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	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
2	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
3	Relationship between the structure and microwave dielectric properties of garnet ceramics Ca3B2GeV2O12 (B = Mg, Mn). Ceramics International, 2022, 48, 4318-4323.	4.8	9
4	Modulation of microwave dielectric properties in melilite-structured SrREGa3O7 (RE = La, Pr) ceramics. Ceramics International, 2022, 48, 6218-6224.	4.8	8
5	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
6	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
7	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
8	Structural and chemical bond characteristics of microwave dielectric ceramics Sm3-Bi Ga5O12. Ceramics International, 2022, 48, 18723-18729.	4.8	9
9	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
10	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
11	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
12	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
13	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
14	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
15	Structure and infrared reflectivity spectra of novel Mg3Ga2GeO8 microwave dielectric ceramic with high Q. Ceramics International, 2021, 47, 2450-2455.	4.8	11
16	Strong tribocatalytic dye degradation by tungsten bronze Ba4Nd2Fe2Nb8O30. Ceramics International, 2021, 47, 5038-5043.	4.8	31
17	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
18	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

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19	Efficient hydrothermal growth of high-performance MoS2/pyramid-Si photocathodes by surface hydrophilicity engineering. Applied Physics Letters, 2021, 118, .	3.3	4
20	Structure, far-infrared reflectance spectra, and microwave dielectric properties of Ba2MGa11O20 (M =) Tj ETQq0 0 0 rgBT /Overlock 10	4.8	9
21	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
22	Structure and chemical bond characteristics of two low-Îµ microwave dielectric ceramics LiBO2 (B =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	5.7	44
23	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
24	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
25	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
26	Tunability of Ï„ in garnet-structured Y3Ga5O12 microwave dielectric ceramics. Journal of the European Ceramic Society, 2021, 41, 7711-7716.	5.7	28
27	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
28	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
29	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
30	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
31	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
32	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
33	Understanding improved photoelectrochemical performance in BaxSr1â^'xTiO3/TiO2 rodâ€“shell nanostructures. AIP Advances, 2021, 11, .	1.3	1
34	Effects of LiF addition on the densification and microwave dielectric properties of LiInO2 ceramics. Ceramics International, 2021, 47, 28960-28967.	4.8	7
35	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
36	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

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37	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
38	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
39	The Impact of Artificial Marble Wastes on Heat Deflection Temperature, Crystallization, and Impact Properties of Polybutylene Terephthalate. Polymers, 2021, 13, 4242.	4.5	2
40	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
41	Li5Ti2O6F: a new low-loss oxyfluoride microwave dielectric ceramic for LTCC applications. Journal of Materials Science, 2020, 55, 107-115.	3.7	31
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	Structure, Raman spectra and properties of two low-Îµ microwave dielectric ceramics Ca3B2Ge3O12 (B =) Tj ETQq0 0 0 rgBT /Overlock	4.8	25
53	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
54	Enhanced photoelectrochemical performance in BiFeO3/g-C3N4 pâ€“n heterojunction photocathodes with ferroelectric polarization. Journal of Applied Physics, 2020, 128, .	2.5	13

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55	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
56	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
57	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
58	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
59	Crystal structure, Raman spectra and microwave dielectric properties of novel temperature-stable LiYbSiO4 ceramics. Ceramics International, 2020, 46, 19996-20003.	4.8	33
60	Novel low-permittivity microwave dielectric ceramics in garnet-type Ca4ZrGe3O12. Materials Letters, 2020, 275, 128149.	2.6	10
61	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
62	Fano resonance lineshapes in a waveguide-microring structure enabled by an air-hole. APL Photonics, 2020, 5, .	5.7	42
63	(1-x)Li4WO5-xLiF: A novel oxyfluoride system and their microwave dielectric properties. Journal of Alloys and Compounds, 2020, 835, 155320.	5.5	9
64	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
65	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
66	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
67	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
68	Enhanced photocatalytic and photoelectrochemical performance of g-C3N4/BiVO4 heterojunction: A combined experimental and theoretical study. AIP Advances, 2019, 9, .	1.3	19
69	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
70	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
71	Phase evolution, far-infrared spectra, and ultralow loss microwave dielectric ceramic of Zn2Ge1+xO4+2x (â‰ˆâ€‰0.1â€‰â‰¤â€‰xâ€‰â‰¤â€‰0.2). Journal of Materials Science: Materials in Electronics, 2019, 30, 16651-16658.	2.2	9
72	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

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73	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
74	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
75	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
76	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
77	Structural, infrared reflectivity spectra and microwave dielectric properties of the Li7Ti3O9F ceramic. Ceramics International, 2019, 45, 10163-10169.	4.8	44
78	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
79	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
80	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
81	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
82	Copper nanoparticles with near-unity, omnidirectional, and broadband optical absorption for highly efficient solar steam generation. Nanotechnology, 2019, 30, 015402.	2.6	59
83	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
84	Enhanced photoelectrochemical water splitting of BiVO4 photonic crystal photoanode by decorating with MoS2 nanosheets. Applied Physics Letters, 2018, 112, .	3.3	15
85	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
86	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
87	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
88	Dielectric properties of Ln2O3-WO3 ceramics at microwave frequencies. Materials Chemistry and Physics, 2018, 206, 110-115.	4.0	6
89	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
90	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

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91	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
92	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
93	SrV2O6: An ultralow-firing microwave dielectric ceramic for LTCC applications. Materials Research Bulletin, 2018, 100, 377-381.	5.2	26
94	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
95	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
96	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
97	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
98	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
99	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
100	Low temperature sintering and microwave dielectric properties of Zn3Mo2O9 ceramic. Journal of Materials Science: Materials in Electronics, 2018, 29, 1907-1913.	2.2	9
101	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
102	Correlation between vibrational modes, crystal structures, and dielectric properties of (1 â^') Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T ceramics. Journal of Materials Research, 2018, 33, 4071-4079.	2.6	7
103	Enhancing ferroelectric photovoltaic effect by polar order engineering. Science Advances, 2018, 4, eaat3438.	10.3	152
104	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
105	High-temperature dielectric relaxation mechanism in Ba4SmFe0.5Nb9.5O30 tungsten bronze ceramics. Ceramics International, 2018, 44, S224-S227.	4.8	2
106	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
107	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
108	LiYGeO4: Novel low-permittivity microwave dielectric ceramics with intrinsic low sintering temperature. Materials Letters, 2018, 228, 96-99.	2.6	28

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109	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
110	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
111	Microwave dielectric properties in the Li4+Ti5O12 (0Ââ‰ÂxÂâ‰Â1.2) ceramics. Journal of Alloys and Compounds, 2017, 701, 295-300.	5.5	18
112	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
113	Enhanced Photoelectrochemical Performance in Reduced Graphene Oxide/BiFeO₃ Heterostructures. Small, 2017, 13, 1603457.	10.0	46
114	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
115	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
116	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
117	Effects of barium substitution on the sintering behavior, dielectric properties of Ca₂Nb₂O₇ ferroelectric ceramics. Journal of Advanced Dielectrics, 2017, 07, 1750013.	2.4	6
118	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
119	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
120	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
121	Improved photocathodic performance in Pt catalyzed ferroelectric BiFeO₃ films sandwiched by a porous carbon layer. Chemical Communications, 2017, 53, 7052-7055.	4.1	11
122	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
123	New eightâ€layer twinned hexagonal perovskite microwave dielectric ceramic Ba₈NiNb₆O₂₄. Journal of the American Ceramic Society, 2017, 100, 1212-1220.	3.8	13
124	Two novel low-firing Na2AMg2V3O12(A=Nd, Sm) ceramics and their chemical compatibility with silver. Ceramics International, 2017, 43, 2892-2898.	4.8	17
125	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
126	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

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127	Dual role of TiO2 buffer layer in Pt catalyzed BiFeO3 photocathodes: Efficiency enhancement and surface protection. Applied Physics Letters, 2017, 111, .	3.3	18
128	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
129	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
130	Dielectric and conductivity behavior of Mn-doped K0.5Na0.5NbO3 single crystal. Solid State Communications, 2017, 264, 1-5.	1.9	26
131	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
132	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
133	Enhanced photoelectrochemical properties of copper-assisted catalyzed etching black silicon by electrodepositing cobalt. Applied Physics Letters, 2017, 111, .	3.3	14
134	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
135	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
136	High-temperature dielectric and impedance spectroscopy of Ca2NaNb3O10 ceramic. Journal of Materials Science: Materials in Electronics, 2017, 28, 13673-13677.	2.2	0
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138	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
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