

Jigong Hao

List of Publications by Year in descending order

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112
papers

2,826
citations

249298

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214428

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114
all docs

114
docs citations

114
times ranked

1654
citing authors

#	ARTICLE	IF	CITATIONS
1	Achieving high energy storage performance and ultrafast discharge speed in SrTiO ₃ -based ceramics via a synergistic effect of chemical modification and defect chemistry. <i>Chemical Engineering Journal</i> , 2022, 429, 132548.	6.6	48
2	High-Energy Storage Properties over a Broad Temperature Range in La-Modified BNT-Based Lead-Free Ceramics. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 19683-19696.	4.0	57
3	(1-x)Bi _{0.5} Na _{0.47} Li _{0.03} TiO ₃ -xNaNbO ₃ lead-free ceramics with superior energy storage performances and good temperature stability. <i>Ceramics International</i> , 2022, 48, 24716-24724.	2.3	15
4	Optical temperature sensing properties and thermoluminescence behavior in Er-modified potassium sodium niobate-based multifunctional ferroelectric ceramics. <i>Journal of Materials Chemistry C</i> , 2022, 10, 11891-11902.	2.7	15
5	Polarization-induced phase structure transition and change of photoluminescence in Er ³⁺ -doped (Ba, Tj)ETQq1 1 0,784314 rgBT /Over	1.7	4
6	Temperature independent fatigue-free behavior in sodium bismuth titanate-based lead-free ceramics. <i>Scripta Materialia</i> , 2021, 194, 113678.	2.6	6
7	High-temperature and long-term stability of Ho-doped potassium sodium niobate-based multifunctional ceramics. <i>Ceramics International</i> , 2021, 47, 13391-13401.	2.3	8
8	Polarization-induced photoluminescence variation in Pr ³⁺ -doped (Ba, Ca)(Ti, Sn)O ₃ ferroelectric ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 22398-22407.	1.1	5
9	Upconversion luminescence and electrical properties of (K,Er) co-modified Na _{0.5} Bi ₄ Å5Ti ₄ O ₁₅ high-temperature piezoceramics. <i>Physica B: Condensed Matter</i> , 2020, 580, 411920.	1.3	6
10	Dielectric relaxation, impedance spectra, temperature stability and electrical properties of Sr ₂ MnSbO ₆ -modified KNN ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 959-966.	1.1	3
11	Enhancement of field-induced strain and bright upconversion luminescence in BNT-based multifunctional ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 21632-21639.	1.1	1
12	Giant Field-Induced Strain with Low Hysteresis and Boosted Energy Storage Performance under Low Electric Field in (Bi _{0.5} Na _{0.5})TiO ₃ -Based Grain Orientation-Controlled Ceramics. <i>Advanced Electronic Materials</i> , 2020, 6, 2000332.	2.6	59
13	Composition-dependent microstructure and electrical property of (1-x)SBN-xBNBT solid solutions. <i>Journal of the American Ceramic Society</i> , 2020, 103, 6913-6921.	1.9	4
14	Lead-free (0.93-x)Bi _{0.5} Na _{0.5} TiO ₃ -0.07BaTiO ₃ -xNaNbO ₃ relaxor ferroelectrics for energy storage applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 22676-22686.	1.1	7
15	Enhancement of up-conversion emission and field-induced strain in BNT-based multifunctional ceramics doping with LiNbO ₃ . <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 9579-9585.	1.1	2
16	High-energy storage performance of (1-x)[0.935(Bi _{0.5} Na _{0.5})TiO ₃ -0.065BaTiO ₃]-xBa(Zr _{0.3} Ti _{0.7})O ₃ ceramics with wide temperature range. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 9974-9981.	1.1	15
17	Electrical properties and luminescence properties of 0.96(K _{0.48} Na _{0.52})(Nb _{0.95} Sb _{0.05})-0.04Bi _{0.5} (Na _{0.82} K _{0.18}) _{0.5} ZrO ₃ -xSm lead-free ceramics. <i>Journal of Advanced Ceramics</i> , 2020, 9, 72-82.	8.9	27
18	The photoluminescence and piezoelectric properties of Eu ₂ O ₃ doped KNN-based ceramics. <i>Journal of Alloys and Compounds</i> , 2020, 829, 154518.	2.8	18

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19	Intrinsic and extrinsic dielectric contributions to the electrical properties in CaZrO ₃ -doped KNN-based electrical/optical multifunctional ceramics. <i>Journal of Materials Science</i> , 2020, 55, 5741-5749.	1.7	9
20	Multifunctional bismuth sodium titanate-based ferroelectric ceramics with bright red emission and large strain response. <i>Materials Chemistry and Physics</i> , 2020, 244, 122706.	2.0	0
21	Enhanced piezoelectric properties in M (M = Co or Zn)-doped Ba _{0.99} Ca _{0.01} Ti _{0.98} Zr _{0.02} O ₃ ceramics. <i>Ceramics International</i> , 2020, 46, 17351-17360.	2.3	32
22	Strong red emission and enhanced electrical properties in Pr-doped SrBi ₄ Ti ₄ O ₁₅ multifunctional ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 17890-17898.	1.1	5
23	The impedance, dielectric and piezoelectric properties of Tb ₄ O ₇ and Tm ₂ O ₃ doped KNN ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4352-4358.	1.1	16
24	Enhancement of the electrical-field-induced strain in sodium bismuth titanate-based lead-free ceramics by co-doping with Mn and Nb. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 9705-9714.	1.1	3
25	Temperature stability and electrical properties of Tm ₂ O ₃ doped KNN-based ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4716-4725.	1.1	9
26	Energy transfer and luminescence properties of a green-to-red color tunable phosphor Sr ₈ MgY(PO ₄) ₇ :Tb ³⁺ ,Eu ³⁺ . <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 9421-9428.	1.1	10
27	Photoluminescence and electrical properties of SrSmAlO ₄ -doped (Bi _{0.5} Na _{0.5}) _{0.935} Ba _{0.065} TiO ₃ ferroelectric ceramics. <i>Ceramics International</i> , 2019, 45, 5008-5014.	2.3	4
28	Photoluminescence and impedance properties of rare-earth doped (K _{0.5} Na _{0.5})NbO ₃ lead-free ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 9-16.	1.1	18
29	Progress in high-strain perovskite piezoelectric ceramics. <i>Materials Science and Engineering Reports</i> , 2019, 135, 1-57.	14.8	530
30	Lead-free rare earth-modified (K _{0.44} Na _{0.52} Li _{0.04})(Nb _{0.86} Ta _{0.14} Sb _{0.04})O ₃ ceramics: phase structure, electrical and photoluminescence properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 4791-4800.	1.1	6
31	Bright green emission and enhanced electrical properties in SrBi ₄ -Ho Ti ₄ O ₁₅ multifunctional ceramics. <i>Materials Chemistry and Physics</i> , 2018, 203, 82-88.	2.0	7
32	Poling effects on the structural, electrical and photoluminescence properties in Sm doped BCST piezoelectric ceramics. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11312-11319.	2.7	23
33	Influence of orientation on dielectric and ferroelectric properties of the BNT-BT-ST Thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 20952-20958.	1.1	2
34	Effect of Bi ₂ O ₃ content on the microstructure and electrical properties of SrBi ₂ Nb ₂ O ₉ piezoelectric ceramics. <i>RSC Advances</i> , 2018, 8, 15613-15620.	1.7	3
35	Strong red emission and enhanced electrostrain in (Bi _{0.5} Na _{0.5}) _{0.935} Pr _x Ba _{0.065} Ti _{1-x} Sb _x O ₃ lead-free multifunctional ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 13810-13817.	1.1	4
36	Field-induced large strain and strong green photoluminescence in (Ho,Sb)-modified (Bi _{0.5} Na _{0.5}) _{0.945} Ba _{0.065} TiO ₃ multifunctional ferroelectric ceramics. <i>Journal of Alloys and Compounds</i> , 2018, 767, 666-674.	2.8	20

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37	Electric Field-Induced Large Strain in Ni/Sb-co Doped (Bi _{0.5} Na _{0.5}) TiO ₃ -Based Lead-Free Ceramics. Journal of Electronic Materials, 2018, 47, 1512-1518.	1.0	8
38	Strong up-conversion luminescence and electrical properties of SrBi ₄ Ti ₄ O ₁₅ multifunctional ceramics by Er ³⁺ doping. Journal of Materials Science: Materials in Electronics, 2017, 28, 5840-5845.	1.1	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.	1.3	24
40	Temperature-insensitive strain behavior in 0.99[(1-x)Bi _{0.5} (Na _{0.80} K _{0.20}) _{0.5} TiO ₃]-xBiFeO ₃ lead-free piezoelectric ceramics. International Journal of Applied Ceramic Technology, 2017, 14, 623-629.		
41	Rare-earth doped (K _{0.5} Na _{0.5})NbO ₃ multifunctional ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 5288-5294.	1.1	7
42	Strong Photoluminescence and Improved Electrical Properties in Eu-Modified SrBi ₄ Ti ₄ O ₁₅ Multifunctional Ceramics. Journal of Electronic Materials, 2017, 46, 4398-4404.	1.0	5
43	The effect of SiO ₂ on electrical properties of low-temperature-sintered ZnO-Bi ₂ O ₃ -TiO ₂ -Co ₂ O ₃ -MnO ₂ -based ceramics. Journal of the American Ceramic Society, 2017, 100, 1057-1064.		
44	Electric field-induced large strain of (Bi _{1/2} Na _{1/2}) _{0.935} Ba _{0.065} TiO ₃ -CaYAlO ₄ lead-free ceramics. Materials Letters, 2017, 209, 408-412.	1.3	5
45	Ho-doped SrBi ₂ Nb ₂ O ₉ multifunctional ceramics with bright green emission and good electrical properties. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700276.	0.8	5
46	Reddish orange-emitting and improved electrical properties of Sm ₂ O ₃ -doped SrBi ₄ Ti ₄ O ₁₅ multifunctional ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 16341-16347.	1.1	8
47	Strong photoluminescence and high piezoelectric properties of Eu-doped (Ba _{0.99} Ca _{0.01})(Ti _{0.98} Zr _{0.02})O ₃ ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 16561-16569.	1.1	11
48	Thickness dependent dielectric and piezoelectric properties of BNT-BT-ST thin films. Ferroelectrics, 2017, 516, 140-147.	0.3	0
49	Hydrothermal preparation and electrical properties of Aurivillius phase SrBi ₄ Ti ₄ O ₁₅ ceramic. Ferroelectrics, 2017, 516, 148-155.	0.3	6
50	Improved Piezoelectricity in (K _{0.44} Na _{0.52} Li _{0.04})(Nb _{0.91} Ta _{0.05} Sb _{0.04})O ₃ -xBi _{0.25} Na _{0.25} NbO ₃ Lead-Free Piezoelectric Ceramics. Journal of Electronic Materials, 2017, 46, 116-122.	1.0	3
51	Improved piezoelectricity and high strain response of (1-x)(0.948K _{0.5} Na _{0.5} NbO ₃ -0.052LiSbO ₃)-xBi ₂ O ₃ ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 1211-1216.	1.1	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 -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.	2.8	30
53	Electric Field Cycling Induced Large Electrostrain in Aged (K _{0.5} Na _{0.5})NbO ₃ -Cu Lead-Free Piezoelectric Ceramics. Journal of the American Ceramic Society, 2016, 99, 402-405.	1.9	22
54	Field-induced large strain in lead-free (Bi _{0.5} Na _{0.5}) _{1-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.	2.8	37

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55	Large electrostrictive effect and strong photoluminescence in rare-earth modified lead-free (Bi _{0.5} Na _{0.5})TiO ₃ -based piezoelectric ceramics. Scripta Materialia, 2016, 122, 10-13.	2.6	39
56	Enhanced electrical properties of (Li,Ce) co-doped Sr(Na _{0.5} Bi _{0.5})Bi ₄ Ti ₅ O ₁₈ high temperature piezoceramics. RSC Advances, 2016, 6, 33387-33392.	1.7	16
57	Bright upconversion emission and enhanced piezoelectric properties in Er-modified bismuth layer-structured SrCaBi ₄ Ti ₅ O ₁₈ ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 5259-5263.	1.1	3
58	Enhanced dielectric and piezoelectric properties of (100) oriented Bi _{0.5} Na _{0.5} TiO ₃ â€“BaTiO ₃ â€“SrTiO ₃ thin films. Journal of Materials Science: Materials in Electronics, 2016, 27, 8911-8915.	1.1	2
59	0.46% unipolar strain in lead-free BNT-BT system modified with Al and Sb. Materials Letters, 2016, 184, 152-156.	1.3	48
60	Thermal stability and enhanced electrical properties of Er ³⁺ -modified Na _{0.5} Bi _{4.5} Ti ₄ O ₁₅ lead-free piezoelectric ceramics. RSC Advances, 2016, 6, 94870-94875.	1.7	11
61	Field-induced large strain in lead-free 0.99[(1-x) Bi _{0.5} (Na _{0.80} K _{0.20}) _{0.5} TiO ₃ â€“x BiFeO ₃]â€“0.01(K _{0.5}) ₂₋₃ Ti ₁₅ ETQq1	1.0	0.7843
62	Structure evolution and electrostrictive properties in (Bi _{0.5} Na _{0.5}) _{0.94} Ba _{0.06} TiO ₃ â€“M ₂ O ₅ (M = Nb, Ta, Tj ETQq0.0 rgBT /Overlock 1	2.8	87
63	Synthesis of anisotropic NaNbO ₃ seed crystals and fabrication of textured (K _{0.5} Na _{0.5})NbO ₃ -based ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 11256-11261.	1.1	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.	2.3	22
65	Electrical properties and thermal stability of Na _{0.5} Bi _{4.5} (La _{0.5} Ce _{0.5})Ti ₄ O ₁₅ Aurivillius ceramics. Materials Letters, 2016, 180, 252-255.	1.3	7
66	Strong red emission and enhanced ferroelectric properties in (Pr, Ce)-modified Na _{0.5} Bi _{4.5} Ti ₄ O ₁₅ multifunctional ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 12216-12221.	1.1	9
67	(K _{0.5} Na _{0.5}) _{0.96} Li _{0.04} Nb _{0.86} Ta _{0.14} Sb _{0.04} O ₃ â€“SrZrO ₃ ceramics with good fatigue-resistance and temperature-stable piezoelectric properties. Journal of Materials Science: Materials in Electronics, 2016, 27, 13249-13258.	1.1	4
68	Varistor, Dielectric, and Luminescent Properties of Pr ₆ O ₁₁ -doped TiO ₂ Multifunctional Ceramics. Journal of the American Ceramic Society, 2016, 99, 2995-3001.	1.9	14
69	Giant piezoelectricity and ultrahigh strain response in bismuth sodium titanate lead-free ceramics. Materials Letters, 2016, 165, 143-146.	1.3	17
70	Structure and electrical properties of lead-free Sr _{1-x} (K,Ce) _{x/2} (Na _{0.5} Bi _{0.5})Bi ₄ Ti ₅ O ₁₈ piezoelectric ceramics. RSC Advances, 2016, 6, 13803-13808.	0.7	184
71	Enhanced electrical properties of lead-free (1-x)(K _{0.44} Na _{0.52} Li _{0.04})(Nb _{0.91} Ta _{0.05} Sb _{0.04})O ₃ â€“xSrZrO ₃ ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 6535-6541.	1.1	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.	2.3	22

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73	Phase structure, ferroelectric properties, and electric field-induced large strain in lead-free $0.99[(1-x)TjETQq110.784314rgBT/Ove$ 42, 9660-9666.	2.3	25
74	Preparation and electrical properties of $(1-x)SrBi2Nb2O9-xBiFeO3$ lead-free piezoelectric ceramics. Ceramics International, 2016, 42, 5391-5396.	2.3	18
75	Preparation and electrical properties of $SrBi2-xSmxNb2O9$ lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 2114-2119.	1.1	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.	2.8	96
77	Influence of B-site non-stoichiometry on electrical properties of $(K_{0.458}Na_{0.542})_{0.96}Li_{0.04}Nb_{0.85}Ta_{0.15}Sb_xO_3$ ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 1197-1200.	1.1	2
78	Structural modification and piezoelectric properties in $Bi_{0.5}Na_{0.5}TiO_3-xBaTiO_3-xSrTiO_3$ thin films. Journal of Materials Science: Materials in Electronics, 2016, 27, 215-220.	1.1	11
79	Effect of $(Bi_{0.5}K_{0.5})TiO_3$ on the electrical properties, thermal and fatigue behavior of $(K_{0.5}Na_{0.5})NbO_3$ -based lead-free piezoelectrics. Journal of Materials Research, 2015, 30, 2018-2029.	1.2	14
80	Bright reddish-orange emission and good piezoelectric properties of Sm_2O_3 -modified $(K_{0.5}Na_{0.5})NbO_3$ -based lead-free piezoelectric ceramics. Journal of Applied Physics, 2015, 117, .	1.1	48
81	Ultrahigh strain response with fatigue-free behavior in $(Bi_{0.5}Na_{0.5})TiO_3$ -based lead-free piezoelectric ceramics. Journal Physics D: Applied Physics, 2015, 48, 472001.	1.3	59
82	Enhanced energy-storage properties of $(1-x)[(1-y)(Bi_{0.5}Na_{0.5})TiO_3-y(Bi_{0.5}K_{0.5})TiO_3]-x(K_{0.5}TjETQq0.0rgBT/0.9116$	0.9	116
83	Microstructure, electrical properties of Bi_2NiMnO_6 -doped $0.935(Bi_{1/2}Na_{1/2})TiO_3-xBaTiO_3$ lead-free piezoelectric ceramics. Journal of Alloys and Compounds, 2015, 632, 580-584.	2.8	11
84	Good temperature stability and fatigue-free behavior in Sm_2O_3 -modified $0.948(K_{0.5}Na_{0.5})NbO_3-xLiSbO_3$ lead-free piezoelectric ceramics. Materials Research Bulletin, 2015, 65, 94-102.	2.7	43
85	Microstructure and electrical properties of $Bi_{1/2}Na_{1/2}TiO_3-xBaTiO_3-xY_2NiMnO_6$ lead-free piezoelectric ceramics. Ceramics International, 2015, 41, 6424-6431.	2.3	9
86	Structure and electrical properties of $(1-x)(Na_{0.5}Bi_{0.5})_{0.94}Ba_{0.06}TiO_3-xSmAlO_3$ lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 122-127.	1.1	4
87	Low-temperature sintering of high potential gradient B_2O_3 -doped ZnO varistors. Journal of Materials Science: Materials in Electronics, 2015, 26, 4997-5000.	1.1	10
88	Microstructure and enhanced electrical properties of lead-free $Bi_{1/2}Na_{1/2}TiO_3-xBaTiO_3-xLa_2CoMnO_6$ ternary system ceramics. Ceramics International, 2015, 41, 14124-14129.	2.3	8
89	Enhanced thermal stability and fatigue resistance in $MTiO_3$ -modified $(K_{0.5}Na_{0.5})_{0.94}Li_{0.06}NbO_3$ lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 7867-7872.	1.1	10
90	Large electric-field-induced strain in $SrZrO_3$ modified $Bi_{0.5}(Na_{0.8}K_{0.2})_{0.5}TiO_3$ lead-free electromechanical ceramics with fatigue-resistant behavior. Journal of Alloys and Compounds, 2015, 647, 857-865.	2.8	47

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91	Structure and electrical properties of Bi _{1/2} Na _{1/2} TiO ₃ -based lead-free piezoelectric ceramics. RSC Advances, 2015, 5, 41646-41652.	1.7	19
92	Lead-free electrostrictive (Bi _{0.5} Na _{0.5})TiO ₃ â€“(Bi _{0.5} K _{0.5})TiO ₃ â€“(K _{0.5} Na _{0.5})NbO ₃ ceramics with good thermostability and fatigue-free behavior. Journal of Materials Science, 2015, 50, 5328-5336.	1.7	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.	1.1	5
94	Investigation of structural and electrical properties of B-site complex ion (Nd _{1/2} Ta _{1/2}) ⁴⁺ -doped Bi _{1/2} Na _{1/2} TiO ₃ lead-free piezoelectric ceramic. Journal of Materials Science: Materials in Electronics, 2015, 26, 5409-5415.	1.1	4
95	Dielectric, ferroelectric and piezoelectric properties of Ca _{0.1} Sr _{0.9} Bi ₂ Nb ₂ O ₉ ceramic. Journal of Materials Science: Materials in Electronics, 2015, 26, 8740-8746.	1.1	18
96	Large strain response and fatigue-resistant behavior in lead-free Bi _{0.5} (Na _{0.80} K _{0.20}) _{0.5} TiO ₃ â€“(K _{0.5} Na _{0.5})NbO ₃ (M = Sb, Ta) ceramics. RSC Advances, 2015, 5, 82605-82616.	1.7	10
97	Largely enhanced piezoelectric and luminescent properties of Er doped BST ceramics. RSC Advances, 2015, 5, 91903-91907.	1.7	10
98	Nonlinear electrical properties of MnO ₂ -doped TiO ₂ capacitor varistor ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 7232-7237.	1.1	4
99	High strain in (Bi _{1/2} Na _{1/2}) _{0.935} Ba _{0.065} TiO ₃ â€“(Sr ₃ FeNb ₂) _{0.5} lead-free ceramics with giant piezoresponse. RSC Advances, 2015, 5, 90508-90514.	1.7	10
100	Microstructure and piezoelectric properties of Ho ₂ O ₃ doped (K _{0.4} Na _{0.6}) _{0.95} Li _{0.05} Nb _{0.95} Sb _{0.05} O ₃ lead-free ceramics near the rhombohedralâ€“orthorhombic phase boundary. Journal of Materials Science: Materials in Electronics, 2015, 26, 9654-9660.	1.1	2
101	The optimization of electric properties of multilayered BNTâ€“BTâ€“ST/BCST thin films by configuration. RSC Advances, 2015, 5, 6181-6185.	1.7	4
102	Effect of (BiMeO) ₃ on the Phase Structure, Ferroelectric Stability, and Properties of Lead-Free Bi _{0.5} (Na _{0.80} K _{0.20}) _{0.5} TiO ₃ Ceramics. Journal of the American Ceramic Society, 2014, 97, 1776-1784.	1.9	59
103	Low-temperature sintering and electrical properties of Co-doped ZnO varistors. Journal of Materials Science: Materials in Electronics, 2014, 25, 3878-3884.	1.1	27
104	Phase transitional behavior and electric field-induced large strain in alkali niobate-modified Bi _{0.5} (Na _{0.80} K _{0.20}) _{0.5} TiO ₃ lead-free piezoceramics. Journal of Applied Physics, 2014, 115, 034101.	1.1	56
105	The Composition and Temperature-Dependent Structure Evolution and Large Strain Response in (1-x)(Bi _{0.5} Na _{0.5})TiO ₃ -x(Bi _{0.5} K _{0.5})TiO ₃ Ceramics. Journal of the American Ceramic Society, 2013, 96, 246-252.	1.1	143
106	Switching of morphotropic phase boundary and large strain response in lead-free ternary (Bi _{0.5} Na _{0.5})TiO ₃ â€“(K _{0.5} Bi _{0.5})TiO ₃ â€“(K _{0.5} Na _{0.5})NbO ₃ system. Journal of Applied Physics, 2013, 113, .	1.1	143
107	Phase transitions, relaxor behavior, and large strain response in LiNbO ₃ -modified Bi _{0.5} (Na _{0.80} K _{0.20}) _{0.5} TiO ₃ lead-free piezoceramics. Journal of Applied Physics, 2013, 114, .	1.1	99
108	Large Strain Response in $(1-x)$ BNT- x BKT- y NKN Lead-Free Piezoelectric Ceramics. Journal of the American Ceramic Society, 2012, 95, 3577-3581.	1.9	51

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109	Preparation of $(K_{0.50}Na_{0.50})NbO_3$ Lead-Free Piezoelectric Ceramics by Mechanical Activation Assisted Method. Japanese Journal of Applied Physics, 2011, 50, 110207.	0.8	5
110	Single-Step Calcination Synthesis of Pyrochlore Free $Pb(Mg_{1/3}Nb_{2/3})O_3$ Powders Using Particle-Coating Method. Journal of the American Ceramic Society, 2010, 93, 18-21.	1.9	2
111	Enhanced temperature stability of modified $(K_{0.5}Na_{0.5})_{0.94}Li_{0.06}NbO_3$ lead-free piezoelectric ceramics. Journal of Materials Science, 2009, 44, 6162-6166.	1.7	9
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