

Bin Tang

List of Publications by Year in descending order

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151
papers

2,965
citations

212478

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286692

43
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all docs

151
docs citations

151
times ranked

1206
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase composition, microstructure, and microwave dielectric properties of non-stoichiometric yttrium aluminum garnet ceramics. <i>Journal of the European Ceramic Society</i> , 2022, 42, 472-477.	2.8	14
2	A novel ultra-low loss ceramic $\text{Li}_5\text{ZnSnNbO}_8$ with a rock salt structure. <i>Materials Chemistry and Physics</i> , 2022, 277, 125457.	2.0	4
3	Characterization of structural and electrical properties of $\text{Ca}_{0.61}\text{Nd}_{0.26}\text{TiO}_3$ ceramic tailored by complex ions $(\text{Al}_{0.5}\text{Nb}_{0.5})_{4+}$. <i>Journal of Alloys and Compounds</i> , 2022, 899, 163234.	2.8	11
4	Tailoring sintering kinetics and dielectric properties of Li_2SiO_3 ceramics by CaO - B_2O_3 - SiO_2 glass dopant for LTCC substrate applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 4043-4050.	1.1	2
5	Ferroelectric-Relaxor Crossover and Energy Storage Properties in $\text{Sr}_{2-x}\text{NaNb}_5\text{O}_{15}$ -Based Tungsten Bronze Ceramics. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 9318-9329.	4.0	22
6	Co-effects of Nb_2O_5 and stoichiometric deviations on the microwave dielectric properties of $\text{Y}_3\text{Al}_5\text{O}_{12}$. <i>Ceramics International</i> , 2022, 48, 18651-18657.	2.3	7
7	The effect of rare-earth oxides on the energy storage performances in BaTiO_3 based ceramics. <i>Ceramics International</i> , 2022, 48, 17359-17368.	2.3	29
8	Phase composition, crystal structure, and microwave dielectric properties of Nb-doped and Y-deficient yttrium aluminum garnet ceramics. <i>Journal of the European Ceramic Society</i> , 2022, 42, 5705-5711.	2.8	10
9	Structure, dielectric and relaxor properties of $\text{Sr}_{0.7}\text{Bi}_{0.2}\text{Ti}_{0.3}\text{K}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ lead-free ceramics for energy storage applications. <i>Journal of Materiomics</i> , 2021, 7, 195-207.	2.8	62
10	Improved dielectric breakdown strength and energy storage properties in Er_2O_3 modified $\text{Sr}_{0.35}\text{Bi}_{0.35}\text{K}_{0.25}\text{TiO}_3$. <i>Chemical Engineering Journal</i> , 2021, 403, 126290.	6.6	96
11	A novel type of composite LTCC material for high flexural strength application. <i>Journal of the European Ceramic Society</i> , 2021, 41, 1342-1351.	2.8	27
12	Effects of MgO doping on microwave dielectric properties of yttrium aluminum garnet ceramics. <i>Journal of Alloys and Compounds</i> , 2021, 858, 158139.	2.8	15
13	Low-temperature processing and microwave dielectric properties of LB glass-doped $\text{Ba}_{3.75}\text{Nd}_{9.5}\text{Ti}_{17.5}(\text{Cr}_{0.5}\text{Nb}_{0.5})_{0.5}\text{O}_{54}$ ceramic. <i>Journal of the American Ceramic Society</i> , 2021, 104, 1726-1739.	2.8	15
14	Electro-mechanical coupling in FCC metal rhodium from first-principles simulations. <i>Journal of Materials Research</i> , 2021, 36, 2662-2673.	1.2	0
15	Lattice evolution, ordering transformation and microwave dielectric properties of rock-salt $\text{Li}_{3+x}\text{Mg}_2\text{Nb}_{1-x}\text{Ti}_2\text{O}_6$ solid-solution system: A newly developed pseudo ternary phase diagram. <i>Acta Materialia</i> , 2021, 206, 116636.	3.8	48
16	Low-temperature sintering kinetics and dielectric properties of $\text{Ba}_5\text{Nb}_4\text{O}_{15}$ with B_2O_3 - SiO_2 glass. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 8716-8724.	1.1	3
17	Correction to "Effects of Lattice Evolution and Ordering on the Microwave Dielectric Properties of Tin-Modified $\text{Li}_3\text{Mg}_2\text{NbO}_6$ -Based Ceramics". <i>Journal of Physical Chemistry C</i> , 2021, 125, 10173-10173.	1.5	0
18	Ilmenite-type MgTiO_3 ceramics by complex $(\text{Mn}_{1/2}\text{W}_{1/2})_{4+}$ cation co-substitution producing improved microwave characteristics. <i>Ceramics International</i> , 2021, 47, 21388-21397.	2.3	19

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19	Effects of adding TEOS on sintering process, morphology and microwave dielectric properties of Y3Al5O12 ceramics. <i>Ceramics International</i> , 2021, 47, 12826-12832.	2.3	14
20	Aliovalent Doping Engineering for A- and B-Sites with Multiple Regulatory Mechanisms: A Strategy to Improve Energy Storage Properties of Sr _{0.7} Bi _{0.2} TiO ₃ -Based Lead-Free Relaxor Ferroelectric Ceramics. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 24833-24855.	4.0	79
21	Characterization of structure and properties in CaO-Nd ₂ O ₃ -TiO ₂ microwave dielectric ceramic modified by Al ₂ O ₃ . <i>Materials Characterization</i> , 2021, 176, 111108.	1.9	15
22	Germanium substituted Li ₂ Sn _{1-x} GexO ₃ ceramics with improved sintering behavior, microwave dielectric properties and temperature stability. <i>Ceramics International</i> , 2021, 47, 35170-35170.	2.3	1
23	Novel lead-free (1-x)Sr _{0.7} Bi _{0.2} TiO ₃ -xLa(Mg _{0.5} Zr _{0.5})O ₃ energy storage ceramics with high charge-discharge and excellent temperature-stable dielectric properties. <i>Ceramics International</i> , 2021, 47, 26215-26223.	2.3	19
24	Densification, flexural strength and dielectric properties of CaO-MgO-ZnO-SiO ₂ /Al ₂ O ₃ glass ceramics for LTCC applications. <i>Ceramics International</i> , 2021, 47, 28904-28912.	2.3	18
25	Effects of LiF on crystal structure, cation distributions and microwave dielectric properties of MgAl ₂ O ₄ . <i>Journal of Alloys and Compounds</i> , 2021, 886, 161278.	2.8	12
26	Strengthening boron carbide through lithium dopant. <i>Journal of the American Ceramic Society</i> , 2020, 103, 2012-2023.	1.9	14
27	Intrinsic dielectric behavior of Mg ₂ TiO ₄ spinel ceramic. <i>Ceramics International</i> , 2020, 46, 4235-4239.	2.3	24
28	Novel Ca doped Sr _{0.7} Bi _{0.2} TiO ₃ lead-free relaxor ferroelectrics with high energy density and efficiency. <i>Journal of the European Ceramic Society</i> , 2020, 40, 1938-1946.	2.8	99
29	Chemically Modulating the Twist Rate of Helical van der Waals Crystals. <i>Chemistry of Materials</i> , 2020, 32, 299-307.	3.2	5
30	A new type of BaTiO ₃ -based ceramics with Bi(Mg _{1/2} Sn _{1/2})O ₃ modification showing improved energy storage properties and pulsed discharging performances. <i>Journal of Alloys and Compounds</i> , 2020, 819, 153004.	2.8	76
31	Polytetrafluoroethylene based, F8261 modified realization of Li ₂ SnMg _{0.5} O _{3.5} filled composites. <i>Applied Surface Science</i> , 2020, 503, 144088.	3.1	14
32	Effects of Lattice Evolution and Ordering on the Microwave Dielectric Properties of Tin-Modified Li ₃ Mg ₂ NbO ₆ -Based Ceramics. <i>Journal of Physical Chemistry C</i> , 2020, 124, 22069-22081.	1.5	27
33	Effect of Zn ²⁺ substitution for Mg ²⁺ in Li ₃ Mg ₂ SbO ₆ and the impact on the bond characteristics and microwave dielectric properties. <i>Journal of Alloys and Compounds</i> , 2020, 832, 155043.	2.8	12
34	Enhanced strength and ductility of superhard boron carbide through injecting electrons. <i>Journal of the European Ceramic Society</i> , 2020, 40, 4428-4435.	2.8	7
35	A new series of low-loss multicomponent oxide microwave dielectrics with a rock salt structure: Li ₅ MgABO ₈ (A=Ti, Sn; B=Nb, Ta). <i>Ceramics International</i> , 2020, 46, 10332-10340.	2.3	21
36	Excellent thermal stability, high efficiency and high power density of (Sr _{0.7} Ba _{0.3}) ₅ LaNb ₇ Ti ₃ O ₃₀ based tungsten bronze ceramics. <i>Journal of the European Ceramic Society</i> , 2020, 40, 2366-2374.	2.8	42

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37	Characterization of structure, chemical bond and microwave dielectric properties in Ca _{0.61} Nd _{0.26} TiO ₃ ceramic substituted by chromium for titanium. <i>Journal of Alloys and Compounds</i> , 2020, 835, 155249.	2.8	21
38	Low-temperature sintering of CaMgSi ₂ O ₆ -KBS composites with ultralow dielectric constant. <i>Ceramics International</i> , 2020, 46, 17818-17824.	2.3	14
39	The structure evolution and microwave dielectric properties of MgAl _{2-x} (Mg _{0.5} Ti _{0.5}) _x O solid solutions. <i>Ceramics International</i> , 2020, 46, 19046-19051.	2.3	25
40	Raman, complex chemical bond and structural studies of novel CaMg _{1-(Mn^{1/2}Zn^{1/2})} Si ₂ O ₆ (x=0-0.1) ceramics. <i>Ceramics International</i> , 2019, 45, 23157-23163.	2.3	30
41	Newly developed polytetrafluoroethylene composites based on F8261-modified Li ₂ Mg _{2.88} Ca _{0.12} TiO ₆ powder. <i>Journal of Alloys and Compounds</i> , 2019, 803, 145-152.	2.8	7
42	Synthesis and characterization of PTFE/(Na Li _{1-0.5} Nd _{0.5} TiO ₃) composites with high dielectric constant and high temperature stability for microwave substrate applications. <i>Ceramics International</i> , 2019, 45, 22015-22021.	2.3	24
43	Effects of coupling agent on dielectric properties of PTFE based and Li ₂ Mg ₃ TiO ₆ filled composites. <i>Ceramics International</i> , 2019, 45, 20458-20464.	2.3	20
44	Influence of Mn ²⁺ introduction on microwave dielectric properties of CaMgSi ₂ O ₆ ceramic. <i>Ceramics International</i> , 2019, 45, 24425-24430.	2.3	12
45	Enhanced energy storage and fast charge-discharge properties of (1-x)BaTiO _{3-x} Bi(Ni ^{1/2} Sn ^{1/2})O ₃ relaxor ferroelectric ceramics. <i>Ceramics International</i> , 2019, 45, 17580-17590.	2.3	80
46	Low-temperature sintering mechanism and microwave dielectric properties of ZnAl ₂ O ₄ -LMZBS composites. <i>Journal of Alloys and Compounds</i> , 2019, 797, 744-753.	2.8	25
47	Structure, bond characteristics and Raman spectra of CaMg _{1-Mn} Si ₂ O ₆ microwave dielectric ceramics. <i>Ceramics International</i> , 2019, 45, 14160-14166.	2.3	41
48	Structural dependence of microwave dielectric properties of spinel structured Mg ₂ (Ti _{1-Sn})O ₄ solid solutions: Crystal structure refinement, Raman spectra study and complex chemical bond theory. <i>Ceramics International</i> , 2019, 45, 11639-11647.	2.3	54
49	Microwave dielectric characteristics of high permittivity Ca _{0.35} Li _{0.25} Nd _{0.35} Ti _{1-(Zn^{1/3}Ta^{2/3})} O ₃ ceramics (x = 0.00-0.12). <i>Ceramics International</i> , 2019, 45, 8600-8606.	2.3	21
50	Influence of Cr ³⁺ substitution for Mg ²⁺ on the crystal structure and microwave dielectric properties of CaMg _{1-x} Cr _{2x/3} Si ₂ O ₆ ceramics. <i>Ceramics International</i> , 2019, 45, 11484-11490.	2.3	46
51	First principles predicting enhanced ductility of boride carbide through magnesium microalloying. <i>Journal of the American Ceramic Society</i> , 2019, 102, 5514-5523.	1.9	14
52	Structural and dielectric relaxor properties of (1-x)BaTiO _{3-x} Bi(Zn ^{1/2} Zr ^{1/2})O ₃ ceramics for energy storage applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 2772-2782.	1.1	26
53	Effects of (Cr _{0.5} Ta _{0.5}) ⁴⁺ on structure and microwave dielectric properties of Ca _{0.61} Nd _{0.26} TiO ₃ ceramics. <i>Ceramics International</i> , 2018, 44, 7771-7779.	2.3	28
54	A new low-temperature firing and high-Q microwave dielectric ceramic Li ₉ Zr ₃ NbO ₁₃ . <i>Journal of the American Ceramic Society</i> , 2018, 101, 2202-2207.	1.9	22

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55	Effects of Li ₂ ZnTi ₃ O ₈ addition on sintering behavior and microwave dielectric properties of the MgTiO ₃ -CaTiO ₃ ceramic system. Journal of Materials Science: Materials in Electronics, 2018, 29, 3836-3839.	1.1	6
56	Microstructure and microwave dielectric properties of Na _{1/2} Sm _{1/2} TiO ₃ filled PTFE, an environmental friendly composites. Applied Surface Science, 2018, 436, 900-906.	3.1	34
57	Structure-property relationships of perovskite-structured Ca _{0.61} Nd _{0.26} Ti _{1-(Cr_{0.5}Nb_{0.5})} O ₃ ceramics. Ceramics International, 2018, 44, 7384-7392.	2.3	33
58	The observation and prediction of constant quality factors of LnAlO ₃ doped Ba ₆₋₃ Ln ₈₊₂ Ti ₁₈ O ₅₄ (Ln =) Tj ETQq0 0,0,rgBT /Oylock 10	2.3	7
59	A new niobate-based CaO-CuO-Nb ₂ O ₅ microwave dielectric ceramic composite for LTCC applications. Journal of Materials Science: Materials in Electronics, 2018, 29, 4533-4537.	1.1	5
60	Shear-induced brittle failure of titanium carbide from quantum mechanics simulations. Journal of the American Ceramic Society, 2018, 101, 4184-4192.	1.9	7
61	NiNb ₂ O ₆ -BaTiO ₃ Ceramics for Energy Storage Capacitors. Energy Technology, 2018, 6, 899-905.	1.8	15
62	Correlation between structures and microwave dielectric properties of Ba _{3.75} Nd _{9.5} -SmTi _{17.5} (Cr _{1/2} Nb _{1/2}) _{0.5} O ₅₄ ceramics. Journal of Alloys and Compounds, 2018, 740, 492-499.	2.8	34
63	Microwave dielectric properties of Ba _{3.75} Nd _{9.5} Ti ₁₈ Cr _{4z/3} O ₅₄ ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 535-540.	1.1	10
64	Structure and microwave dielectric properties of the Li _{2/3} (1-x)Sn _{1/3} (1-x)Mg _x O systems (0 ≤ x ≤ 1/7). Journal of the American Ceramic Society, 2018, 101, 252-264.	1.9	59
65	Structural evolution and microwave dielectric properties of a novel Li ₃ Mg ₂ Nb ₁ Ti ₂ O ₆ system with a rock salt structure. Inorganic Chemistry Frontiers, 2018, 5, 3113-3125.	3.0	43
66	A CPW-Fed Ultra-Wideband MIMO Antenna with T-Shape Slot Ground. , 2018, , .		2
67	The optimization of microwave dielectric properties of the Li ₂ ZnTi ₃ O ₈ ceramic by the phase purity control. Journal of Materials Science: Materials in Electronics, 2018, 29, 19791-19797.	1.1	4
68	Effects of (Na _{1/2} Nd _{1/2})TiO ₃ on the microstructure and microwave dielectric properties of PTFE/ceramic composites. Journal of Materials Science: Materials in Electronics, 2018, 29, 20680-20687.	1.1	9
69	Different Additives Doped Ca-Nd-Ti Microwave Dielectric Ceramics with Distorted Oxygen Octahedrons and High Q-Value. ACS Omega, 2018, 3, 11033-11040.	1.6	12
70	A new low-loss microwave dielectric ceramic GaNbO ₄ . Journal of Alloys and Compounds, 2018, 759, 80-84.	2.8	7
71	Evaluation of surface treatment on Li ₂ Mg ₃ SnO ₆ ceramic powders and the application of Li ₂ Mg ₃ SnO ₆ powders filled polytetrafluoroethylene composites. Applied Surface Science, 2018, 456, 637-644.	3.1	17
72	Microwave dielectric properties and microstructure of (Li ₂ Zn ₃) _x (Ti ₄) _x O ₁₂ ceramics (x = 0 to 0.32). Journal of the Ceramic Society of Japan, 2018, 126, 434-439.		

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73	Suppression of Ti ³⁺ generation in Ba _{3.75} Nd _{9.5} Ti _{17.5} Mg _{0.5} O ₅₄ (M = Cu, Cr, Al, Mn) ceramics. <i>Ceramics International</i> , 2018, 44, 19058-19062.	2.3	16
74	Fabrication of 0.8BaTi ₄ O ₉ -0.2BaZn ₂ Ti ₄ O ₁₁ filled and glassfiber reinforced polytetrafluoroethylene composites with near-zero temperature coefficient of dielectric constant. <i>Journal of Alloys and Compounds</i> , 2018, 769, 1034-1041.	2.8	10
75	Microwave dielectric properties of Li ₂ O-xMgO-xZnO-B ₂ O ₃ -SiO ₂ glass-ceramics (x = 30-50 wt.%). <i>Journal of the Ceramic Society of Japan</i> , 2018, 126, 163-169.		9
76	High-Q microwave dielectric properties in the Na _{0.5} Sm _{0.5} TiO ₃ + Cr ₂ O ₃ ceramics by one synthetic process. <i>Journal of Alloys and Compounds</i> , 2017, 705, 456-461.	2.8	28
77	The dielectric constant and quality factor calculation of the microwave dielectric ceramic solid solutions. <i>Ceramics International</i> , 2017, 43, 7383-7386.	2.3	13
78	A novel formula for the quality factor calculation for the multiphase microwave dielectric ceramic mixtures. <i>Journal of the European Ceramic Society</i> , 2017, 37, 3347-3352.	2.8	8
79	Microwave dielectric properties of (1-x)Ba _{3.75} Nd _{9.5} Cr _{0.25} Nb _{0.25} Ti _{17.5} O ₅₄ ceramics. <i>Journal of the American Ceramic Society</i> , 2017, 100, 4058-4065.		
80	Determining the Quality Factor of Dielectric Ceramic Mixtures with Dielectric Constants in the Microwave Frequency Range. <i>Scientific Reports</i> , 2017, 7, 14120.	1.6	10
81	Crystal structure, Raman spectroscopy and microwave dielectric properties of Ba _{3.75} Nd _{9.5} Ti ₁₈ -(Al _{1/2} Nb _{1/2})O ₅₄ ceramics. <i>Journal of Alloys and Compounds</i> , 2017, 723, 580-588.	2.8	49
82	Phase evolution, structure and microwave dielectric properties of Li ₂ +Mg ₃ SnO ₆ (x = 0.00-0.12) ceramics. <i>Ceramics International</i> , 2017, 43, 13645-13652.	2.3	42
83	Preparation and characterization of (Co _{0.3} Zn _{0.7})(Ti _{1-x} Sn _x)Nb ₂ O ₈ microwave dielectric ceramics. <i>Materials Science-Poland</i> , 2017, 35, 405-411.	0.4	2
84	Effects of compound coupling agents on the properties of PTFE/SiO ₂ microwave composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 3356-3363.	1.1	15
85	Impacts of Al ₂ O ₃ Doping on Microstructure, Phase Constitution and Microwave Dielectric Properties of Ca _{0.61} Nd _{0.26} TiO ₃ Ceramics. <i>Transactions of the Indian Ceramic Society</i> , 2017, 76, 97-101.	0.4	3
86	A Temperature-Insensitive Ba _{3.75} Nd _{9.5} Ti _{17.5} (Cr _{0.5} Nb _{0.5}) _{0.5} O ₅₄ Microwave Dielectric Ceramic by Bi ³⁺ Substitution. <i>Journal of Electronic Materials</i> , 2017, 46, 1230-1234.	1.0	2
87	Temperature stable and high-Q microwave dielectric ceramics in the Li ₂ Mg ₃ Ca TiO ₆ system (x=0.00-0.18). <i>Ceramics International</i> , 2017, 43, 1682-1687.	2.3	67
88	Low temperature sintering of high permittivity Ca-Li-Nd-Ti microwave dielectric ceramics with BaCu(B ₂ O ₅) additives. <i>Journal of Alloys and Compounds</i> , 2017, 693, 843-852.	2.8	40
89	The Influence of Sintering Temperature on the Microwave Dielectric Properties of Mg ₂ SiO ₄ Ceramics with CaO-B ₂ O ₃ -SiO ₂ Addition. <i>Journal of Electronic Materials</i> , 2017, 46, 1048-1054.	1.0	10
90	Nb-Doped 0.8BaTiO ₃ -0.2Bi(Mg _{0.5} Ti _{0.5})O ₃ Ceramics with Stable Dielectric Properties at High Temperature. <i>Crystals</i> , 2017, 7, 168.	1.0	14

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91	Microwave Dielectric Properties of Aluminum-Substituted $Ba_{6-x}Ti_{18}O_{54}$ Ceramics. International Journal of Applied Ceramic Technology, 2016, 13, 564-568.	1.1	8
92	Dependence of microwave dielectric properties on site substitution in $Ba_{3.75}Nd_{9.5}Ti_{18}O_{54}$ ceramic. Journal of Materials Science: Materials in Electronics, 2016, 27, 10951-10957.	1.1	14
93	Influence of CeO_2 on microstructure and microwave dielectric properties of $Na_{1/2}Sm_{1/2}TiO_3$ ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 1913-1919.	1.1	10
94	Influence of $Li_2O-B_2O_3-SiO_2$ glass on the sintering behavior and microwave dielectric properties of $Ba_{0.15}Zn_{0.4}TiO_2$ ceramics. Ceramics International, 2016, 42, 7943-7949.	2.3	21
95	Microwave dielectric properties of aluminum substituted $Ca_{0.61}Nd_{0.26}Ti_{0.3}$ ceramics. Journal of the Ceramic Society of Japan, 2016, 124, 903-906.	0.5	8
96	Effects of Zr-Substitution on Microwave Dielectric Properties of $Na_{0.5}Nd_{0.2}Sm_{0.3}Ti_{1-x}Zr_xO_3$ Ceramics ($x=0.00-0.30$). Journal of Electronic Materials, 2016, 45, 5198-5205.	1.0	6
97	Low-temperature sintering and microwave dielectric properties of $Ba_{0.15}Zn_{0.4}TiO_2$ ceramics with $Li_2O-B_2O_3-SiO_2$ addition. Journal of Materials Science: Materials in Electronics, 2016, 27, 6902-6910.	1.1	6
98	Low-temperature firing and microwave dielectric properties of $Ba-Nd-Ti$ with composite doping $Li-B-Si$ and $Ba-Zn-B$ glasses. Journal of Materials Science: Materials in Electronics, 2016, 27, 8428-8432.	1.1	13
99	Microwave Dielectric Properties of $Ba_{0.2}Sr_{0.8}La_{4}Ti_{4}O_{15}$ Ceramic with $La_2O_3-B_2O_3-TiO_2$ Doping. Journal of Electronic Materials, 2016, 45, 1011-1016.	1.0	2
100	Influence of $La-B-Zn$ glass on the sintering and microwave dielectric properties of $Ca-Nd-Ti$ ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 3164-3169.	1.1	9
101	Microwave dielectric properties and microstructure of $Ba_{6-x}Nd_{8+2x}Ti_{18-y}(Cr_{1/2}Nb_{1/2})_yO_{54}$ ceramics. Journal of Alloys and Compounds, 2015, 646, 512-516.	2.8	41
102	Microstructures and Microwave Dielectric Properties of $Na_{0.5}Nd_{0.2}Sm_{0.3}Ti_{1-x}Sn_xO_3$ Ceramics ($x=0.00$ to 0.50). Journal of Electronic Materials, 2015, 44, 4236-4242.	1.0	9
103	Low-temperature sintering of $Ba_{0.75}Sr_{0.25}(Nd_{0.75}Bi_{0.25})_2Ti_4O_{12}$ microwave ceramics with $La_2O_3-B_2O_3-ZnO-CaO$ additive. Journal of Materials Science: Materials in Electronics, 2015, 26, 8017-8021.	1.1	7
104	Effects of B-site Substitution on Microwave Dielectric Properties of $Ba_{6-x}Ti_{18-z}(Ni_{1/3}Nb_{2/3})_xTi_{18}O_{54}$ Ceramics. International Journal of Applied Ceramic Technology, 2015, 12, E170.	1.1	7
105	Microwave dielectric properties of low-fired $Li_2ZnTi_3O_8-TiO_2$ composite ceramics with Li_2WO_4 addition. Journal of Materials Science: Materials in Electronics, 2015, 26, 1181-1185.	1.1	6
106	Effects of $Mg_{2.05}SiO_{4.05}$ addition on phase structure and microwave properties of $MgTiO_3-CaTiO_3$ ceramic system. Materials Letters, 2015, 145, 30-33.	1.3	15
107	Aluminum substitution for titanium in $Ba_{3.75}Nd_{9.5}Ti_{18}O_{54}$ microwave dielectric ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 405-410.	1.1	37
108	Microwave Dielectric Properties of TiO_2 -Added $Li_2ZnTi_3O_8$ Ceramics Doped with $Li_2O-Al_2O_3-B_2O_3$ Glass. Journal of Electronic Materials, 2015, 44, 281-286.	1.0	11

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109	Microwave dielectric properties of H ₃ BO ₃ -doped Ca _{0.61} La _{0.39} Al _{0.39} Ti _{0.61} O ₃ ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 300-306.	1.1	21
110	The co-crystal of TNT/CL-20 leads to decreased sensitivity toward thermal decomposition from first principles based reactive molecular dynamics. Journal of Materials Chemistry A, 2015, 3, 5409-5419.	5.2	89
111	Influence of Sn-substitution on microstructure and microwave dielectric properties of Na _{1/2} Nd _{1/2} TiO ₃ ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 424-428.	1.1	10
112	Preparation and characterization of Ba _{0.2} Sr _{0.8} La ₄ Ti _{4+x} O ₁₅ microwave dielectric ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 2719-2725.	1.1	5
113	The shrinking process and microwave dielectric properties of BaCu(B ₂ O ₅)-added 0.85BaTi ₄ O ₉ •0.15BaZn ₂ Ti ₄ O ₁₁ ceramics. Materials Research Bulletin, 2015, 66, 163-168.	2.7	16
114	Microwave dielectric properties of Ba(Co _{0.56} Y _{0.04} Zn _{0.35}) _{1/3} Nb _{2/3+x} O ₃ (x=0.004-0.008) ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 6585-6591.	1.1	12
115	Structure and microwave dielectric properties of (Zn _{0.3} Co _{0.7})Ti _{1-x} Sn _x O ₃ ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 2795-2799.	1.1	6
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