Xiang Ming Chen

List of Publications by Citations

266 papers	5,107 citations	38 h-index	55 g-index
274 ext. papers	5,856 ext. citations	3.8 avg, IF	6.13 L-index

#	Paper	IF	Citations
266	Enhanced energy storage density of Ba0.4Sr0.6TiO3–MgO composite prepared by spark plasma sintering. *Journal of the European Ceramic Society*, **2015**, 35, 1469-1476	6	174
265	Near room-temperature multiferroic materials with tunable ferromagnetic and electrical properties. *Nature Communications*, **2014**, 5, 4021	17.4	127
264	Enhancement of Giant Dielectric Response in CaCu3Ti4O12 Ceramics by Zn Substitution. *Journal of the American Ceramic Society*, **2010**, 93, 184-189	3.8	117
263	Improved Structure Stability and Multiferroic Characteristics in CaTiO3-Modified BiFeO3 Ceramics. *Journal of the American Ceramic Society*, **2012**, 95, 670-675	3.8	108
262	Dielectric, Ferromagnetic Characteristics, and Room-Temperature Magnetodielectric Effects in Double Perovskite La2CoMnO6 Ceramics. *Journal of the American Ceramic Society*, **2011**, 94, 782-787	3.8	99
261	Relaxorlike dielectric behavior and weak ferromagnetism in YFeO3 ceramics. *Journal of Applied Physics*, **2008**, 103, 124111	2.5	95
260	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
259	Modification of MgAl2O4 Microwave Dielectric Ceramics by Zn Substitution. *Journal of the American Ceramic Society*, **2007**, 90, 1483-1486	3.8	82
258	Effects of Mg/Si Ratio on Microwave Dielectric Characteristics of Forsterite Ceramics. *Journal of the American Ceramic Society*, **2007**, 90, 1808-1811	3.8	80
257	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
256	Structural evolution of SrLaAl1−x(Zn0.5Ti0.5)xO4 ceramics and effects on their microwave dielectric properties. *Journal of Materials Chemistry C*, **2016**, 4, 4684-4691	7.1	75
255	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
254	Ferroelectric Transition and Low-Temperature Dielectric Relaxations in Filled Tungsten Bronzes. *Journal of the American Ceramic Society*, **2014**, 97, 329-338	3.8	67
253	Dielectric Ceramics with Tungsten-bronze Structure in the BaO–Nd2O3–TiO2–Nb2O5 System. *Journal of Materials Research*, **2002**, 17, 1664-1670	2.5	67
252	Hybrid improper ferroelectricity in Ruddlesden-Popper Ca3(Ti,Mn)2O7 ceramics. *Applied Physics Letters*, **2015**, 106, 202903	3.4	63
251	Readdressing of Magnetoelectric Effect in Bulk BiFeO3. *Advanced Functional Materials*, **2017**, 27, 1604037	15.6	62
250	A- and B Site Cosubstituted Ba6−3xSm8+2xTi18O54Microwave Dielectric Ceramics. *Journal of the American Ceramic Society*, **2004**, 85, 579-584	3.8	59

249	Dielectric anomalies in (BaxSr1−x)4Nd2Ti4Nb6O30 ceramics with various radius differences between A1- and A2-site ions. *Applied Physics Letters*, **2007**, 91, 162906	3.4	58
248	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
247	From core–shell Ba0.4Sr0.6TiO3@SiO2 particles to dense ceramics with high energy storage performance by spark plasma sintering. *Journal of Materials Chemistry A*, **2018**, 6, 4477-4484	13	55
246	Preparation and microwave dielectric properties of cristobalite ceramics. *Ceramics International*, **2012**, 38, 4511-4515	5.1	53
245	Dielectric relaxations of yttrium iron garnet ceramics over a broad temperature range. *Applied Physics Letters*, **2007**, 91, 092912	3.4	53
244	Giant dielectric response in two-dimensional charge-ordered nickelate ceramics. *Journal of Applied Physics*, **2008**, 104, 054114	2.5	52
243	Enhanced dielectric and ferroelectric characteristics in Ca-modified BaTiO3 ceramics. *AIP Advances*, **2013**, 3, 082125	1.5	49
242	Microstructure and Microwave Dielectric Properties of (1−x)Ca(Mg1/3Ta2/3)O3/xCaTiO3 Ceramics. *Journal of the American Ceramic Society*, **2008**, 91, 1163-1168	3.8	48
241	Effects of oxygen vacancies on dielectric, electrical, and ferroelectric properties of Ba4Nd2Fe2Nb8O30 ceramics. *Applied Physics Letters*, **2014**, 104, 082912	3.4	45
240	Sr2LaAlTiO7: a new Ruddlesden–Popper compound with excellent microwave dielectric properties. *Journal of Materials Chemistry C*, **2016**, 4, 1720-1726	7.1	44
239	Microstructures and Microwave Dielectric Characteristics of CaRAlO4 (R = Nd, Sm, Y) Ceramics with Tetragonal K2NiF4 Structure. *Journal of the American Ceramic Society*, **2005**, 87, 2143-2146	3.8	44
238	Origin of the magnetization and compensation temperature in rare-earth orthoferrites and orthochromates. *Physical Review B*, **2016**, 93,	3.3	43
237	Re-entrant relaxor behavior of Ba5RTi3Nb7O30 (R = La, Nd, Sm) tungsten bronze ceramics. *Applied Physics Letters*, **2013**, 102, 112912	3.4	43
236	Plastic deformation and effects of water in room-temperature cold sintering of NaCl microwave dielectric ceramics. *Journal of the American Ceramic Society*, **2018**, 101, 4038-4043	3.8	41
235	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
234	Thermal hysteresis of ferroelectric transition in Sr4R2Ti4Nb6O30 (R=Sm and Eu) tetragonal tungsten bronzes. *Applied Physics Letters*, **2010**, 96, 032901	3.4	41
233	Tungsten bronze type dielectrics in SrO-Sm2O3-TiO2-Nb2O5 system and their dielectric anomaly. *Journal of Applied Physics*, **2004**, 96, 7435-7439	2.5	41
232	Atomistic theory of hybrid improper ferroelectricity in perovskites. *Physical Review B*, **2014**, 89,	3.3	40

231	SrLnAlO4 (Ln=Nd and Sm) Microwave Dielectric Ceramics **2003**, 10, 111-115		40
230	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
229	Ferroelectric phase transition and low-temperature structure fluctuations in Ba4Nd2Ti4Nb6O30 tungsten bronze ceramics. *Journal of Applied Physics*, **2009**, 105, 124110	2.5	39
228	Effects of A1/A2-Sites Occupancy upon Ferroelectric Transition in (SrxBa1□)Nb2O6 Tungsten Bronze Ceramics. *Journal of the American Ceramic Society*, **2014**, 97, 507-512	3.8	38
227	B2O3-modified fused silica microwave dielectric materials with ultra-low dielectric constant. *Journal of the European Ceramic Society*, **2015**, 35, 1799-1805	6	38
226	Dielectric ceramics in the BaO-Sm2O3-TiO2-Ta2O5 quaternary system. *Journal of Materials Research*, **2000**, 15, 125-129	2.5	38
225	Hybrid Improper Ferroelectricity in Multiferroic Superlattices: Finite-Temperature Properties and Electric-Field-Driven Switching of Polarization and Magnetization. *Advanced Functional Materials*, **2015**, 25, 3626-3633	15.6	37
224	Structure and dielectric relaxation of double-perovskite La2CuTiO6 ceramics. *Journal of Applied Physics*, **2010**, 107, 124102	2.5	37
223	Relaxor ferroelectric characteristics of Ba5LaTi3Nb7O30 tungsten bronze ceramics. *Applied Physics Letters*, **2012**, 100, 012902	3.4	37
222	Improper electric polarization in simple perovskite oxides with two magnetic sublattices. *Nature Communications*, **2017**, 8, 14025	17.4	36
221	Microstructures and Microwave Dielectric Characteristics of Ca(Zn1/3Nb2/3)O3 Complex Perovskite Ceramics. *Journal of the American Ceramic Society*, **2004**, 87, 2208-2212	3.8	36
220	Effects of Nd-substitution on microstructures and dielectric characteristics of CaCu3Ti4O12 ceramics. *Journal of Materials Science: Materials in Electronics*, **2011**, 22, 345-350	2.1	35
219	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
218	Bismuth/Samarium Cosubstituted Ba6□xNd8+2xTi18O54 Microwave Dielectric Ceramics. *Journal of the American Ceramic Society*, **2004**, 83, 1837-1839	3.8	34
217	A thermodynamic potential, energy storage performances, and electrocaloric effects of Ba1-xSrxTiO3 single crystals. *Applied Physics Letters*, **2018**, 112, 102901	3.4	32
216	Creating multiferroics with large tunable electrical polarization from paraelectric rare-earth orthoferrites. *Journal of Physics Condensed Matter*, **2014**, 26, 472201	1.8	32
215	Effects of Ca-substitution on structural, dielectric, and ferroelectric properties of Ba5SmTi3Nb7O30 tungsten bronze ceramics. *Applied Physics Letters*, **2012**, 101, 042906	3.4	32
214	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

213	Temperature-stable giant dielectric response in orthorhombic samarium strontium nickelate ceramics. *Journal of Applied Physics*, **2009**, 105, 054104	2.5	32
212	Sr(Ga0.5Nb0.5)1−xTixO3 Low-Loss Microwave Dielectric Ceramics with Medium Dielectric Constant. *Journal of the American Ceramic Society*, **2015**, 98, 2534-2540	3.8	31
211	Synthesis and Dielectric Properties of Layer-structured Compounds An−1Bi4TinO3n+3 (A = Ba, Sr, Ca) with n > 4. *Journal of Materials Research*, **2005**, 20, 2354-2359	2.5	31
210	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
209	Enhanced energy storage density and its variation tendency in CaZrxTi1−xO3 ceramics. *Journal of Alloys and Compounds*, **2016**, 688, 687-691	5.7	29
208	Effects of Postdensification Annealing upon Microstructures and Microwave Dielectric Characteristics in Ba((Co0.6x/2Zn0.4x/2Mgx)1/3Nb2/3)O3 Ceramics. *Journal of the American Ceramic Society*, **2013**, 96, 3417-3424	3.8	29
207	Structures and microwave dielectric properties of Ba6−3x(Nd,Biy)8+2xTi18O54x = 2/3) solid solution. *Journal of Materials Research*, **2001**, 16, 1734-1738	2.5	29
206	Microwave Dielectric Properties of Fused Silica Prepared by Different Approaches. *International Journal of Applied Ceramic Technology*, **2014**, 11, 193-199	2	28
205	Magnetodielectric effects of Y3Fe5−xTixO12+x/2 ceramics. *Applied Physics Letters*, **2012**, 100, 052902	3.4	28
204	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
203	Structure and Microwave Dielectric Characteristics of Ca1+xNd1−xAl1−xTixO4 Ceramics. *Journal of the American Ceramic Society*, **2009**, 92, 2286-2290	3.8	28
202	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
201	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
200	Enhanced ferroelectric properties in Bi0.86Sm0.14FeO3-based ceramics. *Applied Physics Letters*, **2014**, 105, 192902	3.4	25
199	Formation mechanism of NaNbO3 powders during hydrothermal synthesis. *Journal of Materials Science: Materials in Electronics*, **2010**, 21, 450-455	2.1	25
198	Analysis of Infrared Reflection Spectra of (Mg1−xZnx)Al2O4 Microwave Dielectric Ceramics. *Journal of the American Ceramic Society*, **2008**, 91, 490-493	3.8	25
197	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
196	Effects of Al Substitution on Dielectric Response and Magnetic Behavior of Yttrium Iron Garnet Ceramics. *Journal of the American Ceramic Society*, **2012**, 95, 1671-1675	3.8	24

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194	Dielectric relaxation mechanisms of BiMn2O5 ceramics. *Journal of Applied Physics*, **2009**, 105, 054109	2.5	24
193	Sol□Gel Preparation of BaTi4O9 and Ba2Ti9O20. *Journal of the American Ceramic Society*, **2001**, 84, 669-671	3.8	24
192	A Novel Room-Temperature Multiferroic System of Hexagonal Lu1−xInxFeO3. *Advanced Functional Materials*, **2018**, 28, 1706062	15.6	23
191	Polyvinylidene fluoride-modified BaTiO3 composites with high dielectric constant and temperature stability. *Ceramics International*, **2013**, 39, S3-S7	5.1	23
190	Effects of Ca/Ti Cosubstitution upon Microwave Dielectric Characteristics of CaSmAlO4 Ceramics. *Journal of the American Ceramic Society*, **2009**, 92, 433-438	3.8	23
189	Characterization of MgTiO3□CaTiO3-Layered Microwave Dielectric Resonators with TE01□Mode. *Journal of the American Ceramic Society*, **2006**, 89, 557-561	3.8	22
188	Room temperature multiferroic Ba4Bi2Fe2Nb8O30: Structural, dielectric, and magnetic properties. *Journal of Applied Physics*, **2010**, 108, 014111	2.5	21
187	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
186	Dense YMn2O5 Ceramics Prepared by Spark Plasma Sintering. *Journal of the American Ceramic Society*, **2008**, 91, 3728-3730	3.8	21
185	Dielectric characteristics and diffuse ferroelectric phase transition in Sr4La2Ti4Nb6O30 tungsten bronze ceramics. *Journal of Materials Research*, **2006**, 21, 1787-1792	2.5	21
184	Symmetry Modulation and Enhanced Multiferroic Characteristics in Bi1-xNdxFeO3 Ceramics. *Advanced Functional Materials*, **2019**, 29, 1806399	15.6	21
183	Crystal structural evolution and hybrid improper ferroelectricity in Ruddlesden-Popper Ca3-xSrxTi2O7 ceramics. *Journal of Applied Physics*, **2018**, 123, 014101	2.5	20
182	Ferroelectric Transition of Sr5SmTi3Nb7O30 Tungsten Bronze Ceramics Investigated Using Differential Scanning Calorimetry and Raman Scattering. *Journal of the American Ceramic Society*, **2012**, 95, 3185-3191	3.8	20
181	Transparent Barium Strontium Titanate Ceramics Prepared by Spark Plasma Sintering. *Journal of the American Ceramic Society*, **2011**, 94, 1343-1345	3.8	20
180	Room-temperature-densified H3BO3 microwave dielectric ceramics with ultra-low permittivity and ultra-high Qf value. *Journal of Materiomics*, **2020**, 6, 233-239	6.7	18
179	Effect of A-Site Ionic Radius on the Structure and Microwave Dielectric Characteristics of Sr1+xSm1−xAl1−xTixO4 Ceramics. *International Journal of Applied Ceramic Technology*, **2010**, 7, E156-E162	2	18
178	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

177	Dielectric and Ferroelectric Characteristics of Ba5NdFe1.5Nb8.5O30 Tungsten Bronze Ceramics. *Journal of the American Ceramic Society*, **2010**, 93, 3573-3576	3.8	18
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175	Hybrid improper ferroelectricity in B-site substituted Ca3Ti2O7: The role of tolerance factor. *Applied Physics Letters*, **2018**, 113, 242904	3.4	18
174	Microstructures and multiferroic properties of YFe1 Mn x O3 ceramics prepared by spark plasma sintering. *Journal of Materials Science: Materials in Electronics*, **2010**, 21, 838-843	2.1	17
173	Adhesive-Bonded Ca(Mg1/3Nb2/3)O3/Ba(Zn1/3Nb2/3)O3 Layered Dielectric Resonators with Tunable Temperature Coefficient of Resonant Frequency. *Journal of the American Ceramic Society*, **2006**, 89, 544-549	3.8	17
172	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
171	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
170	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
169	Incommensurate and commensurate modulations of Ba5RTi3Nb7O30 (R = La, Nd) tungsten bronzes and the ferroelectric domain structures. *Journal of Applied Physics*, **2015**, 117, 134108	2.5	16
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167	Phase transition hysteresis of ferroelectric Sr5EuTi3Nb7O30 ceramics with tetragonal tungsten bronze structure. *Journal of Applied Physics*, **2012**, 111, 044104	2.5	16
166	Terfenol-D/Pb(Zr,Ti)O3 Disk-Ring Multiferroic Heterostructures Coupled Through Normal Stresses. *Applied Physics A: Materials Science and Processing*, **2010**, 98, 761-764	2.6	16
165	Microstructures and Microwave Dielectric Properties of the CaSmAlO4-Based Ceramics. *Journal of the American Ceramic Society*, **2008**, 91, 2917-2922	3.8	16
164	Preparation of Ba6 xNd8+2xTi18O54 via Ethylenediaminetetraacetic Acid Precursor. *Journal of the American Ceramic Society*, **2004**, 83, 2893-2895	3.8	16
163	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
162	SrLa(R0.5Ti0.5)O4 (R=Mg, Zn) microwave dielectric ceramics with complex K2NiF4-type layered perovskite structure. *Journal of the American Ceramic Society*, **2017**, 100, 2582-2589	3.8	15
161	Crystal structures, dielectric properties, and phase transition in hybrid improper ferroelectric Sr3Sn2O7-based ceramics. *Journal of Applied Physics*, **2019**, 125, 044101	2.5	15
160	Effects of water content during cold sintering process of NaCl ceramics. *Journal of Alloys and Compounds*, **2019**, 787, 352-357	5.7	15

159	Giant room-temperature magnetodielectric coupling in spark plasma sintered brownmillerite ceramics. *Applied Physics Letters*, **2014**, 105, 222906	3.4	15
158	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
157	Dielectric and ferroelectric characteristics of Ba4Pr2Fe2Nb8O30 tungsten bronze ceramics. *Materials Chemistry and Physics*, **2016**, 181, 47-53	4.4	14
156	Determination of 1:2 Ordered Domain Boundaries in Ba[(Co, Zn, Mg)1/3Nb2/3]O3 Dielectric Ceramics. *Journal of the American Ceramic Society*, **2016**, 99, 1299-1304	3.8	14
155	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
154	Relaxor nature in lead-free Sr5LaTi3Nb7O30 tetragonal tungsten bronze ceramics. *Journal of Applied Physics*, **2013**, 114, 124102	2.5	14
153	Preparation, Dielectric, and Magnetic Characteristics of LuFe2O4 Ceramics. *Journal of the American Ceramic Society*, **2013**, 96, 2506-2509	3.8	14
152	Improvement of Microwave Dielectric Characteristics in SrLaAlO4 Ceramics by Ca Substitution. *Journal of the American Ceramic Society*, **2010**, 93, 4066-4070	3.8	14
151	Cold sintering and microwave dielectric properties of dense HBO2-II ceramics. *Journal of the American Ceramic Society*, **2019**, 102, 5934-5940	3.8	13
150	Structure and microwave dielectric properties of Ba[(Mg 1− Ni x) 1/3 Nb 2/3]O 3 ceramics. *Materials Research Bulletin*, **2015**, 72, 291-298	5.1	13
149	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
148	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
147	Stability and microwave dielectric characteristics of (Ca1− Sr x)LaAlO4 ceramics. *Journal of Electroceramics*, **2008**, 21, 154-159	1.5	13
146	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
145	Enhanced hybrid improper ferroelectricity in Sr3−xBaxSn2O7 ceramics with a Ruddlesden–Popper (R–P) structure. *Applied Physics Letters*, **2020**, 116, 042903	3.4	12
144	Effects of structural transition on microwave dielectric properties of Sr3(Ti1-Sn)2O7 ceramics. *Journal of the European Ceramic Society*, **2019**, 39, 4794-4799	6	12
143	Spark Plasma Sintering of Barium Zirconate Titanate/Carbon Nanotube Composites with Colossal Dielectric Constant and Low Dielectric Loss. *Journal of the American Ceramic Society*, **2011**, 94, 663-665	3.8	12
142	Synthesis and dielectric characteristics of La0.5Bi0.5MnO3 ceramics. *Applied Physics A: Materials Science and Processing*, **2009**, 97, 191-194	2.6	12

141	Toughening of 8Y-FSZ Ceramics by Neodymium Titanate Secondary Phase. *Journal of the American Ceramic Society*, **2005**, 88, 456-458	3.8	12
140	Ferroelectric properties and polarization dynamics in Ba4Sm2Ti4Ta6O30 tungsten bronze ceramics. *Applied Physics Letters*, **2016**, 108, 152903	3.4	12
139	Structure and microwave dielectric characteristics of Sr(La1−xSmx)2Al2O7 ceramics. *RSC Advances*, **2016**, 6, 96229-96236	3.7	12
138	Effects of oxygen-deficiency on crystal structure, dielectric and ferroelectric properties in Sr5SmTi3+2xNb7−xO30−δ with tungsten bronze structure. *RSC Advances*, **2017**, 7, 27370-27376	3.7	11
137	Densification and microwave dielectric properties of Ca1.15Sm0.85Al0.85Ti0.15O4 ceramics with B2O3 addition. *Journal of Alloys and Compounds*, **2015**, 653, 351-357	5.7	11
136	Structure and microwave dielectric properties of SrLa[Al1−x(Mg0.5Ti0.5)x]O4 (x = 0.2−0.8) ceramics. *Ceramics International*, **2018**, 44, 1984-1990	5.1	11
135	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
134	Frequency-Dependent Qf Value of Microwave Dielectric Ceramics. *Journal of the American Ceramic Society*, **2014**, 97, 3041-3043	3.8	11
133	Effects of Postdensification Annealing on Microwave Dielectric Properties of Ba([Mg1−xCox]1/3Nb2/3)O3 Ceramics. *International Journal of Applied Ceramic Technology*, **2013**, 10, E210-E218	2	11
132	Effects of Stacking Scheme on Microwave Dielectric Characteristics of Ca(Mg1/3Nb2/3)O3–Ba(Zn1/3Nb2/3)O3 Layered Dielectric Resonators. *Journal of the American Ceramic Society*, **2006**, 89, 2514-2520	3.8	11
131	Dielectric and Ferroelectric Characterization of Na(Ta,Nb)O3 Solid Solution Ceramics. *Journal of Electroceramics*, **2005**, 15, 21-26	1.5	11
130	Hybrid improper ferroelectricity and possible ferroelectric switching paths in Sr3Hf2O7. *Journal of Applied Physics*, **2019**, 125, 114105	2.5	10
129	Infrared Reflectivity Spectra and Microwave Dielectric Properties of (Sr1−xCax)SmAlO4 (0≤x≤1) Ceramics. *International Journal of Applied Ceramic Technology*, **2011**, 8, 1023-1030	2	10
128	Structure, dielectric and magnetic properties of Ba6FeNb9O30 tungsten bronze ceramics. *Journal of Materials Science: Materials in Electronics*, **2011**, 22, 866-871	2.1	10
127	EFFECTS OF ORDERING DOMAIN STRUCTURE ON DIELECTRIC PROPERTIES OF DOUBLE PEROVSKITE La2NiMnO6. *Journal of Advanced Dielectrics*, **2011**, 01, 319-324	1.3	10
126	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
125	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
124	Conductive, dielectric and magnetic properties of Y-substituted LaFeO3 ceramics. *Journal of Alloys and Compounds*, **2019**, 792, 665-672	5.7	9

123	Significantly enhanced ferroelectricity and magnetic properties in (Sr0.5Ca0.5)TiO3-modified BiFeO3 ceramics. *Journal of Applied Physics*, **2015**, 117, 174101	2.5	9
122	Structure and Microwave Dielectric Characteristics of Ca[(Ga1/2Nb1/2)1−xTix]O3 Ceramics. *Journal of the American Ceramic Society*, **2015**, 98, 3185-3191	3.8	9
121	Structure, magnetic and dielectric properties in Mn-substituted Sm1.5Sr0.5NiO4 ceramics. *Journal of Applied Physics*, **2011**, 110, 064110	2.5	9
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