415.	2.2	4
95	Dielectric, ferroelectric and piezoelectric properties of Ca0.1Sr0.9Bi2Nb2O9 ceramic. Journal of Materials Science: Materials in Electronics, 2015, 26, 8740-8746.	2.2	18
96	Large strain response and fatigue-resistant behavior in lead-free Bi_{0.5}(Na_{0.80}K_{0.20})_{0.5}TiO₃â€“(K_{0.5}Na_{0.5})(M = Sb, Ta) ceramics. RSC Advances, 2015, 5, 82605-82616.	3.6	36
97	Largely enhanced piezoelectric and luminescent properties of Er doped BST ceramics. RSC Advances, 2015, 5, 91903-91907.	3.6	10
98	Nonlinear electrical properties of MnO2-doped TiO2 capacitor varistor ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 7232-7237.	2.2	4
99	High strain in (Bi_{1/2}Na_{1/2})_{0.935}Ba_{0.065}TiO₃â€“Sr₃Fe₂Nb₂O₉ lead-free ceramics with giant piezoresponse. RSC Advances, 2015, 5, 90508-90514.	3.6	14
100	Microstructure and piezoelectric properties of Ho2O3 doped (K0.4Na0.6)0.95Li0.05Nb0.95Sb0.05O3 lead-free ceramics near the rhombohedralâ€“orthorhombic phase boundary. Journal of Materials Science: Materials in Electronics, 2015, 26, 9654-9660.	2.2	2
101	The optimization of electric properties of multilayered BNTâ€“BTâ€“ST/BCST thin films by configuration. RSC Advances, 2015, 5, 6181-6185.	3.6	4
102	Effect of <scp><scp>BiMeO</scp></scp>₃ on the Phase Structure, Ferroelectric Stability, and Properties of Leadâ€Free Bi_{0.5}(Na_{0.80}K_{0.20})_{0.5}TiO₃ Ceramics. Journal of the American Ceramic Society, 2014, 97, 1776-1784.	3.8	59
103	Low-temperature sintering and electrical properties of Co-doped ZnO varistors. Journal of Materials Science: Materials in Electronics, 2014, 25, 3878-3884.	2.2	27
104	Phase transitional behavior and electric field-induced large strain in alkali niobate-modified Bi0.5(Na0.80K0.20)0.5TiO3 lead-free piezoceramics. Journal of Applied Physics, 2014, 115, 034101.	2.5	56
105	The Composition and Temperatureâ€Dependent Structure Evolution and Large Strain Response in (1â^'x)(<scp><scp>Bi</scp></scp>_{0.5}<scp><scp>Na</scp></scp>_{0.5})<scp><scp>TiO</scp></scp>₃â€“xSrTiO3 Ceramics. Journal of the American Ceramic Society, 2013, 96, 246-252.	3.8	121
106	Switching of morphotropic phase boundary and large strain response in lead-free ternary (Bi0.5Na0.5)TiO3â€“(K0.5Bi0.5)TiO3â€“(K0.5Na0.5)NbO3 system. Journal of Applied Physics, 2013, 113, .	2.5	143
107	Phase transitions, relaxor behavior, and large strain response in LiNbO3-modified Bi0.5(Na0.80K0.20)0.5TiO3 lead-free piezoceramics. Journal of Applied Physics, 2013, 114, .	2.5	99
108	Large Strain Response in <001> Textured 0.79<scp><scp>BNT</scp></scp>â€“0.20<scp><scp>BKT</scp></scp>â€“0.01<scp><scp>NKN</scp></scp> Leadâ€Free Piezoelectric Ceramics. Journal of the American Ceramic Society, 2012, 95, 3577-3581.	3.8	51

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109	Preparation of (K_{0.50}Na_{0.50})NbO₃Lead-Free Piezoelectric Ceramics by Mechanical Activation Assisted Method. Japanese Journal of Applied Physics, 2011, 50, 110207.	1.5	5
110	Singleâ€Calcination Synthesis of Pyrochlore Free Pb(Mg_{1/3}Nb_{2/3})O₃ Powders Using Particleâ€Coating Method. Journal of the American Ceramic Society, 2010, 93, 18-21.	3.8	2
111	Enhanced temperature stability of modified (K0.5Na0.5)0.94Li0.06NbO3 lead-free piezoelectric ceramics. Journal of Materials Science, 2009, 44, 6162-6166.	3.7	9
112	A Novel Hybrid Method of Solâ€“Gel and Ultrasonic Atomization Synthesis and Piezoelectric Properties of SrBi4Ti4O15Ceramics. Journal of the American Ceramic Society, 2008, 91, 910-913.	3.8	13