Wei Cai

List of Publications by Year
in descending order

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158 papers	2,927 citations	172457 29 h-index	206112 48 g-index
158 all docs	158 docs citations	158 times ranked	1875 citing authors

#	Article	IF	Citations
1	Effect of holding time on microstructure, ferroelectric and energy-storage properties of Pb0.925La0.05Zr0.95Ti0.05O3@SiO2 ceramics. Journal of Alloys and Compounds, 2022, 896, 162932.	5.5	21
2	Enhanced Electric Field-Induced Strain Properties in Lead-Free BF-BT-Based Piezoceramics by Local Structure Inhomogeneity. ACS Sustainable Chemistry and Engineering, 2022, 10, 1277-1286.	6.7	17
3	Pluronic <scp>F127</scp>â€modified <scp>BaTiO₃</scp> for ceramic/polymer nanocomposite dielectric capacitor with enhanced energy storage performance. Polymer Engineering and Science, 2022, 62, 1811-1822.	3.1	6
4	Effects of Hf4+ substitute on the enhanced electrostrain properties of 0.7BiFeO3-0.3BaTiO3-based lead-free piezoelectric ceramics. Ceramics International, 2022, 48, 10539-10546.	4.8	10
5	Effect of sintering temperatures on the magnetoelectric properties of Bi0.78La0.08Sm0.14Fe0.85Ti0.15O3 ceramics. Processing and Application of Ceramics, 2022, 16, 89-96.	0.8	0
6	Dielectric, ferroelectric and piezoelectric behaviors of thulium-doped KNN ceramics fabricated by microwave sintering. Journal of Materials Science: Materials in Electronics, 2022, 33, 17258-17271.	2.2	0
7	Enhanced energy storage performance of BNT-ST based ceramics under low electric field via domain engineering. Ceramics International, 2022, 48, 31381-31388.	4.8	9
8	Cooling rate-dependent microstructure and electrical properties of BCZT ceramics. Materials Science in Semiconductor Processing, 2022, 150, 106950.	4.0	5
9	Enhancement in hybrid improper ferroelectricity of Ca3Ti2O7 ceramics by a two-stage sintering. Materials Chemistry and Physics, 2021, 258, 124001.	4.0	9
10	Optimization of sintering process and enhanced hybrid improper ferroelectricity of Ca3Ti2O7 ceramics fabricated by an acetic acid solâ€“gel method. Journal of Materials Science: Materials in Electronics, 2021, 32, 24328-24341.	2.2	3
11	Effect of solution concentration on magnetoelectric properties of barium ferrite ceramics. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	1
12	Dielectric, ferroelectric, magnetic and multiferroic properties of xNi0.15Cu0.25Zn0.6Fe2O4-(1-x)Ba0.85Ca0.15Zr0.1Ti0.9O3 composite ceramics. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	2
13	Influence of IrO2 addition on magnetoelectric properties of Ni0.5Zn0.5Fe2O4/Ba0.8Sr0.2TiO3 composite ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 2436-2445.	2.2	1
14	Dielectric, ferroelectric and magnetoelectric properties of in-situ synthesized CoFe2O4/BaTiO3 composite ceramics. Ceramics International, 2020, 46, 9154-9160.	4.8	22
15	Effects of Sintering Method and BiAlO₃ Dopant on Dielectric Relaxation and Energy Storage Properties of BaTiO₃â€“BiYbO₃ Ceramics. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 1900721.	1.8	8
16	Enhancement of magnetoelectric properties and coupling coefficient of Co1â^'xCuxFe2O4/Ba0.8Sr0.2TiO3 composite liquid. Journal of Materials Science: Materials in Electronics, 2020, 31, 885-895.	2.2	14
17	Effect of sintering temperature on magnetoelectric properties of PbTiO3/NiFe2O4 composite ceramics. Journal of Asian Ceramic Societies, 2020, 8, 1206-1215.	2.3	10
18	Remarkable enhancement in hybrid improper ferroelectricity of Ca3Ti2O7 ceramics by a simple sol-gel process. Materials Letters, 2020, 278, 128447.	2.6	8

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19	Effect of particle size on magnetodielectric and magnetoelectric coupling effect of CoFe2O4@BaTiO3 composite fluids. Journal of Materials Science: Materials in Electronics, 2020, 31, 9026-9036.	2.2	12
20	Effects of oxygen partial pressure on the electrical properties and phase transitions in (Ba,Ca)(Ti,Zr)O3 ceramics. Journal of Materials Science, 2020, 55, 9972-9992.	3.7	29
21	Enhanced ferroelectric and piezoelectric responses of (Ba0.85Ca0.15)(Zr0.1Ti0.9)O3 ceramics by Tm3+ amphoteric substitution. Materials Chemistry and Physics, 2020, 252, 123242.	4.0	18
22	Structure, dielectric, piezoelectric, antiferroelectric and magnetic properties of CoFe2O4â€“PbZr0.52Ti0.48O3 composite ceramics. Materials Chemistry and Physics, 2020, 249, 123144.	4.0	33
23	Study of structural, optical and enhanced multiferroic properties of Ni doped BFO thin films synthesized by sol-gel method. Journal of Alloys and Compounds, 2020, 831, 154857.	5.5	47
24	A quasiâ€linear piezoelectric strain behavior of [001] textured rhombohedral PMNâ€“24%PT ceramic. Journal of the American Ceramic Society, 2020, 103, 6226-6236.	3.8	5
25	Study on magnetoelectric properties of Ni0.5Zn0.5Fe2O4/Ba0.8Sr0.2TiO3 composite ceramics based on Bi2O3 as combustion aid. Journal of Materials Science: Materials in Electronics, 2020, 31, 4073-4082.	2.2	7
26	Effect of volume fraction on magnetoelectric coupling effect of Co0.1Cu0.9Fe2O4/Ba0.8Sr0.2TiO3 composite liquid. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	11
27	Effects of Sintering Method and BaTiO3 Dopant on the Microstructure and Electric Properties of Bi (Fe0.9Al0.05Yb0.05) O3-Based Ceramics. Journal of Electronic Materials, 2020, 49, 2608-2616.	2.2	2
28	Synergistic effect of grain size and phase boundary on energy storage performance and electric properties of BCZT ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 9167-9175.	2.2	35
29	Enhanced the dielectric relaxation characteristics of BaTiO3 ceramic doped by BiFeO3 and synthesized by the microwave sintering method. Materials Chemistry and Physics, 2020, 250, 123034.	4.0	34
30	Effect of annealing atmosphere on structural and multiferroic properties of BiFeO3 thin film prepared by RF magnetron sputtering. Journal of Materials Science: Materials in Electronics, 2019, 30, 16502-16509.	2.2	9
31	Effect of molar ratio on the microstructure, dielectric and electromagnetic properties of BaTiO3/CoFe2O4 ceramic. Materials Research Express, 2019, 6, 116317.	1.6	4
32	Electric fatigue of BCZT ceramics sintered in different atmospheres. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	26
33	Effect of Ti doping on the dielectric, ferroelectric and magnetic properties of Bi_{0.86}La_{0.08}Sm_{0.14}FeO₃ ceramics. Materials Research Express, 2019, 6, 106317.	1.6	9
34	Effects of BiAlO3 dopant and sintering method on microstructure, dielectric relaxation characteristic and ferroelectric properties of BaTiO3-based ceramics. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	13
35	Anomalous Magnetoelectric Coupling Effect of CoFe₂O₄â€“BaTiO₃ Binary Mixed Fluids. ACS Applied Electronic Materials, 2019, 1, 1120-1132.	4.3	31
36	Microstructure, dielectric and enhanced multiferroic properties of Fe3O4/PbZr0.52Ti0.48O3 composite ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 12295-12306.	2.2	1

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37	Enhanced multiferroic properties of Co0.5Ni0.5Fe2O4/Ba0.85Sr0.15TiO3 composites based on particle size effect. Journal of Materials Science: Materials in Electronics, 2019, 30, 10256-10273.	2.2	19
38	Strong magnetic properties and enhanced coupling effect by tailoring the molar ratio in BaTiO3/Co0.5Mg0.3Zn0.2Fe2O4 composite ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 11563-11575.	2.2	3
39	Effects of glass additives on microstructure, dielectric and ferroelectric properties of BaTiO3â€“BiYbO3 based ceramics. Materials Research Express, 2019, 6, 086319.	1.6	1
40	Effect of Magnetic Phase on Structural and Multiferroic Properties of Ni1â^'xZnxFe2O4/BaTiO3 Composite Ceramics. Journal of Electronic Materials, 2019, 48, 4806-4817.	2.2	42
41	A comparative study of the dielectric, ferroelectric and anomalous magnetic properties of Mn0.5Mg0.5Fe2O4/Ba0.8Sr0.2Ti0.9Zr0.1O3 composite ceramics. Materials Chemistry and Physics, 2019, 232, 428-437.	4.0	36
42	Enhanced piezoelectric response of (Ba,Ca)(Ti, Zr)O3 ceramics by super large grain size and construction of phase boundary. Journal of Alloys and Compounds, 2019, 794, 542-552.	5.5	60
43	Enhancement of magnetoelectric properties of (1-x)Mn0.5Zn0.5Fe2O4-xBa0.85Sr0.15Ti0.9Hf0.1O3 composite ceramics. Journal of Alloys and Compounds, 2019, 795, 501-512.	5.5	140
44	The electronic structure and optical properties of Ca₃(Mn1â^'xTi_x)₂O₇from first-principle calculations. Journal of Advanced Dielectrics, 2019, 09, 1950007.	2.4	6
45	Micro-Area Ferroelectric, Piezoelectric and Conductive Properties of Single BiFeO3 Nanowire by Scanning Probe Microscopy. Nanomaterials, 2019, 9, 190.	4.1	53
46	Microstructure, Enhanced Relaxor-Like Behavior and Electric Properties of (Ba0.85Ca0.15)(Zr0.1â^'xHfxTi0.9)O3 Ceramics. Journal of Electronic Materials, 2019, 48, 3239-3247.	2.2	11
47	A comparative study on the structural, dielectric, ferroelectric and magnetic properties of CoFe2O4/PbZr0.52Ti0.48O3 multiferroic composite with different molar ratios. Journal of Physics Communications, 2019, 3, 125010.	1.2	11
48	Effects of sintering time on microstructure and electric properties of Ba0.7Sr0.3TiO3 ceramics. Ferroelectrics, 2019, 551, 5-16.	0.6	0
49	Microstructure and ferroelectric properties of (Ca1â^'xSrx)3(Ti1â^'yMny)2O7 ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 2177-2185.	2.2	10
50	Magnetocapacitance and magnetoelectric coupling effect of Ni_{0.5}Cu_{0.5}Fe₂O₄/BaTiO₃ mixed multiferroic fluids. Materials Research Express, 2019, 6, 026308.	1.6	21
51	A comparative study on the structural, dielectric and multiferroic properties of Co0.6Cu0.3Zn0.1Fe2O4/Ba0.9Sr0.1Zr0.1Ti0.9O3 composite ceramics. Composites Part B: Engineering, 2019, 166, 204-212.	12.0	158
52	Dielectric and ferroelectric properties of LaFeO3 particles derived from metal organic frameworks precursor. Ceramics International, 2019, 45, 1825-1830.	4.8	15
53	The Study of Microstructure, Dielectric and Multiferroic Properties of (1â€‰â^'â€‰x) Co0.8Cu0.2Fe2O4-xBa0.6Sr0.4TiO3 Composites. Journal of Electronic Materials, 2019, 48, 386-400.	2.2	27
54	Microstructure, enhanced electric and magnetic properties of Bi0.9La0.1FeO3 ceramics prepared by microwave sintering. Journal of Alloys and Compounds, 2019, 774, 61-68.	5.5	23

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55	A comparative study on the dielectric and multiferroic properties of Co0.5Zn0.5Fe2O4/Ba0.8Sr0.2TiO3 composite ceramics. Processing and Application of Ceramics, 2019, 13, 349-359.	0.8	6
56	Influence of molar ratio on dielectric, ferroelectric and magnetic properties of Co0.5Mg0.5Fe2O4/Ba0.85Sr0.15TiO3 composite ceramics. Processing and Application of Ceramics, 2019, 13, 257-268.	0.8	2
57	Microstructure and Electric Properties of (Sr1â^'xCax)3Sn2O7 Ceramics with Ruddlesden-Popper Structure. , 2018, , 189-197.		1
58	Influences of La on Optical and Electric Properties of BiFeO3 Thin Films. , 2018, , 171-180.		0
59	Effects of Sintering Temperature on Microstructure, Electric Properties of Ba0.7Sr0.3TiO3 Ceramics. , 2018, , 587-598.		1
60	Microstructure, enhanced piezoelectric, optical and magnetic properties of Mn substituted BiFeO3 film synthesized by chemical method. Journal of Materials Science: Materials in Electronics, 2018, 29, 6870-6878.	2.2	11
61	Electric Fieldâ€"Induced Magnetization Rotation in Magnetoelectric Multiferroic Fluids. Advanced Electronic Materials, 2018, 4, 1800030.	5.1	69
62	Photovoltaic effect in rhombohedral and tetragonal phase BiFeO3 ferroelectric thin films. Integrated Ferroelectrics, 2018, 192, 146-153.	0.7	1
63	Effect of annealing temperature on crystalline structure and domains configuration of BiFeO3films. Ferroelectrics, 2018, 536, 122-131.	0.6	2
64	Microstructure, dielectric and ferroelectric properties of (1â^'x) BaTiO3â€"xBiYbO3 ceramics fabricated by conventional and microwave sintering methods. Journal of Materials Science: Materials in Electronics, 2018, 29, 20017-20032.	2.2	14
65	Regulation of the microstructural and optical properties of bismuth ferrite nanowires by mineralizer concentration. International Journal of Materials Research, 2018, 109, 573-576.	0.3	0
66	Effects of sintering method and BiFeO3 dopant on the dielectric and ferroelectric properties of BaTiO3â€"BiYbO3 based solid solution ceramics. Ceramics International, 2018, 44, 16880-16889.	4.8	28
67	Effect of molar ratio on the microstructure, dielectric and multiferroic properties of Ni0.5Zn0.5Fe2O4-Pb0.8Zr0.2TiO3 nanocomposite. Journal of Materials Science: Materials in Electronics, 2018, 29, 16226-16237.	2.2	45
68	Influence of core size on the multiferroic properties of CoFe2O4@BaTiO3 core shell structured composites. Ceramics International, 2018, 44, S84-S87.	4.8	109
69	Strong magnetoelectric coupling effect in BaTiO₃@CoFe₂O₄ magnetoelectric multiferroic fluids. Nanoscale, 2018, 10, 11750-11759.	5.6	97
70	Effects of sintering temperature and holding time on the microstructure and electric properties of Ba(Zr0.3Ti0.7)O3 ceramics. Processing and Application of Ceramics, 2018, 12, 45-55.	0.8	11
71	Influence of Co ion doping on the microstructure, magnetic and dielectric properties of Ni1-xCoxFe2O4 ceramics. Processing and Application of Ceramics, 2018, 12, 335-341.	0.8	5
72	Dielectric, ferroelectric and magnetic properties of Bi0.78La0.08Sm0.14Fe0.85Ti0.15O3 ceramics prepared at different sintering conditions. Processing and Application of Ceramics, 2018, 12, 394-402.	0.8	7

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73	Microstructural Regulation and Optical Performance of Bismuth Ferrite Nanowires by Precipitant. , 2018, , 199-205.		0
74	Effects of Sn doping on the microstructure and dielectric and ferroelectric properties of Ba(Zr0.2Ti0.8)O3 ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 8177-8185.	2.2	11
75	Thickness Dependence of Photovoltaic Effect in BiFeO3 Thin Films Based on Asymmetric Structures. Journal of Electronic Materials, 2017, 46, 2373-2378.	2.2	26
76	Study on the structure and properties of (1-x) BiYbO3-xBaTiO3 ceramics synthesized by solâ€“gel method. Ferroelectrics, 2017, 507, 127-138.	0.6	1
77	Effects of annealing atmosphere on microstructure, electrical properties and domain structure of BiFeO3 thin films. Journal of Materials Science: Materials in Electronics, 2017, 28, 12039-12047.	2.2	7
78	Electric Control of the Hall effect in Pt/Bi0.9La0.1FeO3 bilayers. Scientific Reports, 2016, 6, 20330.	3.3	34
79	Sol-Gel Synthesis and Characterization of (1â€“xâ€“y)BiYbO₃-xLiNbO₃-yBaTiO₃ Ceramics. Transactions of the Indian Ceramic Society, 2016, 75, 220-224.	1.0	1
80	The growth, enhanced optical and magnetic response of BiFeO3 nanorods synthesized by hydrothermal method. Journal of Materials Science: Materials in Electronics, 2016, 27, 8242-8246.	2.2	6
81	Anomalous Hall effect based on Pt/Bi0.9La0.1FeO3bilayers. Japanese Journal of Applied Physics, 2016, 55, 045801.	1.5	0
82	Enhanced ferroelectric photovoltaic effect based on converging depolarization field. Materials Research Bulletin, 2016, 84, 93-98.	5.2	11
83	Effect of processing parameters on the structural, electrical and magnetic properties of BFO thin film synthesized via RF magnetron sputtering. Journal of Alloys and Compounds, 2016, 684, 510-515.	5.5	24
84	Switchable photovoltaic effect in Au/Bi0.9La0.1FeO3/La0.7Sr0.3MnO3 heterostructures. Materials Chemistry and Physics, 2016, 181, 277-283.	4.0	10
85	Enhanced photovoltaic effect of La0.8Sr0.2MnO3â^Î´ thin films based on electric field training. Materials Letters, 2016, 166, 5-8.	2.6	1
86	Resistance switching mechanism of La0.8Sr0.2MnO3â^Î´ thin films. Physica B: Condensed Matter, 2016, 483, 99-102.	2.7	5
87	Dielectric and ferroelectric properties of xBaZr0.52Ti0.48O3â€“(1â^'x)BiFeO3 solid solution ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 322-330.	2.2	9
88	Effect of Ba Substitution on Microstructure, Dielectric and Ferroelectric Properties of BiFeO₃Ceramics. Ferroelectrics, 2015, 478, 11-17.	0.6	15
89	Mechanism of ferroelectric resistive switching in Bi0.9La0.1FeO3 thin films. Thin Solid Films, 2015, 583, 13-18.	1.8	6
90	The effects of grain size on electrical properties and domain structure of BiFeO3 thin films by solâ€“gel method. Journal of Materials Science: Materials in Electronics, 2015, 26, 9495-9506.	2.2	30

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91	Tunable photovoltaic effects induced by different cooling oxygen pressure in Bi0.9La0.1FeO3 thin films. Journal of Alloys and Compounds, 2015, 624, 1-8.	5.5	35
92	Transport properties and anomalous fatigue effect of Ag/Bi 0.9 La 0.1 FeO 3 /La 0.7 Sr 0.3 MnO 3 heterostructures. Chinese Physics B, 2014, 23, 097702.	1.4	3
93	Effects of Microwave Sintering Time on Microstructure, Dielectric, Ferroelectric Properties of Barium Zirconate Titanate Ceramics. Key Engineering Materials, 2014, 602-603, 786-790.	0.4	0
94	Dielectric Properties and Structures of Zn-doped Barium Zirconate Titanate Films. Integrated Ferroelectrics, 2014, 150, 66-74.	0.7	5
95	The Influence of Sintering Temperature on the Microstructure and Electrical Properties of BiFeO₃ Ceramics. Key Engineering Materials, 2014, 602-603, 942-946.	0.4	1
96	Effect of Ta Doping on the Microstructure, Dielectric and Ferroelectric Properties of Sr2Nb2O7Ceramics. Ferroelectrics, 2014, 467, 165-172.	0.6	4
97	Microstructures and Dielectric Properties of BaHf_{0.1}Ti_{0.9}O₃Ceramics Prepared Using Conventional and Microwave Sintering Methods. Ferroelectrics, 2014, 467, 78-84.	0.6	1
98	Effect of Strontium Doping on the Microstructures and Dielectric Properties of Lanthanum Titanate Ceramics. Transactions of the Indian Ceramic Society, 2014, 73, 307-311.	1.0	12
99	Structural and Magnetic Properties of Bismuth Ferrite Nanopowders Prepared via Sol-Gel Method. Ferroelectrics, 2014, 460, 157-161.	0.6	11
100	Preparation and electric properties of BiFeO3 film by electrophoretic deposition. Journal of Alloys and Compounds, 2014, 605, 21-28.	5.5	9
101	Microstructure, dielectric and ferroelectric properties of barium zirconate titanate ceramics prepared by microwave sintering. Journal of Materials Science: Materials in Electronics, 2014, 25, 4841-4850.	2.2	7
102	Photovoltaic enhancement based on improvement of ferroelectric property and band gap in Ti-doped bismuth ferrite thin films. Journal of Alloys and Compounds, 2014, 617, 240-246.	5.5	80
103	Microstructure, dielectric and ferroelectric properties of xBaZr0.2Ti0.8O3-(1â^'x)BiFeO3 solid solution ceramics. Materials Research Bulletin, 2014, 50, 259-267.	5.2	30
104	Effect of vanadium doping on the electric properties of barium titanate hafnate ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 2438-2444.	2.2	4
105	Effect of Zr doping on the microstructure and electric properties of BaHf0.1Ti0.9O3 ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 1303-1307.	2.2	1
106	Effects of microwave sintering power on microstructure, dielectric, ferroelectric and magnetic properties of bismuth ferrite ceramics. Journal of Alloys and Compounds, 2013, 554, 64-71.	5.5	60
107	Effects of annealing temperature on the microstructure, optical, ferroelectric and photovoltaic properties of BiFeO3 thin films prepared by solâ€“gel method. Ceramics International, 2013, 39, 8729-8736.	4.8	70
108	Effects of Nd-doping on optical and photovoltaic properties of barium titanate thin films prepared by solâ€“gel method. Materials Research Bulletin, 2013, 48, 3092-3097.	5.2	53

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109	Microstructure and Dielectric Properties of Ta-doped La₂Ti₂O₇ Ceramics. Integrated Ferroelectrics, 2013, 141, 45-49.	0.7	3
110	Effect of Mn doping on the microstructure and dielectric properties of BaHf_{0.1}Ti_{0.9}O₃ ceramics. International Journal of Materials Research, 2013, 104, 1247-1253.	0.3	0
111	Effect of Sintering Temperature on the Microstructures and Ferroelectric Properties of Bismuth Ferrite Ceramics. Ferroelectrics, 2013, 445, 114-120.	0.6	4
112	Effect of Calcination Temperature on the Microstructures of Barium Titanate Hafnate Nanopowders Prepared by the Sol-gel Process. Integrated Ferroelectrics, 2012, 139, 20-25.	0.7	2
113	Microstructure and Dielectric Properties of La-doped Barium Titanate Hafnate Ceramics. Integrated Ferroelectrics, 2012, 139, 7-13.	0.7	5
114	Effect of sol concentration on the microstructures of barium hafnate titanate nanopowders. International Journal of Materials Research, 2012, 103, 1400-1403.	0.3	0
115	Development Practice of LCR Automatic Test System Based on Agilent E4980A. Applied Mechanics and Materials, 2012, 190-191, 78-82.	0.2	0
116	The Electronic Structure of Hf-Doped Barium Titanate. Ferroelectrics, 2012, 432, 1-7.	0.6	1
117	Microstructure and Electric Properties of Strontium Lanthanum Niobate Ceramics. Ferroelectrics, 2012, 432, 8-13.	0.6	1
118	Microstructures, dielectric and ferroelectric properties of BaHfxTi1â^'xO3 ceramics. Journal of Alloys and Compounds, 2012, 544, 82-86.	5.5	20
119	Effect of Annealing Temperature on Properties of Barium Zirconium Titanate Thin Films Deposited by Sol-Gel Method. Integrated Ferroelectrics, 2012, 140, 42-48.	0.7	2
120	Microstructure and Ferroelectric Properties of Ta-Doped Barium Titanate Hafnate Ceramics. Ferroelectrics, 2012, 432, 49-54.	0.6	1
121	Effect of Samarium on the Microstructure, Dielectric and Ferroelectric Properties of Barium Titanate Ceramics. Integrated Ferroelectrics, 2012, 140, 92-103.	0.7	25
122	Microstructure and electric properties of strontium niobate ceramics. Ceramics International, 2012, 38, 2601-2603.	4.8	8
123	Effect of hafnium on the microstructure, dielectric and ferroelectric properties of Ba[Zr0.2Ti0.8]O3 ceramics. Ceramics International, 2012, 38, 3367-3375.	4.8	71
124	Barium Zirconium Titanate Powders Prepared by Solâ€“Gel Method. Advanced Materials Research, 2011, 412, 86-89.	0.3	2
125	Dielectric properties and microstructure of Mg doped barium titanate ceramics. Advances in Applied Ceramics, 2011, 110, 181-185.	1.1	60
126	Effect of Zn Doping on the Microstructures and Dielectric Properties of BaTi_{0.9}Sn_{0.1}O₃Ceramics. Ferroelectrics, 2011, 413, 231-237.	0.6	1

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127	Vanadium doping effects on microstructure and dielectric properties of barium titanate ceramics. Ceramics International, 2011, 37, 3643-3650.	4.8	80
128	Effect of Mn doping on the dielectric properties of BaTi0.9Sn0.1O3 ceramics. Journal of Materials Science: Materials in Electronics, 2011, 22, 47-51.	2.2	6
129	Microstructure, dielectric properties and diffuse phase transition of barium stannate titanate ceramics. Journal of Materials Science: Materials in Electronics, 2011, 22, 265-272.	2.2	43
130	Synthesis and morphology of Ba(Zr0.20Ti0.80)O3 powders obtained by solâ€“gel method. Journal of Sol-Gel Science and Technology, 2011, 57, 149-156.	2.4	18
131	Preparation and optical properties of barium titanate thin films. Physica B: Condensed Matter, 2011, 406, 3583-3587.	2.7	52
132	Bismuth Ferrite Nanopowders Prepared by Sol-Gel. Advanced Materials Research, 2011, 412, 142-145.	0.3	2
133	Microstructure and Dielectric Properties of BaTiO₃-Based Ferroelectric Materials. Materials Science Forum, 2011, 687, 133-137.	0.3	1
134	Influence of Lanthanum on Microstructure and Dielectric Properties of Barium Titanate Ceramics by Solid State Reaction. Advanced Materials Research, 2011, 412, 275-279.	0.3	11
135	Effect of Mn doping on the dielectric properties of BaZr0.2Ti0.8O3 ceramics. Journal of Materials Science: Materials in Electronics, 2010, 21, 317-325.	2.2	63
136	Dielectric properties, microstructure and diffuse transition of Al-doped Ba(Zr0.2Ti0.8)O3 ceramics. Journal of Materials Science: Materials in Electronics, 2010, 21, 796-803.	2.2	20
137	MICROSTRUCTURE AND DIELECTRIC PROPERTIES OF BARIUM ZIRCONATE TITANATE CERAMICS BY TWO METHODS. Integrated Ferroelectrics, 2010, 113, 83-94.	0.7	10
138	Synthesis of self-assembly BaTiO3 nanowire by solâ€“gel and microwave method. Applied Surface Science, 2009, 255, 9444-9446.	6.1	13
139	Microstructures and dielectric properties of BaZr0.2Ti0.8O3ceramics. Journal of Physics: Conference Series, 2009, 152, 012075.	0.4	8
140	EFFECT OF SINTERING TEMPERATURE ON DIFFUSE PHASE TRANSITION OF BARIUM ZIRCONATE TITANATE CERAMICS. Integrated Ferroelectrics, 2009, 105, 1-10.	0.7	6
141	Effects of grain size on domain structure and ferroelectric properties of barium zirconate titanate ceramics. Journal of Alloys and Compounds, 2009, 480, 870-873.	5.5	148
142	Dielectric properties, microstructure and diffuse transition of Ni-doped Ba(Zr0.2Ti0.8)O3 ceramics. Journal of Alloys and Compounds, 2009, 487, 668-674.	5.5	66
143	MICROSTRUCTURE AND FERROELECTRIC PROPERTIES OF BaZr0.2Ti0.8O3 FILMS PREPARED BY SOL-GEL. Integrated Ferroelectrics, 2009, 107, 24-30.	0.7	9
144	Voltage tunable Ba0.6Sr0.4TiO3 thin films and coplanar phase shifters. Thin Solid Films, 2008, 516, 5258-5261.	1.8	21

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146	MODEL FOR GRAIN SIZE EFFECT ON DIELECTRIC NONLINEARITY OF FERROELECTRICS. Integrated Ferroelectrics, 2007, 92, 114-122.	0.7	4
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