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List of Publications by Year in descending order

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104

papers

983

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567281

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citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation between grain size and electrical properties of high-temperature lead-free 0.70BiFeO ₃ –0.30BaTiO ₃ ceramics. <i>Journal of the American Ceramic Society</i> , 2022, 105, 862-872.	3.8	15
2	Thickness-dependent dielectric and electrocaloric properties of Pb0.85La0.1(Zr0.85Ti0.15)O3 antiferroelectric thin films on stainless steel substrates. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 399-405.	2.2	2
3	Thickness-dependent dielectric and ferroelectric properties of 0.7Bi(Fe0.98Mn0.02)O3-0.3PbTiO3 thin films on stainless steel substrates. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 13939-13946.	2.2	1
4	Enhanced insulation and piezoelectric properties of 0.57(Bi _{0.8} La _{0.2})FeO ₃ –0.43PbTiO ₃ solid solutions with Fe addition. <i>Journal of the American Ceramic Society</i> , 2022, 105, 6302-6310.	3.8	1
5	Ferroelectric and dielectric properties of BF-PT/LNO thin films on different substrates. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 3334-3340.	2.2	1
6	Enhanced piezoelectric properties and electric thermal stability of high temperature BiFeO ₃ -PbTiO ₃ -BaTiO ₃ piezoelectric ceramics with Bi ₂ O ₃ excess. , 2021, , .		0
7	High-temperature BiFeO ₃ –PbTiO ₃ –Ba(Zr,Ti)O ₃ ternary ceramics with excellent piezoelectricity. <i>Journal of the American Ceramic Society</i> , 2021, 104, 4687-4694.	3.8	7
8	Effect of sintering temperature on 0.75BiFeO ₃ -0.25BaTiO ₃ of lead free high temperature piezoelectric ceramics. , 2021, , .		0
9	Enhanced aging behaviors and electric thermal stabilities in 0.75BiFeO ₃ –0.25BaTiO ₃ piezoceramics by Mn modifications. <i>Journal of the American Ceramic Society</i> , 2021, 104, 5547-5556.	3.8	14
10	Predicting the structural, electronic and magnetic properties of few atomic-layer polar perovskite. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 5578-5582.	2.8	8
11	Enhanced piezoelectric strain of BiFeO ₃ –Ba(Zr _{0.02} Ti _{0.98})O ₃ lead-free ceramics near the phase boundary. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 1348-1353.	2.1	4
12	Excellent thermal stability and aging behaviors in BiFeO ₃ –BaTiO ₃ piezoelectric ceramics with rhombohedral phase. <i>Journal of the American Ceramic Society</i> , 2020, 103, 374-381.	3.8	83
13	Effect of SnO ₂ doping on electric field-induced antiferroelectric-to-ferroelectric phase transition of Pb(Yb _{1/2} Nb _{1/2}) _{0.98} Sn _{0.02} O ₃ ceramics. <i>Journal of Alloys and Compounds</i> , 2020, 821, 153468.	5.5	5
14	Enhanced ferroelectric and ferromagnetic properties of BiFeO ₃ –PbTiO ₃ multiferroic solid solutions with Ba substitutions. <i>Journal of the American Ceramic Society</i> , 2020, 103, 6265-6271.	3.8	6
15	Detection of Multiple Samples Based on AlGaN/GaN High Electron Mobility Transistors and Magnetic Microbeads. <i>Electroanalysis</i> , 2019, 31, 2404-2409.	2.9	2
16	Low-temperature sintering of BF-PT-BZ ternary solid solutions with enhanced piezoelectric properties. <i>Journal of the American Ceramic Society</i> , 2019, 102, 5958-5965.	3.8	8
17	Effects of LNO buffer layers on electrical properties of BFO-PT thin films on stainless steel substrates. <i>Journal of Alloys and Compounds</i> , 2019, 784, 231-236.	5.5	8
18	Large and temperature-insensitive piezoelectric strain in xBiFeO ₃ –(1-x)Ba(Zr0.05Ti0.95)O ₃ lead-free piezoelectric ceramics. <i>Journal of Materials Science</i> , 2019, 54, 1153-1161.	3.7	19

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19	High Weight-Specific Power Density of Thin-Film Amorphous Silicon Solar Cells on Graphene Papers. <i>Nanoscale Research Letters</i> , 2019, 14, 324.	5.7	5
20	Enhanced Photocatalytic Activity in Bi _{1-x} Ba _x FeO ₃ Prepared by a PEG400 Assisted Sol-gel Method. <i>Journal of Electronic Materials</i> , 2018, 47, 3622-3627.	2.2	1
21	Ferroelectric behavior of La and Mn co-doped BiFeO ₃ -PbTiO ₃ thin films prepared by sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 85, 431-435.	2.4	5
22	Structural and multiferroic characterization of BiFeO ₃ -PbTiO ₃ -based solid solution with an extra phase. <i>Ceramics International</i> , 2018, 44, 23315-23319.	4.8	9
23	The effect of cooling rate on structural and electrical properties of multiferroic BLF-PZT ceramics. <i>Journal of the American Ceramic Society</i> , 2018, 101, 5497-5502.	3.8	5
24	Improved ferroelectric properties of (100)-oriented PZT thin films deposited on stainless steel substrates with La _{0.5} Sr _{0.5} CoO ₃ buffer layers. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14651-14656.	2.2	11
25	Reduced dielectric loss and enhanced piezoelectric properties of Mn modified 0.71BiFeO ₃ -0.29BaTiO ₃ ceramics sintered under oxygen atmosphere. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 1370-1377.	2.2	23
26	Enhanced dielectric and ferroelectric properties of PZT thin films derived by an ethylene glycol modified sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 82, 530-535.	2.4	15
27	Temperature dependence of the dielectric and piezoelectric properties of xBiFeO ₃ -(1-x)BaTiO ₃ ceramics near the morphotropic phase boundary. <i>Journal of Materials Science</i> , 2017, 52, 10726-10737.	3.7	42
28	Remarkable piezoelectricity and stable high-temperature dielectric properties of quenched BiFeO ₃ -BaTiO ₃ ceramics. <i>Journal of the American Ceramic Society</i> , 2017, 100, 5573-5583.	3.8	49
29	Improved dielectric tunability of PZT/BST multilayer thin films on Ti substrates. <i>Journal of Alloys and Compounds</i> , 2017, 725, 54-59.	5.5	28
30	High temperature dielectric, ferroelectric and piezoelectric properties of Mn-modified BiFeO ₃ -BaTiO ₃ lead-free ceramics. <i>Journal of Materials Science</i> , 2017, 52, 229-237.	3.7	96
31	Enhanced tunability of sandwich-like structural barium strontium titanate thin films on stainless steel substrates. <i>Journal of Materials Science</i> , 2016, 51, 8414-8421.	3.7	14
32	High Electric-Induced Strain and Temperature-Dependent Piezoelectric Properties of 0.75BF-0.25BZT Lead-Free Ceramics. <i>Journal of the American Ceramic Society</i> , 2016, 99, 536-542.	3.8	38
33	Effects of LaNiO ₃ buffer layer on improving the dielectric properties of barium strontium titanate thin films on stainless steel substrates. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 80, 848-852.	2.4	9
34	Enhanced dielectric and piezoelectric properties of Mn modified 0.65(Bi _{0.95} La _{0.05})FeO ₃ -0.35Pb(Ti _{1-x} Mn _x)O ₃ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 6823-6828.	2.2	7
35	Enhanced dielectric and piezoelectric properties in BaZrO ₃ modified BiFeO ₃ -PbTiO ₃ high temperature ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 7100-7104.	2.2	10
36	Synthesis and visible light photocatalytic properties of Bi ₂ Fe ₄ O ₉ particles via EDTA-assisted sol-gel route. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 78, 135-143.	2.4	17

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37	Investigation of the $(1-x)(Bi_{0.85}La_{0.15})FeO_3$ - $PbTiO_3$ multilayered ceramics by tape casting. Ceramics International, 2015, 41, S314-S318.	4.8	5
38	Effect of HTAC on preparation of supercapacitors based on nanocomposites of MnO : HTAC by direct electrodeposition. , 2015, , .	0	
39	Investigation of electrical properties in La-doped $BiFeO_3$ - $PbTiO_3$ thin films prepared by sol-gel method. Journal of Sol-Gel Science and Technology, 2015, 76, 220-226.	2.4	5
40	Controllable phase evolution of bismuth ferrite oxides by an organic additive modified hydrothermal method. Ceramics International, 2015, 41, S106-S110.	4.8	14
41	Fabrication and characterization of compositionally graded $PbxSr_{1-x}TiO_3$ thin films by the Sol-gel method. Journal of Sol-Gel Science and Technology, 2015, 73, 278-282.	2.4	11
42	High temperature & Hard; piezoelectric ceramics of $BiScO$ - $PbTiO$ - $Pb(Nb, Mn)O$ with addition. , 2015, , .	0	
43	Enhanced high-field strain and reduced high-temperature dielectric loss in $0.6(Bi_{0.9}La_{0.1})(Fe_{1-x}Ti_x)O_3$ - $0.4PbTiO_3$ piezoelectric ceramics. Ceramics International, 2015, 41, 1617-1621.	4.8	7
44	Dielectric properties of Barium Strontium Calcium Titanate ceramics with compositional inhomogeneity. , 2014, , .	0	
45	Reduced Dielectric Loss and Strain Hysteresis in Fe and Mn Comodified High-Temperature $BiScO$ - $PbTiO$ - $Pb(Nb, Mn)O$ Ceramics. Journal of the American Ceramic Society, 2014, 97, 3890-3896.	3.8	48
46	Multilayer $BiFeO_3/PbTiO_3$ Multiferroic Ceramic Composites Prepared by Tape Casting. Materials Research Society Symposia Proceedings, 2014, 1675, 99-104.	0.1	0
47	Structure, dielectric, and piezoelectric properties of $(0.97-x)BiScO$ - $PbTiO$ - $0.03Pb(MnNbO)$ high temperature and high power piezoelectric ceramics. , 2014, , .	1	
48	Enhanced piezoelectric properties of 0.60 $BiFeO$ - $PbTiO$ - $Pb(ZnNbO)$ ceramics for high temperature applications. , 2014, , .	0	
49	Investigation of $(1-x)(Bi_{0.94}La_{0.06})(Ga_{0.05}Fe_{0.95})O_3$ ceramics for high temperature applications. Ceramics International, 2014, 40, 13299-13303.	4.8	12
50	Dielectric properties of Barium Strontium Calcium Titanate ceramics with compositional inhomogeneity. , 2014, , .	0	
51	Enhanced piezoelectric properties of 0.60 $BiFeO$ - $PbTiO$ - $Pb(ZnNbO)$ ceramics for high temperature applications. , 2014, , .	0	
52	Structure, dielectric, and piezoelectric properties of $(0.97-x)BiScO$ - $PbTiO$ - $Pb(MnNbO)$ high temperature and high power piezoelectric ceramics. , 2014, , .	0	
53	Synthesis and Photocatalytic Property of Preferred-oriented $Bi_2Fe_4O_9$ Crystals by Using Different Organic Additives. Ferroelectrics, 2013, 453, 93-99.	0.6	7
54	Fabrication of $0.6(Bi_{0.85}La_{0.15})FeO_3$ - $0.4PbTiO_3$ Multiferroic Ceramics by Tape Casting Method. Materials Research Society Symposia Proceedings, 2013, 1547, 61-66.	0.1	5

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55	Dielectric and Piezoelectric Properties of Gd-modified (1-x) BiFeO ₃ -xPbTiO ₃ Ceramics with a Morphotropic Phase Boundary. Materials Research Society Symposia Proceedings, 2013, 1507, 1.	0.1	1
56	Structural and Multiferroic Properties of 1-x(Bi _{0.85} La _{0.15})FeO ₃ -xPbTiO ₃ Solid Solutions. Integrated Ferroelectrics, 2013, 141, 9-17.	0.7	4
57	Controllable Synthesis of Different Bismuth Ferrites by a PVA Modified Hydrothermal Method and Photocatalytic Characterization. Materials Research Society Symposia Proceedings, 2013, 1552, 35-41.	0.1	1
58	Enhanced piezoelectric performance of (0.98-x)Bi(Sc _{3/4} Ln _{1/4})O ₃ -xPbTiO ₃ -0.02Pb(Zn _{1/3} Nb _{2/3})O ₃ ternary high temperature piezoelectric ceramics. Journal of Applied Physics, 2013, 113, .	2.5	15
59	Nonlinear Dielectric and Piezoelectric Responses in (Bi, La)FeO ₃ -Pb(Ti, Mn)O ₃ Ceramics. Materials Research Society Symposia Proceedings, 2012, 1397, 52.	0.1	0
60	Effects of La _{0.5} Sr _{0.5} CoO ₃ sol concentration on the microstructure and dielectric properties of Ba _{0.6} Sr _{0.4} TiO ₃ films prepared by sol-gel method on Ti substrate. Materials Research Society Symposia Proceedings, 2012, 1494, 253-258.	0.1	0
61	Fabrication and electrical properties of 0.7BiFeO ₃ -0.3PbTiO ₃ films on stainless steel by the sol-gel method. Materials Research Society Symposia Proceedings, 2012, 1449, 53.	0.1	3
62	Sintering and Dielectric Properties of SrTiO ₃ -based Ceramics. Materials Research Society Symposia Proceedings, 2012, 1397, 45.	0.1	0
63	Preparation and Characterization of Pb(Zr,Ti)O ₃ films prepared by a modified sol-gel route. Materials Research Society Symposia Proceedings, 2012, 1449, 41.	0.1	1
64	Piezoelectric properties of low loss and high Curie temperature (Bi, La)FeO ₃ -Pb(Ti, Mn)O ₃ ceramics with Mn doping. Rare Metals, 2012, 31, 595-598.	7.1	3
65	Structure and electrical properties of PZT/LNO/PT multilayer films on stainless steel substrates. Rare Metals, 2012, 31, 272-275.	7.1	5
66	PEG-Assisted Hydrothermal Synthesis and Photocatalytic Activity of Bi ₂ Fe ₄ O ₉ Crystallites. Materials Research Society Symposia Proceedings, 2011, 1292, 143.	0.1	3
67	Characterization of Textured PZT Thin Films Prepared by Sol-gel Method onto Stainless Steel Substrates. Materials Research Society Symposia Proceedings, 2011, 1299, 1.	0.1	1
68	Orientation controlling of Pb(Zr _{0.53} Ti _{0.47})O ₃ thin films prepared on silicon substrates with the thickness of La _{0.5} Sr _{0.5} CoO ₃ electrodes. Journal of Materials Science: Materials in Electronics, 2010, 21, 514-518.	2.2	8
69	Effects of La _{0.5} Sr _{0.5} CoO ₃ buffer layers on the structure and properties of Pb(Zr _{0.53} Ti _{0.47})O ₃ -CoFe ₂ O ₄ composite films. , 2010, .	0	
70	Fabrication and characterization of Ti modified BiFeO ₃ -PbTiO ₃ high temperature piezoelectric ceramics. , 2010, .	1	
71	Synthesis and photocatalytic property of Ba-doped BiFeO ₃ nanoparticles. , 2010, .	3	
72	The dependence of optical properties on composition in BFO-PT thin films. , 2010, .	0	

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73	Intragrain compositional gradient barium strontium titanate ceramics fabricated by a sol-assisted sintering technology., 2010, , .	0	
74	The study of BST buffered BiFeO_x-PbTiO_{3-x} thin film., 2010, , .	0	
75	Composition dependence of $x\text{BiFeO}_{3-(1-x)}\text{PbTiO}_3$ films prepared by sol-gel technique., 2009, , .	1	
76	Effects of LSCO Buffer Layer on the Microstructure and Dielectric Properties of Ba _{0.6} Sr _{0.4} TiO ₃ Films Prepared by Sol-gel Methods. Materials Research Society Symposia Proceedings, 2009, 1199, 60.	0.1	0
77	Dielectric and piezoelectric enhancements in the BiFeO_x-PbTiO_{3-x} solid solutions with Gd doping., 2009, , .	2	
78	Effect of La substitution on the struture and multiferroic properties of BiFeO_x-PbTiO_{3-x} crystalline solutions., 2009, , .	0	
79	Effects of gallium on the structure and electrical properties of $(\text{Ga}_{x}\text{Fe}_{1-x})\text{O}_3-0.35\text{PbTiO}_3$ ceramics. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2009, 56, 1826-1830.	3.0	2
80	A high temperature piezoelectric ceramic: $(1-x)(\text{Bi}_{0.9}\text{La}_{0.1})\text{FeO}_3-\text{PbTiO}_3$ crystalline solutions. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2009, 56, 1820-1825.	3.0	10
81	Enhanced dielectric and ferroelectric properties of $0.57(\text{Bi},\text{La})\text{FeO}_{3-x}\text{PbTiO}_3$ multiferroic ceramics by the Ti substitution., 2009, , .	0	
82	The influence of top electrode on $0.6(\text{Bi}_{0.85}\text{La}_{0.15})\text{FeO}_3-0.4\text{PbTiO}_3$ thin film., 2009, , .	0	
83	Low dielectric dissipation and enhanced tunability of Ba _{0.6} Sr _{0.4} TiO ₃ thin films by the modified composition and multilayer structure. Journal of Electroceramics, 2008, 21, 668-671.	2.0	9
84	Effect of V ₂ O ₅ on the sintering behavior, microstructure, and electrical properties of $(\text{Na}_{0.5}\text{K}_{0.5})\text{NbO}_3$ ceramics. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 994-999.	3.0	1
85	The dielectric properties of Ba _{0.6} Sr _x Cr _x Ti _{1-x} O ₃ thin films prepared by pulsed laser deposition. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 1029-1033.	3.0	3
86	Transmission electron microscopy study of multiferroic $(\text{Bi}_{1-x}\text{La}_x)\text{FeO}_3-\text{PbTiO}_3$ with $x=0.1, 0.2$, and 0.3 . Applied Physics Letters, 2007, 90, 182904.	3.3	13
87	Synthesis and Dielectric properties of BiFeO_x-PbTiO_{3-x} films prepared by sol-gel method. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
88	Multiferroic Properties of La, Ba Co-Modified BiFeO_x-PbTiO_{3-x} Crystalline Solutions. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
89	The dielectric properties of Ba _{0.6} Sr _x Cr _x Ti _{1-x} O ₃ thin films prepared by pulsed laser deposition. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
90	Multiferroic Double-layer BiFeO_x-CoFe ₂ O ₄ Composite Films Prepared by Pulsed-Laser Deposition. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0

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91	Structural and Dielectric Properties of Pb(Zr<inf>0.53</inf>Ti<inf>0.47</inf>)O<inf>3</inf> Thin Films Grown on LaNiO<inf>3</inf> Buffered Si Substrates. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
92	Effects of La Concentration on the Structural and Dielectric Properties of 0.57BiFeO<lt;/inf>3<lt;/inf>-0.43PbTiO<lt;/inf>3<lt;/inf> Crystalline Solutions. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	1
93	Improvement in Dielectric and Tunable Properties of Fe-Doped Ba<inf>0.6</inf>Sr<inf>0.4</inf>TiO<inf>3</inf> Thin Films Grown by Pulsed Laser Deposition. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
94	Dielectric and magnetic enhancements in BiFeO ₃ -PbTiO ₃ solid solutions with La doping. Applied Physics Letters, 2006, 89, 122911.	3.3	100
95	Low dielectric loss and enhanced tunable properties of Cr-doped barium strontium titanate solid solution. Journal of Materials Science: Materials in Electronics, 2006, 17, 587-591.	2.2	13
96	Electrical Properties of Lead Zirconate Titanate Thin Films by a Hydrothermal Method. , 2006, , .		0
97	Dielectric Properties of (Ba, Sr, Ca)TiO<inf>3</inf> Ceramics for Tunable Microwave Devices. Applications of Ferroelectrics, IEEE International Symposium on, 2006, , .	0.0	0
98	Structural and Electrical Properties of BiFeO<lt;/inf>3<lt;/inf> Thin Films Prepared by the Pulsed Laser Deposition Method. Applications of Ferroelectrics, IEEE International Symposium on, 2006, , .	0.0	0
99	Dielectric Tunability Properties and Thermal Stability of (Ba,Sr,Ca)TiO ₃ Thin Films Prepared by the Sol-Gel Method. Materials Research Society Symposia Proceedings, 2006, 966, 1.	0.1	0
100	Ferroelectric enhancement in heterostructured ZnO ^x BiFeO ₃ -PbTiO ₃ film. Applied Physics Letters, 2006, 89, 212906.	3.3	27
101	Characterization of Lead Zirconate Titanate Powders Prepared by a Hydrothermal Method. Materials Research Society Symposia Proceedings, 2005, 902, 1.	0.1	0
102	Crystalline orientation dependence of nanomechanical properties of Pb(Zr0.52Ti0.48)O ₃ thin films. Applied Physics Letters, 2005, 86, 162903.	3.3	33
103	Piezoelectric performances of lead-reduced (1-x)(Bi0.9La0.1)(Ga0.05Fe0.95)O _{3-x} (Pb0.9Ba0.1)TiO ₃ crystalline solutions in the morphotropic phase boundary. Journal of Applied Physics, 2004, 96, 6611-6615.	2.5	34
104	Orientation of PZT thin films prepared by sol-gel techniques. , 0, , .		2