Liang Fang

List of Publications by Year in descending order

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441 papers	11,697 citations	31976 53 h-index	64796 79 g-index
446 all docs	446 docs citations	446 times ranked	7840 citing authors

#	Article	IF	Citations
1	Enhanced Photocatalytic Activity and Ferromagnetism in Gd Doped BiFeO₃ Nanoparticles. Journal of Physical Chemistry C, 2010, 114, 21390-21396.	3.1	353
2	One-pot pyridine-assisted synthesis of visible-light-driven photocatalyst Ag/Ag3PO4. Applied Catalysis B: Environmental, 2012, 115-116, 245-252.	20.2	218
3	A single-molecule magnet assembly exhibiting a dielectric transition at 470 K. Chemical Science, 2012, 3, 3366.	7.4	175
4	Highly efficient and stable Ag/Ag3PO4 plasmonic photocatalyst in visible light. Catalysis Communications, 2012, 17, 200-204.	3.3	174
5	Enhancing ferroelectric photovoltaic effect by polar order engineering. Science Advances, 2018, 4, eaat3438.	10.3	152
6	Inverse opal structured Ag/TiO₂plasmonic photocatalyst prepared by pulsed current deposition and its enhanced visible light photocatalytic activity. Journal of Materials Chemistry A, 2014, 2, 824-832.	10.3	133
7	Li2AGeO4 (A = Zn, Mg): Two novel low-permittivity microwave dielectric ceramics with olivine structure. Journal of the European Ceramic Society, 2018, 38, 1524-1528.	5.7	124
8	Space-charge relaxation and electrical conduction inÂK0.5Na0.5NbO3 at high temperatures. Applied Physics A: Materials Science and Processing, 2011, 104, 1047-1051.	2.3	119
9	Average vs. local structure and composition-property phase diagram of K0.5Na0.5NbO3-BiÂ½NaÂ½TiO3 system. Journal of the European Ceramic Society, 2017, 37, 1387-1399.	5.7	118
10	Enhancement of magnetization in Eu doped BiFeO3 nanoparticles. Applied Physics Letters, 2009, 95, .	3.3	116
11	Experimental and theoretical evidence of enhanced ferromagnetism in sonochemical synthesized BiFeO3 nanoparticles. Applied Physics Letters, 2010, 97, .	3.3	113
12	Ultralow Loss CaMgGeO₄ Microwave Dielectric Ceramic and Its Chemical Compatibility with Silver Electrodes for Low-Temperature Cofired Ceramic Applications. ACS Sustainable Chemistry and Engineering, 2018, 6, 6458-6466.	6.7	109
13	Large strain response based on relaxor-antiferroelectric coherence in Bi0.5Na0.5TiO3â€“SrTiO3â€“(K0.5Na0.5)NbO3 solid solutions. Journal of Applied Physics, 2014, 116, .	2.5	104
14	ZnLi2/3Ti4/3O4: A new low loss spinel microwave dielectric ceramic. Journal of the European Ceramic Society, 2012, 32, 261-265.	5.7	102
15	Effects of postanneal conditions on the dielectric properties of CaCu3Ti4O12 thin films prepared on Pt/Ti/SiO2/Si substrates. Journal of Applied Physics, 2004, 95, 6483-6485.	2.5	96
16	Effects of Na/K evaporation on electrical properties and intrinsic defects in Na0.5K0.5NbO3 ceramics. Materials Chemistry and Physics, 2009, 117, 138-141.	4.0	96
17	Efficient and Stable Silicon Photocathodes Coated with Vertically Standing Nano-MoS₂ Films for Solar Hydrogen Production. ACS Applied Materials & Interfaces, 2017, 9, 6123-6129.	8.0	96
18	Novel Lowâ€Firing Microwave Dielectric Ceramic <scp><scp>LiCa</scp></scp>₃<scp><scp>MgV</scp></scp>₃<scp><scp>O</scp></scp>₁₂ with Low Dielectric Loss. Journal of the American Ceramic Society, 2013, 96, 688-690.	3.8	96

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19	Above 1% efficiency of a ferroelectric solar cell based on the Pb(Zr,Ti)O₃film. Journal of Materials Chemistry A, 2014, 2, 1363-1368.	10.3	94
20	Magnetically separable BiFeO3 nanoparticles with a Î³-Fe2O3 parasitic phase: controlled fabrication and enhanced visible-light photocatalytic activity. Journal of Materials Chemistry, 2011, 21, 18645.	6.7	88
21	A novel low-firing microwave dielectric ceramic Li 2 ZnGe 3 O 8 with cubic spinel structure. Journal of the European Ceramic Society, 2017, 37, 625-629.	5.7	88
22	Pr 3 + photoluminescence in ferroelectric (Ba0.77Ca0.23)TiO3 ceramics: Sensitive to polarization and phase transitions. Applied Physics Letters, 2008, 92, .	3.3	86
23	Separation of the Schottky barrier and polarization effects on the photocurrent of Pt sandwiched Pb(Zr0.20Ti0.80)O3 films. Applied Physics Letters, 2008, 93, 172101.	3.3	85
24	Solâ€“Gel Synthesis and Photoâ€Fentonâ€Like Catalytic Activity of EuFeO₃ Nanoparticles. Journal of the American Ceramic Society, 2011, 94, 3418-3424.	3.8	85
25	In situ ion-exchange synthesis of SnS₂/g-C₃N₄ nanosheets heterojunction for enhancing photocatalytic activity. RSC Advances, 2016, 6, 10802-10809.	3.6	85
26	A3Y2Ge3O12 (A = Ca, Mg): Two novel microwave dielectric ceramics with contrasting Ï„ and Q Ã— f. Journal of the European Ceramic Society, 2020, 40, 3989-3995.	5.7	85
27	Dielectric and nonlinear currentâ€“voltage characteristics of rareâ€“earth doped CaCu3Ti4O12 ceramics. Journal of Applied Physics, 2011, 110, .	2.5	84
28	Frequency and temperature dependent dielectric and conductivity behavior of 0.95(K0.5Na0.5)NbO3â€“0.05BaTiO3 ceramic. Materials Chemistry and Physics, 2011, 126, 769-772.	4.0	81
29	Dielectric relaxation behavior and mechanism of Y 2/3 Cu 3 Ti 4 O 12 ceramic. Materials Research Bulletin, 2017, 88, 320-329.	5.2	78
30	Deposition and dielectric properties of CaCu3Ti4O12 thin films on Pt/Ti/SiO2/Si substrates using pulsed-laser deposition. Thin Solid Films, 2003, 440, 60-65.	1.8	76
31	Switchable photovoltaic response from polarization modulated interfaces in BiFeO3 thin films. Applied Physics Letters, 2014, 104, .	3.3	76
32	Polaron relaxation and non-ohmic behavior in CaCu3Ti4O12 ceramics with different cooling methods. Materials Chemistry and Physics, 2013, 139, 844-850.	4.0	74
33	Giant dielectric response and charge compensation of Li- and Co-doped NiO ceramics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 673-677.	3.5	73
34	Oxygen-vacancy-related high-temperature dielectric relaxation and electrical conduction in 0.95K0.5Na0.5NbO3â€“0.05BaZrO3 ceramic. Physica B: Condensed Matter, 2012, 407, 136-139.	2.7	72
35	Thermally Stable BaTiO₃â€Bi(Mg_{2/3}Nb_{1/3})O₃ Solid Solution with High Relative Permittivity in a Broad Temperature Usage Range. Journal of the American Ceramic Society, 2015, 98, 804-810.	3.8	70
36	Microwave dielectric properties and low temperature sintering behavior of Li2CoTi3O8 ceramic. Journal of Alloys and Compounds, 2011, 509, 1880-1884.	5.5	66

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37	The phase diagram of K_{0.5}Na_{0.5}NbO₃â€“Bi_{1/2}Na_{1/2}TiO₃4.5 Journal of Applied Crystallography, 2016, 49, 574-584.		
38	Synthesis and properties of CaCd2Sb2 and EuCd2Sb2. Intermetallics, 2010, 18, 193-198.	3.9	65
39	Enhanced piezoelectric and ferroelectric properties in the BaZrO3 substituted BiFeO3-PbTiO3. Applied Physics Letters, 2013, 102, .	3.3	64
40	Carbon quantum dots coated BiVO4 inverse opals for enhanced photoelectrochemical hydrogen generation. Applied Physics Letters, 2015, 106, .	3.3	64
41	Enhanced ferroelectric photoelectrochemical properties of polycrystalline BiFeO3 film by decorating with Ag nanoparticles. Applied Physics Letters, 2016, 108, .	3.3	64
42	Two novel ultralow temperature firing microwave dielectric ceramics LiMVO6 (M = Mo, W) and their chemical compatibility with metal electrodes. Journal of the European Ceramic Society, 2017, 37, 3959-3963.	5.7	64
43	NaCa4V5O17: A low-firing microwave dielectric ceramic with low permittivity and chemical compatibility with silver for LTCC applications. Journal of the European Ceramic Society, 2020, 40, 386-390.	5.7	64
44	Oxygen vacancy-related dielectric relaxation and electrical conductivity in La-doped Ba(Zr0.9Ti0.1)O3 ceramics. Journal of Materials Science: Materials in Electronics, 2014, 25, 4058-4065.	2.2	62
45	Temperature stability, structural evolution and dielectric properties of BaTiO3â€“Bi(Mg2/3Ta1/3)O3 perovskite ceramics. Ceramics International, 2015, 41, 7157-7161.	4.8	62
46	More than 10% efficiency and one-week stability of Si photocathodes for water splitting by manipulating the loading of the Pt catalyst and TiO₂ protective layer. Journal of Materials Chemistry A, 2017, 5, 18744-18751.	10.3	61
47	Stable and efficient multi-crystalline n+p silicon photocathode for H2 production with pyramid-like surface nanostructure and thin Al2O3 protective layer. Applied Physics Letters, 2015, 106, .	3.3	60
48	The electrode/sample contact effects on the dielectric properties of the CaCu3Ti4O12 ceramic. Materials Letters, 2005, 59, 3990-3993.	2.6	59
49	Electrostrictive and relaxor ferroelectric behavior in BiAlO3-modified BaTiO3 lead-free ceramics. Journal of Applied Physics, 2013, 113, .	2.5	59
50	Copper nanoparticles with near-unity, omnidirectional, and broadband optical absorption for highly efficient solar steam generation. Nanotechnology, 2019, 30, 015402.	2.6	59
51	Influence of interface point defect on the dielectric properties of Y doped CaCu₃Ti₄O12 ceramics. Journal of Advanced Dielectrics, 2016, 06, 1650009.	2.4	58
52	Li 4 WO 5 : A temperature stable low-firing microwave dielectric ceramic with rock salt structure. Journal of the European Ceramic Society, 2016, 36, 243-246.	5.7	58
53	Giant dielectric permittivity and non-linear electrical behavior in CaCu 3 Ti 4 O 12 varistors from the molten-salt synthesized powder. Ceramics International, 2013, 39, 6063-6068.	4.8	57
54	Microwave dielectric properties and its compatibility with silver electrode of Li2MgTi3O8 ceramics. Journal of Alloys and Compounds, 2011, 509, 5829-5832.	5.5	56

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55	A novel low firing microwave dielectric ceramic NaCa2Mg2V3O12. Ceramics International, 2013, 39, 9779-9783.	4.8	55
56	First-principle calculation and assignment for vibrational spectra of Ba(Mg1/3Nb2/3)O3 microwave dielectric ceramic. Journal of Applied Physics, 2014, 115, .	2.5	54
57	Thermal evolution of polar nanoregions identified by the relaxation time of electric modulus in the Bi _{1/2} Na _{1/2} TiO ₃ system. Europhysics Letters, 2017, 118, 47001.	2.0	54
58	Crystal structure and dielectric properties of germanate melilites Ba2MGe2O7 (Mâ€¯=â€¯Mg and Zn) with low permittivity. Journal of the European Ceramic Society, 2018, 38, 5246-5251.	5.7	54
59	Dielectric and non-Ohmic properties of CaCu3Ti4O12 ceramics modified with NiO, SnO2, SiO2, and Al2O3 additives. Journal of Materials Science, 2012, 47, 2294-2299.	3.7	53
60	One-Pot Solvothermal in Situ Growth of 1D Single-Crystalline NiSe on Ni Foil as Efficient and Stable Transparent Conductive Oxide Free Counter Electrodes for Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2016, 8, 32788-32796.	8.0	53
61	Microwave dielectric properties and infrared reflectivity spectra analysis of two novel low-firing AgCa2B2V3O12 (Bâ€¯=â€¯Mg, Zn) ceramics with garnet structure. Journal of the European Ceramic Society, 2018, 38, 4670-4676.	5.7	53
62	Structure, microwave dielectric properties, and infrared reflectivity spectrum of olivine type Ca2GeO4 ceramic. Journal of the European Ceramic Society, 2019, 39, 2354-2359.	5.7	53
63	Enhanced Piezoelectric Properties and Thermal Stability in the (K_{0.5}Na_{0.5})NbO₃:ZnO Leadâ€Free Piezoelectric Composites. Journal of the American Ceramic Society, 2015, 98, 3935-3941.	3.8	52
64	Effects of Sr2+ substitution on the crystal structure, Raman spectra, bond valence and microwave dielectric properties of Ba3-xSrx(VO4)2 solid solutions. Journal of the European Ceramic Society, 2019, 39, 3738-3743.	5.7	52
65	Effects of Eu substituting positions and concentrations on luminescent, dielectric, and magnetic properties of SrTiO3 ceramics. Applied Physics Letters, 2009, 94, .	3.3	50
66	Orthorhombic to tetragonal structural phase transition in Na0.5K0.5NbO3-based ceramics. Materials Letters, 2012, 68, 300-302.	2.6	50
67	Characterization and visible light photocatalytic mechanism of size-controlled BiFeO3 nanoparticles. Materials Research Bulletin, 2013, 48, 3017-3024.	5.2	49
68	LiCa3ZnV3O12: A novel low-firing, high Q microwave dielectric ceramic. Ceramics International, 2014, 40, 5015-5018.	4.8	48
69	La2O3 modified 0.4(Ba0.8Ca0.2)TiO3â€“0.6Bi(Mg0.5Ti0.5)O3 ceramics for high-temperature capacitor applications. Ceramics International, 2015, 41, 11057-11061.	4.8	47
70	Electrical properties of AC3B4O12-type perovskite ceramics with different cation vacancies. Materials Research Bulletin, 2015, 65, 260-265.	5.2	47
71	Structure and dielectric dispersion in cubic-like 0.5K _{0.5} Na _{0.5} NbO ₃ -0.5Na _{1/2} Bi _{1/2} TiO ₃ ceramic. Europhysics Letters, 2016, 114, 47011.	2.0	47
72	Evolution of phase transformation behavior and dielectric temperature stability of BaTiO3â€“Bi(Zn0.5Zr0.5)O3 ceramics system. Journal of Alloys and Compounds, 2013, 551, 365-369.	5.5	46

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73	High-temperature impedance spectroscopy of BaFe0.5Nb0.5O3 ceramics doped with Bi0.5Na0.5TiO3. Applied Physics A: Materials Science and Processing, 2014, 114, 891-896.	2.3	46
74	High relative permittivity, low dielectric loss and good thermal stability of BaTiO3-bi(Mg0.5Zr0.5)O3 solid solution. Ceramics International, 2015, 41, 2081-2088.	4.8	46
75	Enhanced Photoelectrochemical Performance in Reduced Graphene Oxide/BiFeO₃ Heterostructures. Small, 2017, 13, 1603457.	10.0	46
76	Reduced dielectric loss and leakage current in CaCu3Ti4O12/SiO2/CaCu3Ti4O12 multilayered films. Solid State Communications, 2006, 137, 381-386.	1.9	45
77	Effect of holding time on the dielectric properties and non-ohmic behavior of CaCu3Ti4O12 capacitor-varistors. Journal of Materials Science: Materials in Electronics, 2013, 24, 1994-1999.	2.2	45
78	Revisiting the temperatureâ€dependent dielectric permittivity of Ba(Ti_{1â^'x}Zr_x)O₃. Journal of the American Ceramic Society, 2018, 101, 2408-2416.	3.8	44
79	Enhancement of the cation order and the microwave dielectric properties of Li2ZnTi3O8 through composition modulation. Journal of the European Ceramic Society, 2019, 39, 3064-3069.	5.7	44
80	Structural, infrared reflectivity spectra and microwave dielectric properties of the Li7Ti3O9F ceramic. Ceramics International, 2019, 45, 10163-10169.	4.8	44
81	Structure and chemical bond characteristics of two low-Îµ microwave dielectric ceramics LiBO2 (B =) Tj ETQq1 1 0.784314 rgBT /Over	5.7	44
82	A new low-loss microwave dielectric ceramic for low temperature cofired ceramic applications. Journal of Materials Research, 2010, 25, 1235-1238.	2.6	42
83	Effect of mechanical activation on the structure and ferroelectric property of Na0.5K0.5NbO3. Materials Research Bulletin, 2011, 46, 1467-1472.	5.2	42
84	Novel low-firing microwave dielectric ceramics: BaMV 2 O 7 (M=Mg, Zn). Ceramics International, 2014, 40, 16835-16839.	4.8	42
85	Structure characterization and microwave dielectric properties of LiGa5O8 ceramic with low-Îµr and low loss. Journal of the European Ceramic Society, 2020, 40, 5498-5503.	5.7	42
86	Fano resonance lineshapes in a waveguide-microring structure enabled by an air-hole. APL Photonics, 2020, 5, .	5.7	42
87	Microwave dielectric high-entropy ceramic Li(Gd0.2Ho0.2Er0.2Yb0.2Lu0.2)GeO4 with stable temperature coefficient for low-temperature cofired ceramic technologies. Journal of Materials Science and Technology, 2021, 93, 28-32.	10.7	42
88	Grain boundary defect compensation in Ti-doped BaFe0.5Nb0.5O3 ceramics. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	41
89	Photocathodic behavior of ferroelectric Pb(Zr,Ti)O3 films decorated with silver nanoparticles. Chemical Communications, 2013, 49, 3769.	4.1	40
90	Dielectric properties of BiAlO 3 -modified (Na, K, Li)NbO 3 lead-free ceramics. Materials Research Bulletin, 2016, 73, 437-445.	5.2	40

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91	Experimental and Theoretical Evidence of Enhanced Visible Light Photoelectrochemical and Photocatalytic Properties in MoS₂/TiO₂ Nanohole Arrays. Journal of Physical Chemistry C, 2018, 122, 15055-15062.	3.1	40
92	Dielectric responses and multirelaxation behaviors of pure and doped CaCu3Ti4O12 ceramics. Journal of Applied Physics, 2008, 104, .	2.5	39
93	Interface effect on the photocurrent: A comparative study on Pt sandwiched (Bi3.7Nd0.3)Ti3O12 and Pb(Zr0.2Ti0.8)O3 films. Applied Physics Letters, 2010, 96, .	3.3	39
94	Dielectric Properties and Impedance Analysis of <scp><scp>K</scp></scp>_{0.5}<scp><scp>Na</scp></scp>_{0.5}<scp><scp>NbO</scp></scp>₃â€" Ceramics with Good Dielectric Temperature Stability. Journal of the American Ceramic Society, 2013, 96, 3489-3493.	3.8	38
95	Synthesis of porous Al doped ZnO nanosheets with high adsorption and photodecolorizative activity and the key role of Al doping for methyl orange removal. RSC Advances, 2016, 6, 2241-2251.	3.6	38
96	Preparation, structure and dielectric properties of Ba4LaMNb3O15 (M = Ti, Sn) ceramics. Materials Research Bulletin, 2004, 39, 1649-1654.	5.2	37
97	High piezoelectric performance in a new Bi-based perovskite of (1â^'x)Bi(Ni1/2Hf1/2)O3â^'xPbTiO3. Journal of Applied Physics, 2012, 112, .	2.5	37
98	High temperature dielectrics and defect characteristic of (Nb, Mn, Zr) modified 0.4(Ba 0.8 Ca 0.2)TiO 3 â€" 0.6Bi(Mg 0.5 Ti 0.5)O 3 ceramics. Journal of Physics and Chemistry of Solids, 2018, 118, 99-108.	4.0	37
99	Lowâ€firing and temperature stable microwave dielectric ceramics: Ba₂LnV₃O₁₁ (LnÂ=ÂNd, Sm). Journal of the American Ceramic Society, 2018, 101, 773-781.	3.8	36
100	Enhanced photocurrent in Pb(Zr0.2Ti0.8)O3 ferroelectric film by artificially introducing asymmetrical interface Schottky barriers. Materials Chemistry and Physics, 2012, 135, 304-308.	4.0	35
101	Low-firing and microwave dielectric properties of Na 2 YMg 2 V 3 O 12 ceramic. Ceramics International, 2016, 42, 3701-3705.	4.8	35
102	Structural and dielectric properties of Ba5LnSn3Nb7O30 (Ln=La, Nd) ceramics. Materials Letters, 2004, 58, 2654-2657.	2.6	34
103	Ba₄LiNb₃â^'x</sub>Ta_xO₁₂ (x=0â€"3): A Series of Highâ€Q Microwave Dielectrics from the Twinned 8H Hexagonal Perovskites. Journal of the American Ceramic Society, 2010, 93, 1229-1231.	3.8	34
104	Relationship between Rattling Mg2+ ions and anomalous microwave dielectric behavior in Ca3-Mg1+LiV3O12 ceramics with garnet structure. Journal of the European Ceramic Society, 2021, 41, 7697-7702.	5.7	34
105	Preparation and Electric Properties of <scp><scp>Bi</scp></scp>_{0.5}<scp><scp>Na</scp></scp>_{0.5}<scp><scp>TiO</scp></scp>₃â€" Leadâ€Free Piezoceramics. Journal of the American Ceramic Society, 2013, 96, 1171-1175.	3.8	33
106	Dielectric Properties and Defect Chemistry of WO3-Doped K0.5Na0.5NbO3 Ceramics. Journal of Electronic Materials, 2014, 43, 1055-1061.	2.2	33
107	Crystal structure, Raman spectra and microwave dielectric properties of novel temperature-stable LiYbSiO4 ceramics. Ceramics International, 2020, 46, 19996-20003.	4.8	33
108	A Novel Temperature Stable Microwave Dielectric Ceramic with Garnet Structure: Sr₂NaMg₂V₃O₁₂. Journal of the American Ceramic Society, 2016, 99, 399-401.	3.8	32

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109	Structural and dielectric properties of Sr5RTi3Ta7O30 (R=Sm, Y) ceramics. Materials Letters, 2004, 58, 1777-1780.	2.6	31
110	Interface layer thickness effect on the photocurrent of Pt sandwiched polycrystalline ferroelectric Pb(Zr,Ti)O3 films. Applied Physics Letters, 2010, 97, .	3.3	31
111	Microwave dielectric properties of temperature stable Li2ZnxCo1â^'xTi3O8 ceramics. Journal of Alloys and Compounds, 2011, 509, 8840-8844.	5.5	31
112	Diffusion phase transition and ferroelectric properties of 0.92K0.5Na0.5NbO3â€“(0.08â^'x)Bi0.5Li0.5TiO3â€“xBaZrO3 ceramics. Materials Chemistry and Physics, 2012, 132, 1015-1018.	4.0	31
113	Photovoltaic property of domain engineered epitaxial BiFeO3 films. Applied Physics Letters, 2014, 105, .	3.3	31
114	Lowâ€temperature sintering and thermal stability of Li₂GeO₃â€based microwave dielectric ceramics with low permittivity. Journal of the American Ceramic Society, 2018, 101, 4608-4614.	3.8	31
115	Li5Ti2O6F: a new low-loss oxyfluoride microwave dielectric ceramic for LTCC applications. Journal of Materials Science, 2020, 55, 107-115.	3.7	31
116	Strong tribocatalytic dye degradation by tungsten bronze Ba4Nd2Fe2Nb8O30. Ceramics International, 2021, 47, 5038-5043.	4.8	31
117	Effect of oxygen vacancies on the red emission of SrTiO3:Pr3+ phosphor films. Applied Physics Letters, 2009, 94, .	3.3	30
118	Luminescent properties of Pr3+ doped (Ca, Zn) TiO3: Powders and films. Journal of Alloys and Compounds, 2009, 485, 831-836.	5.5	30
119	Enhanced dye-sensitized solar cells performance using anatase TiO2 mesocrystals with the Wulff construction of nearly 100% exposed {101} facets as effective light scattering layer. Dalton Transactions, 2014, 43, 4711.	3.3	30
120	Enhanced photoelectrochemical and photocatalytic activity in visible-light-driven Ag/BiVO4 inverse opals. Applied Physics Letters, 2016, 108, .	3.3	30
121	Two novel low-firing germanates Li 2 MGe 3 O 8 (M = Ni, Co) microwave dielectric ceramics with spinel structure. Ceramics International, 2017, 43, 1622-1627.	4.8	30
122	Two novel garnet Sr3B2Ge3O12 (B = Yb, Ho) microwave dielectric ceramics with low permittivity and high Q. Journal of the European Ceramic Society, 2021, 41, 1317-1323.	5.7	30
123	Some A6B5O18 cation-deficient perovskites in the BaOâ€“La2O3â€“TiO2â€“Nb2O5 system. Journal of Solid State Chemistry, 2004, 177, 4007-4012.	2.9	29
124	Preparation, structural, and dielectric properties of Ba5YZnM9O30(M = Nb, Ta) ceramics. Journal of Materials Science, 2005, 40, 533-535.	3.7	29
125	Effects of BaCu(B2O5) addition on phase transition, sintering temperature and microwave properties of Ba4LiTa3O12 ceramics. Journal of Alloys and Compounds, 2011, 509, 1931-1935.	5.5	29
126	Understanding the nature of remnant polarization enhancement, coercive voltage offset and time-dependent photocurrent in ferroelectric films irradiated by ultraviolet light. Journal of Materials Chemistry, 2012, 22, 12592.	6.7	29

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127	Interrupted growth and photoelectrochemistry of Cu2O and Cu particles on TiO2. Electrochimica Acta, 2012, 80, 354-361.	5.2	29
128	Large Piezoelectric Response and Polarization in Relaxor Ferroelectric <scp><scp>PbTiO</scp></scp>₃â€“<scp><scp>Bi</scp></scp>(<scp><scp>Ni</scp></scp>_{1/2}<scp><scp>Z Journal of the American Ceramic Society, 2013, 96, 1035-1038.	3.8	29
129	A novel thermally stable low-firing LiMg4V3O12 ceramic: Sintering characteristic, crystal structure and microwave dielectric properties. Ceramics International, 2014, 40, 6335-6338.	4.8	29
130	Effects of BaCu(B₂O₅) Addition on Phase Transition, Sintering Temperature, and Microwave Properties of Ba₄LiNb₃O₁₂ Ceramics. Journal of the American Ceramic Society, 2011, 94, 524-528.	3.8	28
131	Structure and thermal expansion of the tungsten bronze Pb₂KNb₅O₁₅. Dalton Transactions, 2014, 43, 7037-7043.	3.3	28
132	Effect of lanthanum doping on tetragonal-like<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>BiFe</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>with mixed-phase domain structures. Physical Review B, 2014, 90, .	3.2	28
133	Efficient and stable MoS2 catalyst integrated on Si photocathodes by photoreduction and post-annealing for water splitting. Applied Physics Letters, 2016, 108, .	3.3	28
134	Structure and Microwave dielectric properties of a novel temperature stable low-firing Ba 2 LaV 3 O 11 ceramic. Journal of the European Ceramic Society, 2016, 36, 2143-2148.	5.7	28
135	LiYGeO4: Novel low-permittivity microwave dielectric ceramics with intrinsic low sintering temperature. Materials Letters, 2018, 228, 96-99.	2.6	28
136	Reâ€entrant dipole glassâ€like behavior and lattice dynamics of 0.65Bi(Mg_{1/2}Ti_{1/2})O₃â€“0.35PbTiO₃. Journal of the American Ceramic Society, 2020, 103, 2859-2867.	3.8	28
137	Effect of A-site cation on crystal structure and microwave dielectric properties of AGe4O9 (A = Ba, Sr) ceramics. Journal of the European Ceramic Society, 2021, 41, 4153-4159.	5.7	28
138	Tunability of Ï„ in garnet-structured Y3Ga5O12 microwave dielectric ceramics. Journal of the European Ceramic Society, 2021, 41, 7711-7716.	5.7	28
139	BaTa2V2O11: A novel low fired microwave dielectric ceramic. Journal of the European Ceramic Society, 2015, 35, 3765-3770.	5.7	27
140	Microwave dielectric properties of novel glass-free low temperature firing ACa 2 Mg 2 V 3 O 12 (A=Li,) Tj ETQq0 0 0 rgBT /Overlock 10 T	4.8	27
141	A reduced sintering temperature and improvement in the microwave dielectric properties of Li2Mg3TiO6 through Ge substitution. Ceramics International, 2018, 44, 5817-5821.	4.8	27
142	Microwave dielectric properties and chemical compatibility with alumina electrode of two novel ultra-low temperature firing ATeMoO6 (A = Mg, Zn) ceramics. Ceramics International, 2020, 46, 25619-25625.	4.8	27
143	Preparation and characterization of two new dielectric ceramics Ba4NdTiNb3O15and Ba3Nd2Ti2Nb2O15. Journal of Materials Science: Materials in Electronics, 2004, 15, 803-805.	2.2	26
144	Microwave dielectric properties of Ba5+nTinNb4O15+3n ceramics. Journal of Materials Science: Materials in Electronics, 2005, 16, 149-151.	2.2	26

#	Article	IF	Citations
145	Space charge effect on the photocurrent of Pt-sandwiched Pb(Zr0.20Ti0.80)O3 film capacitors. Journal of Applied Physics, 2009, 106, 113705.	2.5	26
146	Dielectric properties of (NaBi(1â^'x)Kx)0.5Ti(1â^'x)NbxO3 ceramics fabricated by mechanical alloying. Journal of Alloys and Compounds, 2010, 507, 196-200.	5.5	26
147	Preparation, phase structure and microwave dielectric properties of a new low cost MgLi2/3Ti4/3O4 compound. Materials Chemistry and Physics, 2012, 137, 22-25.	4.0	26
148	Dielectric and conductivity behavior of Mn-doped K0.5Na0.5NbO3 single crystal. Solid State Communications, 2017, 264, 1-5.	1.9	26
149	SrV2O6: An ultralow-firing microwave dielectric ceramic for LTCC applications. Materials Research Bulletin, 2018, 100, 377-381.	5.2	26
150	Two novel low permittivity microwave dielectric ceramics Li2TiMO5 (M = Ge, Si) with abnormally positive Ï„. Journal of the European Ceramic Society, 2019, 39, 2680-2684.	5.7	26
151	Crystal structure and microwave dielectric properties of a new A6B5O18-type cation-deficient perovskite Ba3La3Ti4NbO18. Materials Chemistry and Physics, 2005, 93, 450-454.	4.0	25
152	Phase structure and microwave dielectric properties of (1â^'x)Li2Zn3Ti4O12â^'xTiO2 ceramics. Journal of Alloys and Compounds, 2012, 515, 22-25.	5.5	25
153	Ferroic properties of Fe-doped and Cu-doped K0.45Na0.49Li0.06NbO3 ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 6592-6598.	2.2	25
154	Structure, Raman spectra and properties of two low-Îµ microwave dielectric ceramics Ca3B2Ge3O12 (B =) Tj ETQq0 0 0 rgBT /Overlock	4.8	25
155	Tribocatalytic degradation of dyes by tungsten bronze ferroelectric Ba_{2.5}Sr_{2.5}Nb₈Ta₂O₃₀ submicron particles. RSC Advances, 2021, 11, 13386-13395.	3.6	25
156	Enhanced piezoelectric and antiferroelectric properties of high-TC perovskite of Zr-substituted Bi(Mg1/2Ti1/2)O3-PbTiO3. Journal of Applied Physics, 2012, 112, 074101.	2.5	24
157	Effects of Gd substitution on microstructures and low temperature dielectric relaxation behaviors of SrTiO3 ceramics. Journal of Applied Physics, 2012, 112, 034114.	2.5	24
158	Thermally Stable BaTiO3-Bi(Mg0.75W0.25)O3 Solid Solutions: Sintering Characteristics, Phase Evolution, Raman Spectra, and Dielectric Properties. Journal of Electronic Materials, 2014, 43, 1112-1118.	2.2	24
159	Low temperature firing and microwave dielectric properties of BaCaV2O7 ceramics. Ceramics International, 2015, 41, 5172-5176.	4.8	24
160	Microwave Dielectric Properties of a Lowâ€Firing Ba₂BiV₃O₁₁ Ceramic. Journal of the American Ceramic Society, 2015, 98, 683-686.	3.8	24
161	Dielectric properties of (K0.5Na0.5)NbO3â€“(Bi0.5Li0.5)ZrO3 lead-free ceramics as high-temperature ceramic capacitors. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	24
162	Effect of tartaric acid on the microstructure and photoluminescence of SrTiO3:Pr3+ phosphors prepared by a solâ€“gel method. Materials Chemistry and Physics, 2010, 123, 284-288.	4.0	23

#	Article	IF	Citations
163	Effect of B2O3 addition on the microstructure and microwave dielectric properties of Li2CoTi3O8 ceramics. Journal of Materials Science: Materials in Electronics, 2012, 23, 478-483.	2.2	23
164	Preparation and dielectric properties of unfilled tungsten bronze ferroelectrics Ba4RETiNb9O30. Journal of Alloys and Compounds, 2013, 581, 547-552.	5.5	23
165	Effects of elevated atmospheric CO2 on leaf gas exchange response to progressive drought in barley and tomato plants with different endogenous ABA levels. Plant and Soil, 2020, 447, 431-446.	3.7	23
166	Preparation and characterization of two new dielectric ceramics Ba3La2Ti2Nb2O15 and Ba2La3Ti3NbO15. Materials Letters, 2004, 58, 3884-3887.	2.6	22
167	Effect of double-sided CaTiO3 buffer layers on the electrical properties of CaCu3Ti4O12 films on Ptâˆ•Tiâˆ•SiO2âˆ•Si substrates. Journal of Applied Physics, 2006, 100, 104101.	2.5	22
168	Preparation and Characterization of a New Microwave Dielectric Ceramic Ba₄ZnTi₁₁O₂₇. Journal of the American Ceramic Society, 2010, 93, 1537-1539.	3.8	22
169	Photovoltaic enhancement due to surface-plasmon assisted visible-light absorption at the inartificial surface of lead zirconateâ€“titanate film. Nanoscale, 2014, 6, 2915-2921.	5.6	22
170	Dielectric properties and high-temperature dielectric relaxation of Ba3Ti4Nb4O21 ceramic. Materials Chemistry and Physics, 2014, 143, 552-556.	4.0	22
171	High relative permittivity, low dielectric loss and good thermal stability of novel (K0.5Na0.5)NbO3â€“Bi(Zn0.75W0.25)O3 solid solution. Materials Letters, 2015, 145, 247-249.	2.6	22
172	Band gap tuning of nickelates for photovoltaic applications. Journal Physics D: Applied Physics, 2016, 49, 44LT02.	2.8	22
173	Enhanced temperature-stable dielectric properties in oxygen annealed 0.85(K0.5Na0.5)NbO3-0.15SrZrO3 ceramic. Materials Research Bulletin, 2018, 99, 403-408.	5.2	22
174	Ultra-Low Loss Microwave Dielectric Ceramic Li2Mg2TiO5 and Low-Temperature Firing Via B2O3 Addition. Journal of Electronic Materials, 2018, 47, 6383-6389.	2.2	22
175	Crystal structure, Raman spectroscopy and microwave dielectric properties of Li1+xZnNbO4 (0â€‰â‰¤â€‰xâ€‰â‰¤â€‰0.05) ceramics. Journal of Alloys and Compounds, 2019, 777, 1-7.	5.5	22
176	Crystal structure, Raman spectra and microwave dielectric properties of novel low-temperature cofired ceramic Li4GeO4. Journal of Alloys and Compounds, 2021, 867, 159059.	5.5	22
177	Microwave dielectric properties and its compatibility with silver electrode of LiNb0.6Ti0.5O3 with B2O3 and CuO additions. Journal of Materials Science: Materials in Electronics, 2011, 22, 371-375.	2.2	21
178	Structure and piezoelectric properties of (1Ââˆ’Â0.5x)BaTiO₃â€“0.5x (0.4BaZrO₃â€“0.6CaTiO₃) ceramics. Journal Physics D: Applied Physics, 2012, 45, 295403.	2.8	21
179	Preparation, phase structure and microwave dielectric properties of CoLi2/3Ti4/3O4 ceramic. Materials Research Bulletin, 2012, 47, 1278-1280.	5.2	21
180	Effect of charge compensation on the photoelectrochemical properties of Ho-doped SrTiO3 films. Applied Physics Letters, 2013, 102, .	3.3	21

#	Article	IF	Citations
181	Nanoâ€Au and Ferroelectric Polarization Mediated Si/ITO/BiFeO₃ Tandem Photocathode for Efficient H₂ Production. Advanced Materials Interfaces, 2016, 3, 1600485.	3.7	21
182	Ultralow temperature cofired BiZn₂<scp>VO</scp>₆ dielectric ceramics doped with B₂O₃ and Li₂<scp>CO</scp>₃ for <scp>ULTCC</scp> applications. Journal of the American Ceramic Society, 2019, 102, 1218-1226.	3.8	21
183	Relaxor-like dielectric behavior of pulsed-laser-deposited Pb0.5Sr0.5TiO3 films. Thin Solid Films, 2005, 493, 197-202.	1.8	20
184	The effect of SiO2barrier layer on the dielectric properties of CaCu3Ti4O12films. Journal Physics D: Applied Physics, 2005, 38, 4236-4240.	2.8	20
185	High dielectric constant and low-loss dielectric ceramics of Ba5LnZnNb9O30 (Ln=La, Nd and Sm). Materials Letters, 2007, 61, 4140-4143.	2.6	20
186	Microwave Dielectric Properties of LiBiW₂O₈ Ceramics with Low Sintering Temperature. Journal of the American Ceramic Society, 2010, 93, 3976-3979.	3.8	20
187	Structure, piezoelectric, and ferroelectric properties of BaZrO3 substituted Bi(Mg1/2Ti1/2)O3-PbTiO3 perovskite. Journal of Applied Physics, 2012, 111, .	2.5	20
188	Amorphous carbon coated TiO2 nanocrystals embedded in a carbonaceous matrix derived from polyvinylpyrrolidone decomposition for improved Li-storage performance. Chemical Engineering Journal, 2014, 240, 379-386.	12.7	20
189	One-step in situ growth of Co9S8 on conductive substrate as an efficient counter electrode for dye-sensitized solar cells. Journal of Materials Science, 2016, 51, 4150-4159.	3.7	20
190	Phase formation and microwave dielectric properties of Bi<scp>MVO</scp>₅ (M = Ca, Mg) ceramics potential for low temperature coâ€fired ceramics application. Journal of the American Ceramic Society, 2019, 102, 362-371.	3.8	20
191	Effect of Ca deficiencies on the photoluminescence of CaTiO3:Pr3+. Journal of Alloys and Compounds, 2009, 474, 330-333.	5.5	19
192	Polarization effect on the photocurrent of Pt sandwiched multi-crystalline ferroelectric films. Materials Chemistry and Physics, 2011, 129, 783-786.	4.0	19
193	Preparation and Electric Properties of <scp><scp>Bi</scp></scp>_{0.5}<scp><scp>Na</scp></scp>_{0.5}<scp><scp>TiO</scp></scp>₃â€Leadâ€Free Piezoceramics. Journal of the American Ceramic Society, 2013, 96, 3793-3797.	3.8	19
194	Dielectric and Ferroelectric Properties of (1â^'x)BiFeO₃-xBi_{0.5}Na_{0.5}TiO₃Solid Solution. Ferroelectrics, 2015, 478, 18-25.	0.6	19
195	Enhanced Piezoelectric Properties of Tetragonal (Bi_{1/2}K_{1/2})TiO₃ Leadâ€Free Ceramics by Substitution of Pure Biâ€Based Bi(Mg_{2/3}Nb_{1/3})O₃. Journal of the American Ceramic Society, 2015, 98, 104-108.	3.8	19
196	Enhanced photocatalytic and photoelectrochemical performance of g-C3N4/BiVO4 heterojunction: A combined experimental and theoretical study. AIP Advances, 2019, 9, .	1.3	19
197	Phase evolution, far-infrared spectra, and ultralow loss microwave dielectric ceramic of Zn2Ge1+xO4+2x (â^'â€‰0.1â€‰â‰¤â€‰xâ€‰â‰¤â€‰0.2). Journal of Materials Science: Materials in Electronics, 2019, 30, 16651-16658.	2.2	19
198	Two low-permittivity melilite ceramics in the SrO-MO-GeO2 (M = Mg, Zn) system and their temperature stability through compositional modifications. Journal of the European Ceramic Society, 2020, 40, 1186-1190.	5.7	19

#	Article	IF	Citations
199	A novel tungstate Li3Nd3W2O12 with garnet structure for low-temperature cofired ceramic technology. Journal of the European Ceramic Society, 2020, 40, 1386-1389.	5.7	19
200	Microwave dielectric properties of Li3A3Te2O12 (A = Y, Yb) garnets for low temperature cofired ceramic technologies. Journal of the European Ceramic Society, 2022, 42, 2248-2253.	5.7	19
201	Rattling effects on microwave dielectric properties of Ca3TiBGe3O12 (B = Mg, Zn) garnets. Journal of the European Ceramic Society, 2022, 42, 4566-4572.	5.7	19
202	Microwave Dielectric Properties of a New A5B4O15-Type Cation-Deficient Perovskite Ba2La3Ti3TaO15. Journal of the American Ceramic Society, 2007, 90, 1626-1628.	3.8	18
203	Sr₃LaNb₃O₁₂: A New Low Loss and Temperature Stable A₄B₃O₁₂â€Type Microwave Dielectric Ceramic. Journal of the American Ceramic Society, 2009, 92, 556-558.	3.8	18
204	Lattice, magnetic and transport properties in antiperovskite compounds. Solid State Communications, 2009, 149, 1519-1522.	1.9	18
205	Preparation and Electrical Properties of High-TC Piezoelectric Ceramics of Strontium-Substituted Bi(Ni1/2Ti1/2)O3-PbTiO3. Journal of the American Ceramic Society, 2012, 95, 1170-1173.	3.8	18
206	Multiferroic properties and enhanced magnetoelectric coupling in (1Ââ^'Âx)PbTiO3Ââ^'ÂxNdFeO3. Solid State Sciences, 2013, 15, 91-94.	3.2	18
207	A Novel Lowâ€Firing and Low Loss Microwave Dielectric Ceramic Li₂Mg₂W₂O₉ with Corundum Structure. Journal of the American Ceramic Society, 2015, 98, 3863-3868.	3.8	18
208	Both electric field and temperature independent behavior of piezoelectric property of Pb(Ni1/3Nb2/3)O3â€“PbTiO3. Materials Research Bulletin, 2015, 61, 448-452.	5.2	18
209	Microwave dielectric properties in the Li4+Ti5O12 (0Ââ‰ÂxÂâ‰Â1.2) ceramics. Journal of Alloys and Compounds, 2017, 701, 295-300.	5.5	18
210	Dual role of TiO2 buffer layer in Pt catalyzed BiFeO3 photocathodes: Efficiency enhancement and surface protection. Applied Physics Letters, 2017, 111, .	3.3	18
211	Structure, microwave dielectric performance, and infrared reflectivity spectrum of olivineâ€type Mg 2 Ge 0.98 O 4 ceramic. Journal of the American Ceramic Society, 2020, 103, 1789-1797.	3.8	18
212	Effect of strontium substitution on the structure and dielectric properties of unfilled tungsten bronze Ba4-xSrxSmFe0.5Nb9.5O30 ceramics. Ceramics International, 2020, 46, 9240-9248.	4.8	18
213	Spinel-olivine microwave dielectric ceramics with low sintering temperature and high quality factor for 5ÂGHz wi-fi antennas. Applied Materials Today, 2020, 21, 100826.	4.3	18
214	Na0.5K0.5NbO3 and 0.9Na0.5K0.5NbO3â€“0.1Bi0.5Na0.5TiO3 nanocrystalline powders synthesized by low-temperature solid-state reaction. Advanced Powder Technology, 2013, 24, 908-912.	4.1	17
215	Fe(III) doped and grafted PbTiO3 film photocathode with enhanced photoactivity for hydrogen production. Applied Physics Letters, 2014, 105, .	3.3	17
216	Nanometer-scale separation of d10 Zn2+-layers and twinâ€“shift competition in Ba8ZnNb6O24-based 8-layered hexagonal perovskites. Dalton Transactions, 2015, 44, 13173-13185.	3.3	17

#	Article	IF	Citations
217	Dielectric behavior of La2O3-modified 0.4(Ba0.8Ca0.2)TiO3â€“0.6Bi(Mg0.5Ti0.5)O3 lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 12128-12133.	2.2	17
218	Dielectric properties and defect mechanisms of (1-x)Ba(Fe0.5Nb0.5)O3 -xBiYbO3 ceramics. Journal of Electroceramics, 2016, 37, 137-144.	2.0	17
219	Two novel low-firing Na2AMg2V3O12(A=Nd, Sm) ceramics and their chemical compatibility with silver. Ceramics International, 2017, 43, 2892-2898.	4.8	17
220	Investigation of the enhancement effect of the natural transdermal permeation enhancers from Ledum palustre L. var. angustum N. Busch: Mechanistic insight based on interaction among drug, enhancers and skin. European Journal of Pharmaceutical Sciences, 2018, 124, 105-113.	4.0	17
221	Phase evolution and thermal stability of high Curie temperature BiScO3-PbTiO3-Pb(Cd1/3Nb2/3)O3 ceramics near MPB. Journal of Applied Physics, 2019, 126, .	2.5	17
222	High permittivity and low loss dielectric ceramics Ba5LnNiNb9O30 (Ln=La, Nd and Sm). Journal of Alloys and Compounds, 2007, 429, 280-284.	5.5	16
223	Quantitative Description of the Diffuse Phase Transition of BNT-NKN Ceramics. Ferroelectrics, 2012, 432, 65-72.	0.6	16
224	Temperature dependences of the ferroelectric and dielectric properties of high curie temperature PbTiO3â€“BiScO3â€“Bi(Zn1/2Zr1/2)O3. Materials Research Bulletin, 2013, 48, 2006-2009.	5.2	16
225	A low-firing Ca 5 Ni 4 (VO 4) 6 ceramic with tunable microwave dielectric properties and chemical compatibility with Ag. Ceramics International, 2016, 42, 15094-15098.	4.8	16
226	Preparation, Crystal Structure and Microwave Dielectric Properties of Rare-Earth Vanadates: ReVO4 (ReÂ=ÂNd, Sm). Journal of Electronic Materials, 2017, 46, 1956-1962.	2.2	16
227	Pre-texturing multi-crystalline silicon wafer via a two-step alkali etching method to achieve efficient nanostructured solar cells. Solar Energy Materials and Solar Cells, 2017, 159, 121-127.	6.2	16
228	Crystal structure and microwave dielectric properties of a new A4B3O12-type cation-deficient perovskite Ba3LaTa3O12. Journal of Alloys and Compounds, 2008, 460, 460-463.	5.5	15
229	The photocathodic properties of a Pb(Zr_{0.2}Ti_{0.8})O₃ wrapped CaFe₂O₄ layer on ITO coated quartz for water splitting. Chemical Communications, 2014, 50, 6346-6348.	4.1	15
230	Sintering behavior, phase evolution and microwave dielectric properties of thermally stable (1â^'x)Li3NbO4â^'xCaTiO3 composite ceramic. Ceramics International, 2014, 40, 2103-2107.	4.8	15
231	A novel low-firing microwave dielectric ceramic NaMg4V3O12 and its chemical compatibility with silver electrode. Ceramics International, 2015, 41, 13878-13882.	4.8	15
232	Phase transition, dielectric relaxation and piezoelectric properties of bismuth doped La2Ti2O7 ceramics. Ceramics International, 2016, 42, 11453-11458.	4.8	15
233	Enhanced photoelectrochemical water splitting of BiVO4 photonic crystal photoanode by decorating with MoS2 nanosheets. Applied Physics Letters, 2018, 112, .	3.3	15
234	Preparation and dielectric properties of Ba4RFe0.5Nb9.5O30 (RÂ= La, Nd, Eu, Gd) unfilled tungsten bronze ceramics. Journal of Alloys and Compounds, 2019, 773, 470-481.	5.5	15

#	Article	IF	Citations
235	Crystal structure and microwave dielectric properties of a novel rock-salt type Li3MgNbO5 ceramic. Journal of Materials Science, 2020, 55, 15643-15652.	3.7	15
236	Structure evolution, dielectric, and conductivity behavior of (K0.5Na0.5)NbO3-Bi(Zn2/3Nb1/3)O3 ceramics. Journal of Advanced Ceramics, 2021, 10, 809-819.	17.4	15
237	A low-Îµ and high-Q microwave dielectric ceramic Li2SrSiO4 with abnormally low sintering temperature. Journal of the European Ceramic Society, 2021, 41, 7678-7682.	5.7	15
238	Triammonium nonaiododiantimonate(III), (NH4)3[Sb2I9]. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, i70-i72.	0.2	14
239	Structural and dielectric properties of Sr4Ln2Ti4Ta6O30 (Ln=Nd and Sm) ceramics. Materials Letters, 2005, 59, 2634-2637.	2.6	14
240	Structural, electrical, luminescent, and magnetic properties of Ba0.77Ca0.23TiO3:Eu ceramics. Materials Chemistry and Physics, 2009, 118, 484-489.	4.0	14
241	Dielectric properties and high-temperature dielectric relaxation of tungsten-bronze structure ceramics Ba2GdFeNbTa3O15. Journal of Materials Science: Materials in Electronics, 2012, 23, 229-233.	2.2	14
242	Enhanced photocathodic behaviors of Pb(Zr0.20Ti0.80)O3 films on Si substrates for hydrogen production. Applied Physics Letters, 2015, 106, .	3.3	14
243	Enhanced photoelectrochemical properties of copper-assisted catalyzed etching black silicon by electrodepositing cobalt. Applied Physics Letters, 2017, 111, .	3.3	14
244	Phase composition and microwave dielectric properties of low permittivity AGeO3 (Aâ€¯=â€¯Mg, Zn) ceramics. Journal of Alloys and Compounds, 2019, 799, 495-500.	5.5	14
245	Ba2La2TiNb2O12: A new microwave dielectric of A4B3O12-type cation-deficient perovskites. Materials Letters, 2006, 60, 1147-1150.	2.6	13
246	Effects of Sr substitution on microwave dielectric properties of Ba3LaNb3O12 ceramics. Journal of Alloys and Compounds, 2009, 487, 504-506.	5.5	13
247	Composition dependence of the photochemical reduction of Ag+ by as-grown Pb(ZrxTi1â^'x)O3 films on indium tin oxide electrode. Applied Physics Letters, 2013, 103, .	3.3	13
248	Structural evolution, low-firing characteristic and microwave dielectric properties of magnesium and sodium vanadate ceramic. Ceramics International, 2015, 41, 11125-11131.	4.8	13
249	Dielectric relaxation and electrical conductivity in Ca5Nb4TiO17 ceramics. Ceramics International, 2015, 41, 9923-9930.	4.8	13
250	New eightâ€layer twinned hexagonal perovskite microwave dielectric ceramic Ba₈NiNb₆O₂₄. Journal of the American Ceramic Society, 2017, 100, 1212-1220.	3.8	13
251	A novel ultra-low temperature cofired Na2BiZn2V3O12 ceramic and its chemical compatibility with metal electrodes. Journal of Materials Science: Materials in Electronics, 2017, 28, 1508-1513.	2.2	13
252	Phase evolution and relaxor behavior of BiScO3â€“PbTiO3â€“0.05Pb(Yb1/2Nb1/2)O3 ternary ceramics. Journal of Materials Science, 2019, 54, 13467-13478.	3.7	13

#	Article	IF	Citations
253	Enhanced photoelectrochemical performance in BiFeO3/g-C3N4 pâ€“n heterojunction photocathodes with ferroelectric polarization. Journal of Applied Physics, 2020, 128, .	2.5	13
254	Ba3La3Ti4NbO18: a new microwave dielectric of A6B5O18-type cation-deficient perovskites. Materials Letters, 2005, 59, 535-538.	2.6	12
255	Dielectric properties and I-V characteristics of (Pb0.4Sr0.6)TiO3 thin films improved by TiO2 buffer layers. Journal of Sol-Gel Science and Technology, 2007, 42, 299-303.	2.4	12
256	Microstructure control of (Pb,Sr)TiO3 films on Pt/Ti/SiO2/Si substrates by a TiO2 buffer layer. Thin Solid Films, 2008, 516, 1285-1289.	1.8	12
257	Ba₄Ln₂Fe₂Ta₈O₃₀ (Ln=Pr, Eu): Temperatureâ€Stable Low Loss Dielectrics with a Tungsten Bronze Structure. Journal of the American Ceramic Society, 2010, 93, 945-947.	3.8	12
258	Self-assembly growth of flower-like BiFeO3 powders at low temperature. Journal of Materials Science: Materials in Electronics, 2012, 23, 1500-1503.	2.2	12
259	Dielectric characteristic of nanocrystalline Na0.5K0.5NbO3 ceramic green body. Journal of Electroceramics, 2012, 28, 144-148.	2.0	12
260	Synthesis of TiO2/Pt/TiO2 multilayer films via radio frequency magnetron sputtering and their enhanced photocatalytic activity. Thin Solid Films, 2012, 520, 5727-5732.	1.8	12
261	(K0.5Na0.5)NbO3â€“Bi(Mg0.5Ti0.5)O3 solid solution: phase evolution, microstructure and electrical properties. Journal of Materials Science: Materials in Electronics, 2013, 24, 4346-4350.	2.2	12
262	Conductivity, Dielectric Loss, and Electrical Heterogeneous Microstructure of Eightâ€Layer Twinned Hexagonal Perovskite Ceramics <scp><scp>Ba</scp></scp>₈<scp><scp>CuTa</scp></scp>₆<scp><scp>O</scp></scp>₂₄. Journal of the American Ceramic Society, 2013, 96, 2510-2514.	3.8	12
263	(K0.5Na0.5)NbO3â€“Bi(Zn0.5Zr0.5)O3 perovskite ceramics: High relative permittivity, low dielectric loss and good thermal stability. Ceramics International, 2015, 41, 13883-13886.	4.8	12
264	Dielectric Properties of SrMnO3-doped K0.5Na0.5NbO3 Lead-Free Ceramics. Journal of Electronic Materials, 2016, 45, 4089-4099.	2.2	12
265	Effect of annealing atmosphere on the structure and dielectric properties of unfilled tungsten bronze ceramics Ba4PrFe0.5Nb9.5O30. Ceramics International, 2018, 44, 7700-7708.	4.8	12
266	Cu3Mo2O9: An Ultralow-Firing Microwave Dielectric Ceramic with Good Temperature Stability and Chemical Compatibility with Aluminum. Journal of Electronic Materials, 2018, 47, 1003-1008.	2.2	12
267	Dielectric Properties of (Bi0.5K0.5)ZrO3 Modified (K0.5Na0.5)NbO3 Ceramics as High-Temperature Ceramic Capacitors. Journal of Electronic Materials, 2018, 47, 7106-7113.	2.2	12
268	Correlation between crystal structure and microwave dielectric properties of two garnet-type ceramics in rare-earth-free gallates. Journal of the European Ceramic Society, 2021, 41, 1962-1968.	5.7	12
269	Influence of cation order on crystal structure and microwave dielectric properties in xLi4/3Ti5/3O4-(1-x)Mg2TiO4 (0.6 â‰¤ x â‰¤ 0.9) spinel solid solutions. Journal of the European Ceramic Society, 2021, 41, 7683-7688.	5.7	12
270	Structure, Raman spectra and microwave dielectric properties of novel garnet-type Ca₃MZrGe₃O₁₂ (M = Co, Zn) ceramics. Journal of Asian Ceramic Societies, 2021, 9, 424-432.	2.3	12

#	Article	IF	Citations
271	Chemical bond and microwave dielectric properties of two novel low-Îµr AGa4O7 (Aâ€‰=â€‰Ca, Sr) ceramics. Journal of the European Ceramic Society, 2022, 42, 478-484.	5.7	12
272	Anomalous microwave dielectric behaviour induced by the orthorhombic-tetragonal phase transition in CaLaGaO4 ceramics. Journal of the European Ceramic Society, 2022, 42, 1474-1479.	5.7	12
273	Characterization of structure and chemical bond in high-Q microwave dielectric ceramics LiM2GaTi2O8 (MÂ=ÂMg, Zn). Journal of the European Ceramic Society, 2022, 42, 4573-4579.	5.7	12
274	Characterization and dielectric properties of Sr4La2Ti4M6O30(M=Nb, Ta) ceramics. Journal of Materials Science: Materials in Electronics, 2004, 15, 699-701.	2.2	11
275	Dielectric Properties of Ba₄Sm₂Fe₂M₈O₃₀ (M=Nb, Ta) with Tetragonal Bronze Structure. Journal of the American Ceramic Society, 2010, 93, 2430-2433.	3.8	11
276	Adjustable dielectric properties of Li2CuxZn1â^'xTi3O8 (x=0 to 1) ceramics with low sintering temperature. Ceramics International, 2012, 38, 6431-6434.	4.8	11
277	Phase structure, band gap and microwave dielectric properties of Ba8Ti3Nb4â^'xSbxO24 ceramics. Ceramics International, 2013, 39, 579-583.	4.8	11
278	Facile synthesis of visible-light-driven Ag3PO4 nanocrystals base on IP6 micelles. Catalysis Communications, 2014, 55, 65-69.	3.3	11
279	Series of thermally stable Li1+2x Mg4â^'x V3O12 ceramics: low temperature sintering characteristic, crystal structure and microwave dielectric properties. Journal of Materials Science: Materials in Electronics, 2014, 25, 1480-1484.	2.2	11
280	Relaxor behavior and ferroelectric properties of a new Ba 4 SmFe 0.5 Nb 9.5 O 30 tungsten bronze ceramic. Ceramics International, 2016, 42, 14999-15004.	4.8	11
281	Theoretical analysis of hollow ring-core optical fibre for transmitting orbital angular momentum modes. Journal of Modern Optics, 2017, 64, 1818-1832.	1.3	11
282	Improved photocathodic performance in Pt catalyzed ferroelectric BiFeO₃ films sandwiched by a porous carbon layer. Chemical Communications, 2017, 53, 7052-7055.	4.1	11
283	Structural, thermal and microwave dielectric properties of the novel microwave material Ba 2 TiGe 2 O 8. Ceramics International, 2018, 44, 10824-10828.	4.8	11
284	Structure and infrared reflectivity spectra of novel Mg3Ga2GeO8 microwave dielectric ceramic with high Q. Ceramics International, 2021, 47, 2450-2455.	4.8	11
285	Chemical bond characteristics and infrared reflectivity spectrum of a novel microwave dielectric ceramic CaIn2O4 with near-zero Ï„. Journal of the European Ceramic Society, 2021, 41, 4473-4477.	5.7	11
286	Effect of laser fluence on the microstructure and dielectric properties of pulsed laser-deposited CaCu3Ti4O12 thin films. Journal of Crystal Growth, 2008, 310, 3470-3473.	1.5	10
287	Microwave dielectric properties of Ba2â^'Sr La3Ti3NbO15 ceramics. Materials Letters, 2008, 62, 4121-4123.	2.6	10
288	Low-temperature sintering and compatibility with silver electrode of Ba4MgTi11O27 microwave dielectric ceramic. Materials Research Bulletin, 2010, 45, 1509-1512.	5.2	10

#	Article	IF	Citations
289	Microwave dielectric properties and compatibility with silver of low-fired Ba2Ti3Nb4O18 ceramics with BaCu(B2O5) addition. Journal of Materials Science: Materials in Electronics, 2012, 23, 238-242.	2.2	10
290	Microwave dielectric properties of Ba2Ti3Nb4O18 ceramic doped with ZnOâ€“B2O3â€“SiO2 glass and its compatibility with silver electrode. Journal of Materials Science: Materials in Electronics, 2012, 23, 640-644.	2.2	10
291	Effects of Bi(Zn0.5Zr0.5)O3 addition on the structure and electric properties of BaTiO3 lead-free piezoelectric ceramics. Ceramics International, 2013, 39, 3747-3751.	4.8	10
292	Ba4LiNb3â^'xSbxO12: Phase evolution, microstructure and optimized microwave dielectric properties. Materials Letters, 2013, 96, 199-202.	2.6	10
293	Design and Fabrication of Carbon Quantum Dots/TiO₂ Photonic Crystal Complex with Enhanced Photocatalytic Activity. Journal of Nanoscience and Nanotechnology, 2014, 14, 4156-4163.	0.9	10
294	Stabilization and tunable microwave dielectric properties of the rutile polymorph in Î±-PbO2-type GaTaO4-based ceramics. Journal of Materials Chemistry C, 2014, 2, 4957.	5.5	10
295	Phase composition and microwave dielectric properties of low-firing Li2A2W3O12 (AÂ=ÂMg, Zn) ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 5892-5895.	2.2	10
296	Enhanced visible light photocatalytic properties of TiO₂ thin films on the textured multicrystalline silicon wafers. Journal of Materials Chemistry A, 2015, 3, 4903-4908.	10.3	10
297	High-Q and near-zero Ï„ composite Li2Mg2TiO5-Sr3(VO4)2 ceramics for low-temperature co-fired ceramic applications. Ceramics International, 2020, 46, 8281-8286.	4.8	10
298	Packing fraction, bond valence and crystal structure of AVO4 (Aâ€‰=â€‰Eu, Y) microwave dielectric ceramics with low permittivity. Journal of Materials Science: Materials in Electronics, 2020, 31, 19180-19187.	2.2	10
299	Origin of ultrahigh thermal stability on dielectric permittivity and dipole glass-like behavior of 0.4Ba0.8Ca0.2TiO3-0.6Bi(Mg0.5Ti0.5)O3 based ceramics. Materials Research Bulletin, 2020, 130, 110942.	5.2	10
300	Novel low-permittivity microwave dielectric ceramics in garnet-type Ca4ZrGe3O12. Materials Letters, 2020, 275, 128149.	2.6	10
301	Microwave dielectric properties of silico-carnotite Ca3M2Si3O12 (M= Yb, Y) ceramics synthesized via high energy ball milling. Ceramics International, 2021, 47, 4831-4837.	4.8	10
302	Preparation and characterization of new dielectric ceramics Ba5LnTi2Nb3O18 (Ln = La, Nd). Journal of Materials Science: Materials in Electronics, 2005, 16, 43-46.	2.2	9
303	Dielectric and ferroelectric properties of tungsten bronze ferroelectrics in SrOâ€“Pr2O3â€“TiO2â€“Nb2O5 system. Materials Chemistry and Physics, 2010, 121, 114-117.	4.0	9
304	Phase stability, low temperature cofiring and microwave dielectric properties of BaTi5O11 ceramics with BaCu(B2O5) addition. Journal of Materials Science: Materials in Electronics, 2013, 24, 299-304.	2.2	9
305	Structure and enhanced piezoelectric response by chemical doping in PbTiO3â€“PbZrO3â€“Bi(Ni1/2Ti1/2)O3. Inorganic Chemistry Communication, 2013, 31, 66-68.	3.9	9
306	Ca(Zn1/3Nb2/3â^'xVx)O3 solid solution: Microstructural evolution, optimized sintering behavior and microwave dielectric properties. Ceramics International, 2014, 40, 3737-3741.	4.8	9

#	Article	IF	Citations
307	<scp><scp>Ba</scp></scp>₅<scp><scp>Li</scp></scp>₂<scp><scp>W</scp></scp>₃<scp>< A New <scp><scp>Li</scp></scp>â€Containing Perovskiteâ€Type Microwave Ceramic with High Q and Low Ï„_f. Journal of the American Ceramic Society, 2014, 97, 498-500.	3.8	9
308	A high Q and temperature stable microwave dielectric ceramic Ba4LiTa2SbO12. Ceramics International, 2014, 40, 7633-7636.	4.8	9
309	Low temperature sintering and microwave dielectric properties of Zn3Mo2O9 ceramic. Journal of Materials Science: Materials in Electronics, 2018, 29, 1907-1913.	2.2	9
310	(1-x)Li4WO5-xLiF: A novel oxyfluoride system and their microwave dielectric properties. Journal of Alloys and Compounds, 2020, 835, 155320.	5.5	9
311	Structure, far-infrared reflectance spectra, and microwave dielectric properties of Ba2MGa11O20 (M =) Tj ETQq1 1 0.784314 rgBT /O	4.8	9
312	Relationship between the structure and microwave dielectric properties of garnet ceramics Ca3B2GeV2O12 (B = Mg, Mn). Ceramics International, 2022, 48, 4318-4323.	4.8	9
313	Structural and chemical bond characteristics of microwave dielectric ceramics Sm3-Bi Ga5O12. Ceramics International, 2022, 48, 18723-18729.	4.8	9
314	Effects of Ionic Coordination Bonding on Microwave Dielectric Properties of Y₂CaBGa₄O₁₂ (B = Zr, Sn) Garnets. ACS Applied Electronic Materials, 2022, 4, 3512-3519.	4.3	9
315	Bis(imidazolium) tetrachlorocobaltate(II). Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m677-m678.	0.2	8
316	Characterization and microwave dielectric properties of a new A6B5O18-type cation-deficient perovskite Ba4Nd2Ti3Nb2O18. Journal of Materials Science, 2005, 40, 4427-4429.	3.7	8
317	Microwave dielectric properties of Ba3La2Ti2Nb2â^'xTaxO15 ceramics. Materials Letters, 2007, 61, 3093-3095.	2.6	8
318	Preparation and microwave dielectric properties of a new A5B4O15-type cation-deficient perovskites: Ba4LaTiTaO15. Materials Letters, 2008, 62, 670-672.	2.6	8
319	Microwave dielectric properties of a new A6B5O18-type cation deficient perovskites: Sr5LaTi2Nb3O18. Journal of Materials Science: Materials in Electronics, 2009, 20, 741-744.	2.2	8
320	Improved Microwave Dielectric Properties of Ba₆Ti_{1â^'x}Sn_xNb₄O₁₈ Ceramics. Journal of the American Ceramic Society, 2009, 92, 238-240.	3.8	8
321	The effect of calcium concentration on the photoluminescence of CaTiO3: Pr3+ films prepared by the solâ€“gel method. Optical Materials, 2009, 31, 1248-1251.	3.6	8
322	Microwave dielectric properties of Ba5Nb4O15 ceramic by molten salt method. Journal of Materials Science: Materials in Electronics, 2010, 21, 939-942.	2.2	8
323	Sr_{4â^'m}La_mTi_{mâ^'1}Ta_{4â^'m}O₁₂ (m=1, 2, 3): A Novel Series of A₄B₃O₁₂â€Type Microwave Ceramics with a High Q and Low Ï„_f. Journal of the American Ceramic Society, 2010, 93, 1884-1887.	3.8	8
324	EFFECTS OF Eu-DOPING SITE ON STRUCTURAL AND PHOTOLUMINESCENT PROPERTIES OF CaTiO₃ PARTICLES. Journal of Advanced Dielectrics, 2011, 01, 215-221.	2.4	8

#	Article	IF	Citations
325	Temperature dependent of thermal expansion and ferroelectric properties for BiAlO3-modified BaTiO3 lead-free ceramics. Current Applied Physics, 2014, 14, 13-17.	2.4	8
326	Dielectric and ferroelectric properties of unfilled tungsten bronze KBa3RNb10O30 ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 515-520.	2.2	8
327	Thermally stable BaTiO3â€“Bi(Zn0.75W0.25)O3 solid solution with high relative permittivity and low dielectric loss. Journal of Materials Science: Materials in Electronics, 2015, 26, 1413-1418.	2.2	8
328	Molten Salt Synthesis, Polymorphism, and Microwave Dielectric Properties of Ba 8 NiTa 6 O 24 Perovskite. Journal of the American Ceramic Society, 2015, 98, 2451-2458.	3.8	8
329	Study on the hydrothermal synthesis of barium titanate nano-powders and calcination parameters. Journal of Materials Science: Materials in Electronics, 2015, 26, 8555-8562.	2.2	8
330	A novel low-firing BiZn2VO6 microwave dielectric ceramic with low loss. Journal of Materials Science: Materials in Electronics, 2016, 27, 210-214.	2.2	8
331	Structure and microwave dielectric properties of Ba3Nb4-4Ti4+5O21 ceramics with medium-high permittivity. Journal of Alloys and Compounds, 2020, 820, 153159.	5.5	8
332	Modulation of microwave dielectric properties in melilite-structured SrREGa3O7 (RE = La, Pr) ceramics. Ceramics International, 2022, 48, 6218-6224.	4.8	8
333	Dynamic Behavior of Polar Nanoregions in Reâ€Entrant Relaxor 0.6Bi(Mg_{1/2}Ti_{1/2})O₃â€“0.4PbTiO₃. Physica Status Solidi (A) Applications and Materials Science, 2022, 219, .	1.8	8
334	A New Lowâ€Loss Microwave Dielectric Ceramic Sr₄LaTiNb₃O₁₅. Journal of the American Ceramic Society, 2008, 91, 2769-2771.	3.8	7
335	Enhanced photoluminescence of CaTiO3:Pr3+ phosphor films deposited on SiO2 buffered Si substrates. Thin Solid Films, 2009, 517, 3398-3401.	1.8	7
336	Two novel A4B3O12-type microwave ceramics with high-Q and near-zero Ï„f. Journal of Materials Research, 2010, 25, 1239-1242.	2.6	7
337	A new microwave dielectric ceramic for LTCC applications. Journal of Materials Science: Materials in Electronics, 2010, 21, 849-853.	2.2	7
338	Electrocaloric effect in PbZrxTi1-xO3/PbTiO3 superlattices. Current Applied Physics, 2011, 11, S197-S199.	2.4	7
339	High Îµr and low loss microwave dielectric ceramics Ba3LiNb3â^'xTaxTi5O21. Materials Chemistry and Physics, 2012, 136, 599-603.	4.0	7
340	Microwave dielectric properties and chemical compatibility with silver electrode of low-fired Li2Cu0.2Mg0.8Ti3O8 ceramic. Ceramics International, 2013, 39, 8503-8506.	4.8	7
341	Crystal structure and optimized microwave dielectric properties of (1Ââ^'Âx) LiZn0.5Ti1.5O4â€“xTiO2 ceramics for application in dielectric resonator. Journal of Materials Science: Materials in Electronics, 2013, 24, 2641-2645.	2.2	7
342	Microwave dielectric properties of temperature stable (1Ââ^'Âx)BaCaV2O7â€“xTiO2 composite ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 9134-9138.	2.2	7

#	Article	IF	Citations
343	Sintering behavior and microwave dielectric properties of LiMVO4 (MÂ=ÂMg, Zn). Journal of Materials Science: Materials in Electronics, 2015, 26, 9117-9121.	2.2	7
344	Temperature stable microwave dielectric ceramics in Li1.33xZn2-2xTi1+0.67xO4 (0.75Â<ÂxÂ<Â1) cubic spinels and their chemical compatibility with silver. Journal of Alloys and Compounds, 2017, 722, 1002-1007.	5.5	7
345	Correlation between vibrational modes, crystal structures, and dielectric properties of (1 â^) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf ceramics. Journal of Materials Research, 2018, 33, 4071-4079.	2.6	7
346	Cation distribution and bond energy of intermediate spinel Mg(Zn0.5Ti0.5)2Ga(2â^'2)O4 microwave dielectric ceramics. Ceramics International, 2021, 47, 33731-33737.	4.8	7
347	Effects of LiF addition on the densification and microwave dielectric properties of LiInO2 ceramics. Ceramics International, 2021, 47, 28960-28967.	4.8	7
348	Nd:GdVO4 thin films grown on La3Ga5SiO14 (LGS) and sapphire substrates by pulsed laser deposition properties. Journal of Crystal Growth, 2005, 281, 426-431.	1.5	6
349	Hexaimidazolium tetrachloromanganate(II) hexachloromanganate(II). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m658-m660.	0.2	6
350	Large enhancement of photoluminescence in SrTiO3:Pr3+ powders by fluorhydric acid treatment. Journal of Luminescence, 2010, 130, 1349-1352.	3.1	6
351	Ba₄Ln₂Fe₂Nb₈O₃₀ (Ln = Eu, Gd) Ferroelectric Ceramics. Ferroelectrics, 2010, 404, 33-38.	0.6	6
352	Characterization and dielectric properties of Sr4M2Ti4Ta6O30 (M=Pr and Eu) ceramics. Journal of Alloys and Compounds, 2010, 500, L9-L11.	5.5	6
353	Microwave dielectric properties of Ba3LiNb3â^'xSbxTi5O21(x=0â€“3) ceramics. Materials Letters, 2012, 76, 73-76.	2.6	6
354	Microwave dielectric properties and compatibility with silver of low-fired Li2Cu0.1Zn0.9Ti3O8 ceramic. Materials Letters, 2012, 81, 34-36.	2.6	6
355	Phase transition and electric properties of (1Ââ^'Âx)BaTiO3â€“xSr1.9Ca0.1NaNb5O15 perovskite solid solutions. Journal of Materials Science: Materials in Electronics, 2013, 24, 2873-2879.	2.2	6
356	Improvement on ferroelectric and piezoelectric properties of (K0.5Na0.5)NbO3 ceramic with Sr0.53Ba0.47Nb2O6 addition. Journal of Materials Science: Materials in Electronics, 2013, 24, 770-775.	2.2	6
357	Dielectric and optical properties of Ba5AFe0.5Ta9.5O30 (AÂ=ÂK, Li) tungsten bronze ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 3891-3896.	2.2	6
358	Structure and Electrical Properties of LiF Doped 0.996(0.95K_{0.5}Na_{0.5}NbO₃-0.05LiSbO₃)-0.004BiFeO₃ Piezoelectric Ceramics. Ferroelectrics, 2014, 467, 99-109.	0.6	6
359	Enhanced high-temperature piezoelectric properties of traditional Pb(Zr,Ti)O₃ceramics by a small amount substitution of KNbO₃. Materials Research Express, 2014, 1, 046301.	1.6	6
360	Microwave Dielectric Properties of <scp><scp>MLi</scp></scp>₂<scp><scp>Ti</scp></scp>₆<scp><scp>O</scp></scp>₁₄ [M=Ba and Sr] Ceramics and Their Compatibility with Sliver. Journal of the American Ceramic Society, 2014, 97, 3740-3743.	3.8	6

#	Article	IF	Citations
361	An approach to further improve piezoelectric and ferroelectric properties of (K0.5Na0.5)NbO3 ceramic. Journal of Materials Science: Materials in Electronics, 2014, 25, 2634-2637.	2.2	6
362	Characterization and microwave dielectric properties of BiCa2VO6 ceramic. Journal of Materials Science: Materials in Electronics, 2015, 26, 9546-9551.	2.2	6
363	Li2Zn2W2O9: A novel low-temperature sintering microwave dielectric ceramic with corundum structure. Ceramics International, 2016, 42, 5553-5557.	4.8	6
364	Effects of barium substitution on the sintering behavior, dielectric properties of Ca₂Nb₂O₇ ferroelectric ceramics. Journal of Advanced Dielectrics, 2017, 07, 1750013.	2.4	6
365	Preparation, crystal structure, and dielectric characterization of Li₂W₂O₇ ceramic at RF and microwave frequency range. Journal of Advanced Dielectrics, 2017, 07, 1720001.	2.4	6
366	Temperatureâ€stable unfilled tungsten bronze dielectric ceramics: Ba_{3.5}Sm_{1.5}Fe_{0.75}Nb_{9.25}O₃₀. International Journal of Applied Ceramic Technology, 2017, 14, 269-273.	2.1	6
367	Dielectric properties of unfilled tetragonal tungsten bronze Ba4PrFe0.5Nb9.5O30 ceramics. Journal Wuhan University of Technology, Materials Science Edition, 2017, 32, 904-909.	1.0	6
368	Reaction sintering of a rock salt structured Li4WO5 ceramic and its microwave dielectric properties. Journal of Materials Science: Materials in Electronics, 2018, 29, 6397-6402.	2.2	6
369	Dielectric properties of Ln2O3-WO3 ceramics at microwave frequencies. Materials Chemistry and Physics, 2018, 206, 110-115.	4.0	6
370	Two low-Îµr phenakite-structure LiAGeO4 (A = Al, Ga) microwave dielectric ceramics with different structure ordering. Ceramics International, 2021, 47, 11022-11028.	4.8	6
371	Microwave dielectric properties of Ba4LaTiNb3â^'x Ta x O15 ceramics. Journal of Materials Science: Materials in Electronics, 2008, 19, 543-546.	2.2	5
372	Ba2La2TiTa2O12: A new low loss microwave dielectric of A4B3O12-type cation-deficient perovskite. Journal of Materials Science: Materials in Electronics, 2009, 20, 671-674.	2.2	5
373	Combined experimental and theoretical study of the low temperature dielectric and magnetic properties of trivalent Eu ion doped SrTiO3 ceramics. Journal of Applied Physics, 2012, 111, .	2.5	5
374	SbVO4 doped ZnOâ€“V2O5-based varistor ceramics: microstructure, electrical properties and conductive mechanism. Journal of Materials Science: Materials in Electronics, 2013, 24, 2721-2726.	2.2	5
375	Influences of oxide chemical modified on microstructure and electrical properties of PbTiO3-Bi(Ni1/2Ti1/2)O3. Inorganic Chemistry Communication, 2013, 27, 9-12.	3.9	5
376	Effect of Sb5+ substitution on the dielectric properties of Ba3LiTa3Ti5O21 ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 272-276.	2.2	5
377	Dielectric properties and high-temperature dielectric relaxation of Ba4Gd2Fe2Nb8â^'xTaxO30 ceramics. Journal of Materials Science: Materials in Electronics, 2014, 25, 87-92.	2.2	5
378	Effects of sintering temperature and Ca substitution on microwave dielectric properties of Mg3V2O8. Journal of Materials Science: Materials in Electronics, 2015, 26, 5342-5346.	2.2	5

#	Article	IF	Citations
379	Effects of Zn non-stoichiometry on the phase evolution and microwave dielectric properties of Li2Zn1â˜'xGe3O8 (0â€‰â‰€â€‰xâ€‰â‰€â€‰0.2) spinels. Journal of Materials Science: Materials in Electronics, 2017, 28, 15605-15611.	2.2	5
380	Preparation and characterization of high Curie-temperature piezoelectric ceramics in a new Bi-based perovskite of (1 â˜' x)PbTiO3-xBi(Zn1/2Hf1/2)O3. Inorganic Chemistry Frontiers, 2017, 4, 1352-1355.	6.0	5
381	Influence of Ti4+ substitution for Ta5+ on the crystal structure, Raman spectra, and microwave dielectric properties of Ba3Ta4-4xTi4+5xO21 ceramics. Ceramics International, 2020, 46, 4197-4203.	4.8	5
382	Preparation and dielectric properties of co-contained unfilled tungsten bronze ceramics Ba4RCo0.5Nb9.5O30. Journal of Materials Science: Materials in Electronics, 2021, 32, 24939-24952.	2.2	5
383	The structure evolution and lattice energy of spinel-structured Li(Mg0.5Ti0.5) Ga5â˜'O8 microwave dielectric ceramics. Ceramics International, 2021, 47, 31732-31739.	4.8	5
384	Bis(pyridinium) tetrabromocobaltate(II). Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m609-m610.	0.2	4
385	Ba3LaTa3O12: A new microwave dielectric of A4B3O12-type cation-deficient perovskites. Materials Letters, 2008, 62, 594-596.	2.6	4
386	Low Temperature Cofiring and Compatibility with Silver Electrode of Li3NbO4Ceramics with B2O3Addition. Japanese Journal of Applied Physics, 2010, 49, 111506.	1.5	4
387	Preparation and electrical properties of the new lead-free (1 −) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (x)Bi piezoelectric ceramics. Journal of the Ceramic Society of Japan, 2015, 123, 1038-1042.	1.1	4
388	Dielectric and impedance spectroscopy analysis of LiCa₃MgV₃O₁₂ with garnet structure. Materials Research Innovations, 2016, 20, 117-120.	2.3	4
389	Temperature stable microwave dielectric ceramics in LiCa3â˜'x Sr x MgV3O12 ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 10958-10962.	2.2	4
390	Effect of rare earth on dielectric properties of Mn contained unfilled tungsten bronze ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 17393-17404.	2.2	4
391	Phase evolution and microwave dielectric properties of the Li2(1+x)ZnGe3O8 spinel oxides. Journal of Materials Science: Materials in Electronics, 2020, 31, 13496-13502.	2.2	4
392	Efficient hydrothermal growth of high-performance MoS2/pyramid-Si photocathodes by surface hydrophilicity engineering. Applied Physics Letters, 2021, 118, .	3.3	4
393	Preparation and characterization of new microwave dielectric ceramics Ba3â˜'nLa1+nTinNb3â˜'nO12. Transactions of Nonferrous Metals Society of China, 2006, 16, s521-s523.	4.2	3
394	INFLUENCE OF n ON STRUCTURE AND MICROWAVE DIELECTRIC PROPERTIES OF SOMEA_nB_{n - 1}O_{3n}PEROVSKITES. Journal of Advanced Dielectrics, 2011, 01, 135-140.	2.4	3
395	Novel middle permittivity ceramic Ba4CoTi11O27: Sintering characteristic, cations distribution, crystal structure and microwave dielectric properties. Ceramics International, 2015, 41, 5191-5195.	4.8	3
396	Phase transformation and microwave dielectric properties of Ba4LiTa3â˜'xSbxO12. Ceramics International, 2015, 41, 6653-6656.	4.8	3

#	Article	IF	Citations
397	Sintering Behavior, Microstructure, and Microwave Dielectric Properties of Li4(1+x)WO5 (0Ââ‰ÂxÂâ‰Â0.08). Journal of Electronic Materials, 2017, 46, 4047-4051.	2.2	3
398	Microwave dielectric properties of Na 2x Ba 1-x Li 2 Ti 6 O 14 ceramics and their chemical compatibility with silver. Materials Chemistry and Physics, 2017, 195, 275-282.	4.0	3
399	Two low-firing microwave dielectric ceramics Na2LnMg2V3O12 (Lnâ€‰=â€‰Pr, Yb) and their chemical compatibility with silver. Journal of Materials Science: Materials in Electronics, 2017, 28, 12342-12347.	2.2	3
400	Enhancing power conversion efficiency of multicrystalline silicon solar cells by plasmonic effect of Ag nanoparticles embedded in SiNx layer. AIP Advances, 2019, 9, .	1.3	3
401	High dielectric temperature stability and dielectric relaxation mechanism of (K0.5Na0.5)NbO3-LaBiO3 ceramics. Journal of Electroceramics, 2021, 46, 72-82.	2.0	3
402	Novel Fe2.55Sb2 Alloy Nanoparticles incorporated in N-doped Carbon as Bifunctional Oxygen Electrocatalyst for Rechargeable Zn-Air Battery. New Journal of Chemistry, 0, , .	2.8	3
403	Anomalous dielectric properties in (BaSr)TiO3 films fabricated by pulsed-laser deposition in N2 atmosphere. Solid State Communications, 2005, 135, 707-710.	1.9	2
404	Bis(pyridinium) tetrabromocadmate(II) monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m101-m102.	0.2	2
405	catena-Poly[imidazolium [[diaquadichloromanganese(II)]-Î¼-chloro]]. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m1459-m1461.	0.2	2
406	Polarization fatigue and photoinduced current in (Pb0.72La0.28)Ti0.93O3 buffered Pb(Zr0.52Ti0.48)O3 films on platinized silicon. Materials Research Bulletin, 2009, 44, 803-806.	5.2	2
407	Temperature-stable and low loss Fe-containing dielectrics in BaO-Ln2O3-Fe2O3-Ta2O5 system. Journal of Materials Science: Materials in Electronics, 2011, 22, 1208-1212.	2.2	2
408	Bi4Ti3O12 modified low voltage ZnO-based varistors: microstructure, electrical properties and aging characteristics. Journal of Materials Science: Materials in Electronics, 2013, 24, 4987-4992.	2.2	2
409	Reply to the comment on â€œOrthorhombic to tetragonal structural phase transition in Na 0.5 K 0.5 NbO 3 -based ceramicsâ€•by Laijun Liu et al. Materials Letters (2012). Materials Letters, 2014, 136, 202-204.	2.6	2
410	Improved Photocathodic Properties of Ferroelectric PbTiO3 Films Using Agâ€“Pt Bimetallic Catalyst. Energy and Environment Focus, 2015, 4, 95-100.	0.3	2
411	Dielectric and complex impedance analysis of Sr5Nb4TiO17 ceramic with perovskite-like structure. Journal of Materials Science: Materials in Electronics, 2015, 26, 8714-8719.	2.2	2
412	Phase Transition and Microwave Dielectric Properties of Low-Temperature Sintered BiCu2VO6 Ceramic and its Chemical Compatibility with Silver. Journal of Electronic Materials, 2016, 45, 262-266.	2.2	2
413	Microstructure and microwave Dielectric Properties of Sm_{0.5}Y_{0.5}VO₄ Ceramics. IOP Conference Series: Materials Science and Engineering, 0, 423, 012071.	0.6	2
414	High-temperature dielectric relaxation mechanism in Ba4SmFe0.5Nb9.5O30 tungsten bronze ceramics. Ceramics International, 2018, 44, S224-S227.	4.8	2

#	Article	IF	Citations
415	Preparation and dielectric properties of Ba4â^'xSm2Fe2â^'xNb8+xO30 tungsten bronze ceramics with an adjustable structure that changes from filled to unfilled. Materials Research Bulletin, 2019, 114, 18-27.	5.2	2
416	Improving the microwave dielectric properties of Ga2[LiGa3]O8 inverse spinel by enhancing B-site ordering degree. Ceramics International, 2022, 48, 896-902.	4.8	2
417	Phase Structure and Microwave Dielectric Properties of Low-Firing Zn_{1-x}(Li_{1/2}Sm_{1/2})_xWO₄Ceramics. Japanese Journal of Applied Physics, 2012, 51, 081502.	1.5	2
418	The Impact of Artificial Marble Wastes on Heat Deflection Temperature, Crystallization, and Impact Properties of Polybutylene Terephthalate. Polymers, 2021, 13, 4242.	4.5	2
419	Monopotassium octapyridinium tris[hexachlorobismuthate(III)]. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m1819-m1821.	0.2	1
420	Structural and optical properties of Nd:LuVO4 waveguides grown on sapphire substrates by pulsed laser deposition. Journal of Crystal Growth, 2005, 277, 269-273.	1.5	1
421	Characterization and properties of new dielectric ceramics Ba5LnZnNb9O30(Ln=La, Nd and Sm). Transactions of Nonferrous Metals Society of China, 2006, 16, s534-s537.	4.2	1
422	Diimidazolium aquapentakis(nitrato)neodymate(III). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m854-m856.	0.2	1
423	Preparation, structure and dielectric properties of tungsten bronze ferroelectrics in SrO-Eu2O3-TiO2-Nb2O5 system. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 311-314.	1.0	1
424	Phase Structure and Microwave Dielectric Properties of Low-Firing Zn$_{1-x}$(Li$_{1/2}$Sm$_{1/2}$)$_{x}$WO$_{4}$ Ceramics. Japanese Journal of Applied Physics, 2012, 51, 081502.	1.5	1
425	Understanding improved photoelectrochemical performance in BaxSr1â^'xTiO3/TiO2 rodâ€"shell nanostructures. AIP Advances, 2021, 11, .	1.3	1
426	Influence of oxygen pressure on Nd:LuVO4 films grown by pulsed laser deposition. Materials Research Bulletin, 2005, 40, 1915-1921.	5.2	0
427	Dichlorotetrapyridinenickel(II) 0.76-hydrate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m180-m182.	0.2	0
428	Bis(imidazolium) hexachlorostannate(IV). Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m543-m544.	0.2	0
429	Diaquatetraimidazolecobalt(II) dibromide. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m1389-m1390.	0.2	0
430	Diaquadibromobis(1H-imidazole)nickel(II). Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m1391-m1392.	0.2	0
431	Di-Î¼-oxo-bis[(2,2â€²-bipyridine)cobalt(III)] bis(perchlorate). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m934-m935.	0.2	0
432	Dielectric and ferroelectric properties of Ba<inf>4</inf>Gd<inf>2</inf>Fe<inf>2</inf>Nb<inf>8</inf>O<inf>30</inf> with filled tungsten-bronze structure. , 2009, , .	0	

#	Article	IF	Citations
433	Preparation, characterization and dielectric properties of Sr5RTi3Ta7O30 (R=Pr and Eu) ferroelectric ceramics. Journal Wuhan University of Technology, Materials Science Edition, 2010, 25, 291-294.	1.0	0
434	Synthesis, crystal structures and characterization of Ba5LiTiNb9O30. Chinese Journal of Chemistry, 2010, 22, 434-436.	4.9	0
435	The effect of annealing on the photoluminescence of layered perovskite H1.77[Sr0.8Bi0.21Ta2O7] powders. Materials Research Bulletin, 2011, 46, 52-56.	5.2	0
436	Dielectric and Ferroelectric Properties of (K_{0.5}Na_{0.5})(Nb_{1â^'x}V_x)O₃ Ceramics. Advanced Materials Research, 2011, 415-417, 1013-1016.	0.3	0
437	TiO₂ Added Zn-Bi Based Varistors: Microstructure, I-V, Flow and Aging Characteristics. Key Engineering Materials, 0, 633, 303-307.	0.4	0
438	High-temperature dielectric and impedance spectroscopy of Ca2NaNb3O10 ceramic. Journal of Materials Science: Materials in Electronics, 2017, 28, 13673-13677.	2.2	0
439	Efficient photocatalytic degradation by a silicon solar cell module with two Schottky junction TiO2/Ti electrodes. Applied Physics Letters, 2018, 112, 063905.	3.3	0
440	Synthesis of Ni₃Bi₂S₂ Coupled with N-Doped Carbon Sheets as Electrocatalyst for Triiodide and Oxygen Reduction. Journal of Nanoscience and Nanotechnology, 2021, 21, 4740-4748.	0.9	0
441	Preparation of polybutylene terephthalate/artificial marble wastes composites with simultaneously enhanced thermal, crystallization, and impact properties by in situ polymerization. Journal of Thermoplastic Composite Materials, 0, , 089270572210778.	4.2	0