

Wei Li

List of Publications by Year in descending order

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144
papers

4,686
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94381

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all docs

144
docs citations

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times ranked

2396
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	Electric field-induced photoluminescence quenching in Pr-doped BNT ceramics across the MPB region. <i>Journal of Materiomics</i> , 2022, 8, 288-294.	2.8	7
3	Enhanced piezoelectric properties of Lu ₂ O ₃ doped BCTS ceramics with orthorhombic-tetragonal coexisting phase. <i>Materials Letters</i> , 2022, 311, 131543.	1.3	2
4	Enhanced field-induced-strain by maximizing reversible domain switching contribution via eliminating negative strain in (Na _{0.5} Bi _{0.5})TiO ₃ -based ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 6802.	1.1	3
5	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
6	Multiple Charge Transfer Bands Induced Broad Excitation Eu ³⁺ Red Emission in a Vanadium Phosphate System for White Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2022, 61, 8291-8297.	1.9	13
7	(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
8	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
9	Polarization-induced phase structure transition and change of photoluminescence in Er ³⁺ -doped (Ba, _{Tj} ETQq1 1 0,784314 rgBT /Ov	1.7	17
10	Directly Grown Polystyrene Nanospheres on Graphene Oxide Enable Efficient Thermal Management. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 7124-7131.	1.8	6
11	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
12	High-temperature and long-term stability in Co/Sb-codoped (Bi _{0.5} Na _{0.5})TiO ₃ -based electrostrictive ceramics. <i>Journal of Alloys and Compounds</i> , 2021, 876, 160202.	2.8	5
13	Upconversion luminescence and electrical properties of (K,Er) co-modified Na _{0.5} Bi ₄ 5Ti ₄ O ₁₅ high-temperature piezoceramics. <i>Physica B: Condensed Matter</i> , 2020, 580, 411920.	1.3	6
14	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
15	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
16	Mechanical and acoustic properties of a hybrid organic-inorganic perovskite, TMCM-CdCl ₃ , with large piezoelectricity. <i>APL Materials</i> , 2020, 8, 101106.	2.2	20
17	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
18	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

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19	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
20	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
21	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
22	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
23	Structure and electrical properties of Bi _{0.5} Ba _{0.5} FeO ₃ -Y ₂ O ₃ composite NTC ceramics. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 249, 114421.	1.7	12
24	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
25	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
26	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
27	Luminescence and electrical properties of Eu ²⁺ -modified Bi _{0.5} Na _{0.5} TiO ₃ multifunctional ceramics. <i>Journal of the American Ceramic Society</i> , 2019, 102, 5243-5252.	1.9	19
28	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
29	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
30	Progress in high-strain perovskite piezoelectric ceramics. <i>Materials Science and Engineering Reports</i> , 2019, 135, 1-57.	14.8	530
31	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
32	Structure and piezoelectric properties of (Ba _{1-x} Ca _x)(Ti _{0.95} Hf _{0.05})O ₃ lead-free ceramics. <i>Materials Research Bulletin</i> , 2018, 97, 334-342.	2.7	14
33	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
34	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
35	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
36	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

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37	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. Journal of Alloys and Compounds, 2018, 767, 666-674.	2.8	20
38	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
39	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
40	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
41	Large electrocaloric strength and broad electrocaloric temperature span in lead-free Ba _{0.85} Ca _{0.15} Ti _{1-x} Hf _x O ₃ ceramics. RSC Advances, 2017, 7, 5813-5820.	1.7	46
42	High recoverable energy storage density and large piezoelectric response in (Bi _{0.5} Na _{0.5})TiO ₃ -PbTiO ₃ thin films prepared by a sol-gel method. Journal of the European Ceramic Society, 2017, 37, 3319-3327.	2.8	35
43	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
44	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
45	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
46	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
47	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
48	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
49	Thickness dependent dielectric and piezoelectric properties of BNT-BT-ST thin films. Ferroelectrics, 2017, 516, 140-147.	0.3	0
50	Microstructure and electric properties of BCZT thin films with seed layers. RSC Advances, 2017, 7, 49962-49968.	1.7	10
51	Dielectric and ferroelectric properties of Ta-modified Bi _{3.25} La _{0.75} Ti ₃ O ₁₂ ceramics. Ceramics International, 2017, 43, 13193-13198.	2.3	14
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 temperature stability and fatigue-resistant behavior in MgTiO ₃ -doped 0.948(K _{0.5} Na _{0.5})NbO ₃ –0.052LiSbO ₃ lead-free ceramics. Ceramics International, 2016, 42, 8051-8057.	2.3	4
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 –BaTiO ₃ –SrTiO ₃ thin films. Journal of Materials Science: Materials in Electronics, 2016, 27, 8911-8915.	1.1	2
59	Large strain response in (Mn,Sb)-modified (Bi _{0.5} Na _{0.5}) _{0.935} Ba _{0.065} TiO ₃ lead-free piezoelectric ceramics. Ceramics International, 2016, 42, 14886-14893.	2.3	23
60	0.46% unipolar strain in lead-free BNT-BT system modified with Al and Sb. Materials Letters, 2016, 184, 152-156.	1.3	48
61	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
62	Field-induced large strain in lead-free 0.99[(1-x)Bi _{0.5} (Na _{0.80} K _{0.20}) _{0.5} TiO ₃ –xBiFeO ₃]–0.01(K _{0.5}) _{0.0} rgBT / O	2.3	15
63	Structure evolution and electrostrictive properties in (Bi _{0.5} Na _{0.5}) _{0.94} Ba _{0.06} TiO ₃ –M ₂ O ₅ (M = Nb, Ta,) Tj ETQq _{1,1} 0.7843 ₁₄ rgBT / O	2.3	87
64	Strong luminescence and high piezoelectric properties in Pr-doped (Ba _{0.99} Ca _{0.01})(Ti _{0.98} Zr _{0.02})O ₃ multifunctional ceramics. Journal of Alloys and Compounds, 2016, 689, 30-35.	2.8	22
65	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
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 –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	Crystallographic orientation dependence of piezoelectric and dielectric properties of BNT-based thin films. Journal of the European Ceramic Society, 2016, 36, 3139-3145.	2.8	13
69	Electric field-induced giant strain and piezoelectricity enhancement effect in (Bi _{1/2} Na _{1/2}) _{0.935} +Ba _{0.065} Ti ₁ (Pr _{1/2} Nb _{1/2}) _{0.03} lead-free ceramics. Ceramics International, 2016, 42, 4354-4360.	2.3	10
70	Processing and enhanced electrical properties of Sr ₁ -(K _{0.5} Bi _{0.5}) ₂ Bi ₂ Nb ₂ O ₉ lead-free piezoelectric ceramics. Ceramics International, 2016, 42, 10619-10623.	2.3	13
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 –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	Structural modification and piezoelectric properties in 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, 215-220.	1.1	11
74	The effect of stress on the piezoelectric properties of BNTâ€“BTâ€“ST thin films. Materials Letters, 2016, 162, 135-137.	1.3	20
75	Effects of BiFe _{0.5} Ta _{0.5} O ₃ addition on electrical properties of K _{0.5} Na _{0.5} NbO ₃ lead-free piezoelectric ceramics. Ceramics International, 2016, 42, 1943-1949.	2.3	15
76	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
77	Bright reddish-orange emission and good piezoelectric properties of Sm ₂ O ₃ -modified (K _{0.5} Na _{0.5})NbO ₃ -based lead-free piezoelectric ceramics. Journal of Applied Physics, 2015, 117, .	1.1	48
78	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
79	Enhanced energy-storage properties of (1- λ)[(1- γ)(Bi _{0.5} Na _{0.5})TiO ₃ â€“ γ (Bi _{0.5} K _{0.5})TiO ₃]- λ (K _{0.5})NbO ₃ lead-free piezoelectric ceramics. Journal of Applied Physics, 2015, 117, 094101.	0.9	116
80	Good temperature stability and fatigue-free behavior in Sm ₂ O ₃ -modified 0.948(K _{0.5} Na _{0.5})NbO ₃ â€“0.052LiSbO ₃ lead-free piezoelectric ceramics. Materials Research Bulletin, 2015, 65, 94-102.	2.7	43
81	Structure and electrical properties of (1- λ)(Na _{0.5} Bi _{0.5}) _{0.94} Ba _{0.06} TiO ₃ â€“ λ SmAlO ₃ lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 122-127.	1.1	4
82	Influence of SnO ₂ on ZnOâ€“Bi ₂ O ₃ â€“Co ₂ O ₃ based varistor ceramics. Ceramics International, 2015, 41, 12490-12494.	2.3	7
83	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
84	Composition dependence of phase structure and electrical properties of BiMnO ₃ -modified Bi _{0.5} (Na _{0.8} K _{0.2}) _{0.5} TiO ₃ thin films. RSC Advances, 2015, 5, 62713-62718.	1.7	17
85	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
86	Reduced leakage current, enhanced ferroelectric and dielectric properties of (La, Fe)-codoped Bi _{0.5} Na _{0.5} TiO ₃ -based thin films. Ceramics International, 2015, 41, S344-S348.	2.3	28
87	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
88	Enhanced dielectric and piezoelectric properties in lead-free Bi _{0.5} Na _{0.5} TiO ₃ â€“BaTiO ₃ â€“SrTiO ₃ thin films with seed layer. Ceramics International, 2015, 41, S356-S360.	2.3	17
89	Large strain response and fatigue-resistant behavior in lead-free Bi _{0.5} (Na _{0.8} K _{0.2}) _{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	16
90	Largely enhanced piezoelectric and luminescent properties of Er doped BST ceramics. RSC Advances, 2015, 5, 91903-91907.	1.7	10

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91	High strain in $(\text{Bi}_{1/2}\text{Na}_{1/2})_{0.935}\text{Ba}_{0.065}\text{TiO}_3$ "Sr ₃ FeNb ₂ lead-free ceramics with giant piezoresponse. RSC Advances, 2015, 5, 90508-90514.		
92	Microstructure and piezoelectric properties of Ho ₂ O ₃ doped $(\text{K}_{0.4}\text{Na}_{0.6})_{0.95}\text{Li}_{0.05}\text{Nb}_{0.95}\text{Sb}_{0.05}\text{O}_3$ lead-free ceramics near the rhombohedral " orthorhombic phase boundary. Journal of Materials Science: Materials in Electronics, 2015, 26, 9654-9660.	1.1	2
93	The optimization of electric properties of multilayered BNT " BT " ST/BCST thin films by configuration. RSC Advances, 2015, 5, 6181-6185.	1.7	4
94	Ferroelectric and piezoelectric properties of La-modified lead-free $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ " $(\text{Bi}_{0.5}\text{K}_{0.5})\text{TiO}_3$ " SrTiO ₃ thin films. Ceramics International, 2015, 41, 4479-4486.	2.3	24
95	Orientation dependence on piezoelectric properties of $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ -BaTiO ₃ -SrTiO ₃ epitaxial thin films. Applied Physics Letters, 2014, 104, .	1.5	21
96	Structural, dielectric and piezoelectric properties of $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ " $(\text{Bi}_{0.5}\text{K}_{0.5})\text{TiO}_3$ " Bi(Zn _{0.5} Ti _{0.5})O ₃ thin films prepared by sol " gel method. Ceramics International, 2014, 40, 7947-7951.	2.3	24
97	Improved piezoelectric property and bright upconversion luminescence in Er doped $(\text{Ba}_{0.99}\text{Ca}_{0.01})(\text{Ti}_{0.98}\text{Zr}_{0.02})\text{O}_3$ ceramics. Journal of Alloys and Compounds, 2014, 583, 305-308.	2.8	63
98	Enhanced piezoelectricity in broad composition range and the temperature dependence research of $(\text{Ba}_{1-x}\text{Ca}_x)(\text{Ti}_{0.95}\text{Sn}_{0.05})\text{O}_3$ piezoceramics. Physica B: Condensed Matter, 2014, 433, 43-47.	1.3	25
99	Phase Diagrams and Electromechanical Strains in Lead " Free BNT " Based Ternary Perovskite Compounds. Journal of the American Ceramic Society, 2014, 97, 3510-3518.	1.9	61
100	Y ₂ O ₃ -modified Ba(Ti _{0.96} Sn _{0.04})O ₃ ceramics with improved piezoelectricity and raised Curie temperature. Materials Research Bulletin, 2014, 59, 305-310.	2.7	20
101	Effect of SrTiO ₃ template on electric properties of textured BNT " BKT ceramics prepared by templated grain growth process. Journal of Alloys and Compounds, 2014, 603, 149-157.	2.8	55
102	Orientation dependence of the dielectric and piezoelectric properties for the Ba _{0.98} Ca _{0.02} Ti _{0.96} Sn _{0.04} O ₃ thin films. Journal of Sol-Gel Science and Technology, 2013, 66, 220-224.	1.1	12
103	Enlarged polymorphic phase transition boundary and enhanced piezoelectricity in ternary component $0.8\text{Ba}_{1-x}\text{Ca}_x\text{TiO}_3$ " $0.1\text{BaTi}_{0.8}\text{Zr}_{0.2}\text{O}_3$ " $0.1\text{BaTi}_{0.9}\text{Sn}_{0.1}\text{O}_3$ ceramics. Materials Letters, 2013, 110, 80-82.	1.3	10
104	Structure and electrical properties of $(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ " $\text{Bi}_{0.5}(\text{Na}_{0.82}\text{K}_{0.18})_{0.5}\text{TiO}_3$ " BiAlO ₃ lead free piezoelectric ceramics. Materials Chemistry and Physics, 2013, 138, 140-145.	2.0	24
105	Structure and electrical properties of $(1-x)(\text{Na}_{0.5}\text{Bi}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ " x BiAlO ₃ lead-free piezoelectric ceramics. Materials & Design, 2013, 46, 322-327.	5.1	29
106	Enhanced dielectric and piezoelectric properties of Mn doped $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ " $(\text{Bi}_{0.5}\text{K}_{0.5})\text{TiO}_3$ " SrTiO ₃ thin films. Journal of Alloys and Compounds, 2013, 580, 157-161.	2.8	31
107	Dielectric and piezoelectric properties of the Ba _{0.92} Ca _{0.08} Ti _{0.95} Zr _{0.05} O ₃ thin films grown on different substrate. Current Applied Physics, 2013, 13, 1205-1208.	1.1	25
108	Structure and strain behavior of " textured BNT-based ceramics by template grain growth. Materials Letters, 2013, 97, 137-140.	1.3	32

#	ARTICLE	IF	CITATIONS
109	Phase structures and electrical properties of $(1-x)(K_{0.48}Na_{0.52})NbO_3-x(Ba_{0.85}Ca_{0.15})(Zr_{0.1}Ti_{0.9})O_3$ lead-free ceramics. <i>Ceramics International</i> , 2013, 39, S685-S689.	2.3	7
110	Polymorphic phase transition and enhanced piezoelectric properties in $(Ba_{0.9}Ca_{0.1})(Ti_{1-x}Sn_x)O_3$ lead-free ceramics. <i>Materials Letters</i> , 2013, 97, 86-89.	1.3	57
111	Phase transitions, relaxor behavior, and large strain response in $LiNbO_3$ -modified $Bi_{0.5}(Na_{0.8}K_{0.2})_{0.5}TiO_3$ lead-free piezoceramics. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	99
112	Effect of $LaNiO_3$ Buffer Layer on Ferroelectric Properties of $Ba(Zr,Ti)O_3$ Thin Films. <i>Integrated Ferroelectrics</i> , 2012, 140, 116-122.	0.3	2
113	Phase transitions, relaxor behavior, and electrical properties in $(1-x)(Bi_{0.5}Na_{0.5})TiO_3-x(K_{0.5}Na_{0.5})NbO_3$ lead-free piezoceramics. <i>Journal of Materials Research</i> , 2012, 27, 2943-2955.		
114	Structure and electrical properties of the Ho_2O_3 doped $0.82Bi_{0.5}Na_{0.5}TiO_3-x(0.18Bi_{0.5}K_{0.5}TiO_3)$ lead-free piezoelectric ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2012, 23, 2167-2172.	1.1	12
115	Piezoelectric and Strain Properties of Strontium-Doped BZT-BCT Lead-Free Ceramics. <i>Key Engineering Materials</i> , 2012, 512-515, 1385-1389.	0.4	11
116	Enhancement of the temperature stabilities in yttrium doped $(Ba_{0.99}Ca_{0.01})(Ti_{0.98}Zr_{0.02})O_3$ ceramics. <i>Journal of Alloys and Compounds</i> , 2012, 531, 46-49.	2.8	74
117	Structure and electrical properties of $(1-x)(Bi_{0.5}(Na_{0.8}K_{0.18})_{0.5})TiO_3-xBiAlO_3$ lead-free piezoelectric ceramics. <i>Journal of Alloys and Compounds</i> , 2012, 535, 5-9.	2.8	11
118	Correlation Between the Microstructure and Electrical Properties in High-Performance $(Ba_{0.85}Ca_{0.15})(Zr_{0.1}Sn_{0.1})O_3$ Lead-Free Piezoelectric Ceramics. <i>Journal of the American Ceramic Society</i> , 2012, 95, 1998-2006.	1.9	66
119	Structural and dielectric properties in the $(Ba_{1-x}Ca_x)(Ti_{0.95}Zr_{0.05})O_3$ ceramics. <i>Current Applied Physics</i> , 2012, 12, 748-751.	1.1	39
120	Effect of Ho doping on piezoelectric properties of BCZT ceramics. <i>Ceramics International</i> , 2012, 38, 4353-4355.	2.3	61
121	Gd_2O_3 doped $0.82Bi_{0.5}Na_{0.5}TiO_3-x(0.18Bi_{0.5}K_{0.5}TiO_3)$ lead-free piezoelectric ceramics. <i>Materials & Design</i> , 2012, 35, 276-280.	5.1	28
122	Structure and electrical properties of Er_2O_3 doped $0.82Bi_{0.5}Na_{0.5}TiO_3-x(0.18Bi_{0.5}K_{0.5}TiO_3)$ lead-free piezoelectric ceramics. <i>Materials & Design</i> , 2012, 40, 373-377.	5.1	23
123	Enhanced ferroelectric properties in $(Ba_{1-x}Ca_x)(Ti_{0.94}Sn_{0.06})O_3$ lead-free ceramics. <i>Journal of the European Ceramic Society</i> , 2012, 32, 517-520.	2.8	80
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128	Effects of Eu_2O_3 on the structure and electrical properties of $0.82\text{Bi}_0.5\text{Na}_0.5\text{TiO}_3\text{-}0.18\text{Bi}_0.5\text{K}_0.5\text{TiO}_3$ lead-free piezoelectric ceramics. <i>Current Applied Physics</i> , 2011, 11, 822-826.	1.1	17
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