Xiao Qiang Liu

List of Publications by Year in Descending Order

175 papers	3,727 citations	34 h-index	52 g-index
179 ext. papers	4,157 ext. citations	3.8 avg, IF	5.66 L-index

#	Paper	IF	Citations
175	Magnetoelectric coupling in Sm substituted 0.67BiFeO3- 0.33BaTiO3 ceramics. *Journal of Alloys and Compounds*, **2022**, 901, 163681	5.7	0
174	Ultra low loss (Mg1 xCax)2SiO4 dielectric ceramics (x=0 to 0.15) for millimeter wave applications. *Journal of the American Ceramic Society*, **2022**, 105, 2010	3.8	1
173	Distortion modes and ferroelectric properties in hybrid improper ferroelectric Sr3(Sn,Zr)2O7 ceramics. *Journal of Applied Physics*, **2022**, 131, 184102	2.5	
172	Enhanced multiferroic characteristics in hexagonal ScMn1 FexO3 ceramics. *Journal of Applied Physics*, **2021**, 129, 134101	2.5	
171	Enhanced hybrid improper ferroelectricity in Fe/Nb cosubstituted Ca3Mn2O7 ceramics. *Journal of the American Ceramic Society*, **2021**, 104, 4000-4013	3.8	1
170	Polarization Mechanism in Filled Tungsten Bronze Ba4Eu2Ti4Nb6O30 with Pinched P E Hysteresis Loops. *Chinese Physics Letters*, **2021**, 38, 047701	1.8	0
169	Room-temperature multiferroic characteristics and unique vortex domain structures of h-Yb1 InxFeO3 solid solutions. *Journal of the American Ceramic Society*, **2021**, 104, 6393	3.8	0
168	Hybrid improper ferroelectricity in A-site cation ordered Li2La2Ti3O10 ceramic with triple-layer Ruddlesden Popper structure. *Applied Physics Letters*, **2021**, 118, 052903	3.4	2
167	Electric-field-controlled magnetism due to field-induced transition of Pna21/R3c in Bi1-xGdxFeO3 ceramics. *Journal of Materiomics*, **2021**, 7, 967-975	6.7	1
166	Structure evolution and improved microwave dielectric characteristics in CaTi1-x(Al0.5Nb0.5)xO3 ceramics. *Journal of Alloys and Compounds*, **2020**, 845, 155435	5.7	5
165	Enhanced hybrid improper ferroelectricity in Sr3 BaxSn2O7 ceramics with a Ruddlesden Popper (RP) structure. *Applied Physics Letters*, **2020**, 116, 042903	3.4	12
164	Hybrid improper ferroelectricity and pressure-induced enhancement of polarization in Ba3Ce2O7 predicted by a first-principles calculation. *Physical Review Materials*, **2020**, 4,	3.2	2
163	Morphotropic phase boundary (MPB) and enhanced multiferroic characteristics of Bi1-x(Ba0.75Ca0.25)xFe1-xTixO3 ceramics (0.25 0.35). *Journal of Alloys and Compounds*, **2020**, 819, 153031	5.7	6
162	Improved hybrid improper ferroelectricity in B-site substituted Ca3Ti2O7 ceramics with a Ruddlesden Popper structure. *Journal of Applied Physics*, **2020**, 128, 054102	2.5	8
161	Crossover from normal to relaxor ferroelectric in Sr0.25Ba0.75(Nb1 Tax)2O6 ceramics with tungsten bronze structure. *Applied Physics Letters*, **2020**, 117, 122902	3.4	3
160	Pinched P-E hysteresis loops in Ba4Sm2Fe0.5Ti3Nb6.5O30 ceramic with tungsten bronze structure. *Applied Physics Letters*, **2019**, 115, 082901	3.4	4
159	Electrocaloric effect and pyroelectric energy harvesting in diffuse ferroelectric Ba(Ti1-xCex)O3 ceramics. *Journal of Electroceramics*, **2019**, 43, 106-116	1.5	5

158	Crystal structures, dielectric properties, and phase transition in hybrid improper ferroelectric Sr3Sn2O7-based ceramics. *Journal of Applied Physics*, **2019**, 125, 044101	2.5	15
157	Magnetoelectric effect in Sm-substituted tungsten bronze structure Ba4(SmxLa1-x)2Fe2Nb8O30 ceramics. *Journal of Alloys and Compounds*, **2019**, 786, 126-133	5.7	7
156	A-site partially ordered La0.5Y0.5FeO3 and its multiferroic characteristics. *Applied Physics Letters*, **2019**, 114, 212904	3.4	4
155	Structure and microwave dielectric characteristics of Sr2[Ti1−x(Al0.5Nb0.5)x]O4 (x≤0.50) ceramics. *Journal of the American Ceramic Society*, **2019**, 102, 6137-6146	3.8	9
154	Hybrid improper ferroelectricity and possible ferroelectric switching paths in Sr3Hf2O7. *Journal of Applied Physics*, **2019**, 125, 114105	2.5	10
153	Aging effect and metastable ferroelectric state in Ba4Eu2(Ti0.9Zr0.1)4Ta6O30 tetragonal tungsten bronze ceramic. *Applied Physics Letters*, **2019**, 114, 082902	3.4	1
152	Conductive, dielectric and magnetic properties of Y-substituted LaFeO3 ceramics. *Journal of Alloys and Compounds*, **2019**, 792, 665-672	5.7	9
151	Ba4R2Sn4Nb6O30 (R = La, Nd, Sm) lead-free relaxors with filled tungsten bronze structure. *Journal of the American Ceramic Society*, **2019**, 102, 4721-4729	3.8	12
150	Eu-substitution-induced commensurate phase with enhanced ferroelectric property in Ba4(EuxLa1−x)2Fe2Nb8O30 multiferroics. *Journal of the American Ceramic Society*, **2019**, 102, 1748-1757	3.8	7
149	Effects of Sr-substitution on structure, dielectric, ferroelectric and magnetic properties of (SrxBa1-x)4Sm2Fe2Nb8O30 ceramics. *Journal of Alloys and Compounds*, **2019**, 770, 143-148	5.7	2
148	First-order phase transition and unexpected rigid rotation mode in hybrid improper ferroelectric (La, Al) co-substituted Ca3Ti2O7 ceramics. *Journal of Materiomics*, **2019**, 5, 618-625	6.7	12
147	(Sr1-xCax)2TiO4 microwave dielectric ceramics with R-P structure (x=0~0.15). *International Journal of Applied Ceramic Technology*, **2019**, 16, 2040-2046	2	5
146	Simultaneously enhanced ferroelectric and magnetic properties in Fe-substituted Ba4Sm2Fe Ti4-2Nb6+O30 ceramics. *Journal of Alloys and Compounds*, **2019**, 775, 1199-1205	5.7	2
145	Symmetry Modulation and Enhanced Multiferroic Characteristics in Bi1-xNdxFeO3 Ceramics. *Advanced Functional Materials*, **2019**, 29, 1806399	15.6	21
144	Electric-field-induced phase transition and pinched P-E hysteresis loops in Pb-free ferroelectrics with a tungsten bronze structure. *NPG Asia Materials*, **2018**, 10, 71-81	10.3	24
143	A Novel Room-Temperature Multiferroic System of Hexagonal Lu1−xInxFeO3. *Advanced Functional Materials*, **2018**, 28, 1706062	15.6	23
142	Crystal structural evolution and hybrid improper ferroelectricity in Ruddlesden-Popper Ca3-xSrxTi2O7 ceramics. *Journal of Applied Physics*, **2018**, 123, 014101	2.5	20
141	Hybrid improper ferroelectricity and multiferroic in Ruddlesden-Popper structures. *Wuli Xuebao/Acta Physica Sinica*, **2018**, 67, 157503	0.6	1

140	CaTiO3 linear dielectric ceramics with greatly enhanced dielectric strength and energy storage density. *Journal of the American Ceramic Society*, **2018**, 101, 1999-2008	3.8	71
139	Relaxor nature in Ba5RZr3Nb7O30 (R=La, Nd, Sm) tetragonal tungsten bronze new system. *Journal of the American Ceramic Society*, **2018**, 101, 1623-1631	3.8	16
138	Hybrid improper ferroelectricity in B-site substituted Ca3Ti2O7: The role of tolerance factor. *Applied Physics Letters*, **2018**, 113, 242904	3.4	18
137	The origin of enhanced magnetodielectric effect in Y3-xYbxFe5O12 ceramics. *Journal of Applied Physics*, **2018**, 124, 194101	2.5	3
136	Ferroelectric transitions and relaxor behavior in Ba4Sm2(Ti1-xZrx)4Ta6O30 tungsten bronze ceramics. *Journal of Applied Physics*, **2018**, 124, 104102	2.5	5
135	Property-structure relationship in lead-free relaxors Ba5RSn3Nb7O30 with tungsten bronze structure. *Applied Physics Letters*, **2018**, 113, 142902	3.4	6
134	Defect dipoles induced high-energy storage density in Mn-doped BST ceramics prepared by spark plasma sintering. *Journal of the American Ceramic Society*, **2018**, 102, 1904	3.8	1
133	Oxygen-vacancy-induced reversible control of ferroelectric polarization in Ba4Eu2Fe2Nb8O30 ceramics. *Journal of Applied Physics*, **2018**, 124, 064105	2.5	2
132	Structural evolution and enhanced microwave dielectric properties in Sr2+/Ti4+ co-substituted SrNd2Al2O7 ceramics. *Journal of Alloys and Compounds*, **2018**, 758, 25-31	5.7	6
131	Effects of B site ions on the relaxor to normal ferroelectric transition crossover in Ba4Sm2Zr4(NbxTa1-x)6O30 tungsten bronze ceramics. *Applied Physics Letters*, **2018**, 112, 262904	3.4	17
130	Readdressing of Magnetoelectric Effect in Bulk BiFeO3. *Advanced Functional Materials*, **2017**, 27, 1604037	15.6	62
129	Magnetic Properties of CeMnCoGeO (0≤x≤2) as a Function of Temperature and Magnetic Field. *Inorganic Chemistry*, **2017**, 56, 2750-2762	5.1	8
128	Ferroelectric and magnetic properties in (1−)BiFeO3−(0.5CaTiO3−0.5SmFeO3) ceramics. *Journal of the American Ceramic Society*, **2017**, 100, 4045-4057	3.8	16
127	Effects of oxygen-deficiency on crystal structure, dielectric and ferroelectric properties in Sr5SmTi3+2xNb7−xO30− with tungsten bronze structure. *RSC Advances*, **2017**, 7, 27370-27376	3.7	11
126	A novel sol–gel route to synthesize (Sr0.5Ba0.5)Nb2O6 ceramics with enhanced electrocaloric effect. *Journal of Advanced Dielectrics*, **2017**, 07, 1750012	1.3	4
125	Crystal structure, ferroelectricity and polar order in a Ba4R2Zr4Nb6O30 (R = La, Nd, Sm) tetragonal tungsten bronze new system. *Journal of Materials Chemistry C*, **2017**, 5, 4009-4016	7.1	39
124	Srn+1TinO3n+1 (n=1, 2) microwave dielectric ceramics with medium dielectric constant and ultra-low dielectric loss. *Journal of the American Ceramic Society*, **2017**, 100, 496-500	3.8	27
123	Electrocaloric effect in relaxor ferroelectric Ba(Ti1-Y)O3-/2 ceramics over a broad temperature range. *Journal of Alloys and Compounds*, **2017**, 729, 57-63	5.7	21

122	Structure evolution and microwave dielectric characteristics of Ca[(Al Ga0.5-Nb0.5)0.5Ti0.5]O3 ceramics. *Journal of Alloys and Compounds*, **2017**, 693, 87-94	5.7	3
121	CoO microspheres and metallic Co evolved from hexagonal Co(OH) plates in a hydrothermal process for lithium storage and magnetic applications. *Physical Chemistry Chemical Physics*, **2017**, 20, 595-604	3.6	14
120	Topological ferroelectricity in layered perovskite LaTaO4: A first principles study. *Solid State Communications*, **2016**, 247, 31-35	1.6	6
119	Giant dielectric response with reduced loss in ceramics with nominal composition of La1.5Sr0.5NiO4-SiO2. *Journal of Electroceramics*, **2016**, 37, 73-78	1.5	3
118	Sr2LaAlTiO7: a new Ruddlesden Popper compound with excellent microwave dielectric properties. *Journal of Materials Chemistry C*, **2016**, 4, 1720-1726	7.1	44
117	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	5.7	17
116	Structure evolution and piezoelectric properties across the morphotropic phase boundary of Sm-substituted BiFeO3 ceramics. *Journal of Applied Physics*, **2016**, 119, 064104	2.5	35
115	Effect of (Sr0.7Ca0.3)TiO3-substitution on structure, dielectric, ferroelectric, and magnetic properties of BiFeO3 ceramics. *Journal of Applied Physics*, **2016**, 119, 204102	2.5	17
114	Structural, dielectric and magnetic properties of Ba3SrLn2Fe2Nb8O30 (Ln La, Nd, Sm) filled tungsten bronze ceramics. *Journal of Alloys and Compounds*, **2016**, 675, 311-316	5.7	16
113	Structural evolution of SrLaAl1 (Zn0.5Ti0.5)xO4 ceramics and effects on their microwave dielectric properties. *Journal of Materials Chemistry C*, **2016**, 4, 4684-4691	7.1	75
112	Structure and microwave dielectric characteristics of Sr(La1 Smx)2Al2O7 ceramics. *RSC Advances*, **2016**, 6, 96229-96236	3.7	12
111	Dielectric Characteristics in BiFeO 3 -Modified SrTiO 3 Incipient Ferroelectric Ceramics. *Chinese Physics Letters*, **2015**, 32, 025201	1.8	3
110	Structural chemistry and magnetic properties of Y2CoGe4O12. *Journal of Solid State Chemistry*, **2015**, 228, 183-188	3.3	6
109	Significantly enhanced ferroelectricity and magnetic properties in (Sr0.5Ca0.5)TiO3-modified BiFeO3 ceramics. *Journal of Applied Physics*, **2015**, 117, 174101	2.5	9
108	Structure and microwave dielectric properties of SrSmAlO4-Sr2TiO4 solid solutions. *Journal of Electroceramics*, **2015**, 34, 114-121	1.5	7
107	Structure and Microwave Dielectric Characteristics of Ca[(Ga1/2Nb1/2)1 Tix]O3 Ceramics. *Journal of the American Ceramic Society*, **2015**, 98, 3185-3191	3.8	9
106	Sr(Ga0.5Nb0.5)1 TixO3 Low-Loss Microwave Dielectric Ceramics with Medium Dielectric Constant. *Journal of the American Ceramic Society*, **2015**, 98, 2534-2540	3.8	31
105	Hybrid improper ferroelectricity in Ruddlesden-Popper Ca3(Ti,Mn)2O7 ceramics. *Applied Physics Letters*, **2015**, 106, 202903	3.4	63

104	Crystal Structure and Infrared Reflection Spectra of SrLn2Al2O7 (Ln = La, Nd, Sm) Microwave Dielectric Ceramics. *International Journal of Applied Ceramic Technology*, **2015**, 12, E33-E40	2	13
103	Dielectric and ferroelectric characteristics of [(Bi0.5Na0.5)0.94Ba0.06]1−xSrxTiO3 ceramics. *Journal of Materials Science: Materials in Electronics*, **2014**, 25, 1517-1526	2.1	11
102	Contribution of oxygen vacancies to the giant dielectric response in Sm1.5Sr0.5NiO4+δ ceramics. *Applied Physics A: Materials Science and Processing*, **2014**, 116, 1421-1427	2.6	4
101	Local Structure Evolution in Ba-Substituted Pb(Fe1/2Nb1/2)O3 Ceramics. *Journal of the American Ceramic Society*, **2014**, 97, 2880-2884	3.8	3
100	Structure and microwave dielectric characteristics of (Sr1−xCax)Nd2Al2O7 ceramics. *Materials Chemistry and Physics*, **2014**, 147, 162-167	4.4	5
99	Giant dielectric response and polaronic hopping in Al-substituted A5/3Sr1/3NiO4 (A=La, Nd) ceramics. *Ceramics International*, **2014**, 40, 5583-5590	5.1	14
98	Electrocaloric effects in spark plasma sintered Ba0.7Sr0.3TiO3-based ceramics: Effects of domain sizes and phase constitution. *Ceramics International*, **2014**, 40, 11269-11276	5.1	54
97	Effects of A1/A2-Sites Occupancy upon Ferroelectric Transition in (SrxBa1−x)Nb2O6 Tungsten Bronze Ceramics. *Journal of the American Ceramic Society*, **2014**, 97, 507-512	3.8	38
96	Giant room-temperature magnetodielectric coupling in spark plasma sintered brownmillerite ceramics. *Applied Physics Letters*, **2014**, 105, 222906	3.4	15
95	Structure Evolution and Enhanced Microwave Dielectric Characteristics of (Sr1−xCax)La2Al2O7 Ceramics. *Journal of the American Ceramic Society*, **2014**, 97, 3531-3536	3.8	15
94	Effects of chemical and hydrostatic pressures on structural, magnetic, and electronic properties of R2NiMnO6 (R=rare-earthion) double perovskites. *Physical Review B*, **2014**, 90,	3.3	30
93	Magnetic, dielectric and transport characteristics of Ln2CoMnO6 (Ln=Nd and Sm) double perovskite ceramics. *Journal of Magnetism and Magnetic Materials*, **2014**, 371, 52-59	2.8	18
92	Effects of Postdensification Annealing upon Microstructures and Microwave Dielectric Characteristics in Ba((Co0.6−x/2Zn0.4−x/2Mgx)1/3Nb2/3)O3 Ceramics. *Journal of the American Ceramic Society*, **2013**, 96, 3417-3424	3.8	29
91	Dielectric, ferroelectric and magnetic properties of Mn-doped LuFeO3 ceramics. *Journal of Applied Physics*, **2013**, 113, 044113	2.5	22
90	Evolution of structure, dielectric properties, and re-entrant relaxor behavior in Ba5LaxSm1−xTi3Nb7O30 (x = 0.1, 0.25, 0.5) tungsten bronze ceramics. *Journal of Applied Physics*, **2013**, 114, 044106	2.5	13
89	Re-entrant relaxor behavior of Ba5RTi3Nb7O30 (R = La, Nd, Sm) tungsten bronze ceramics. *Applied Physics Letters*, **2013**, 102, 112912	3.4	43
88	Effect of excess oxygen on crystal structures and dielectric responses of Nd2NiO4+ ceramics. *Journal of Alloys and Compounds*, **2013**, 579, 502-506	5.7	13
87	Enhanced Electrocaloric Effects in Spark Plasma-Sintered Ba0.65Sr0.35TiO3-Based Ceramics at Room Temperature. *Journal of the American Ceramic Society*, **2013**, 96, 1021-1023	3.8	89

86	Effects of Mg Substitution on Order/disorder Transition, Microstructure, and Microwave Dielectric Characteristics of Ba((Co0.6Zn0.4)1/3Nb2/3)O3 Complex Perovskite Ceramics. *Journal of the American Ceramic Society*, **2013**, 96, 1795-1800	3.8	32
85	Ferroelectric and dielectric properties in Ba5SmFe1□5Nb8□5O30 tungsten bronze ceramics. *Advances in Applied Ceramics*, **2013**, 112, 412-418	2.3	6
84	Dielectric and ferroelectric properties of Ba1−xSrxTiO3 ceramics: effects of grain size and ferroelectric domain. *Advances in Applied Ceramics*, **2013**, 112, 270-276	2.3	14
83	SrLn2Al2O7 (Ln=La, Nd, Sm) Microwave Dielectric Ceramic New Materials. *International Journal of Applied Ceramic Technology*, **2013**, 10, E177-E185	2	16
82	Dielectric and Magnetic Properties of Sr(Fe1/2Ta1/2)O3 Complex Perovskite Ceramics. *Journal of the American Ceramic Society*, **2013**, 96, 1188-1192	3.8	7
81	Relaxor nature in lead-free Sr5LaTi3Nb7O30 tetragonal tungsten bronze ceramics. *Journal of Applied Physics*, **2013**, 114, 124102	2.5	14
80	Preparation, Dielectric, and Magnetic Characteristics of LuFe2O4 Ceramics. *Journal of the American Ceramic Society*, **2013**, 96, 2506-2509	3.8	14
79	Phase Transition Domains in Ca-based Complex Perovskite Dielectric Ceramics. *Journal of the American Ceramic Society*, **2012**, 95, 2979-2988	3.8	5
78	Giant dielectric response in (Sm1−xNdx)1.5Sr0.5NiO4 ceramics: The intrinsic and extrinsic effects. *Journal of Applied Physics*, **2012**, 112, 024104	2.5	13
77	Effects of Ca-substitution on structural, dielectric, and ferroelectric properties of Ba5SmTi3Nb7O30 tungsten bronze ceramics. *Applied Physics Letters*, **2012**, 101, 042906	3.4	32
76	Improved Structure Stability and Multiferroic Characteristics in CaTiO3-Modified BiFeO3 Ceramics. *Journal of the American Ceramic Society*, **2012**, 95, 670-675	3.8	108
75	Structure, magnetic, and dielectric properties of La2Ni(Mn1-xTix)O6 ceramics. *Journal of Applied Physics*, **2012**, 111, 084106	2.5	29
74	Relaxor ferroelectric characteristics of Ba5LaTi3Nb7O30 tungsten bronze ceramics. *Applied Physics Letters*, **2012**, 100, 012902	3.4	37
73	Structure, magnetic, and dielectric characteristics of Ln2NiMnO6 (Ln = Nd and Sm) ceramics. *Journal of Applied Physics*, **2012**, 112, 064104	2.5	38
72	Density functional investigations on electronic structures, magnetic ordering and ferroelectric phase transition in multiferroic Bi2NiMnO6. *AIP Advances*, **2012**, 2, 022115	1.5	12
71	Structure, magnetic and dielectric properties in Mn-substituted Sm1.5Sr0.5NiO4 ceramics. *Journal of Applied Physics*, **2011**, 110, 064110	2.5	9
70	Crystal Structure and Dielectric Properties of Sr5RTi3Nb7O30 (R=La, Nd, Sm, and Eu) Tungsten Bronze Ceramics. *Journal of the American Ceramic Society*, **2011**, 94, 1829-1836	3.8	41
69	Structural Evolution and Its Effects on Dielectric Loss in Sr1+xSm1−xAl1−xTixO4 Microwave Dielectric Ceramics. *Journal of the American Ceramic Society*, **2011**, 94, 2506-2511	3.8	27

68	Structure and Microwave Dielectric Properties of Solid Solution in SrLaAlO4-Sr2TiO4 System. *Journal of the American Ceramic Society*, **2011**, 94, 3948-3952	3.8	28
67	Solubility limits and microwave dielectric properties of Ba6−xSm8+2xTi18O54 solid solution. *Ceramics International*, **2011**, 37, 3575-3581	5.1	8
66	Dielectric relaxation and polaronic hopping in the single-layered perovskite La1.5Sr0.5CoO4 ceramics. *Journal of Materials Science*, **2011**, 46, 6339-6343	4.3	6
65	Structure, dielectric and magnetic properties of Ba6FeNb9O30 tungsten bronze ceramics. *Journal of Materials Science: Materials in Electronics*, **2011**, 22, 866-871	2.1	10
64	Giant dielectric response and mixed-valent structure in the layered-ordered double-perovskite ceramics. *Ceramics International*, **2011**, 37, 2747-2753	5.1	13
63	Giant dielectric constant in Nd2NiO4+δ ceramics obtained by spark plasma sintering. *Ceramics International*, **2011**, 37, 2423-2427	5.1	10
62	Ferroelectric phase transition and low-temperature dielectric relaxations in Sr4(La1−xSmx)2Ti4Nb6O30 ceramics. *Journal of Applied Physics*, **2011**, 110, 114101	2.5	8
61	Crystal Structure and Ferroelectric Behaviors of Ba5SmTi3Ta7O30 and Ba4Sm2Ti4Ta6O30 Tungsten Bronze Ceramics. *Journal of the American Ceramic Society*, **2010**, 93, 782-786	3.8	18
60	Effects of Mg Substitution on Microstructures and Microwave Dielectric Properties of Ba(Zn1/3Nb2/3)O3 Perovskite Ceramics. *Journal of the American Ceramic Society*, **2010**, 93, 787-795	3.8	56
59	Dielectric and Ferroelectric Characteristics of Ba5NdFe1.5Nb8.5O30 Tungsten Bronze Ceramics. *Journal of the American Ceramic Society*, **2010**, 93, 3573-3576	3.8	18
58	Dielectric and magnetic characteristics of LuFeMgO4 ceramics. *Journal of Applied Physics*, **2010**, 108, 084111	2.5	2
57	Structure and dielectric relaxation of double-perovskite La2CuTiO6 ceramics. *Journal of Applied Physics*, **2010**, 107, 124102	2.5	37
56	Room temperature multiferroic Ba4Bi2Fe2Nb8O30: Structural, dielectric, and magnetic properties. *Journal of Applied Physics*, **2010**, 108, 014111	2.5	21
55	Dielectric relaxation and polaronic hopping in Al-substituted Sm1.5Sr0.5NiO4ceramics. *Journal Physics D: Applied Physics*, **2010**, 43, 495402	3	19
54	Dielectric properties of La1.75Ba0.25NiO4 ceramics prepared by spark plasma sintering. *Journal of Alloys and Compounds*, **2010**, 490, 605-608	5.7	16
53	Enhanced giant dielectric response in Al-substituted La1.75Sr0.25NiO4 ceramics. *Journal of Alloys and Compounds*, **2010**, 507, 230-235	5.7	21
52	Dielectric relaxation in LaSrCo1−x Al x O4 ceramics. *Applied Physics A: Materials Science and Processing*, **2010**, 100, 1131-1135	2.6	6
51	Hydrothermal synthesis of NaNbO3 with low NaOH concentration. *Ceramics International*, **2010**, 36, 871-877	2.1	28

50	Multiferroic ceramics in BaO□2O3□e2O3□Nb2O5 system. *Ceramics International*, **2010**, 36, 2415-2420	5.1	21
49	Effects of Ba substitution on structure and dielectric response of Bi2Mn4O10 ceramics. *Materials Chemistry and Physics*, **2010**, 121, 326-329	4.4	6
48	Structure and modified giant dielectric response in CaCu3(Ti1□Snx)4O12 ceramics. *Materials Chemistry and Physics*, **2010**, 124, 982-986	4.4	40
47	Giant dielectric response and polaronic hopping in charge-ordered ceramics. *Solid State Communications*, **2010**, 150, 1794-1797	1.6	12
46	Ba[(Fe0.9Al0.1)0.5Ta0.5]O3 ceramics with extended giant dielectric constant step and reduced dielectric loss. *Journal of Applied Physics*, **2009**, 105, 034114	2.5	12
45	Low Temperature Synthesis of ZnNb2O6 Fine Powders by Wet-Chemical Processes. *Ferroelectrics*, **2009**, 388, 114-119	0.6	3
44	Ferroelectric phase transition and low-temperature structure fluctuations in Ba4Nd2Ti4Nb6O30 tungsten bronze ceramics. *Journal of Applied Physics*, **2009**, 105, 124110	2.5	39
43	Giant Dielectric Response up to High Frequency in Sm1.75Sr0.25NiO4 Ceramics. *Ferroelectrics*, **2009**, 388, 161-166	0.6	6
42	Relaxor-like dielectric behavior in La2NiMnO6 double perovskite ceramics. *Solid State Communications*, **2009**, 149, 784-787	1.6	126
41	Temperature-stable giant dielectric response in orthorhombic samarium strontium nickelate ceramics. *Journal of Applied Physics*, **2009**, 105, 054104	2.5	32
40	Raman spectra analysis for Ca(B1/3?B2/3?)O3-based complex perovskite ceramics. *Journal of Applied Physics*, **2008**, 104, 104108	2.5	20
39	Hydrothermal derived barium niobate ultra-fine powders and nanowires. *Journal of Alloys and Compounds*, **2008**, 453, 463-469	5.7	9
38	Structural Dependence of Microwave Dielectric Properties of SrRAlO4 (R = Sm, Nd, La) Ceramics: Crystal Structure Refinement and Infrared Reflectivity Study. *Chemistry of Materials*, **2008**, 20, 4092-4098	9.6	77
37	Dielectric relaxations, ultrasonic attenuation, and their structure dependence in Sr4(LaxNd1-x)2Ti4Nb6O30 tungsten bronze ceramics. *Journal of Materials Research*, **2008**, 23, 3112-3121	2.5	21
36	Giant dielectric response in two-dimensional charge-ordered nickelate ceramics. *Journal of Applied Physics*, **2008**, 104, 054114	2.5	52
35	Stability and microwave dielectric characteristics of (Ca1□ Sr x)LaAlO4 ceramics. *Journal of Electroceramics*, **2008**, 21, 154-159	1.5	13
34	Structures and electrical conductivity of CaNdFeO4 ceramics. *Journal of Electroceramics*, **2008**, 21, 487-490	1.5	2
33	Microstructures and electric characteristics of SrNdCoO4 ceramics with K2NiF4 structure. *Journal of Electroceramics*, **2008**, 21, 706-710	1.5	3

32	High dielectric constant in (1 x)SrTiO3/xCuO composite ceramics. *Journal of Electroceramics*, **2008**, 21, 757-760	1.5	2
31	Structure and microwave dielectric characteristics of Ca1 Nd2x/3TiO3 ceramics. *Journal of the European Ceramic Society*, **2008**, 28, 585-590	6	44
30	Microstructure and Microwave Dielectric Properties of (1)Ca(Mg1/3Ta2/3)O3/xCaTiO3 Ceramics. *Journal of the American Ceramic Society*, **2008**, 91, 1163-1168	3.8	48
29	Cation Ordering and Domain Boundaries in Ca[(Mg1/3Ta2/3)1 Tix]O3 Microwave Dielectric Ceramics. *Journal of the American Ceramic Society*, **2008**, 91, 2581-2587	3.8	6
28	Upper limit of x in Ba6 xNd8+2xTi18O54 new tungsten bronze solid solution. *Journal of the European Ceramic Society*, **2007**, 27, 3011-3016	6	15
27	Thermal Expansion and High-Temperature Phase Transition of Ba6 xLn8+2xTi18O54 (Ln=La, Nd, and Sm) Ceramics. *Journal of the American Ceramic Society*, **2007**, 90, 2912-2917	3.8	10
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