

Wei Li

List of Publications by Year in descending order

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144
papers

4,686
citations

94381

37
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62
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all docs

144
docs citations

144
times ranked

2396
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in high-strain perovskite piezoelectric ceramics. <i>Materials Science and Engineering Reports</i> , 2019, 135, 1-57.	14.8	530
2	Correlation Between the Microstructure and Electrical Properties in High-Performance ($\text{Ba}_{0.85}\text{Ca}_{0.15}$)($\text{Zr}_{0.1}\text{Sr}_{0.9}$) TiO_3 Lead-Free Piezoelectric Ceramics. <i>Journal of the American Ceramic Society</i> , 2012, 95, 1998-2006.	1.9	174
3	Piezoelectric and Dielectric Properties of ($\text{Ba}_{1-x}\text{Ca}_x$)($\text{Ti}_{0.95}\text{Zr}_{0.05}$) O_3 Lead-Free Ceramics. <i>Journal of the American Ceramic Society</i> , 2010, 93, 2942-2944.	1.9	174
4	High piezoelectric d_{33} coefficient in ($\text{Ba}_{1-x}\text{Ca}_x$)($\text{Ti}_{0.98}\text{Zr}_{0.02}$) O_3 lead-free ceramics with relative high Curie temperature. <i>Materials Letters</i> , 2010, 64, 2325-2327.	1.3	126
5	Enhanced energy-storage properties of ($1-x$)($1-y$)($\text{Bi}_{0.5}\text{Na}_{0.5}$) TiO_3 \cdot ($1-x$)($1-y$)($\text{Bi}_{0.5}\text{K}_{0.5}$) TiO_3 \cdot ($1-x$)($1-y$)($\text{K}_{0.5}\text{Ti}_{0.9}$) TiO_3 . <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	99
6	Phase transitions, relaxor behavior, and large strain response in LiNbO_3 -modified $\text{Bi}_{0.5}(\text{Na}_{0.8}\text{K}_{0.2})_{0.5}\text{TiO}_3$ lead-free piezoceramics. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	99
7	Polymorphic phase transition and piezoelectric properties of ($\text{Ba}_{1-x}\text{Ca}_x$)($\text{Ti}_{0.9}\text{Zr}_{0.1}$) O_3 lead-free ceramics. <i>Physica B: Condensed Matter</i> , 2010, 405, 4513-4516.	1.3	95
8	Large Piezoelectric Coefficient in ($\text{Ba}_{1-x}\text{Ca}_x$)($\text{Ti}_{0.96}\text{Zr}_{0.04}$) O_3 Lead-Free Ceramics. <i>Journal of the American Ceramic Society</i> , 2011, 94, 4131-4133.	1.9	166
9	Structure evolution and electrostrictive properties in ($\text{Bi}_{0.5}\text{Na}_{0.5}$) $_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ \cdot M_2O_5 ($\text{M} = \text{Nb}, \text{Ta}$). <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	99
10	High piezoelectric d_{33} coefficient of lead-free ($\text{Ba}_{0.93}\text{Ca}_{0.07}$)($\text{Ti}_{0.95}\text{Zr}_{0.05}$) O_3 ceramics sintered at optimal temperature. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2011, 176, 65-67.	1.7	84
11	Enhanced ferroelectric properties in ($\text{Ba}_{1-x}\text{Ca}_x$)($\text{Ti}_{0.94}\text{Sn}_{0.06}$) O_3 lead-free ceramics. <i>Journal of the European Ceramic Society</i> , 2012, 32, 517-520.	2.8	80
12	Enhancement of the temperature stabilities in yttrium doped ($\text{Ba}_{0.99}\text{Ca}_{0.01}$)($\text{Ti}_{0.98}\text{Zr}_{0.02}$) O_3 ceramics. <i>Journal of Alloys and Compounds</i> , 2012, 531, 46-49.	2.8	74
13	Structure and electrical properties of BaTiO_3 prepared by sol-gel process. <i>Journal of Alloys and Compounds</i> , 2009, 482, 137-140.	2.8	71
14	Temperature Stability in Dy-Doped ($\text{Ba}_{0.99}\text{Ca}_{0.01}$)($\text{Ti}_{0.98}\text{Zr}_{0.02}$) O_3 Lead-Free Ceramics with High Piezoelectric Coefficient. <i>Journal of the American Ceramic Society</i> , 2011, 94, 3181-3183.	1.9	166
15	Improved piezoelectric property and bright upconversion luminescence in Er doped ($\text{Ba}_{0.99}\text{Ca}_{0.01}$)($\text{Ti}_{0.98}\text{Zr}_{0.02}$) O_3 ceramics. <i>Journal of Alloys and Compounds</i> , 2014, 583, 305-308.	2.8	63
16	Effect of Ho doping on piezoelectric properties of BCZT ceramics. <i>Ceramics International</i> , 2012, 38, 4353-4355.	2.3	61
17	Phase Diagrams and Electromechanical Strains in Lead-Free BNT-Based Ternary Perovskite Compounds. <i>Journal of the American Ceramic Society</i> , 2014, 97, 3510-3518.	1.9	61
18	Piezoelectric, ferroelectric and dielectric properties of La_2O_3 -doped ($\text{Bi}_{0.5}\text{Na}_{0.5}$) $_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ lead-free ceramics. <i>Materials & Design</i> , 2010, 31, 796-801.	5.1	59

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19	Ultrahigh strain response with fatigue-free behavior in $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ -based lead-free piezoelectric ceramics. <i>Journal of Physics D: Applied Physics</i> , 2015, 48, 472001.	1.3	59
20	Polymorphic phase transition and enhanced piezoelectric properties in $(\text{Ba}_{0.9}\text{Ca}_{0.1})(\text{Ti}_{1-x}\text{Sn}_x)\text{O}_3$ lead-free ceramics. <i>Materials Letters</i> , 2013, 97, 86-89.	1.3	57
21	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
22	Effect of SrTiO_3 template on electric properties of textured BNT-BKT ceramics prepared by templated grain growth process. <i>Journal of Alloys and Compounds</i> , 2014, 603, 149-157.	2.8	55
23	Piezoelectric, ferroelectric and dielectric properties of Nd_2O_3 -doped $(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ lead-free ceramics. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 167, 161-166.	1.7	49
24	Bright reddish-orange emission and good piezoelectric properties of Sm_2O_3 -modified $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3$ -based lead-free piezoelectric ceramics. <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	48
25	Lead-free electrostrictive $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ - $(\text{Bi}_{0.5}\text{K}_{0.5})\text{TiO}_3$ - $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3$ ceramics with good thermostability and fatigue-free behavior. <i>Journal of Materials Science</i> , 2015, 50, 5328-5336.	1.7	48
26	0.46% unipolar strain in lead-free BNT-BT system modified with Al and Sb. <i>Materials Letters</i> , 2016, 184, 152-156.	1.3	48
27	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
28	Large electric-field-induced strain in SrZrO_3 modified $\text{Bi}_{0.5}(\text{Na}_{0.80}\text{K}_{0.20})_{0.5}\text{TiO}_3$ lead-free electromechanical ceramics with fatigue-resistant behavior. <i>Journal of Alloys and Compounds</i> , 2015, 647, 857-865.	2.8	47
29	Large electrocaloric strength and broad electrocaloric temperature span in lead-free $\text{Ba}_{0.85}\text{Ca}_{0.15}\text{Ti}_{1-x}\text{Hf}_x\text{O}_3$ ceramics. <i>RSC Advances</i> , 2017, 7, 5813-5820.	1.7	46
30	Relaxor behavior and dielectric properties of (La, Ta)-modified $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3$ lead-free ceramics. <i>Journal of Alloys and Compounds</i> , 2009, 484, 233-238.	2.8	45
31	Piezoelectric and dielectric properties of Sm_2O_3 -doped $0.82\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ - $0.18\text{Bi}_{0.5}\text{K}_{0.5}\text{TiO}_3$ ceramics. <i>Journal of Alloys and Compounds</i> , 2010, 502, 341-345.	2.8	45
32	Piezoelectric, ferroelectric and dielectric properties of Sm_2O_3 -doped $(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ lead-free ceramics. <i>Materials Chemistry and Physics</i> , 2010, 124, 1065-1070.	2.0	44
33	Good temperature stability and fatigue-free behavior in Sm_2O_3 -modified $0.948(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3$ - 0.052LiSbO_3 lead-free piezoelectric ceramics. <i>Materials Research Bulletin</i> , 2015, 65, 94-102.	2.7	43
34	Effect of Dy_2O_3 on the structure and electrical properties of $(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ lead-free piezoelectric ceramics. <i>Journal of Alloys and Compounds</i> , 2010, 508, 546-553.	2.8	41
35	Structural and dielectric properties in the $(\text{Ba}_{1-x}\text{Ca}_x)(\text{Ti}_{0.95}\text{Zr}_{0.05})\text{O}_3$ ceramics. <i>Current Applied Physics</i> , 2012, 12, 748-751.	1.1	39
36	Large electrostrictive effect and strong photoluminescence in rare-earth modified lead-free $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ -based piezoelectric ceramics. <i>Scripta Materialia</i> , 2016, 122, 10-13.	2.6	39

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37	Phase transitions, relaxor behavior, and electrical properties in $(1-x)(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ - $(x)(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3$ piezoceramics. <i>Journal of Materials Research</i> , 2012, 27, 2943-2955.		
38	Field-induced large strain in lead-free $(\text{Bi}_{0.5}\text{Na}_{0.5})_{1-x}\text{Ba}_x\text{Ti}_{0.98}(\text{Fe}_{0.5}\text{Ta}_{0.5})_{0.02}\text{O}_3$ piezoelectric ceramics. <i>Journal of Alloys and Compounds</i> , 2016, 677, 96-104.	2.8	37
39	Large strain response and fatigue-resistant behavior in lead-free $\text{Bi}_{0.5}\text{Na}_{0.80}\text{K}_{0.20}\text{TiO}_3$ - $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3$ (M = Sb, Ta) ceramics. <i>RSC Advances</i> , 2015, 5, 82605-82616.		
40	Dielectric and piezoelectric properties of $\text{Ba}(\text{Zr}_x\text{Ti}_{1-x})\text{O}_3$ lead-free ceramics. <i>Brazilian Journal of Physics</i> , 2010, 40, 353-356.	0.7	35
41	High recoverable energy storage density and large piezoelectric response in $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ - PbTiO_3 thin films prepared by a sol-gel method. <i>Journal of the European Ceramic Society</i> , 2017, 37, 3319-3327.	2.8	35
42	Structure and strain behavior of textured BNT-based ceramics by template grain growth. <i>Materials Letters</i> , 2013, 97, 137-140.	1.3	32
43	Enhanced piezoelectric properties in M (M = Co or Zn)-doped $\text{Ba}_{0.99}\text{Ca}_{0.01}\text{Ti}_{0.98}\text{Zr}_{0.02}\text{O}_3$ ceramics. <i>Ceramics International</i> , 2020, 46, 17351-17360.	2.3	32
44	Characterization of $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3$ powders and ceramics prepared by a novel hybrid method of sol-gel and ultrasonic atomization. <i>Materials & Design</i> , 2010, 31, 3146-3150.	5.1	31
45	Sol-gel synthesis and characterization of $\text{Ba}(\text{Sr})\text{TiO}_3$ ceramics. <i>Journal of Alloys and Compounds</i> , 2010, 499, 255-258.	2.8	31
46	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. <i>Journal of Alloys and Compounds</i> , 2013, 580, 157-161.	2.8	31
47	Fatigue-resistant, temperature-insensitive strain behavior and strong red photoluminescence in Pr-modified $0.92(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ - $0.08(\text{Ba}_{0.90}\text{Ca}_{0.10})(\text{Ti}_{0.92}\text{Sn}_{0.08})\text{O}_3$ lead-free ceramics. <i>Journal of the European Ceramic Society</i> , 2017, 37, 877-882.	2.8	30
48	Structure and electrical properties of $(1-x)(\text{Na}_{0.5}\text{Bi}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ - $x\text{BiAlO}_3$ lead-free piezoelectric ceramics. <i>Materials & Design</i> , 2013, 46, 322-327.	5.1	29
49	Gd_2O_3 doped $0.82\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ - $0.18\text{Bi}_{0.5}\text{K}_{0.5}\text{TiO}_3$ lead-free piezoelectric ceramics. <i>Materials & Design</i> , 2012, 35, 276-280.	5.1	28
50	Reduced leakage current, enhanced ferroelectric and dielectric properties of (La, Fe)-codoped $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ -based thin films. <i>Ceramics International</i> , 2015, 41, S344-S348.	2.3	28
51	Electrical properties and luminescence properties of $0.96(\text{K}_{0.48}\text{Na}_{0.52})(\text{Nb}_{0.95}\text{Sb}_{0.05})_{0.04}\text{Bi}_{0.5}(\text{Na}_{0.82}\text{K}_{0.18})_{0.5}\text{ZrO}_3$ - $x\text{Sm}$ lead-free ceramics. <i>Journal of Advanced Ceramics</i> , 2020, 9, 72-82.	8.9	27
52	Dielectric and piezoelectric properties of the $\text{Ba}_{0.92}\text{Ca}_{0.08}\text{Ti}_{0.95}\text{Zr}_{0.05}\text{O}_3$ thin films grown on different substrate. <i>Current Applied Physics</i> , 2013, 13, 1205-1208.	1.1	25
53	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. <i>Physica B: Condensed Matter</i> , 2014, 433, 43-47.	1.3	25
54	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. <i>Materials Chemistry and Physics</i> , 2013, 138, 140-145.	2.0	24

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55	Structural, dielectric and piezoelectric properties of (Bi _{0.5} Na _{0.5})TiO ₃ â€“(Bi _{0.5} K _{0.5})TiO ₃ â€“(Bi _{0.5} Zn _{0.5} Ti _{0.5})O ₃ thin films prepared by solâ€“gel method. <i>Ceramics International</i> , 2014, 40, 7947-7951.	2.3	24
56	Ferroelectric and piezoelectric properties of La-modified lead-free (Bi _{0.5} Na _{0.5})TiO ₃ â€“(Bi _{0.5} K _{0.5})TiO ₃ â€“(SrTiO ₃) thin films. <i>Ceramics International</i> , 2015, 41, 4479-4486.	2.3	24
57	Bright upconversion emission and large strain in Er/Sb-codoped (Bi _{0.5} Na _{0.5}) _{0.945} Ba _{0.065} TiO ₃ ceramics. <i>Materials Letters</i> , 2017, 193, 138-141.	1.3	24
58	Structure and electrical properties of Er ₂ O ₃ doped 0.82Bi _{0.5} Na _{0.5} TiO ₃ â€“(0.18Bi _{0.5} K _{0.5})TiO ₃ lead-free piezoelectric ceramics. <i>Materials & Design</i> , 2012, 40, 373-377.	5.1	23
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. <i>Ceramics International</i> , 2016, 42, 14886-14893.	2.3	23
60	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
61	Electric Field Cycling Induced Large Electrostrain in Aged (K _{0.5} Na _{0.5})NbO ₃ â€“(Cu)-Free Piezoelectric Ceramics. <i>Journal of the American Ceramic Society</i> , 2016, 99, 402-405.	1.9	22
62	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. <i>Journal of Alloys and Compounds</i> , 2016, 689, 30-35.	2.8	22
63	Strong photoluminescence and good electrical properties in Eu-modified SrBi ₂ Nb ₂ O ₉ multifunctional ceramics. <i>Ceramics International</i> , 2016, 42, 14849-14854.	2.3	22
64	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. <i>Ceramics International</i> , 2016, 42, 9419-9425.	2.3	22
65	Orientation dependence on piezoelectric properties of Bi _{0.5} Na _{0.5} TiO ₃ -BaTiO ₃ -SrTiO ₃ epitaxial thin films. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	21
66	Y ₂ O ₃ -modified Ba(Ti _{0.96} Sn _{0.04})O ₃ ceramics with improved piezoelectricity and raised Curie temperature. <i>Materials Research Bulletin</i> , 2014, 59, 305-310.	2.7	20
67	The effect of stress on the piezoelectric properties of BNTâ€“(BTâ€“(ST) thin films. <i>Materials Letters</i> , 2016, 162, 135-137.	1.3	20
68	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
69	Mechanical and acoustic properties of a hybrid organicâ€“inorganic perovskite, TCMC-CdCl ₃ , with large piezoelectricity. <i>APL Materials</i> , 2020, 8, 101106.	2.2	20
70	Luminescence and electrical properties of Eu-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
71	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
72	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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73	Effects of Eu ₂ O ₃ on the structure and electrical properties of 0.82Bi _{0.5} Na _{0.5} TiO ₃ –0.18Bi _{0.5} K _{0.5} TiO ₃ lead-free piezoelectric ceramics. <i>Current Applied Physics</i> , 2011, 11, 822-826.	1.1	17
74	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. <i>RSC Advances</i> , 2015, 5, 62713-62718.	1.7	17
75	Enhanced dielectric and piezoelectric properties in lead-free Bi _{0.5} Na _{0.5} TiO ₃ –BaTiO ₃ –SrTiO ₃ thin films with seed layer. <i>Ceramics International</i> , 2015, 41, S356-S360.	2.3	17
76	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
77	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}) ₂ TiO ₅ piezoelectric ceramics. <i>Ceramics International</i> , 2016, 42, 1943-1949.	2.3	15
78	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. <i>Ceramics International</i> , 2016, 42, 1943-1949.	2.3	15
79	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
80	(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
81	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
82	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. <i>Journal of Materials Research</i> , 2015, 30, 2018-2029.	1.2	14
83	High strain in (Bi _{1/2} Na _{1/2}) _{0.935} Ba _{0.065} TiO ₃ –Sr ₃ FeNb ₂ O ₁₄ lead-free ceramics with giant piezoresponse. <i>RSC Advances</i> , 2015, 5, 90508-90514.	2.3	14
84	Dielectric and ferroelectric properties of Ta-modified Bi _{3.25} La _{0.75} Ti ₃ O ₁₂ ceramics. <i>Ceramics International</i> , 2017, 43, 13193-13198.	2.3	14
85	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
86	Crystallographic orientation dependence of piezoelectric and dielectric properties of BNT-based thin films. <i>Journal of the European Ceramic Society</i> , 2016, 36, 3139-3145.	2.8	13
87	Processing and enhanced electrical properties of Sr ₁ -(K _{0.5} Bi _{0.5})Bi ₂ Nb ₂ O ₉ lead-free piezoelectric ceramics. <i>Ceramics International</i> , 2016, 42, 10619-10623.	2.3	13
88	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
89	Synthesis and characterization of (Na _{0.85} K _{0.15}) _{0.5} Bi _{0.5} TiO ₃ ceramics by different methods. <i>Materials Research Bulletin</i> , 2011, 46, 871-874.	2.7	12
90	Structure and electrical properties of the Ho ₂ O ₃ doped 0.82Bi _{0.5} Na _{0.5} TiO ₃ –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

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91	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. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 66, 220-224.	1.1	12
92	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
93	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
94	Structure and electrical properties of (1-x) (Bi _{0.5} (Na _{0.82} K _{0.18}) _{0.5}) TiO ₃ -x BiAlO ₃ lead-free piezoelectric ceramics. <i>Journal of Alloys and Compounds</i> , 2012, 535, 5-9.	2.8	11
95	Thermal stability and enhanced electrical properties of Er ³⁺ -modified Na _{0.5} Bi _{4.5} Ti ₄ O ₁₅ lead-free piezoelectric ceramics. <i>RSC Advances</i> , 2016, 6, 94870-94875.	1.7	11
96	Structural modification and piezoelectric properties in Bi _{0.5} Na _{0.5} TiO ₃ -BaTiO ₃ -SrTiO ₃ thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 215-220.	1.1	11
97	Strong photoluminescence and high piezoelectric properties of Eu-doped (Ba _{0.99} Ca _{0.01})(Ti _{0.98} Zr _{0.02})O ₃ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 16561-16569.	1.1	11
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