Di Zhou

List of Publications by Year
in descending order

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235 papers	11,466 citations	26610 56 h-index	39638 94 g-index
237 all docs	237 docs citations	237 times ranked	3925 citing authors

#	Article	IF	Citations
1	Electroceramics for High-Energy Density Capacitors: Current Status and Future Perspectives. Chemical Reviews, 2021, 121, 6124-6172.	23.0	579
2	Ultrahigh energy storage density lead-free multilayers by controlled electrical homogeneity. Energy and Environmental Science, 2019, 12, 582-588.	15.6	393
3	Bismuth ferrite-based lead-free ceramics and multilayers with high recoverable energy density. Journal of Materials Chemistry A, 2018, 6, 4133-4144.	5.2	325
4	Novel barium titanate based capacitors with high energy density and fast discharge performance. Journal of Materials Chemistry A, 2017, 5, 19607-19612.	5.2	303
5	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.	2.7	271
6	High Energy Storage Density and Large Strain in Bi(Zn_{2/3}Nb_{1/3})O₃-Doped BiFeO₃â€“BaTiO₃ Ceramics. ACS Applied Energy Materials, 2018, 1, 4403-4412.	2.5	229
7	Microwave Dielectric Properties of Li₂WO₄ Ceramic with Ultraâ€Low Sintering Temperature. Journal of the American Ceramic Society, 2011, 94, 348-350.	1.9	206
8	Microwave Dielectric Ceramics in Li₂Oâ€“Bi₂O₃â€“MoO₃ System with Ultraâ€Low Sintering Temperatures. Journal of the American Ceramic Society, 2010, 93, 1096-1100.	1.9	192
9	Ultrahigh enhancement rate of the energy density of flexible polymer nanocomposites using coreâ€“shell BaTiO₃@MgO structures as the filler. Journal of Materials Chemistry A, 2020, 8, 11124-11132.	5.2	178
10	Novel temperature stable high-Îµ_rmicrowave dielectrics in the Bi₂O₃â€“TiO₂â€“V₂O₅system. Journal of Materials Chemistry C, 2016, 4, 5357-5362.	2.7	166
11	BiFeO₃-BaTiO₃: A new generation of lead-free electroceramics. Journal of Advanced Dielectrics, 2018, 08, 1830004.	1.5	166
12	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.	2.8	160
13	Significantly enhanced electrostatic energy storage performance of P(VDF-HFP)/BaTiO3-Bi(Li0.5Nb0.5)O3 nanocomposites. Nano Energy, 2020, 78, 105247.	8.2	151
14	Influence of Ce Substitution for Bi in BiVO₄ and the Impact on the Phase Evolution and Microwave Dielectric Properties. Inorganic Chemistry, 2014, 53, 1048-1055.	1.9	145
15	Temperature stable Li₂Ti_{0.75}(Mg_{1/3}Nb_{2/3})_{0.25}O₃-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.	2.7	142
16	BiVO₄ based high k microwave dielectric materials: a review. Journal of Materials Chemistry C, 2018, 6, 9290-9313.	2.7	139
17	Design of a High-Efficiency and -Gain Antenna Using Novel Low-Loss, Temperature-Stable Li₂Ti₁â€“_x(Cu_{1/3}Nb_{2/3})_xO₃ Microwave Dielectric Ceramics. ACS Applied Materials & Interfaces, 2021, 13, 912-923.	9.5	136
18	Enhanced energy storage density by inducing defect dipoles in lead free relaxor ferroelectric BaTiO3-based ceramics. Applied Physics Letters, 2017, 110, .	1.5	134

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19	Bi₂O₃â€“MoO₃ Binary System: An Alternative Ultralow Sintering Temperature Microwave Dielectric. Journal of the American Ceramic Society, 2009, 92, 2242-2246.	1.9	131
20	BaTiO₃â€“Bi(Li_{0.5}Ta_{0.5})O₃, Lead-Free Ceramics, and Multilayers with High Energy Storage Density and Efficiency. ACS Applied Energy Materials, 2018, 1, 5016-5023.	2.5	123
21	High Quality Factor, Ultralow Sintering Temperature Li₆B₄O₉ Microwave Dielectric Ceramics with Ultralow Density for Antenna Substrates. ACS Sustainable Chemistry and Engineering, 2018, 6, 11138-11143.	3.2	115
22	Microwave dielectric properties of temperatureâ€stable zirconâ€type (Bi, Ce)VO₄ solid solution ceramics. Journal of the American Ceramic Society, 2020, 103, 423-431.	1.9	114
23	Investigation of AC-Measurements of Epoxy/Ferrite Composites. Nanomaterials, 2020, 10, 492.	1.9	110
24	Structureâ€“property relationships of low sintering temperature scheelite-structured (1 â^') Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Tc Chemistry C, 2017, 5, 2695-2701.	2.7	109
25	Trace H₂O₂â€Assisted Highâ€Capacity Tungsten Oxide Electrochromic Batteries with Ultrafast Charging in Seconds. Angewandte Chemie - International Edition, 2016, 55, 7161-7165.	7.2	107
26	Microwave Dielectric Properties of Lowâ€Firing Li₂MO₃ (M=Ti, Zr, Sn) Ceramics with B₂O₃â€“CuO Addition. Journal of the American Ceramic Society, 2010, 93, 3614-3617.	1.9	105
27	Structure, spectral analysis and microwave dielectric properties of novel x(NaBi)0.5MoO4-(1-x)Bi2/3MoO4 (x = 0.2 â^¼ 0.8) ceramics with low sintering temperatures. Journal of the European Ceramic Society, 2020, 40, 3569-3576.	2.8	102
28	Ni substitution effect on the structure, magnetization, resistivity and permeability of zinc ferrites. Journal of Materials Chemistry C, 2021, 9, 5425-5436.	2.7	101
29	Enhanced energy storage properties achieved in Na0.5Bi0.5TiO3-based ceramics via composition design and domain engineering. Chemical Engineering Journal, 2021, 419, 129601.	6.6	100
30	Microwave Dielectric Properties of Low Temperature Firing Bi₂Mo₂O₉ Ceramic. Journal of the American Ceramic Society, 2008, 91, 3419-3422.	1.9	93
31	Perspectives on Working Voltage of Aqueous Supercapacitors. Small, 2022, 18, e2106360.	5.2	93
32	Microwave Dielectric Properties of Li₂(M²⁺)₂Mo₃O₁₂ and Li₃(M³⁺)Mo₃O₁₂ (M=Zn, Ca, Al, and In) Lyonsiteâ€Relatedâ€Type Ceramics with Ultraâ€Low Sintering Temperatures. Journal of the American Ceramic Society, 2011, 94, 802-805.	1.9	92
33	BaTiO₃-Based Multilayers with Outstanding Energy Storage Performance for High Temperature Capacitor Applications. ACS Applied Energy Materials, 2019, 2, 5499-5506.	2.5	92
34	Modification of NdNbO₄ microwave dielectric ceramic by Bi substitutions. Journal of the American Ceramic Society, 2019, 102, 2278-2282.	1.9	91
35	Cold-Sintered Temperature Stable Na_{0.5}Bi_{0.5}MoO₄â€“Li₂MoO₄ Microwave Composite Ceramics. ACS Sustainable Chemistry and Engineering, 2018, 6, 2438-2444.	3.2	86
36	Phase transition, Raman spectra, infrared spectra, band gap and microwave dielectric properties of low temperature firing (Na0.5xBi1â^'0.5x)(MoxV1â^'x)O4 solid solution ceramics with scheelite structures. Journal of Materials Chemistry, 2011, 21, 18412.	6.7	84

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37	Vibrational spectroscopy and microwave dielectric properties of AY2Si3O10 (A=Sr, Ba) ceramics for 5G applications. Ceramics International, 2020, 46, 1171-1177.	2.3	84
38	Phase composition, crystal structure, infrared reflectivity and microwave dielectric properties of temperature stable composite ceramics (scheelite and zircon-type) in BiVO₄â€“YVO₄ system. Journal of Materials Chemistry C, 2015, 3, 2582-2588.	2.7	82
39	Improved Energy Storage Properties Achieved in (K, Na)NbO₃â€‘Based Relaxor Ferroelectric Ceramics via a Combinatorial Optimization Strategy. Advanced Functional Materials, 2022, 32, .	7.8	79
40	Features of structure, magnetic state and electrodynamic performance of SrFe12â^'xInxO19. Scientific Reports, 2021, 11, 18342.	1.6	77
41	Low permittivity cordierite-based microwave dielectric ceramics for 5G/6G telecommunications. Journal of the European Ceramic Society, 2022, 42, 2820-2826.	2.8	76
42	Microwave dielectric properties of (1â^'x)ZnMoO4â€“xTiO2 composite ceramics. Journal of Alloys and Compounds, 2011, 509, 5863-5865.	2.8	74
43	Infrared spectra, Raman spectra, microwave dielectric properties and simulation for effective permittivity of temperature stable ceramics AMoO₄â€“TiO₂ (A = Ca, Sr). Dalton Transactions, 2013, 42, 1483-1491.	1.6	73
44	The Effect of Heat Treatment on the Microstructure and Mechanical Properties of 2D Nanostructured Au/NiFe System. Nanomaterials, 2020, 10, 1077.	1.9	72
45	Effect of ZnO and B2O3 on the sintering temperature and microwave dielectric properties of LiNb0.6Ti0.5O3 ceramics. Materials Chemistry and Physics, 2008, 109, 510-514.	2.0	70
46	Microwave Dielectric Characterization of a Li₃NbO₄ Ceramic and Its Chemical Compatibility with Silver. Journal of the American Ceramic Society, 2008, 91, 4115-4117.	1.9	69
47	Microwave dielectric properties of (ABi)1/2MoO4 (A=Li, Na, K, Rb, Ag) type ceramics with ultra-low firing temperatures. Materials Chemistry and Physics, 2011, 129, 688-692.	2.0	68
48	Phase evolution, phase transition, and microwave dielectric properties of scheelite structured xBi(Fe1/3Mo2/3)O4â€“(1â^'x)BiVO4 (0.0 â‰¤ x â‰¤ 1.0) low temperature firing ceramics. Journal of Materials Chemistry, 2012, 22, 21412.	6.7	68
49	Novel water insoluble (Na_xAg_{2â^'x})MoO₄ (0 â‰¤ x â‰¤ 2) microwave dielectric ceramics with spinel structure sintered at 410 degrees. Journal of Materials Chemistry C, 2017, 5, 6086-6091.	2.7	68
50	Ultra-low temperature co-fired ceramics with adjustable microwave dielectric properties in the Na₂Oâ€“Bi₂O₃â€“MoO₃ ternary system: a comprehensive study. Journal of Materials Chemistry C, 2022, 10, 2008-2016.	2.7	65
51	An ultra-broadband terahertz metamaterial coherent absorber using multilayer electric ring resonator structures based on anti-reflection coating. Nanoscale, 2020, 12, 9769-9775.	2.8	64
52	Structure and magnetodielectric properties of titanium substituted barium hexaferrites. Ceramics International, 2021, 47, 17293-17306.	2.3	64
53	Effect of titanium substitution and temperature variation on structure and magnetic state of barium hexaferrites. Journal of Alloys and Compounds, 2021, 859, 158365.	2.8	61
54	High quality factor cold sintered LiF ceramics for microstrip patch antenna applications. Journal of the European Ceramic Society, 2021, 41, 4835-4840.	2.8	61

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55	Temperature stable Sm(Nb_{1â”'x}V_x)O₄ (0.0 â‰¤ x â‰¤ 0.9) microwave dielectric ceramics with ultra-low dielectric loss for dielectric resonator antenna applications. Journal of Materials Chemistry C, 2021, 9, 9962-9971.	2.7	60
56	Ultraâ€Low Firing Highâ€k Scheelite Structures Based on [(Li_{0.5}Bi_{0.5})_xBi_{1â”'x}][Mo_xV<sub>1â”'x</s Microwave Dielectric Ceramics. Journal of the American Ceramic Society, 2010, 93, 2147-2150.	3.9	59
57	Synthesis and Microwave Dielectric Properties of <scp><scp>Zn</scp></scp>₃<scp><scp>B</scp></scp>₂<scp><scp>O</scp></scp>₆ Ceramics for Substrate Application. Journal of the American Ceramic Society, 2012, 95, 1793-1795.	3.9	59
58	Phase Evolution, Crystal Structure, and Microwave Dielectric Properties of Water-Insoluble (1 â€“) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Chemistry, 2017, 56, 9321-9329.	1.9	59
59	Boosting photocatalytic activities of BiVO4 by creation of g-C3N4/ZnO@BiVO4 Heterojunction. Materials Research Bulletin, 2020, 125, 110779.	2.7	59
60	Cold sintering of microwave dielectric ceramics and devices. Journal of Materials Research, 2021, 36, 333-349.	1.2	59
61	Crystal Structure, Infrared Spectra, and Microwave Dielectric Properties of Temperature-Stable Zircon-Type (Y,Bi)VO₄ Solid-Solution Ceramics. ACS Omega, 2016, 1, 963-970.	1.6	58
62	Ferroelastic phase transition compositional dependence for solid-solution [(Li0.5Bi0.5)xBi1â”'x][MoxV1â”'x]O4 scheelite-structured microwave dielectric ceramics. Acta Materialia, 2011, 59, 1502-1509.	3.8	57
63	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.	2.8	56
64	Structural and spectroscopic properties of self-activated monoclinic molybdate BaSm2(MoO4)4. Journal of Alloys and Compounds, 2017, 729, 843-849.	2.8	55
65	Coldâ€Sintered C0G Multilayer Ceramic Capacitors. Advanced Electronic Materials, 2019, 5, 1900025.	2.6	55
66	Phase Evolution, Phase Transition, Raman Spectra, Infrared Spectra, and Microwave Dielectric Properties of Low Temperature Firing (K_{0.5x}Bi_{1â€“0.5x})(Mo_xV_{1â€“x})O₄ Ceramics with Scheelite Related Structure. Inorganic Chemistry, 2011, 50, 12733-12738.	1.9	54
67	Extreme high energy storage efficiency in perovskite structured (1-x)(Ba0.8Sr0.2)TiO3-xBi(Zn2/3Nb1/3)O3 (0.04 â‰¤ x â‰¤ 0.16) ceramics. Journal of the European Ceramic Society, 2020, 40, 3343-3347.	2.8	52
68	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.	2.8	52
69	Recent advances in all-in-one flexible supercapacitors. Science China Materials, 2021, 64, 27-45.	3.5	52
70	Design of a Sub-6 GHz Dielectric Resonator Antenna with Novel Temperature-Stabilized (Sm_{1â€“x}Bi_x)NbO₄ (x = 0â€“0.15) Microwave Dielectric Ceramics. ACS Applied Materials & Interfaces, 2022, 14, 7030-7038.	4.0	52
71	Changes in the Structure, Magnetization, and Resistivity of BaFe_{12â€“x}Ti_xO₁₉. ACS Applied Electronic Materials, 2021, 3, 1583-1593.	2.0	51
72	High-temperature BaTiO3-based ternary dielectric multilayers for energy storage applications with high efficiency. Chemical Engineering Journal, 2021, 414, 128760.	6.6	51

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73	Ln2Mo3O12 (Ln=La, Nd): A novel group of low loss microwave dielectric ceramics with low sintering temperature. Materials Letters, 2011, 65, 164-166.	1.3	50
74	Phase transformation in BiNbO4 ceramics. Applied Physics Letters, 2007, 90, 172910.	1.5	49
75	Preparation and Microwave Dielectric Properties of Ultraâ€low Temperature Sintering Ceramics in <scp><scp>K</scp></scp>₂<scp><scp>O</scp></scp>â€“<scp><scp>MoO</scp></scp>₃ Binary System. Journal of the American Ceramic Society, 2014, 97, 241-245.	1.9	49
76	Cold sintered CaTiO3-K2MoO4 microwave dielectric ceramics for integrated microstrip patch antennas. Applied Materials Today, 2020, 18, 100519.	2.3	48
77	Microwave Dielectric Ceramics Li₂<scp>MO</scp>₄â^'TiO₂ (MÂ=ÂMo,) Tj ETQq1 1 0.784314	1.9	47
78	Low temperature firing microwave dielectric ceramics (K0.5Ln0.5)MoO4 (Ln=Nd and Sm) with low dielectric loss. Journal of the European Ceramic Society, 2011, 31, 2749-2752.	2.8	46
79	Temperature stable microwave dielectric ceramic 0.3Li2TiO3â€“0.7Li(Zn0.5Ti1.5)O4 with ultra-low dielectric loss. Materials Letters, 2011, 65, 2680-2682.	1.3	46
80	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.	1.7	46
81	Sintering Behavior and Dielectric Properties of Ultraâ€Low Temperature Fired Silver Molybdate Ceramics. Journal of the American Ceramic Society, 2014, 97, 3597-3601.	1.9	45
82	Cold sintered LiMgPO₄ based composites for low temperature coâ€fired ceramic (LTCC) applications. Journal of the American Ceramic Society, 2020, 103, 6237-6244.	1.9	45
83	Structureâ€“property relationships of novel microwave dielectric ceramics with low sintering temperatures: (Na_{0.5x}Bi_{0.5x}Ca_{1â^'x})MoO₄. Dalton Transactions, 2014, 43, 11888-11896.	1.6	43
84	Electromagnetic properties of zincâ€“nickel ferrites in the frequency range of 0.05â€“10ÂGHz. Materials Today Chemistry, 2021, 20, 100460.	1.7	43
85	Combined Effect of Microstructure, Surface Energy, and Adhesion Force on the Friction of PVA/Ferrite Spinel Nanocomposites. Nanomaterials, 2022, 12, 1998.	1.9	43
86	A new temperature stable microwave dielectric with low-firing temperature in Bi2MoO6â€“TiO2 system. Journal of Alloys and Compounds, 2010, 493, 626-629.	2.8	42
87	Raman Spectra, Infrared Spectra, and Microwave Dielectric Properties of Lowâ€Temperature Firing [(Li_{0.5}Ln_{0.5})_{1â^'x}Ca_x]MoO₄ (LnÂ=ÂSm and Nd) Solid Solution Ceramics with Scheelite Structure. Journal of the American Ceramic Society, 2015, 98, 587-593.	1.9	42
88	Novel water-assisting low firing MoO3 microwave dielectric ceramics. Journal of the European Ceramic Society, 2019, 39, 2374-2378.	2.8	42
89	Microwave and Infrared Dielectric Response of Temperature Stable (1â^'x)<scp><scp>BaMoO</scp></scp>₄</scp>â€“x<scp><scp>TiO</scp></scp>₂</scp> Composite Ceramics. Journal of the American Ceramic Society, 2012, 95, 232-237.	1.9	41
90	Dielectric resonator antenna with Y₃Al₅O₁₂ transparent dielectric ceramics for 5G millimeterâ€wave applications. Journal of the American Ceramic Society, 2021, 104, 4659-4668.	1.9	41

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91	Highâ€Temperature Flexible Nanocomposites with Ultraâ€High Energy Storage Density by Nanostructured MgO Fillers. Advanced Functional Materials, 2022, 32, .	7.8	41
92	Crystal Structure and Microwave Dielectric Properties of an Ultralowâ€Temperatureâ€Fired (AgBi)_{0.5}WO₄ Ceramic. European Journal of Inorganic Chemistry, 2014, 2014, 296-301.	1.0	40
93	Synthesis, structure, and characterization of new low-firing microwave dielectric ceramics: (Ca_{1â^'3x}Bi_{2x}Î¦_x)MoO₄. Journal of Materials Chemistry C, 2014, 2, 7364-7372.	2.7	40
94	Novel and facile reduced graphene oxide anchored Ni-Co-Zn-Nd-ferrites composites for microwave absorption. Scripta Materialia, 2019, 171, 42-46.	2.6	40
95	Structure, Morphology and Electrical/Magnetic Properties of Ni-Mg Nano-Ferrites from a New Perspective. Nanomaterials, 2022, 12, 1045.	1.9	40
96	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.	2.8	39
97	Flexible Ti₃C₂T_x/Graphene Films with Largeâ€Sized Flakes for Supercapacitors. Small Structures, 2021, 2, 2100015.	6.9	38
98	Structure, Infrared Reflectivity and Microwave Dielectric Properties of (Na_{0.5}La_{0.5})MoO₄â€“(Na_{0.5}Bi_{0.5})MoO₄ Ceramics. Journal of the American Ceramic Society, 2016, 99, 2083-2088.	1.9	37
99	Dielectric resonator antennas based on high quality factor MgAl₂O₄ transparent dielectric ceramics. Journal of Materials Chemistry C, 2020, 8, 14880-14885.	2.7	37
100	5G microstrip patch antenna and microwave dielectric properties of cold sintered LiWVO6â€“K2MoO4 composite ceramics. Ceramics International, 2021, 47, 19241-19246.	2.3	37
101	Structural, Magnetic, and AC Measurements of Nanoferrites/Graphene Composites. Nanomaterials, 2022, 12, 931.	1.9	37
102	Crystal Structure and Microwave Dielectric Behaviors of Ultra-Low-Temperature Fired x(Ag_{0.5}Bi_{0.5})MoO₄â€“(1 â€“ x)BiVO₄ (0.0 â‰¤	1.9	36
103	Pseudo Phase Diagram and Microwave Dielectric Properties of Li₂Oâ€“MgOâ€“TiO₂ Ternary System. Journal of the American Ceramic Society, 2016, 99, 3645-3650.	1.9	36
104	Raspberry-like LiFe₅O₈ nanoparticles embedded on MoS₂ microflowers with excellent microwave absorption performance. Journal of Materials Chemistry A, 2020, 8, 20337-20345.	5.2	36
105	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.	2.8	36
106	Microwave Dielectric Properties of (Li_{0.5}Ln_{0.5})MoO₄ (LnÂ=ÂNd, Er,) Tj ETQq0 0 0 rgBT /Overloc	1.9	34
107	Phase evolution and microwave dielectric properties of xBi_{2/3}MoO₄â€“(1 â^') Tj ETQq1 1 0.784314 rgBT /O 7290-7297.	1.6	33
108	Novel scheeliteâ€type [Ca 0.55 (Nd 1â€•x Bi x) 0.3]MoO 4 (0.2Ââ‰Â x Ââ‰Â0.95) microwave dielectric ceramics with low sintering temperature. Journal of the American Ceramic Society, 2020, 103, 7259-7266.	1.9	33

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109	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.	2.8	33
110	Temperature Stable Cold Sintered (Bi0.95Li0.05)(V0.9Mo0.1)O4-Na2Mo2O7 Microwave Dielectric Composites. Materials, 2019, 12, 1370.	1.3	32
111	Low-temperature sintering and microwave dielectric properties of Li3MO4 (M=Ta, Sb) ceramics. Journal of Alloys and Compounds, 2012, 525, 22-24.	2.8	31
112	High quality microwave dielectric ceramic sintered at extreme-low temperature below 200Â° and co-firing with base metal. Journal of the European Ceramic Society, 2017, 37, 3073-3077.	2.8	31
113	Temperature stable K_{0.5}(Nd_{1â^'x}Bi_x)_{0.5}MoO₄ microwave dielectrics ceramics with ultraâ€low sintering temperature. Journal of the American Ceramic Society, 2018, 101, 1806-1810.	1.9	31
114	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.	2.8	31
115	Lowâ€Temperature Sintering and Microwave Dielectric Properties of <scp><scp>CaMoO</scp></scp>₄â€Based Temperature Stable <scp>LTCC</scp> Material. Journal of the American Ceramic Society, 2014, 97, 2032-2034.	1.9	30
116	A low-firing microwave dielectric material in Li2Oâ€“ZnOâ€“Nb2O5 system. Materials Letters, 2010, 64, 2413-2415.	1.3	29
117	Anomalous dielectric behaviour during the monoclinic to tetragonal phase transition in La(Nb_{0.9}V_{0.1})O₄. Inorganic Chemistry Frontiers, 2021, 8, 156-163.	3.0	29
118	Microwave Dielectric Properties Trends in a Solid Solution (Bi_{1â^'x}Ln_x)₂Mo₂O₉ (Ln=La,) Tj ETQq0 0 0 rgBT /Overlo	Q1	28
119	Dielectric Properties of an Ultraâ€Lowâ€Temperature Cofiring Bi₂Mo₂O₉ Multilayer. Journal of the American Ceramic Society, 2010, 93, 1443-1446.	1.9	28
120	MICROWAVE DIELECTRIC PROPERTIES AND RAMAN SPECTROSCOPY OF SCHEELITE SOLID SOLUTION [(Li0.5Bi0.5)1-xCax]MoO4 CERAMICS WITH ULTRA-LOW SINTERING TEMPERATURES. Functional Materials Letters, 2010, 03, 253-257.	0.7	28
121	Low temperature firing of BiSbO4 microwave dielectric ceramic with B2O3â€“CuO addition. Journal of the European Ceramic Society, 2009, 29, 1543-1546.	2.8	27
122	Lowâ€Temperature Sintering <scp><scp>Li</scp></scp>₂<scp><scp>MoO</scp></scp>₄/<scp><scp>Ni</scp></scp>_{0.5}<scp> Magnetoâ€Dielectric Composites for Highâ€Frequency Application. Journal of the American Ceramic Society, 2014, 97, 2552-2556.	1.9	27
123	Microwave dielectric properties of LiMVO4 (M=Mg, Zn) ceramics with low sintering temperatures. Ceramics International, 2015, 41, 9063-9068.	2.3	27
124	Structure and dielectric properties of Nd(Zn1/2Ti1/2)O3 â€“ BaTiO3 ceramics for energy storage applications. Journal of Alloys and Compounds, 2016, 685, 418-422.	2.8	27
125	Microwave dielectric properties and co-firing of BiNbO4 ceramics with CuO substitution. Materials Chemistry and Physics, 2007, 104, 397-402.	2.0	26
126	Influence of sintering process on the microwave dielectric properties of Bi(V0.008Nb0.992)O4 ceramics. Materials Chemistry and Physics, 2009, 115, 126-131.	2.0	26

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127	Low-temperature sintering and microwave dielectric properties of TiO2-based LTCC materials. Journal of Materials Science: Materials in Electronics, 2010, 21, 1285-1292.	1.1	26
128	Microwave dielectric ceramic with intrinsic low firing temperature: BaLa2(MoO4)4. Materials Letters, 2012, 72, 128-130.	1.3	26
129	Structure, Phase Evolution, and Microwave Dielectric Properties of (Ag_{0.5}Bi_{0.5})(Mo_{0.5}W_{0.5})O₄ Ceramic with Ultralow Sintering Temperature. Inorganic Chemistry, 2014, 53, 5712-5716.	1.9	26
130	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.	0.7	26
131	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.	2.5	26
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