Ruyan Guo

List of Publications by Year
in descending order

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		76326	39675
403	10,517	40	94
papers	citations	h-index	g-index

430	430	430	7655
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The perovskite structureâ€"a review of its role in ceramic science and technology. Materials Research Innovations, 2000, 4, 3-26.	2.3	1,013
2	Origin of the High Piezoelectric Response inPbZr1â^'xTixO3. Physical Review Letters, 2000, 84, 5423-5426.	7.8	983
3	Tetragonal-to-monoclinic phase transition in a ferroelectric perovskite: The structure ofPbZr0.52Ti0.48O3. Physical Review B, 2000, 61, 8687-8695.	3.2	768
4	Stability of the monoclinic phase in the ferroelectric perovskitePbZr1â^'xTixO3. Physical Review B, 2000, 63, .	3.2	512
5	Piezoelectric and strain properties of Ba(Ti1â^'xZrx)O3 ceramics. Journal of Applied Physics, 2002, 92, 1489-1493.	2.5	411
6	Micro-Raman scattering and dielectric investigations of phase transition behavior in the BaTiO3â€"BaZrO3 system. Journal of Applied Physics, 2001, 89, 8085-8091.	2.5	314
7	Structureâ€Property Phase Diagram of BaZr_xTi_{1â^'x}O₃ System. Journal of the American Ceramic Society, 2008, 91, 1769-1780.	3.8	276
8	Dielectric behavior of Ba(Ti1â^'xZrx)O3 single crystals. Journal of Applied Physics, 2000, 88, 410-415.	2.5	262
9	Ferroelectric-relaxor behavior of Ba(Ti0.7Zr0.3)O3 ceramics. Journal of Applied Physics, 2002, 92, 2655-2657.	2.5	242
10	Enhanced ferroelectric properties of Cr-doped BiFeO3 thin films grown by chemical solution deposition. Applied Physics Letters, 2006, 88, 132901.	3.3	231
11	Raman spectroscopy of Mg-Ta order-disorder in. Journal of Physics and Chemistry of Solids, 1998, 59, 181-195.	4.0	179
12	Dielectric properties and high tunability of Ba(Ti0.7Zr0.3)O3 ceramics under dc electric field. Applied Physics Letters, 2002, 81, 1285-1287.	3.3	159
13	Measurements of strain and the optical indices in the ferroelectricBa0.4Sr0.6Nb2O6: Polarization effects. Physical Review B, 1987, 36, 2030-2035.	3.2	142
14	ZnO microtube ultraviolet detectors. Journal of Crystal Growth, 2008, 310, 57-61.	1.5	139
15	Orientation dependence of the ferroelectric and piezoelectric behavior of Ba(Ti1â^'xZrx)O3 single crystals. Applied Physics Letters, 2000, 77, 1535-1537.	3.3	137
16	Electric field dependent dielectric properties and high tunability of BaZrxTi1â^'xO3 relaxor ferroelectrics. Applied Physics Letters, 2006, 89, 122909.	3.3	134
17	Investigations on the solâ€"gel-derived barium zirconium titanate thin films. Materials Letters, 2002, 56, 933-940.	2.6	114
18	Enhanced electric field tunable dielectric properties of BaZrxTi1â^'xO3 relaxor ferroelectrics. Applied Physics Letters, 2007, 90, 182901.	3.3	104

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19	Dielectric properties of Ba(Ti1âˆ'xZrx)O3 solid solutions. Materials Letters, 2007, 61, 326-329.	2.6	104
20	Raman scattering study of a phase transition in tantalum pentoxide. Journal of Raman Spectroscopy, 2000, 31, 1061-1065.	2.5	100
21	Raman spectral studies of Zr⁴⁺â€rich BaZr_xTi_{1âˆ'x}O₃(0.5â©½xâ©½1.00) phase diagram. Journal of Raman Spectroscopy, 2009, 40, 370-375.	2.5	99
22	Piezoelectric and electrostrictive strain behavior of Ce-doped BaTiO3 ceramics. Applied Physics Letters, 2002, 80, 3424-3426.	3.3	93
23	Evaluation of Experimental Resume of BaZr_xTi_{1-x}O₃with Perspective to Ferroelectric Relaxor Family: An Overview. Ferroelectrics, 2011, 425, 4-26.	0.6	91
24	Ba(Mg1/3Ta2/3)O3single crystal fiber grown by the laser heated pedestal growth technique. Journal of Applied Physics, 1994, 75, 4704-4708.	2.5	89
25	Pyroelectric Sensors. , 1998, 2, 229-242.		89
26	Synthesis and characterization of lead strontium titanate thin films by solâ€"gel technique. Materials Letters, 2002, 56, 692-697.	2.6	72
27	Zinc oxide single-crystal microtubes. Applied Physics Letters, 2004, 85, 5140-5142.	3.3	71
28	Raman study ofBaxSr1âˆ'xTiO3films:â€,â€,Evidence for the existence of polar nanoregions. Physical Review B, 2003, 67, .	3.2	70
29	Dielectric properties of pulsed-laser-deposited calcium titanate thin films. Applied Physics Letters, 2000, 76, 3100-3102.	3.3	67
30	Micro-Raman study of Ba1 ?xSrxTiO3 ceramics. Journal of Raman Spectroscopy, 2001, 32, 147-149.	2.5	62
31	Studies on annealing and quenching of strontium barium niobate (SBN) single crystals: A-site cation ordering-disordering effect. Ferroelectrics, 1989, 93, 397-405.	0.6	58
32	Dielectric and pyroelectric properties of the morphotropic phase boundary lead barium niobate (PBN) single crystals at low temperature (10â€"300 K). Journal of Applied Physics, 1990, 67, 6405-6410.	2.5	57
33	Calculation of dielectric constant and loss of two-phase composites. Journal of Applied Physics, 2003, 93, 3475-3480.	2.5	57
34	Temperature dependent Raman scattering in KTiOPO4and KTiOAsO4single crystals. Journal of Applied Physics, 1996, 79, 3235-3240.	2.5	55
35	Optimization of excess Bi doping to enhance ferroic orders of spin casted BiFeO3 thin film. Journal of Applied Physics, 2014, 115, .	2.5	55
36	Polarization mechanisms of morphotropic phase boundary lead barium niobate (PBN) compositions. Journal of Applied Physics, 1990, 67, 1453-1460.	2.5	51

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37	Dielectric and Pyroelectric Properties of HAp-BaTiO₃Composites. Ferroelectrics, 2011, 423, 63-76.	0.6	51
38	Strontium aluminum tantalum oxide and strontium aluminum niobium oxide as potential substrates for HTSC thin films. Journal of Materials Research, 1995, 10, 18-25.	2.6	49
39	Thermal expansion properties of PMNâ€“PT ceramics. Journal of Alloys and Compounds, 2008, 461, 565-569.	5.5	49
40	Microstructure-property relations in tungsten bronze lead barium niobate, Pb_{1â^'x}Ba_xNb₂O₆. Journal of Materials Research, 1991, 6, 1720-1728.	2.6	46
41	Core-shell magnetoelectric nanorobot â€“ A remotely controlled probe for targeted cell manipulation. Scientific Reports, 2018, 8, 1755.	3.3	43
42	Cluster polarization of Cd2Nb2O7 compound. Applied Physics Letters, 2000, 77, 732-734.	3.3	41
43	Dielectric loss and defect mode of SrTiO3 thin films under direct-current bias. Applied Physics Letters, 2001, 78, 2754-2756.	3.3	38
44	Dielectric polarization processes in Bi:SrTiO3. Journal of Physics and Chemistry of Solids, 2000, 61, 191-196.	4.0	37
45	Dielectric loss modes of SrTiO3 thin films deposited on different substrates. Applied Physics Letters, 2002, 80, 1034-1036.	3.3	37
46	Effect of electric field and post-treatment on dielectric behavior of SrTiO3 single crystal. Journal of Applied Physics, 2000, 87, 3937-3940.	2.5	36
47	Effect of dc bias on dielectric properties of Cd2Nb2O7 ceramics. Journal of Applied Physics, 2001, 90, 2465-2468.	2.5	36
48	Lattice dynamics in BaxSr1â^'xTiO3 thin films studied by Raman spectroscopy. Journal of Applied Physics, 2004, 96, 6597-6605.	2.5	36
49	The polar cluster like behavior in Ti4+ substituted BaZrO3 ceramics. Materials Letters, 2006, 60, 3861-3865.	2.6	35
50	Optical properties of relaxor ferroelectric crystal: Pb(Zn1/3Nb2/3)O3-4.5 % PbTiO3. Ferroelectrics, 2000, 242, 1-11.	0.6	34
51	Dielectric loss of SrTiO3 single crystals under direct current bias. Applied Physics Letters, 2000, 76, 1929-1931.	3.3	34
52	Magneto-elasto-electroporation (MEEP): In-vitro visualization and numerical characteristics. Scientific Reports, 2016, 6, 32019.	3.3	34
53	Effects of donor and acceptor doping on dielectric and ferroelectric properties of Ba0.7Ca0.3TiO3 lead-free ceramics. Journal of Alloys and Compounds, 2017, 695, 1329-1335.	5.5	34
54	Dielectric relaxation processes in Cd2Nb2O7 compound. Journal of Applied Physics, 2000, 87, 7452-7456.	2.5	33

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55	Micro-Raman scattering and x-ray diffraction studies of (Ta2O5)1â^'x(TiO2)x ceramics. Journal of Applied Physics, 2000, 87, 8688-8694.	2.5	33
56	Local structure and evolution of relaxor behavior in BaTiO3â€“Bi(Zn0.5Ti0.5)O3 ceramics. Ceramics International, 2014, 40, 14555-14562.	4.8	33
57	Negative thermal expansion behavior in single crystal and ceramic of Nb2O5-based compositions. Journal of Applied Physics, 2002, 91, 5051-5054.	2.5	31
58	Dielectric polarization and strain behavior of Ba(Ti0.92Zr0.08)O3 single crystals. Materials Letters, 2002, 57, 349-354.	2.6	30
59	Pyroelectric, piezoelectric, and dielectric properties of Î²â€BaB2O4single crystal. Journal of Applied Physics, 1989, 66, 6186-6188.	2.5	29
60	Glassy polarization in the ferroelectric tungsten bronze (Ba,Sr)Nb2O6. Journal of Applied Physics, 1992, 71, 5591-5595.	2.5	29
61	Pyroelectric, dielectric, and piezoelectric properties of LiB3O5. Journal of Applied Physics, 1995, 78, 7234-7239.	2.5	29
62	Multifunctionality of Perovskites BaTiO3 and CaTiO3 in a Composite with Hydroxyapatite as Orthopedic Implant Materials. Integrated Ferroelectrics, 2011, 131, 119-126.	0.7	29
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73	Temperature dependent Raman spectroscopic studies on microwave dielectrics Sr(AL1/2Ta1/2)O3and Sr(Al1/2Nb1/2)O3. Ferroelectrics, Letters Section, 1996, 21, 79-85.	1.0	22
74	Dielectric relaxation and conduction in SrTiO3 thin films under dc bias. Applied Physics Letters, 2001, 79, 818-820.	3.3	22
75	Synthesis of a new netlike nano zinc borate. Materials Letters, 2008, 62, 2057-2059.	2.6	22
76	Magnetoelectric properties of microwave sintered particulate composites. Materials Letters, 2009, 63, 2198-2200.	2.6	22
77	Properties of morphotropic phase boundary lead barium niobate (PBN) compositions. Ferroelectrics, 1989, 93, 193-201.	0.6	21
78	The monoclinic phase in PZT: New light on morphotropic phase boundaries. AIP Conference Proceedings, 2000, , .	0.4	21
79	Acoustic and Piezoelectric Properties of 0-3 Barium Zirconate Titanate-Portland Cement Composites-Effects of BZT Content and Particle Size. Ferroelectrics, 2013, 455, 69-76.	0.6	21
80	Study of structural phase transitions in solid-solution (1 â^'x)PZN-xPT relaxor ferroelectric using Raman scattering. Journal of Raman Spectroscopy, 2000, 31, 921-924.	2.5	20
81	Growth of Ba(Ti1â^'xZrx)O3 single crystals by the laser heated pedestal growth technique. Journal of Crystal Growth, 2001, 233, 460-465.	1.5	20
82	Processing and annealing conditions on the dielectric properties of (Ta2O5)0.92(TiO2)0.08 ceramics. Materials Letters, 2002, 57, 270-274.	2.6	20
83	Tunable BST:MgO Dielectric Composite by Microwave Sintering. Ferroelectrics, 2004, 306, 155-163.	0.6	20
84	Modeling Permittivity and Tangent Loss in Dielectric Materials Using Finite Element Method and Monte Carlo Simulation. Ferroelectrics, 2005, 315, 1-15.	0.6	20
85	Ferroelectric relaxor behaviour in Ba(ZrxTi1â^'x)O3â€‰:â€‰MgO composites. Journal Physics D: Applied Physics, 2007, 40, 4355-4359.	2.8	20
86	Frequency Dependent Electro-Optic Properties of Potassium Lithium Tantalate Niobate Single Crystal. Ferroelectrics, 2011, 425, 82-89.	0.6	20
87	Thermal Decomposition Synthesis and Assessment of Effects on Blood Cells and <i>In Vivo</i> Damages of Cobalt Ferrite Nanoparticles. Journal of Nano Research, 0, 28, 131-140.	0.8	20
88	Ferroelectric (Pb,Ba)Nb2O6near the morphotropic phase boundary. Applied Physics Letters, 1990, 57, 543-544.	3.3	19
89	Stress tuning in crystal ion slicing to form single-crystal potassium tantalate films. Applied Physics Letters, 2000, 77, 2124-2126.	3.3	19
90	A novel fiber chemical sensor using inner-product multimode fiber speckle fields. , 2003, , .		19

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91	Enhanced ferroelectricity, piezoelectricity and ferromagnetism in (Ba 0.75 Ca 0.25)TiO 3 modified BiFeO 3 multiferroic ceramics. Journal of Alloys and Compounds, 2016, 658, 973-980.	5.5	19
92	Improved magnetic properties and structural characterizations in Mn doped 0.9BiFeO3â€“0.1BaTiO3 compositions. Scripta Materialia, 2017, 130, 161-164.	5.2	19
93	Electrooptic properties and their temperature dependence in single crystals of lead barium niobate and strontium barium niobate. Materials Letters, 2000, 42, 130-135.	2.6	18
94	Novel BST:MgTiO 3 Composites for Frequency Agile Applications. Ferroelectrics, 2002, 268, 169-174.	0.6	18
95	Thermal expansion measurements in the relaxor ferroelectric PINâ€“PT system. Materials Letters, 2008, 62, 352-356.	2.6	18
96	Magnetoelectric Response in (1â^'x)PbZr_{0.65}Ti_{0.35}O₃â€“xBaFe₁₂O₁₉ MultiferroicÂCeramic Composites. Journal of the American Ceramic Society, 2015, 98, 1542-1547.	3.8	18
97	Application of a fiber-speckle hologram to fiber sensing. Applied Optics, 1994, 33, 5202.	2.1	17
98	Improved ferroelectric properties of Cr-doped Ba0.7Sr0.3TiO3 thin films prepared by wet chemical deposition. Materials Letters, 2006, 60, 2322-2325.	2.6	17
99	Multiferroism and magnetoelectric coupling in (PbZr0.65Ti0.35O3)0.97â€“(BaFe12O19)0.03 ceramic composites. Journal of Applied Physics, 2013, 114, 224113.	2.5	17
100	A phenomenological model for ferroelectric domain walls and its implications for BiFeO₃â€“PbTiO₃multiferroic compounds. Journal of Materials Chemistry C, 2014, 2, 364-372.	5.5	17
101	Microscopic Description of the Ferroism in Lead-Free AlFeO3. Scientific Reports, 2018, 8, 6420.	3.3	17
102	Raman measurements of the ferroelectric Ba0.4Sr0.6Nb2O6. Ferroelectrics, 1990, 108, 189-193.	0.6	16
103	Surface crystallographic structure compatibility between substrates and highT_c(YBCO) thin films. Journal of Materials Research, 1994, 9, 1644-1656.	2.6	16
104	Temperature-Dependent Raman Studies of Ba(Mgâ€‰â€‰1/3Ta2/3)O3. Journal of Raman Spectroscopy, 1996, 27, 873-877.	2.5	16
105	Growth and Properties of CaTiO3 Single Crystal Fibers. , 1998, 2, 199-203.		16
106	Single crystal growth and ferroelectric properties of Î±(Ba1â^'xSrx)Nb2O6:Î²(Na1â^'yKy)NbO3 solid solutions. Journal of Applied Physics, 1998, 84, 5140-5146.	2.5	16
107	Crystal structure analysis and polarization mechanisms of ferroelectric tetragonal tungsten bronze lead barium niobate. Ferroelectrics, 1998, 206, 123-132.	0.6	16
108	Multiferroic Behavior of Lead-free AlFeO₃and Mn, Nb Doped Compositions. Ferroelectrics, 2014, 460, 108-116.	0.6	16

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109	Phase characteristics, microstructure, and electrical properties of (1-x)BaZr0.2Ti0.8O3-(x)(Ba0.7Ca0.3)0.985La0.01TiO3 ceramics. Ceramics International, 2019, 45, 17502-17511.	4.8	16
110	Modified mixed oxide perovskites 0.7Sr(Al1/2B1/2) O3ï¿½0.3LaAlO3 and 0.7Sr(Al1/2B1/2) O3ï¿½0.3NdGaO3 (B=Ta5+) Tj ETQq0 0 0 rg 5054-5058.	3.7	15
111	Measurement of microwave electro-optic coefficient in Sr0.61Ba0.39Nb2O6 crystal fiber. Applied Physics Letters, 2005, 86, 211907.	3.3	15
112	Dielectric properties and tunability of (Sr,Bi)TiO3 with MgO additive. Materials Letters, 2003, 57, 2927-2931.	2.6	14
113	Electrical Properties of Lead-free Niobium Rich Piezoelectric (K_{0.95}Li_{0.05}) (Ta_{1-x}Nb _x) O₃ Single Crystals. Integrated Ferroelectrics, 2011, 130, 65-72.	0.7	14
114	Synthesis and characterization of structural, microstructural and ferroic properties of CoFe2O4nanoparticles and CoFe2O4:BaTiO3core-shell nanocomposites. Integrated Ferroelectrics, 2016, 174, 88-97.	0.7	14
115	Giant Magnetoelectric Effect in PZT Thin Film Deposited on Nickel. Energy Harvesting and Systems, 2016, 3, 181-188.	2.7	14
116	Local structure study of phase transition behavior in Ba(Ti,Sn)O3 perovskite by X-ray absorption fine structure. Ceramics International, 2016, 42, 8151-8154.	4.8	14
117	Dielectric, ferroelectric and piezoelectric properties of (Ba 0.7 Ca 0.3)Ti 1-x Cu x O 3-x ceramics. Journal of Alloys and Compounds, 2018, 759, 120-127.	5.5	14
118	Epitaxial Tl2Ba2CaCu2O8superconducting thin film on Sr2(AlTa)O6buffer layer. Journal of Applied Physics, 1995, 78, 6846-6848.	2.5	13
119	Hypersonic anomalies and optical properties ofRbTiOAsO4andKTiOPO4single crystals. Physical Review B, 1999, 59, 251-256.	3.2	13
120	Dielectric behaviors of Nb2O5(0.95):0.05TiO2 ceramic and single crystal. Materials Letters, 2002, 54, 269-272.	2.6	13
121	Microstructure and Electrical Properties of BaFe0.5Nb0.5O3Doped with GeO2(1â€“5 wt.%). Ferroelectrics, 2011, 425, 27-38.	0.6	13
122	Understanding the dynamic magnetization process for the magnetoelectric effect in multiferroic composites. Journal of Applied Physics, 2016, 119, .	2.5	13
123	â€˜Oriented film growth,â€™ not â€˜epitaxyâ€™ in HTSC film growth. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1994, 12, 269-273.	2.1	12
124	Micro-Raman scattering in Nb2O5-TiO2 ceramics. Journal of Raman Spectroscopy, 2002, 33, 121-124.	2.5	12
125	Dielectric Tunability of BST:MgO Composites Prepared by Using Nano Particles. Ferroelectrics, Letters Section, 2004, 31, 149-156.	1.0	12
126	Effects of Parallel and Perpendicular Compressive Stresses on the Dielectric and Ferroelectric Properties of Soft PZT Ceramics. Ferroelectrics, 2010, 400, 144-154.	0.6	12

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127	Investigation of local structure in BaTiO3â€“BaZrO3 system by synchrotron X-ray absorption spectroscopy. Ceramics International, 2013, 39, S579-S582.	4.8	12
128	Piezoelectric and ferroelectric properties of lead-free niobium-rich potassium lithium tantalate niobate single crystals. Materials Research Bulletin, 2014, 49, 206-209.	5.2	12
129	Current Status of Oxide Dielectric Materials for Terahertz Applicationsâ€“An Overview. Integrated Ferroelectrics, 2015, 166, 108-139.	0.7	12
130	LHPG grown crystal fibers of MgTiO3î—¸CaTiO3 eutectic system. Journal of Physics and Chemistry of Solids, 1998, 59, 611-615.	4.0	11
131	Growth of BA(TI1-xZRx)O3single crystal fibers by laser heated pedestal growth technique. Ferroelectrics, Letters Section, 2000, 27, 113-123.	1.0	11
132	Thermal Expansion Behavior of Biocompatible Hydroxyapatite-BaTiO₃ Composites for Bone Substitutes. Integrated Ferroelectrics, 2011, 131, 147-152.	0.7	11
133	Low-frequencyâ€“dependent electro-optic properties of potassium lithium tantalate niobate single crystals. Europhysics Letters, 2013, 102, 37004.	2.0	11
134	THz Imaging of Skin Burn: Seeing the Unseenâ€”An Overview. Advances in Wound Care, 2016, 5, 338-348.	5.1	11
135	Dielectric and structural features of the environmentally friendly lead-free PVDF/Ba0.3Na0.7Ti0.3Nb0.7O3 0-3 composite. Current Applied Physics, 2016, 16, 1468-1472.	2.4	11
136	Demonstration of wide frequency bandwidth electro-optic response in SBN thin film waveguide. Optical Materials, 2018, 85, 26-31.	3.6	11
137	Theory, simulation and experiment of optical properties of cobalt ferrite (CoFe2O4) nanoparticles. Journal of Materials Science and Technology, 2020, 57, 180-187.	10.7	11
138	Dielectric measurement of ferroelectric Sr0.61Ba0.39Nb2O6 single crystal fiber using cavity perturbation method. Applied Physics Letters, 2005, 86, 122903.	3.3	10
139	Acoustic, Dielectric and Piezoelectric Properties of 1â€“3 Connectivity Barium Titanate-Portland Cement Composites. Ferroelectrics, 2013, 452, 76-83.	0.6	10
140	Properties of Silver and Copper Nanoparticle Containing Aqueous Suspensions and Evaluation of their <i>In Vitro </i>Activity against <i>Candida albicans </i>and <i>Staphylococcus aureus </i>Biofilms. Journal of Nano Research, 0, 37, 109-121.	0.8	10
141	Cell permeation using core-shell magnetoelectric nanoparticles. Integrated Ferroelectrics, 2016, 174, 186-194.	0.7	10
142	Piezoelectric stacked transducer evaluation and comparison for optimized energy harvesting. Ferroelectrics, 2018, 535, 8-17.	0.6	10
143	Chemical Sensing with Hetero-Core Fiber Specklegram. Journal of Holography and Speckle, 2004, 1, 53-57.	0.1	10
144	Epitaxial Sr2(AlTa)O6 films as buffer layers on MgO for YBa2Cu3O7â˜'x thin film growth. Journal of Applied Physics, 1995, 78, 2138-2140.	2.5	9

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145	Structural transformation in (Ta 2 O 5) 1â^'x (TiO 2) x ceramics. Journal of Physics and Chemistry of Solids, 2000, 61, 1805-1808.	4.0	9
146	Dielectric Properties of Ba 1â^'x Sr x TiO 3 Single Crystal Fibers Grown by Laser Heated Pedestal Growth Technique. Integrated Ferroelectrics, 2002, 42, 57-69.	0.7	9
147	Influences of Cr Doping on the Electrical Properties in BiFeO3Thin Films. Ferroelectrics, Letters Section, 2006, 33, 91-100.	1.0	9
148	Effects of GeO2 addition on physical and electrical properties of BaFe0.5Nb0.5O3 ceramic. Materials Research Bulletin, 2012, 47, 2867-2870.	5.2	9
149	Effect of BCZT on Electrical Properties and Bioactivity of 45S5 Bioglass. Integrated Ferroelectrics, 2013, 142, 144-153.	0.7	9
150	Dielectric and impedance measurements on (1â^'x)Ba(Fe1/2Ta1/2)O3-xBa(Zn1/3Ta2/3)O3 ceramics. Current Applied Physics, 2014, 14, 1819-1824.	2.4	9
151	Magnetoelectric Characterization of Multiferroic Nanostructure Materials. Ferroelectrics, 2014, 473, 137-153.	0.6	9
152	Investigation of the Physical Properties of PLZT Ferroelectric Ceramics â€“ Effect of the Lanthanum Content. Integrated Ferroelectrics, 2015, 166, 158-167.	0.7	9
153	Directional dependence figure of merit analysis of piezoelectric materials. Integrated Ferroelectrics, 2016, 174, 26-33.	0.7	9
154	Thermal expansion behaviors of 0â€“3 connectivity lead-free barium zirconate titanate-Portland cement composites. Ceramics International, 2017, 43, S129-S135.	4.8	9
155	Magnetoelastoelectric coupling in coreâ€“shell nanoparticles enabling directional and mode-selective magnetic control of THz beam propagation. Nanoscale, 2017, 9, 13052-13059.	5.6	9
156	Degradation of piezoelectric device as an energy harvester under equivalent traffic stress condition. Ferroelectrics, 2019, 540, 112-123.	0.6	9
157	Novel synthesis route of porous clay heterostructures via mixed surfactant template and their dielectric behavior. Journal of Porous Materials, 2021, 28, 117-128.	2.6	9
158	Dielectric Properties and Relaxor Behavior of PIN Based System. Ferroelectrics, Letters Section, 2007, 34, 36-45.	1.0	8
159	Tailored Dielectric Properties and Tunability of Lead Free Relaxor Ba(Zr_xTi<sub>1 â^') Tj ETQq1 1 0.784314 rgBT /Overloc	0.6	8
160	Tuning ferroic states in La doped BiFeO3-PbTiO3 displacive multiferroic compounds. Journal of Applied Physics, 2014, 116, 034107.	2.5	8
161	Investigation of the conduction processes in PZTâ€based multiferroics: Analysis from Jonscher's formalism. Physica Status Solidi (B): Basic Research, 2014, 251, 1020-1027.	1.5	8
162	Thermal expansion behavior and polarization properties of lead-free ferroelectric potassium lithium tantalate niobate single crystals. Ceramics International, 2014, 40, 1225-1228.	4.8	8

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163	Orientation dependence of dielectric and piezoelectric properties of (K0.95Li0.05) (Ta0.40Nb0.60) O3 single crystal. Ceramics International, 2015, 41, 6657-6662.	4.8	8
164	Numerical and experimental study of the glass-transition temperature of a non-Newtonian fluid in a dynamic scraped surface heat exchanger. International Journal of Heat and Mass Transfer, 2020, 152, 119525.	4.8	8
165	Low temperature dielectric and pyroelectric studies of the morphotropic phase boundary of lead barium niobate (PBN) single crystals. Ferroelectrics, 1990, 108, 187-188.	0.6	7
166	Piezoelectric properties and equivalent circuits of ferroelectric relaxor single crystals. Journal of Materials Science, 1997, 32, 2055-2058.	3.7	7
167	Photoluminescence in PbMg1/3Nb2/3O3â€“PbIn1/2Nb1/2O3 systems. Journal of Materials Research, 1998, 13, 1861-1864.	2.6	7
168	Low-temperature dielectric behavior of Nb2O5â€“SiO2 solid solutions. Journal of Applied Physics, 2003, 93, 2876-2879.	2.5	7
169	Changes in ferroelectric properties of lead indium niobate-lead titanate ceramics under compressive stress applied perpendicular to an electric field. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 1147-1153.	2.1	7
170	High- and low-field dielectric responses and ferroelectric properties of (Bi0.5Na0.5)Zr1â^'xTixO3 ceramics. Ceramics International, 2013, 39, S81-S85.	4.8	7
171	Pyroelectric properties of lead-free ferroelectric niobium-rich potassium lithium tantalate niobate single crystals. Ceramics International, 2013, 39, 8517-8519.	4.8	7
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