Chang-Lai Yuan

List of Publications by Year
in descending order

138 papers	1,878 citations	279798 23 h-index	377865 34 g-index
138 all docs	138 docs citations	138 times ranked	1235 citing authors

#	Article	IF	Citations
1	A novel perovskite ferroelectric KNbO3-Bi(Ni1/2Ti1/2)O3 nanofibers for photocatalytic hydrogen production. Applied Surface Science, 2022, 572, 151359.	6.1	9
2	Significantly enhanced energy-storage properties of Bi0.47Na0.47Ba0.06TiO3-CaHfO3 ceramics by introducing Sr0.7Bi0.2TiO3 for pulse capacitor application. Chemical Engineering Journal, 2022, 429, 132165.	12.7	62
3	Effect of PTFE, PET, and PFA on the microwave dielectric properties of H3BO3 ceramics. Materials Chemistry and Physics, 2022, 277, 125566.	4.0	2
4	Giant strain with ultra-low hysteresis by tailoring relaxor temperature and PNRs dynamic in BNT-based lead-free piezoelectric ceramics. Ceramics International, 2022, 48, 13125-13133.	4.8	15
5	Enhanced energy storage density of antiferroelectric AgNbO3-based ceramics by Bi/Ta modification at A/B sites. Journal of Materials Science: Materials in Electronics, 2022, 33, 3081-3090.	2.2	4
6	Enhanced Visible Photocatalytic Hydrogen Evolution of KN-Based Semiconducting Ferroelectrics <i>via</i> Band-Gap Engineering and High-Field Poling. ACS Applied Materials & Interfaces, 2022, 14, 8916-8930.	8.0	18
7	Visible-light photocatalytic hydrogen production in a narrow-bandgap semiconducting La/Ni-modified KNbO₃ ferroelectric and further enhancement <i>via</i> high-field poling. Journal of Materials Chemistry A, 2022, 10, 7238-7250.	10.3	18
8	Effect of Na Doping on the Photocatalytic Hydrogen Production of Ferroelectric K_{1-x}Na_{<i>x</i>}NbO₃ Nanofibers. Journal of Physical Chemistry C, 2022, 126, 3957-3966.	3.1	2
9	Realising high comprehensive energy storage performance of BaTiO3-based perovskite ceramics via La(Zn1/2Hf1/2)O3 modification. Ceramics International, 2022, 48, 16173-16182.	4.8	21
10	Bandgap engineering and enhancing photovoltaic effect in Bi0.5Na0.5TiO3-based ferroelectric ceramics. Materials Science in Semiconductor Processing, 2022, 145, 106640.	4.0	9
11	Giant electric field-induced strain with low hysteresis in Bi0.5Na0.5TiO3-xSr0.7Ca0.3TiO3 lead-free piezoceramics. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	3
12	Achieving Ultrahigh Photocurrent Density of Mg/Mn-Modified KNbO₃ Ferroelectric Semiconductors by Bandgap Engineering and Polarization Maintenance. Chemistry of Materials, 2022, 34, 4274-4285.	6.7	15
13	Enhanced photovoltaic performance via Mn/Hf ion co-doped KN-based ceramics with tunable band-gap and ferroelectricity. Journal of Alloys and Compounds, 2022, 921, 166115.	5.5	3
14	Crystal structures and electrical properties of Sr/Feâ€modified KNbO₃ ferroelectric semiconductors with narrow bandgap. Journal of the American Ceramic Society, 2021, 104, 2181-2190.	3.8	10
15	Aqueous synthesis of composition-tuned defects in CuInSe₂ nanocrystals for enhanced visible-light photocatalytic H₂ evolution. Nanoscale Advances, 2021, 3, 2334-2342.	4.6	12
16	Significantly enhanced energy harvesting based on Ba(Ti,Sn)O3 and P(VDF-CTFE) composite by piezoelectric and triboelectric hybrid. Journal of Materials Science: Materials in Electronics, 2021, 32, 2422-2431.	2.2	2
17	Semiconducting tailoring and electrical properties of A-site Co substituted Bi0Â·5Na0Â·5TiO3-Î´ ferroelectric ceramics. Materials Chemistry and Physics, 2021, 260, 124100.	4.0	9
18	High photocurrent densities in Bi0.5Na0.5TiO3 ferroelectric semiconductors. Materials Letters, 2021, 287, 129299.	2.6	12

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19	Photocurrent density and electrical properties of Bi0.5Na0.5TiO3-BaNi0.5Nb0.5O3 ceramics. Journal of Advanced Ceramics, 2021, 10, 1119-1128.	17.4	30
20	Effect of Ca2+/Hf4+ modification at A/B sites on energy-storage density of Bi0.47Na0.47Ba0.06TiO3 ceramics. Chemical Engineering Journal, 2021, 420, 129861.	12.7	81
21	Nonergodicâ€“ergodic relaxor transition and enhanced piezoelectric properties in B-site complex ions substitution 0.93Bi0.5Na0.5TiO3â€“0.07BaTiO3 ceramics. Journal of Materials Science: Materials in Electronics, 2021, 32, 24308-24319.	2.2	4
22	Microwave dielectric polymer-ceramics sintered at near room-temperature with moisture-proof ability. Ceramics International, 2021, 47, 26400-26409.	4.8	3
23	Enhanced piezoelectric and ferroelectric properties of tetragonal BiFeO3â€“BaTiO3 ceramics via tailoring sintering temperature and dwell time. Journal of Materials Science: Materials in Electronics, 2021, 32, 24496-24506.	2.2	4
24	Relaxor ferroelectric Bi0.5Na0.5TiO3â€“Sr0.7Nd0.2TiO3 ceramics with high energy storage density and excellent stability under a low electric field. Journal of Physics and Chemistry of Solids, 2021, 157, 110209.	4.0	15
25	Photo-dielectric response enhancement and switching behavior of (1-x)(K0.5Na0.5)NbO3-xCa(Ni0.5Nb0.5)O3-Î´ ceramics by semiconduction method. Journal of Alloys and Compounds, 2021, 881, 160512.	5.5	8
26	High-field polarization boosting visible-light photocatalytic H2 evolution of narrow-bandgap semiconducting (1 âˆ’ x)KNbO3â€“xBa(Ni1/2Nb1/2)O3âˆ’Î´ ferroelectric ceramics. New Journal of Chemistry, 2021, 45, 20296-20308.	2.8	1
27	Ultrahigh Energy Storage Density and Efficiency in Bi_{0.5}Na_{0.5}TiO₃-Based Ceramics via the Domain and Bandgap Engineering. ACS Applied Materials & Interfaces, 2021, 13, 51218-51229.	8.0	83
28	Dielectric and energy storage properties of Bi ₂ O ₃ -B ₂ O ₃ -SiO ₂ doped Ba _{0.85} Ca _{0.15} Zr _{0.1} Ti _{0.9} O ₃ lead-free glass-ceramics. Royal Society Open Science, 2020, 7, 191822.	2.4	7
29	Impedance Spectroscopy and Photovoltaic Effect of Oxygen Defect Engineering on KNbO3 Ferroelectric Semiconductors. Journal of Electronic Materials, 2020, 49, 6165-6174.	2.2	10
30	Effects of CaHfO3 on the electrical properties of Bi0.49Na0.49Ca0.02TiO3 ferroelectric ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 16209-16219.	2.2	1
31	Optical and electrical properties of ferroelectric Bi0.5Na0.5TiO3-NiTiO3 semiconductor ceramics. Materials Science in Semiconductor Processing, 2020, 115, 105089.	4.0	21
32	Optical and electrical properties of ferroelectric Ba Bi0.5-0.5Ag0.05-0.5Na0.45Ti1-Ni0.5Nb0.5O3 semiconductor ceramics. Materials Letters, 2020, 268, 127627.	2.6	5
33	Photocurrent and dielectric/ferroelectric properties of KNbO3â€“BaFeO3-Î´ ferroelectric semiconductors. Ceramics International, 2020, 46, 14567-14572.	4.8	26
34	Formation mechanism, dielectric properties, and energy-storage density in LiNbO3-doped Na0.47Bi0.47Ba0.06TiO3 ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 13368-13375.	2.2	5
35	High energy storage efficiency and high electrostrictive coefficients in BNTâ€“BSâ€“xBT ferroelectric ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 5546-5553.	2.2	22
36	Study on phase structures and compositions, microstructures, and dielectric characteristics of (1-x)NdGaO3-xBi0.5Na0.5TiO3 microwave ceramic systems. Ceramics International, 2020, 46, 16185-16195.	4.8	4

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37	Electrical properties of BaFe0.9Sn0.1O3â€“BaCoII0.02CoIII0.04Bi0.94O3 composite thick-film thermistors. Rare Metals, 2020, 39, 1321-1327.	7.1	1
38	Complex impedance spectroscopy of perovskite microwave dielectric ceramics with high dielectric constant. Journal of the American Ceramic Society, 2019, 102, 1852-1865.	3.8	23
39	Structures and microwave dielectric behavior of Sr0.1Ca0.9TiO3â€“Bi0.1Na0.1Li0.4Sm0.4TiO3 ceramic system. Journal of Materials Science: Materials in Electronics, 2019, 30, 14554-14561.	2.2	0
40	Electrical microstructures of CaTiO3-Bi0.5Na0.5TiO3 microwave ceramics with high permittivity (Îµmax) Tj ETQq0 0 0 rgBT /Overlock 10	5.5	12
41	The effect of artificial stress on structure, electrical and mechanical properties of Sr2+ doped BNTâ€“BT lead-free piezoceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 21398-21405.	2.2	6
42	Synthesis, microstructure and characterization of ultra-low permittivity CuOâ€“ZnOâ€“B2O3â€“Li2O glass/Al2O3 composites for ULTCC application. Ceramics International, 2019, 45, 24431-24436.	4.8	25
43	Effect of K:Ba ratio on energy storage properties of strontium barium potassium niobate-glass ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 19262-19269.	2.2	4
44	Phase structures, microstructures, and dielectric characteristics of high Îµr (1-x-y)Bi0.5Na0.5TiO3-xLi0.5Sm0.5TiO3-yNa0.5La0.5TiO3 microwave ceramic systems. Ceramics International, 2019, 45, 7839-7849.	4.8	2
45	Dielectric behaviors and relaxor characteristics in Bi0.5Na0.5TiO3-BaTiO3 ceramics. Journal of Advanced Dielectrics, 2019, 09, 1950038.	2.4	4
46	Microwave Dielectric Properties of Na5RE(MoO4)4 (REâ€‰=â€‰La, Gd, Dy, Er) Ceramics with a Low Sintering Temperature. Journal of Electronic Materials, 2019, 48, 656-661.	2.2	5
47	Effect of structures and substrate temperatures on BaZn0.06Bi0.94O3- perovskite-based NTC thermistor thin films. Materials Science in Semiconductor Processing, 2019, 91, 239-245.	4.0	8
48	Microstructures and electrical properties of (1-x)Li0.5Sm0.5TiO3â€“xNa0.5Bi0.5TiO3 ceramics. Materials Chemistry and Physics, 2019, 223, 24-31.	4.0	1
49	Dual relaxation behaviors and large electrostrictive properties of Bi0.5Na0.5TiO3â€“Sr0.85Bi0.1TiO3 ceramics. Journal of Materials Science, 2018, 53, 8844-8854.	3.7	27
50	Sintering behavior, phase evolutions and microwave dielectric properties of LaGaO3-SrTiO3 ceramics modified by CeO2 additives. Ceramics International, 2018, 44, 6601-6606.	4.8	19
51	Structural characteristics and microwave dielectric properties of a new Sm2O3-Nd2O3-MgO-CeO2 ceramic system. Materials Chemistry and Physics, 2018, 207, 44-49.	4.0	2
52	Comparative studies on structure, dielectric, strain and energy storage properties of (Bi0.5Na0.5)0.94Ba0.06Ti0.965(Mg1/3Nb2/3)0.035O3 lead-free ceramics prepared by traditional and two-step sintering method. Journal of Materials Science: Materials in Electronics, 2018, 29, 5349-5355.	2.2	7
53	Effect of substrate temperatures on BaCo.1Bi.9O3 NTC thermistor thin films. Materials Science in Semiconductor Processing, 2018, 80, 118-122.	4.0	7
54	Microwave dielectric properties of (1-x) BiVO4â€“xLn2/3MoO4 (Ln=Er, Sm, Nd, la) ceramics with low sintering temperatures. Journal of Electroceramics, 2018, 40, 99-106.	2.0	2

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55	Ferroelectricâ€quasiferroelectricâ€ergodic relaxor transition and multifunctional electrical properties in Bi_{0.5}Na_{0.5}TiO₃â€based ceramics. Journal of the American Ceramic Society, 2018, 101, 1554-1565.	3.8	51
56	Crystal structure and dielectric properties of a new Na2O-Nd2O3-CeO2 ceramic system at microwave frequencies. Materials Research Bulletin, 2018, 98, 8-14.	5.2	8
57	Effect of A-Site Non-stoichiometry on Structure and Microwave Dielectric Properties of Ca x (Li0.36Nd0.36Bi0.14Na0.14)TiO3 Ceramics. Journal of Electronic Materials, 2018, 47, 285-291.	2.2	0
58	Microwave dielectric properties of Bi(Sc1/3Mo2/3)O4 ceramics for LTCC applications. Journal of Materials Science: Materials in Electronics, 2018, 29, 1817-1822.	2.2	10
59	Microwave dielectric properties of Sr0.7Ce0.2TiO3â€“Sr(Mg1/3Nb2/3)O3 ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 2668-2675.	2.2	3
60	Crystallization behavior, densification and microwave dielectric properties of MgO-Al2O3-SiO2-TiO2 system glass-ceramics containing V2O5. Journal of Non-Crystalline Solids, 2018, 481, 329-334.	3.1	17
61	Excellent optical, dielectric, and ferroelectric properties of Sr(In0.5Nb0.5)O3 modified K0.5Na0.5NbO3 lead-free transparent ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 19123-19129.	2.2	15
62	Microstructures and microwave dielectric properties of x Li 1/2 Ln 1/2 TiO 3 -(1- x)Na 1/2 Bi 1/2 TiO 3 (Ln=Sm and Nd) ceramic systems. Journal of Alloys and Compounds, 2017, 698, 329-335.	5.5	7
63	Effects of P2O5 on crystallization, sinterability and microwave dielectric properties of MgO-Al2O3-SiO2-TiO2 glass-ceramics. Journal of Non-Crystalline Solids, 2017, 459, 123-129.	3.1	19
64	Microstructures and microwave dielectric properties of (Ba1âˆ’xSrx)4(Sm0.4Nd0.6)28/3Ti18O54 solid solutions. Journal of Advanced Ceramics, 2017, 6, 50-58.	17.4	16
65	Correlation between dielectric loss, microstructures and phase structures in a novel Mg n+1 Ti n O 3n+1 microwave ceramic system. Materials Chemistry and Physics, 2017, 198, 35-41.	4.0	4
66	Luminescent characteristics of Tm3+/Tb3+/Eu3+ tri-doped borophosphate glasses for LED applications. Journal of Materials Science: Materials in Electronics, 2017, 28, 5592-5596.	2.2	3
67	Crystallization behavior, densification and microwave dielectric properties in MgOâ€“Al2O3â€“SiO2â€“TiO2-based glassâ€“ceramics with B2O3 addition. Journal of Materials Science: Materials in Electronics, 2017, 28, 8160-8166.	2.2	2
68	Energy transfer, optical and luminescent properties in Tm3+/Tb3+/Sm3+ tri-doped borate glasses. Journal of Materials Science: Materials in Electronics, 2017, 28, 553-558.	2.2	11
69	Effects of two-step heat treatment on crystallization behavior, densification and microwave dielectric properties of MgO-Al2O3-SiO2-TiO2-Sb2O3 glass-ceramics. Journal of Non-Crystalline Solids, 2017, 471, 400-405.	3.1	10
70	Effects of Bi3+ substitution on microwave dielectric properties of (Ce1âˆ’x Bi x)0.2Sr0.7TiO3 ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 9941-9949.	2.2	4
71	Microwave dielectric properties of Na0.5Sm0.5TiO3-based ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 3052-3059.	2.2	5
72	A new insight into structural complexity in ferroelectric ceramics. Journal of Advanced Ceramics, 2017, 6, 262-268.	17.4	6

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73	Enhanced energy storage properties of Bi0.5Li0.5TiO3 modified Sr0.1Bi0.45Na0.45TiO3 based ceramics. Journal of Advanced Ceramics, 2016, 5, 219-224.	17.4	6
74	High piezoelectricity associated with crossover from nonergodicity to ergodicity in modified Bi0.5Na0.5TiO3 relaxor ferroelectrics. Journal of Electroceramics, 2016, 37, 23-28.	2.0	2
75	Low-Temperature Sintering and Microwave Dielectric Properties of Bi0.9Ln0.05Li0.05V0.9Mo0.1O4 (LnÂ=ÂSm, Nd and La) Ceramics. Journal of Electronic Materials, 2016, 45, 4302-4308.	2.2	2
76	Effect of poling on polarization alignment, dielectric behavior, and piezoelectricity development in polycrystalline BiFeO₃â€"BaTiO₃ ceramics. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 52-59.	1.8	15
77	Microstructures and microwave dielectric properties of Mg+1Ti O3+1 ceramics with ultralow dielectric loss. Materials Letters, 2016, 185, 432-435.	2.6	7
78	Microstructures, electrical behavior and energy-storage properties of Ba 0.06 Na 0.47 Bi 0.47 TiO 3 -Ln 1/3 NbO 3 (LnÂ=ÂLa, Nd, Sm) ceramics. Materials Chemistry and Physics, 2016, 181, 444-451.	4.0	10
79	Ergodic Relaxor State with High Energy Storage Performance Induced by Doping Sr0.85Bi0.1TiO3 in Bi0.5Na0.5TiO3 Ceramics. Journal of Electronic Materials, 2016, 45, 5146-5151.	2.2	37
80	Effect of NdAlO3 on microstructure, dielectric properties and temperature-stable mechanism of (Sr,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2016, 27, 11110-11117.	2.2	6
81	Tailoring antiferroelectricity with high energy-storage properties in Bi0.5Na0.5TiO3â€"BaTiO3 ceramics by modulating Bi/Na ratio. Journal of Materials Science: Materials in Electronics, 2016, 27, 10810-10815.	2.2	34
82	X-ray Diffraction, Dielectric, and Raman Spectroscopy Studies of SrTiO3-Based Microwave Ceramics. Journal of Electronic Materials, 2016, 45, 715-721.	2.2	11
83	Normal-to-relaxor ferroelectric phase transition and electrical properties in Nb-modified 0.72BiFeO3-0.28BaTiO3 ceramics. Journal of Electroceramics, 2016, 36, 1-7.	2.0	28
84	New dielectric material systems of SrxNd2(1â€"x)/3TiO3 perovskites-like at microwave frequencies. Materials Chemistry and Physics, 2016, 173, 309-316.	4.0	11
85	High Piezoelectric Response in (Li0.5Sm0.5)2+-Modified 0.93Bi0.5Na0.5TiO3-0.07BaTiO3 Near the Nonergodicâ€"Ergodic RelaxorÂTransition. Journal of Electronic Materials, 2016, 45, 2967-2973.	2.2	6
86	High energy storage property and breakdown strength of Bi0.5(Na0.82K0.18)0.5TiO3 ceramics modified by (Al0.5Nb0.5)4+ complex-ion. Journal of Alloys and Compounds, 2016, 666, 209-216.	5.5	75
87	Energy storage properties and electrical behavior of lead-free (1Ââˆ'Âx) Ba0.04Bi0.48Na0.48TiO3â€"xSrZrO3 ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 3948-3956.	2.2	40
88	Electrical Properties of Sr_{1â€"}<scp>_{<i>x</i>}B</scp>i_{<i>x</i>}Fe_{0.6}Sn_{0.4}O₃ Thermistor Ceramics. International Journal of Applied Ceramic Technology, 2015, 12, E235.	2.1	5
89	Unique high temperature polarization stability state in Bi0.5Na0.5TiO3-BaTiO3system at the morphotropic phase boundary. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 1785-1788.	1.8	0
90	Effects of LiF on microwave dielectric properties of 0.25Ca0.8Sr0.2TiO3â€"0.75Li0.5Nd0.5TiO3 ceramics. Bulletin of Materials Science, 2015, 38, 1223-1229.	1.7	2

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91	Synthesis and resistive switching behaviour of ZnMnO3 thin films with an Ag/ZnMnO3/ITO unsymmetrical structure. Bulletin of Materials Science, 2015, 38, 105-109.	1.7	1
92	Microstructures and Microwave Dielectric Properties of Low-Temperature Fired Ca0.8Sr0.2TiO3-Li0.5Sm0.5TiO3 Ceramics with Bi2O3-2B2O3 Addition. Journal of Electronic Materials, 2015, 44, 263-270.	2.2	7
93	Sintering temperature dependence of varistor properties and impedance spectroscopy behavior in ZnO based varistor ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 2389-2396.	2.2	28
94	Microstructures and energy storage properties of Mn-doped 0.97Bi0.47Na0.47Ba0.06TiO3â€"0.03K0.5Na0.5NbO3 lead-free antiferroelectric ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 8793-8797.	2.2	15
95	Effects of structural characteristics on microwave dielectric properties of (Sr0.2Ca0.488Nd0.208)Ti1â^'xGa4x/3O3 ceramics. Materials Research Bulletin, 2015, 70, 678-683.	5.2	14
96	Effects of Bi3+ substitution for Nd3+ on microwave dielectric properties of Ca0.61(Nd1â^'Bi)0.26TiO3 ceramics. Materials Letters, 2015, 159, 436-438.	2.6	19
97	A new BiVO4/Li0.5Sm0.5WO4 ultra-low firing high-k microwave dielectric ceramic. Journal of Materials Science, 2015, 50, 1295-1299.	3.7	11
98	Microstructures and microwave dielectric properties of (1Ââ^'Âx)Sr0.2Na0.4Sm0.4TiO3â€"xLnAlO3 (LnÂ=ÂNd,) Tj ETQq0 0 0 rgBT /Over	2.2	6
99	Microstructures and microwave dielectric properties of (1â^'x)(Sr0.4Na0.3La0.3)TiO3â€"xLnAlO3 (Ln=Sm,) Tj ETQq1 1 0.784314 rgBT /	5.7	30
100	Temperature stability of sodium-doped BiFeO3â€"BaTiO3 piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 9336-9341.	2.2	15
101	Microstructures and energy-storage properties of (1Ââ^'Âx)(Na0.5Bi0.5)TiO3â€"xBaTiO3 with BaOâ€"B2O3â€"SiO2 additions. Journal of Materials Science: Materials in Electronics, 2015, 26, 5113-5119.	2.2	10
102	Effect of Excess Li⁺ on Microwave Dielectric Properties of Ca_{0.16}Sr_{0.04}Li_{0.4}Nd_{0.4}TiO₃ Ceramics. International Journal of Applied Ceramic Technology, 2015, 12, E55.	2.1	4
103	Microstructures and dielectric properties of (1â^'x)SrTiO3â€"xCa0.61Nd0.26TiO3 ceramic system at microwave frequencies. Journal of Materials Science: Materials in Electronics, 2015, 26, 128-133.	2.2	13
104	Low temperature sintering and microwave dielectric properties of 0.2Ca0.8Sr0.2TiO3â€"0.8Li0.5Sm0.5TiO3 ceramics with BaCu (B2O5) additive and TiO2 dopant. Materials Research Bulletin, 2015, 61, 245-251.	5.2	22
105	Origin of high piezoelectric activity in perovskite ferroelectric ceramics. Applied Physics Letters, 2014, 104, .	3.3	27
106	The nonlinear electrical behavior of ZnO-based varistor ceramics with CaSiO3 addition. Journal of Materials Science, 2014, 49, 758-765.	3.7	10
107	Microstructures and electrical properties of Sr0.6Bi0.4Fe0.6Sn0.4O3â€"BaCoII 0.02CoIII 0.04Bi0.94O3 thick-film thermistors with low room-temperature resistivity. Journal of Materials Science: Materials in Electronics, 2014, 25, 3967-3976.	2.2	1
108	Crystal structure and dielectric properties of (1â^' x)SrTiO 3 - x Ca 0.4 Sm 0.4 TiO 3 ceramic system at microwave frequencies. Materials Chemistry and Physics, 2014, 148, 1083-1088.	4.0	16

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109	Microstructure and Electrical Properties of K0.5Na0.5NbO3-LiSbO3-BiFeO3-xÂ%molZnO Lead-Free Piezoelectric Ceramics. Journal of Electronic Materials, 2014, 43, 506-511.	2.2	6
110	Electrical properties of Ba0â‹…7Bi0â‹…3Fe0â‹…9Sn0â‹…1O3â€“BaCo 0 â‹… 02 II $^{mathrm{II}}_{0cdot 02}$ Co 0 â‹… 04 III $^{mathrm{III}}_{0cdot 04}$ Bi0â‹…94O3 thick film thermistors with wide-range adjustable parameters. Bulletin of Materials Science, 2014, 37, 263-271.	1.7	0
111	Silver Coâ€Firable Li₂ZnTi₃O₈ Microwave Dielectric Ceramics with <scp>LZB</scp> Glass Additive and TiO₂ Dopant. International Journal of Applied Ceramic Technology, 2013, 10, 492-501.	2.1	40
112	Effect of sintering temperature on microstructure and piezoelectric properties of Pb-free BiFeO3â€“BaTiO3 ceramics in the composition range of large BiFeO3 concentrations. Journal of Electroceramics, 2013, 31, 15-20.	2.0	9
113	Structural, ferroelectric and piezoelectric properties of Mn-modified BiFeO3â€“BaTiO3 high-temperature ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 3952-3957.	2.2	32
114	Effect of Sm2O3 dopant on microstructure and electrical properties of ZnO-based varistor ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 3675-3679.	2.2	9
115	Effects of CuO doping on the structure and properties lead-free KNN-LS piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 2469-2472.	2.2	16
116	Effects of Co doping on microstructure and properties of (K0.5Na0.5)NbO3â€“LiSbO3â€“BiFe(1â^'x)Co x O3 lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 1480-1484.	2.2	8
117	Effects of sintering temperature on dielectric and piezoelectric properties of KNN-LS-BF-0.4mol%CuO lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 1519-1522.	2.2	2
118	Effects of Bi doping on dielectric and ferroelectric properties of PLBZT ferroelectric thin films synthesized by solâ€“gel processing. Bulletin of Materials Science, 2013, 36, 389-393.	1.7	7
119	Temperature Stability of V2O5-Doped KNN-LS-BF Lead-Free Piezoelectric Ceramics. Journal of Electronic Materials, 2013, 42, 2556-2559.	2.2	5
120	Effects of Sintering Temperature on Structure and Properties of 0.997(KNN-LS-BF)-0.003V2O5 Lead-Free Piezoelectric Ceramics. Journal of Electronic Materials, 2013, 42, 458-462.	2.2	3
121	Lead-free (Li, Na, K)(Nb, Sb)O3 piezoelectric ceramics: effect of Bi(Ni0.5Ti0.5)O3 modification and sintering temperature on microstructure and electrical properties. Journal of Materials Science, 2013, 48, 2997-3002.	3.7	7
122	Preparation and dielectric properties of BaTiO3-based X8R ceramics co-doped with BIT and CBS glass. Journal of Materials Science: Materials in Electronics, 2013, 24, 196-202.	2.2	12
123	Lead-free (Ba0.85Ca0.15)(Ti0.9Zr0.1)O3-Y2O3 ceramics with large piezoelectric coefficient obtained by low-temperature sintering. Journal of Materials Science: Materials in Electronics, 2013, 24, 654-657.	2.2	37
124	Effects of V2O5 doping on the structure and properties lead-free KNNâ€“LSâ€“BF piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 687-691.	2.2	8
125	Structure and microwave dielectric characteristics of lithium-excess Ca0.6Nd0.8/3TiO3/(Li0.5Nd0.5)TiO3 ceramics. Materials Research Bulletin, 2013, 48, 4924-4929.	5.2	18
126	Low-temperature firing and microwave dielectric properties of LBS glass-added Li2ZnTi3O8 ceramics with TiO2. Journal of Materials Science: Materials in Electronics, 2012, 23, 1722-1727.	2.2	27

#	ARTICLE	IF	CITATIONS
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