Di Zhou

List of Publications by Year in Descending Order

228 papers	7,089 citations	45 h-index	72 g-index
237 ext. papers	9,303 ext. citations	5.3 avg, IF	6.56 L-index

#	Paper	IF	Citations
228	Design of a Sub-6 GHz Dielectric Resonator Antenna with Novel Temperature-Stabilized (SmBi)NbO (= 0-0.15) Microwave Dielectric Ceramics.. *ACS Applied Materials & Interfaces*, **2022**,	9.5	5
227	Ultra-low temperature co-fired ceramics with adjustable microwave dielectric properties in the Na2OBi2O3MoO3 ternary system: a comprehensive study. *Journal of Materials Chemistry C*, **2022**, 10, 2008-2016	7.1	4
226	Perspectives on Working Voltage of Aqueous Supercapacitors.. *Small*, **2022**, e2106360	11	9
225	Perspectives on electrochemical nitrogen fixation catalyzed by two-dimensional MXenes. *Materials Reports Energy*, **2022**, 100076		1
224	Microwave dielectric properties of Mg1.8R0.2Al4Si5O18 (R = Mg, Ca, Sr, Ba, Mn, Co, Ni, Cu, Zn) cordierite ceramics and their application for 5G microstrip patch antenna. *Journal of the European Ceramic Society*, **2022**, 42, 2254-2260	6	2
223	Structure, Morphology and Electrical/Magnetic Properties of Ni-Mg Nano-Ferrites from a New Perspective.. *Nanomaterials*, **2022**, 12,	5.4	2
222	Structural, Magnetic, and AC Measurements of Nanoferrites/Graphene Composites.. *Nanomaterials*, **2022**, 12,	5.4	1
221	Impact of the A-site rare-earth ions (Ln3+ Sm3+, Eu3+, Gd3+) on structure and electrical properties of the high entropy LnCr0.2Mn0.2Fe0.2Co0.2Ni0.2O3 perovskites. *Ceramics International* , **2022**, 48, 9239-9247	5.1	2
220	Sandwich-type macroporous Ti3C2T MXene frameworks for supercapacitor electrode. *Scripta Materialia*, **2022**, 213, 114590	5.6	2
219	Wideband low-profile H-shaped dielectric patch antennas based microwave dielectric ceramics. *Applied Physics Letters*, **2022**, 120, 223301	3.4	0
218	Differentially Fed Duplex Filtering Dielectric Resonator Antenna with High Isolation and CM Suppression. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 1-1	3.5	6
217	Design of a High-Efficiency and -Gain Antenna Using Novel Low-Loss, Temperature-Stable LiTi-(CuNb)O Microwave Dielectric Ceramics. *ACS Applied Materials & Interfaces*, **2021**, 13, 912-923	9.5	52
216	Changes in the Structure, Magnetization, and Resistivity of BaFe12TixO19. *ACS Applied Electronic Materials*, **2021**, 3, 1583-1593	4	7
215	Dual-Band Filtering Dielectric Antenna Using High-Quality-Factor Y3Al5O12 Transparent Dielectric Ceramic. *Advanced Engineering Materials*, **2021**, 23, 2100115	3.5	8
214	Electroceramics for High-Energy Density Capacitors: Current Status and Future Perspectives. *Chemical Reviews*, **2021**, 121, 6124-6172	68.1	129
213	Flexible Ti3C2T x /Graphene Films with Large-Sized Flakes for Supercapacitors. *Small Structures*, **2021**, 2, 2100015	8.7	21
212	Dielectric resonator antenna with Y3Al5O12 transparent dielectric ceramics for 5G millimeter-wave applications. *Journal of the American Ceramic Society*, **2021**, 104, 4659-4668	3.8	10

211	Temperature-Stable x(Na0.5Bi0.5)MoO4(1−x)MoO3 Composite Ceramics with Ultralow Sintering Temperatures and Low Dielectric Loss for Dielectric Resonator Antenna Applications. *ACS Applied Electronic Materials*, **2021**, 3, 2286-2296	4	7
210	Structure and magnetodielectric properties of titanium substituted barium hexaferrites. *Ceramics International*, **2021**, 47, 17293-17306	5.1	14
209	Electromagnetic properties of zinc–nickel ferrites in the frequency range of 0.05–10 GHz. *Materials Today Chemistry*, **2021**, 20, 100460	6.2	7
208	High-temperature BaTiO3-based ternary dielectric multilayers for energy storage applications with high efficiency. *Chemical Engineering Journal*, **2021**, 414, 128760	14.7	20
207	Anomalous dielectric behaviour during the monoclinic to tetragonal phase transition in La(Nb0.9V0.1)O4. *Inorganic Chemistry Frontiers*, **2021**, 8, 156-163	6.8	13
206	Recent advances in all-in-one flexible supercapacitors. *Science China Materials*, **2021**, 64, 27-45	7.1	19
205	Cold sintered, temperature-stable CaSnSiO5-K2MoO4 composite microwave ceramics and its prototype microstrip patch antenna. *Journal of the European Ceramic Society*, **2021**, 41, 424-429	6	12
204	Enhancement of densification and microwave dielectric properties in LiF ceramics via a cold sintering and post-annealing process. *Journal of the European Ceramic Society*, **2021**, 41, 1726-1729	6	15
203	Effect of titanium substitution and temperature variation on structure and magnetic state of barium hexaferrites. *Journal of Alloys and Compounds*, **2021**, 859, 158365	5.7	18
202	Dielectric and energy storage properties of the (1-x)BaTiO3-xBi(Li1/3Hf2/3)O3 (0.08≤x≤0.14) ceramics. *Materials Letters*, **2021**, 283, 128823	3.3	12
201	Temperature stable Sm(Nb1−xVx)O4 (0.0 ≤ x ≤ 0.9) microwave dielectric ceramics with ultra-low dielectric loss for dielectric resonator antenna applications. *Journal of Materials Chemistry C*, **2021**, 9, 9962-9971	7.1	12
200	Cold sintering of microwave dielectric ceramics and devices. *Journal of Materials Research*, **2021**, 36, 333-349	2.5	14
199	5G microstrip patch antenna and microwave dielectric properties of cold sintered LiWVO6–K2MoO4 composite ceramics. *Ceramics International*, **2021**, 47, 19241-19246	5.1	7
198	High quality factor cold sintered LiF ceramics for microstrip patch antenna applications. *Journal of the European Ceramic Society*, **2021**, 41, 4835-4840	6	13
197	High-Quality-Factor AlON Transparent Ceramics for 5 GHz Wi-Fi Aesthetically Decorative Antennas. *ACS Applied Materials & Interfaces*, **2021**, 13, 46866-46874	9.5	7
196	Features of structure, magnetic state and electrodynamic performance of SrFeInO. *Scientific Reports*, **2021**, 11, 18342	4.9	18
195	Enhanced energy storage properties achieved in Na0.5Bi0.5TiO3-based ceramics via composition design and domain engineering. *Chemical Engineering Journal*, **2021**, 419, 129601	14.7	31
194	Exploration of crystal structure, magnetic and dielectric properties of titanium-barium hexaferrites. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2021**, 272, 115345	3.1	19

193	High-bandwidth microwave dielectric resonator antennas from BiVO4/ZnO composites. *Journal of the Australian Ceramic Society*, **2021**, 57, 369-377	1.5	2
192	Ni substitution effect on the structure, magnetization, resistivity and permeability of zinc ferrites. *Journal of Materials Chemistry C*, **2021**, 9, 5425-5436	7.1	29
191	Ultrahigh enhancement rate of the energy density of flexible polymer nanocomposites using core□shell BaTiO3@MgO structures as the filler. *Journal of Materials Chemistry A*, **2020**, 8, 11124-11132	13	101
190	The Effect of Heat Treatment on the Microstructure and Mechanical Properties of 2D Nanostructured Au/NiFe System. *Nanomaterials*, **2020**, 10,	5.4	43
189	Cold sintered LiMgPO4 based composites for low temperature co-fired ceramic (LTCC) applications. *Journal of the American Ceramic Society*, **2020**, 103, 6237-6244	3.8	17
188	Investigation of AC-Measurements of Epoxy/Ferrite Composites. *Nanomaterials*, **2020**, 10,	5.4	71
187	Extreme high energy storage efficiency in perovskite structured (1-x)(Ba0.8Sr0.2)TiO3-xBi(Zn2/3Nb1/3)O3 (0.04 □x □0.16) ceramics. *Journal of the European Ceramic Society*, **2020**, 40, 3343-3347	6	19
186	High thermal stability of RF dielectric properties of BiVO4 matrix with added ZnO. *Journal of Materials Science: Materials in Electronics*, **2020**, 31, 13078-13087	2.1	2
185	Temperature stable Li2Ti0.75(Mg1/3Nb2/3)0.25O3-based microwave dielectric ceramics with low sintering temperature and ultra-low dielectric loss for dielectric resonator antenna applications. *Journal of Materials Chemistry C*, **2020**, 8, 4690-4700	7.1	90
184	An ultra-broadband terahertz metamaterial coherent absorber using multilayer electric ring resonator structures based on anti-reflection coating. *Nanoscale*, **2020**, 12, 9769-9775	7.7	36
183	Direct Integration of Cold Sintered, Temperature-Stable Bi2Mo2O9-K2MoO4 Ceramics on Printed Circuit Boards for Satellite Navigation Antennas. *Journal of the European Ceramic Society*, **2020**, 40, 4029-4034	6	21
182	Enhanced Microwave Absorption of Reduced Graphene Oxide/Ni0.4Zn0.4Co0.2Fe2O4 Composite at Ultrathin Thickness. *Journal of Electronic Materials*, **2020**, 49, 1721-1727	1.9	3
181	Boosting photocatalytic activities of BiVO4 by creation of g-C3N4/ZnO@BiVO4 Heterojunction. *Materials Research Bulletin*, **2020**, 125, 110779	5.1	34
180	Cold sintered CaTiO3-K2MoO4 microwave dielectric ceramics for integrated microstrip patch antennas. *Applied Materials Today*, **2020**, 18, 100519	6.6	31
179	Dielectric resonator antennas based on high quality factor MgAl2O4 transparent dielectric ceramics. *Journal of Materials Chemistry C*, **2020**, 8, 14880-14885	7.1	22
178	Complex permittivity and complex permeability characteristics of Co□Ti doped barium strontium hexaferrite/paraffin wax composites for application in microwave devices. *Applied Physics A: Materials Science and Processing*, **2020**, 126, 1	2.6	1
177	Significantly enhanced electrostatic energy storage performance of P(VDF-HFP)/BaTiO3-Bi(Li0.5Nb0.5)O3 nanocomposites. *Nano Energy*, **2020**, 78, 105247	17.1	88
176	Novel scheelite-type [Ca0.55(Nd1-xBix)0.3]MoO4 (0.2□x□0.95) microwave dielectric ceramics with low sintering temperature. *Journal of the American Ceramic Society*, **2020**, 103, 7259-7266	3.8	17

175	Surface Recombination Passivation of the BiVO4 Photoanode by the Synergistic Effect of the Cobalt/Nickel Sulfide Cocatalyst. *ACS Applied Energy Materials*, **2020**, 3, 9089-9097	6.1	6
174	Raspberry-like LiFe5O8 nanoparticles embedded on MoS2 microflowers with excellent microwave absorption performance. *Journal of Materials Chemistry A*, **2020**, 8, 20337-20345	13	17
173	Vibrational spectroscopy and microwave dielectric properties of AY2Si3O10 (A=Sr, Ba) ceramics for 5G applications. *Ceramics International*, **2020**, 46, 1171-1177	5.1	49
172	Microwave dielectric properties of temperature-stable zircon-type (Bi, Ce)VO4 solid solution ceramics. *Journal of the American Ceramic Society*, **2020**, 103, 423-431	3.8	80
171	Structure, spectral analysis and microwave dielectric properties of novel x(NaBi)0.5MoO4-(1-x)Bi2/3MoO4 (x = 0.2 ~ 0.8) ceramics with low sintering temperatures. *Journal of the European Ceramic Society*, **2020**, 40, 3569-3576	6	41
170	Influence of Ag doping on the dielectric and magnetic properties of LiFe5O8 ceramics. *Journal of Alloys and Compounds*, **2019**, 785, 13-18	5.7	10
169	Novel water-assisting low firing MoO3 microwave dielectric ceramics. *Journal of the European Ceramic Society*, **2019**, 39, 2374-2378	6	31
168	The spectra analysis and microwave dielectric properties of [Ca0.55(Sm1-xBix)0.3]MoO4 ceramics. *Journal of the American Ceramic Society*, **2019**, 102, 3103-3109	3.8	16
167	Ultrahigh energy storage density lead-free multilayers by controlled electrical homogeneity. *Energy and Environmental Science*, **2019**, 12, 582-588	35.4	239
166	Temperature Stable Cold Sintered (BiLi)(VMo)O-NaMoO Microwave Dielectric Composites. *Materials*, **2019**, 12,	3.5	21
165	Cold-Sintered C0G Multilayer Ceramic Capacitors. *Advanced Electronic Materials*, **2019**, 5, 1900025	6.4	38
164	Microwave dielectric properties of the (1□)La(Nb0.9V0.1)O4-xCaMoO4 (0.05 □x □0.50) scheelite solid solution ceramics. *Journal of Alloys and Compounds*, **2019**, 789, 345-350	5.7	5
163	Microwave dielectric properties of low firing temperature stable scheelite structured (Ca,Bi)(Mo,V)O4 solid solution ceramics for LTCC applications. *Journal of the European Ceramic Society*, **2019**, 39, 2365-2373	6	111
162	Reduced clot debris size in sonothrombolysis assisted with phase-change nanodroplets. *Ultrasonics Sonochemistry*, **2019**, 54, 183-191	8.9	13
161	BaTiO3-Based Multilayers with Outstanding Energy Storage Performance for High Temperature Capacitor Applications. *ACS Applied Energy Materials*, **2019**, 2, 5499-5506	6.1	48
160	Novel and facile reduced graphene oxide anchored Ni-Co-Zn-Nd-ferrites composites for microwave absorption. *Scripta Materialia*, **2019**, 171, 42-46	5.6	19
159	Modification of NdNbO4 microwave dielectric ceramic by Bi substitutions. *Journal of the American Ceramic Society*, **2019**, 102, 2278-2282	3.8	76
158	Temperature independent low firing [Ca0.25(Nd1-xBix)0.5]MoO4 (0.2 □x □0.8) microwave dielectric ceramics. *Journal of Alloys and Compounds*, **2019**, 781, 385-388	5.7	14

157	Lattice dynamics and phonon characteristics of complex perovskite microwave ceramics. *IET Nanodielectrics*, **2019**, 2, 11-26	2.8	13
156	Bismuth ferrite-based lead-free ceramics and multilayers with high recoverable energy density. *Journal of Materials Chemistry A*, **2018**, 6, 4133-4144	13	232
155	Crystal structure, impedance and broadband dielectric spectra of ordered scheelite-structured Bi(Sc1/3Mo2/3)O4 ceramic. *Journal of the European Ceramic Society*, **2018**, 38, 1556-1561	6	34
154	Cold-Sintered Temperature Stable Na0.5Bi0.5MoO4–Li2MoO4 Microwave Composite Ceramics. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 2438-2444	8.3	65
153	High Energy Storage Density and Large Strain in Bi(Zn2/3Nb1/3)O3-Doped BiFeO3–BaTiO3 Ceramics. *ACS Applied Energy Materials*, **2018**, 1, 4403-4412	6.1	138
152	High Quality Factor, Ultralow Sintering Temperature Li6B4O9Microwave Dielectric Ceramics with Ultralow Density for Antenna Substrates. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 11138-11143	8.3	74
151	BaTiO3–Bi(Li0.5Ta0.5)O3, Lead-Free Ceramics, and Multilayers with High Energy Storage Density and Efficiency. *ACS Applied Energy Materials*, **2018**, 1, 5016-5023	6.1	72
150	BiVO4 based high k microwave dielectric materials: a review. *Journal of Materials Chemistry C*, **2018**, 6, 9290-9313	7.1	92
149	Temperature stable K0.5(Nd1−xBix)0.5MoO4 microwave dielectrics ceramics with ultra-low sintering temperature. *Journal of the American Ceramic Society*, **2018**, 101, 1806-1810	3.8	25
148	Crystal structure and microwave dielectric behaviors of scheelite structured (1-x)BiVO4-xLa2/3MoO4 (0.0 ≤ x ≤ 1.0) ceramics with ultra-low sintering temperature. *Journal of the European Ceramic Society*, **2018**, 38, 1535-1540	6	15
147	BiFeO3-BaTiO3: A new generation of lead-free electroceramics. *Journal of Advanced Dielectrics*, **2018**, 08, 1830004	1.3	100
146	Influence of (Mg1/3Nb2/3) complex substitutions on crystal structures and microwave dielectric properties of Li2TiO3 ceramics with extreme low loss. *Journal of Materiomics*, **2018**, 4, 368-382	6.7	17
145	Structure–property relationships of low sintering temperature scheelite-structured (1 − x)BiVO4–xLaNbO4 microwave dielectric ceramics. *Journal of Materials Chemistry C*, **2017**, 5, 2695-2701	7.1	96
144	High quality factor microwave dielectric ceramics in the (Mg1/3Nb2/3)O2–ZrO2–TiO2 ternary system. *Journal of the American Ceramic Society*, **2017**, 100, 3982-3989	3.8	10
143	Novel water insoluble (NaxAg2−x)MoO4 (0 ≤ x ≤ 2) microwave dielectric ceramics with spinel structure sintered at 410 degrees. *Journal of Materials Chemistry C*, **2017**, 5, 6086-6091	7.1	45
142	Enhanced energy storage density by inducing defect dipoles in lead free relaxor ferroelectric BaTiO3-based ceramics. *Applied Physics Letters*, **2017**, 110, 132902	3.4	99
141	High quality microwave dielectric ceramic sintered at extreme-low temperature below 200℃ and co-firing with base metal. *Journal of the European Ceramic Society*, **2017**, 37, 3073-3077	6	22
140	Structure and energy storage properties of Mn-doped (Ba,Sr)TiO3–MgO composite ceramics. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 8749-8754	2.1	16

139	High permittivity and low loss microwave dielectrics suitable for 5G resonators and low temperature co-fired ceramic architecture. *Journal of Materials Chemistry C*, **2017**, 5, 10094-10098	7.1	186
138	Structural and spectroscopic properties of self-activated monoclinic molybdate BaSm2(MoO4)4. *Journal of Alloys and Compounds*, **2017**, 729, 843-849	5.7	47
137	Phase Evolution, Crystal Structure, and Microwave Dielectric Properties of Water-Insoluble (1 - x)LaNbO-xLaVO (0 x 0.9) Ceramics. *Inorganic Chemistry*, **2017**, 56, 9321-9329	5.1	38
136	Influence of W substitution on crystal structure, phase evolution and microwave dielectric properties of (NaBi)MoO ceramics with low sintering temperature. *Scientific Reports*, **2017**, 7, 3201	4.9	12
135	Li4x/3Co2 xTi1+2x/3O4 spinel solid solutions: order and disorder phase transition, cations distribution and adjustable microwave dielectric properties. *RSC Advances*, **2017**, 7, 51670-51677	3.7	4
134	Microwave Dielectric Properties of BiCu2PO6 Ceramics with Low Sintering Temperature. *Journal of Electronic Materials*, **2017**, 46, 6241-6245	1.9	6
133	Structure, Raman spectra, far-infrared spectra and microwave dielectric properties of temperature independent CeVO4TiO2 composite ceramics. *Journal of Alloys and Compounds*, **2017**, 694, 40-45	5.7	23
132	Novel barium titanate based capacitors with high energy density and fast discharge performance. *Journal of Materials Chemistry A*, **2017**, 5, 19607-19612	13	195
131	Crystal Structure, Infrared Spectra, and Microwave Dielectric Properties of Temperature-Stable Zircon-Type (Y,Bi)VO Solid-Solution Ceramics. *ACS Omega*, **2016**, 1, 963-970	3.9	46
130	Structures, Phase Transformations, and Dielectric Properties of BiTaO Ceramics. *Inorganic Chemistry*, **2016**, 55, 11979-11986	5.1	11
129	Trace H2O2-Assisted High-Capacity Tungsten Oxide Electrochromic Batteries with Ultrafast Charging in Seconds. *Angewandte Chemie*, **2016**, 128, 7277-7281	3.6	7
128	Phase evolution and dielectric properties of fluorite-type Bi3(Nb0.9M0.1)O7+ ceramics (M=Ti, Zr, Sn, W, 0.05). *Journal of Alloys and Compounds*, **2016**, 674, 89-92	5.7	1
127	Structure and dielectric properties of Nd(Zn1/2Ti1/2)O3 BaTiO3 ceramics for energy storage applications. *Journal of Alloys and Compounds*, **2016**, 685, 418-422	5.7	22
126	Trace H2 O2 -Assisted High-Capacity Tungsten Oxide Electrochromic Batteries with Ultrafast Charging in Seconds. *Angewandte Chemie - International Edition*, **2016**, 55, 7161-5	16.4	79
125	Novel glass-free low-temperature fired microwave dielectric ceramics: Bi(Ga1/3Mo2/3)O4. *Ceramics International*, **2016**, 42, 4574-4577	5.1	12
124	Structure, Infrared Reflectivity and Microwave Dielectric Properties of (Na0.5La0.5)MoO4 (Na0.5Bi0.5)MoO4 Ceramics. *Journal of the American Ceramic Society*, **2016**, 99, 2083-2088	3.8	29
123	Novel temperature stable high- microwave dielectrics in the Bi2O3 TiO2 V2O5 system. *Journal of Materials Chemistry C*, **2016**, 4, 5357-5362	7.1	151
122	Phase evolution and microwave dielectric properties of (Bi1 Lnx)2MoO6 (Ln=Nd and La, x 0.3) ceramics. *Ceramics International*, **2016**, 42, 17243-17247	5.1	3

121	Pseudo Phase Diagram and Microwave Dielectric Properties of Li2O□MgO□TiO2 Ternary System. *Journal of the American Ceramic Society*, **2016**, 99, 3645-3650	3.8	27
120	Phase composition, crystal structure, infrared reflectivity and microwave dielectric properties of temperature stable composite ceramics (scheelite and zircon-type) in BiVO4□VO4 system. *Journal of Materials Chemistry C*, **2015**, 3, 2582-2588	7.1	70
119	Microwave dielectric properties of two low temperature sintering ceramics in the PbO□WO3 binary system. *Ceramics International*, **2015**, 41, 10287-10292	5.1	9
118	Novel temperature stable Li2TiO3-based microwave dielectric ceramics with low loss. *Materials Letters*, **2015**, 153, 118-120	3.3	9
117	Microwave dielectric properties of LiMVO4 (M=Mg, Zn) ceramics with low sintering temperatures. *Ceramics International*, **2015**, 41, 9063-9068	5.1	19
116	Abnormal dielectric properties and phase transition in Bi0.783(Mo0.65V0.35)O4 scheelite-related structured ceramic. *RSC Advances*, **2015**, 5, 19255-19258	3.7	7
115	Microwave Dielectric Properties of Temperature-Stable BaLn2(MoO4)4□TiO2 (Ln = Ce, Nd, and Sm) Ceramics. *Journal of Electronic Materials*, **2015**, 44, 4250-4254	1.9	3
114	Correlation between vibrational modes and dielectric properties in (Ca1□xBi2x□)MoO4 ceramics. *Journal of the European Ceramic Society*, **2015**, 35, 4459-4464	6	15
113	Low-temperature densification of Mg2SnO4 ceramics with LiF-Fe2O3-V2O5 additive. *Materials Letters*, **2015**, 139, 169-172	3.3	8
112	Order□Disorder Phase Transition and Magneto-Dielectric Properties of (1□)LiFe5O8□Li2ZnTi3O8 Spinel-Structured Solid Solution Ceramics. *Journal of the American Ceramic Society*, **2015**, 98, 2122-2129	3.8	7
111	Microwave Dielectric Properties of LiKSm2(MoO4)4 Ceramics with Ultralow Sintering Temperatures. *Journal of the American Ceramic Society*, **2015**, 98, 2716-2719	3.8	8
110	Microwave Dielectric Properties of Sol-Gel Processed Bi4Si3O12 Ceramics and Single Crystal. *Transactions of the Indian Ceramic Society*, **2015**, 74, 83-85	1.8	3
109	Microwave dielectric properties of BaY2(MoO4)4 ceramic with low sintering temperature. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 1608-1611	2.1	6
108	Temperature stable high K microwave dielectric ceramics of Bi3NbO7 doped by V2O5. *Ceramics International*, **2015**, 41, 5182-5185	5.1	5
107	Microwave dielectric properties of low firing scheelite-related (Na0.5La0.5)MoO4 ceramic. *Materials Letters*, **2015**, 142, 221-224	3.3	17
106	Microwave dielectric properties of low firing (Na0.5Ln0.5)MoO4 (Ln=Nd and Ce) ceramics. *Ceramics International*, **2015**, 41, 6103-6107	5.1	12
105	Raman Spectra, Infrared Spectra, and Microwave Dielectric Properties of Low-Temperature Firing [(Li0.5Ln0.5)1□Cax]MoO4 (Ln□=□Sm and Nd) Solid Solution Ceramics with Scheelite Structure. *Journal of the American Ceramic Society*, **2015**, 98, 587-593	3.8	34
104	Microwave Dielectric Properties of (Li0.5Ln0.5)MoO4 (Ln□=□Nd, Er, Gd, Y, Yb, Sm, and Ce) Ceramics. *Journal of the American Ceramic Society*, **2015**, 98, 130-135	3.8	24

103	Microwave Dielectric Properties of Scheelite Structured PbMoO4 Ceramic with Ultralow Sintering Temperature. *Journal of the American Ceramic Society*, **2014**, 97, 1375-1378	3.8	17
102	Crystal Structure and Microwave Dielectric Properties of an Ultralow-Temperature-Fired (AgBi)0.5WO4 Ceramic. *European Journal of Inorganic Chemistry*, **2014**, 2014, 296-301	2.3	29
101	Phase evolution and microwave dielectric properties of xBi(2/3)MoO(1 -x)BiVO(0.0 x 1.0) low temperature firing ceramics. *Dalton Transactions*, **2014**, 43, 7290-7	4.3	29
100	Low-Temperature Sintering and Microwave Dielectric Properties of CaMoO4-Based Temperature Stable LTCC Material. *Journal of the American Ceramic Society*, **2014**, 97, 2032-2034	3.8	23
99	Low-Temperature Sintering Li2MoO4/Ni0.5Zn0.5Fe2O4 Magneto-Dielectric Composites for High-Frequency Application. *Journal of the American Ceramic Society*, **2014**, 97, 2552-2556	3.8	23
98	Synthesis, structure, and characterization of new low-firing microwave dielectric ceramics: (Ca1xBi2x)MoO4. *Journal of Materials Chemistry C*, **2014**, 2, 7364-7372	7.1	30
97	Structure-property relationships of novel microwave dielectric ceramics with low sintering temperatures: (Na(0.5x)Bi(0.5x)Ca(1-x))MoO(4). *Dalton Transactions*, **2014**, 43, 11888-96	4.3	32
96	Crystal structure and microwave dielectric behaviors of ultra-low-temperature fired x(Ag(0.5)Bi(0.5))MoO(1 - x)BiVO(0.0 x 1.0) solid solution with scheelite structure. *Inorganic Chemistry*, **2014**, 53, 9222-7	5.1	36
95	Microwave dielectric properties of Pb2MoO5 ceramic with ultra-low sintering temperature. *Journal of the European Ceramic Society*, **2014**, 34, 4089-4093	6	18
94	Structure, phase evolution, and microwave dielectric properties of (Ag0.5Bi0.5)(Mo0.5W0.5)O4 ceramic with ultralow sintering temperature. *Inorganic Chemistry*, **2014**, 53, 5712-6	5.1	23
93	Obstacle Avoidance Path Planning of Space Manipulator Based on Improved Artificial Potential Field Method. *Journal of the Institution of Engineers (India): Series C*, **2014**, 95, 31-39	0.9	14
92	Influence of Ce substitution for Bi in BiVO4 and the impact on the phase evolution and microwave dielectric properties. *Inorganic Chemistry*, **2014**, 53, 1048-55	5.1	124
91	Dielectric properties and phase transitions of BiNbO4 ceramic. *Scripta Materialia*, **2014**, 81, 40-43	5.6	14
90	Sintering Behavior and Dielectric Properties of Ultra-Low Temperature Fired Silver Molybdate Ceramics. *Journal of the American Ceramic Society*, **2014**, 97, 3597-3601	3.8	31
89	Microwave Dielectric Ceramics Li2MO4TiO2 (M Mo, W) with Low Sintering Temperatures. *Journal of the American Ceramic Society*, **2014**, 97, 1819-1822	3.8	36
88	Phase Evolution and Microwave Dielectric Properties of (Bi1xFex)VO4 (x0.40) Ceramics. *Journal of the American Ceramic Society*, **2014**, 97, 2915-2920	3.8	8
87	Preparation and Microwave Dielectric Properties of Ultra-low Temperature Sintering Ceramics in K2OMoO3 Binary System. *Journal of the American Ceramic Society*, **2014**, 97, 241-245	3.8	36
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