Cheng-Liang Huang

List of Publications by Year
in descending order

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223 papers	4,328 citations	109321 35 h-index	182427 51 g-index
225 all docs	225 docs citations	225 times ranked	1476 citing authors

#	Article	IF	Citations
1	Improved high q value of MgTiO3-CaTiO3 microwave dielectric ceramics at low sintering temperature. Materials Research Bulletin, 2001, 36, 2741-2750.	5.2	165
2	Dielectric Properties of Low Loss (1?x)(Mg0.95Zn0.05)TiO3?xSrTiO3Ceramic System at Microwave Frequency. Journal of the American Ceramic Society, 2007, 90, 858-862.	3.8	95
3	Microwave Dielectric Properties of Sintered Alumina Using Nano-Scaled Powders of ? Alumina and TiO2. Journal of the American Ceramic Society, 2007, 90, 1487-1493.	3.8	87
4	Liquid phase sintering of (Zr,Sn)TiO4 microwave dielectric ceramics. Materials Research Bulletin, 2000, 35, 1881-1888.	5.2	82
5	Liquid phase sintering of MgTiO3â€“CaTiO3 microwave dielectric ceramics. Materials Chemistry and Physics, 2003, 78, 111-115.	4.0	82
6	Sintering behavior and microwave dielectric properties of nano alpha-alumina. Materials Letters, 2005, 59, 3746-3749.	2.6	81
7	Characterization of Extremely Low Loss Dielectrics (Mg0.95Zn0.05)TiO3at Microwave Frequency. Japanese Journal of Applied Physics, 2007, 46, 283-285.	1.5	81
8	Lowâ€Loss Microwave Dielectrics in the (Mg_{1â^'x}Zn_x)₂TiO₄ Ceramics. Journal of the American Ceramic Society, 2008, 91, 3428-3430.	3.8	74
9	Dielectric properties of (1-y)Ca1-xLa2x/3TiO3-y(Li,Nd)1/2TiO3 ceramic system at microwave frequency. Materials Research Bulletin, 2001, 36, 547-556.	5.2	73
10	Highâ€Q Microwave Dielectrics in the (Mg_{1â^'x}Co_x)₂TiO₄ Ceramics. Journal of the American Ceramic Society, 2009, 92, 379-383.	3.8	72
11	Low temperature sintering and microwave dielectric properties of Ba2Ti9O20 ceramics using glass additions. Materials Research Bulletin, 2000, 35, 2445-2456.	5.2	71
12	Effect of ZnO additive on sintering behavior and microwave dielectric properties of 0.95MgTiO3â€“0.05CaTiO3 ceramics. Journal of Alloys and Compounds, 2008, 450, 359-363.	5.5	67
13	Low-loss microwave dielectrics using rock salt oxide Li2MgTiO4. Journal of Alloys and Compounds, 2011, 509, L308-L310.	5.5	61
14	High-Q dielectrics using ZnO-modified Li2TiO3 ceramics for microwave applications. Journal of the European Ceramic Society, 2012, 32, 3287-3295.	5.7	61
15	Effects of additives on microstructures and microwave dielectric properties of (Zr, Sn)TiO4 ceramics. Materials Chemistry and Physics, 2001, 71, 17-22.	4.0	60
16	High-Q microwave dielectrics in low-temperature sintered (Zn1â^'xNix)3Nb2O8 ceramics. Journal of the European Ceramic Society, 2014, 34, 277-284.	5.7	60
17	Lowâ€Loss Microwave Dielectric Ceramics Using (Mg_{1â^'}_xMn_x)₂TiO₄ (x=0.02â€“0.1) Solid Solution. Journal of the American Ceramic Society, 2009, 92, 675-678.	3.8	58
18	Dielectric characteristics of the (1â^'x)Mg2TiO4â€“xSrTiO3 ceramic system at microwave frequencies. Journal of Alloys and Compounds, 2009, 471, L9-L12.	5.5	57

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19	Low temperature sintering and microwave dielectric properties of SmAlO3 ceramics. Materials Research Bulletin, 2002, 37, 563-574.	5.2	55
20	Dielectric Characteristics of Nd(Zn1/2Ti1/2)O3 Ceramics at Microwave Frequencies. Journal of the American Ceramic Society, 2006, 89, 1465-1470.	3.8	55
21	Improved high Q value of CaTiO3â€“Ca(Mg1/3Nb2/3)O3 solid solution with near zero temperature coefficient of resonant frequency. Materials Research Bulletin, 2001, 36, 1645-1652.	5.2	52
22	Effect of B2O3Additives on Sintering and Microwave Dielectric Behaviors of CuO-Doped ZnNb2O6Ceramics. Japanese Journal of Applied Physics, 2002, 41, 758-762.	1.5	51
23	Improved high-Q microwave dielectric resonator using CuO-doped MgNb2O6 ceramics. Materials Research Bulletin, 2003, 38, 1091-1099.	5.2	50
24	Low Dielectric Loss Ceramics in the ZnAl₂O₄â€“TiO₂ System as a Ï„_f Compensator. Journal of the American Ceramic Society, 2009, 92, 119-124.	3.8	50
25	Lowâ€Loss Microwave Dielectrics in the Spinelâ€Structured (Mg_{1â^'x}Ni_x)Al₂O₄ Solid Solutions. Journal of the American Ceramic Society, 2010, 93, 1999-2003.	3.8	46
26	Low-Temperature Sintering and Microwave Dielectric Properties of (1-x)MgTiO3â€“xCaTiO3Ceramics Using Bismuth Addition. Japanese Journal of Applied Physics, 2002, 41, 707-711.	1.5	45
27	Dielectric properties of (1â^'x)(Mg0.95Co0.05)TiO3â€“xCaTiO3 ceramic system at microwave frequency. Materials Research Bulletin, 2002, 37, 2483-2490.	5.2	45
28	High <scp>Q</scp> Microwave Dielectric Ceramics in the <scp><scp>Li₂</scp></scp>(<scp><scp>Zn</scp></scp>_{1â^'x}<scp>A</scp>_x)<sc (<scp>A</scp>Â=Â<scp><scp>Mg</scp>, <scp>Co</scp></scp>; xÂ=Â0.02â€“0.1) System. Journal of the American Ceramic Society, 2011, 94, 4146-4149.	3.8	45
29	Low-Dielectric Loss Characteristics of Nd(Co1/2Ti1/2)O3Ceramics at Microwave Frequencies. Journal of the American Ceramic Society, 2007, 90, 1619-1622.	3.8	44
30	Title is missing!. Journal of Materials Science, 2000, 35, 5443-5447.	3.7	41
31	New dielectric material system of (Mg0.95Zn0.05)TiO3â€“Ca0.61Nd0.26TiO3 at microwave frequency. Journal of Alloys and Compounds, 2008, 453, 337-340.	5.5	41
32	Effect of CuO additive on sintering and microwave dielectric behavior of LaAlO3 ceramics. Materials Research Bulletin, 2001, 36, 1939-1947.	5.2	40
33	Effect of B2O3 additives on sintering and microwave dielectric behaviors of 0.66Ca(Mg1/3Nb2/3)O3â€“0.34CaTiO3 ceramics. Journal of Alloys and Compounds, 2008, 461, 440-446.	5.5	38
34	Influence of V2O5 additions to NdAlO3 ceramics on sintering temperature and microwave dielectric properties. Journal of the European Ceramic Society, 2003, 23, 167-173.	5.7	37
35	Phase Relation and Microwave Dielectric Properties of (Zn_{1â^'x}Co_x)Ta₂O₆System. Journal of the American Ceramic Society, 2010, 93, 1248-1251.	3.8	37
36	Phase Evolution and Dielectric Properties of (Mg_{0.95}M_{0.05}²⁺)Ti₂O₅ (M²⁺=Co, Ni, and Zn) Ceramics at Microwave Frequencies. Journal of the American Ceramic Society, 2009, 92, 384-388.	3.8	36

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37	A new low-loss microwave dielectric using (Ca0.8Sr0.2)TiO3-doped MgTiO3 ceramics. Materials Letters, 2010, 64, 2585-2588.	2.6	34
38	Highâ€Dielectricâ€Constant and Lowâ€Loss Microwave Dielectric in the (1â^'x)Nd(Zn_{1/2}Ti_{1/2})O₃â€“xSrTiO₃ System with a Zero Temperature Coefficient of Resonant Frequency. Journal of the American Ceramic Society, 2008, 91, 2201-2204.	3.8	33
39	Lowâ€Loss Microwave Dielectrics Using Mg₂(Ti_{1â^'x}Sn_x)O₄ (x=0.01â€“0.09) Solid Solution. Journal of the American Ceramic Society, 2009, 92, 2237-2241.	3.8	33
40	Microwave dielectric properties of Ba2â^'xSm4+2/3xTi9O26 ceramics with zero temperature coefficient. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2002, 334, 250-256.	5.6	31
41	Characterization and dielectric behavior of CuO-doped ZnTa2O6 ceramics at microwave frequency. Materials Research Bulletin, 2004, 39, 1701-1708.	5.2	31
42	Dielectric Properties of CaTiO3â€“Ca(Mg1/3Nb2/3)O3Ceramic System at Microwave Frequency. Japanese Journal of Applied Physics, 2000, 39, 6608-6611.	1.5	30
43	Dielectric properties of copper oxide doped 0.95Ba(Zn1/3Ta2/3)O3â€“0.05BaZrO3 ceramics at microwave frequency. Materials Chemistry and Physics, 2006, 97, 256-260.	4.0	30
44	Characterization and dielectric behavior of V2O5-doped MgTiO3â€“CaTiO3 ceramic system at microwave frequency. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2007, 145, 91-96.	3.5	30
45	Microwave Dielectric Properties of (Mg_{1â^'x}Ni_x)₂TiO₄(x=0.02â€“0.1) Ceramics. International Journal of Applied Ceramic Technology, 2010, 7, E163.	2.1	30
46	Microwave dielectric properties of xNd(Zn1/2Ti1/2)O3â€“(1â^'x)CaTiO3 ceramics. Materials Letters, 2007, 61, 4054-4057.	2.6	29
47	Synthesis, Crystal Structure, and Microwave Dielectric Properties of (Mg_{1â^'x}Co_x)Ta₂O₆Solid Solutions. Journal of the American Ceramic Society, 2010, 93, 470-473.	3.8	29
48	Influence of V2O5 additions to 0.8(Mg0.95Zn0.05)TiO3â€“0.2Ca0.61Nd0.26TiO3 ceramics on sintering behavior and microwave dielectric properties. Journal of Alloys and Compounds, 2008, 454, 454-459.	5.5	28
49	Dielectric properties of B2O3-doped (1 â^' x)LaAlO3â€“xSrTiO3 ceramic system at microwave frequency. Materials Research Bulletin, 2002, 37, 1941-1948.	5.2	27
50	Improved high Q value of (1â^'x)Ca(Mg1/3Ta2/3)O3â€“xCa0.8Sm0.4/3TiO3 solid solution with zero temperature coefficient of resonant frequency. Journal of Alloys and Compounds, 2010, 494, 205-209.	5.5	27
51	Dielectric characteristics and sintering behavior of Mg2TiO4â€“(Ca0.8Sr0.2)TiO3 ceramic system at microwave frequency. Journal of Alloys and Compounds, 2009, 487, 420-424.	5.5	26
52	Microwave dielectric properties and microstructures of MgTa2O6 ceramics with CuO addition. Materials Chemistry and Physics, 2005, 90, 373-377.	4.0	25
53	Dielectric properties and mixture behavior of Mg4Nb2O9â€“SrTiO3 ceramic system at microwave frequency. Journal of Alloys and Compounds, 2009, 478, 554-558.	5.5	25
54	Ab Initio-Aided Sensitizer Design for Mn⁴⁺-Activated Mg₂TiO₄ as an Ultrabright Fluoride-Free Red-Emitting Phosphor. Chemistry of Materials, 2018, 30, 1769-1775.	6.7	25

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55	Dielectric characteristics of La(Co1/2Ti1/2)O3 ceramics at microwave frequencies. Materials Letters, 2004, 58, 3732-3736.	2.6	24
56	Microwave characteristics of Sm(Co1/2Ti1/2)O3 dielectric resonators. Materials Letters, 2004, 58, 2829-2833.	2.6	22
57	Characterization and dielectric behavior of a new dielectric ceramics Ca(Mg1/3Nb2/3)O3â€“(Ca0.8Sr0.2)TiO3 at microwave frequencies. Journal of Alloys and Compounds, 2009, 484, 494-497.	5.5	22
58	A new low-loss dielectric using CaTiO3-modified (Mg0.95Mn0.05)TiO3 ceramics for microwave applications. Journal of Alloys and Compounds, 2010, 499, 48-52.	5.5	22
59	Improved high Q value of 0.5LaAlO3-0.5SrTiO3 microwave dielectric ceramics at low sintering temperature. Materials Research Bulletin, 2001, 36, 2677-2687.	5.2	21
60	Highly c-axis oriented thin AlN films deposited on gold seed layer for FBAR devices. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2005, 23, 1474.	1.6	21
61	Microwave dielectric properties and microstructures of La(Mg1/2Ti1/2)O3 with CuO-doped. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 128, 98-102.	3.5	21
62	Influence of ZnO additions to 0.8(Mg0.95Co0.05)TiO3â€“0.2Ca0.6La0.8/3TiO3 ceramics on sintering behavior and microwave dielectric properties. Materials Letters, 2006, 60, 3591-3595.	2.6	21
63	Low-loss microwave dielectric ceramics in the (Co1â^'xZnx)TiO3 (x=0â€“0.1) system. Journal of Alloys and Compounds, 2012, 515, 8-11.	5.5	21
64	High-Q microwave dielectric in the (1â^'x)MgTiO3â€“xCa0.6La0.8/3TiO3 ceramic system with a near-zero temperature coefficient of the resonant frequency. Materials Letters, 2008, 62, 3205-3208.	2.6	20
65	Influence of B2O3 additions to 0.8(Mg0.95Zn0.05)TiO3-0.2Ca0.61Nd0.26TiO3 ceramics on sintering behavior and microwave dielectric properties. Journal of Alloys and Compounds, 2008, 460, 675-679.	5.5	20
66	Microwave dielectric properties and sintering behaviors of (Mg0.95Ni0.05)TiO3â€“CaTiO3 ceramic system. Journal of Alloys and Compounds, 2009, 472, 451-455.	5.5	20
67	A Wideband Cross Monopole Antenna. IEEE Transactions on Antennas and Propagation, 2009, 57, 2464-2468.	5.1	20
68	Microwave Dielectric Properties of (Mg_{0.95}Ni_{0.05})TiO₃â€“SrTiO₃ Ceramics with a Nearâ€Zero Temperature Coefficient of Resonant Frequency. International Journal of Applied Ceramic Technology, 2010, 7, 207-216.	2.1	20
69	The synthesis and photoluminescence enhancement of sensitizer-doped Li2MgTi3O8:Mn4+ red phosphor. Journal of Alloys and Compounds, 2019, 787, 440-447.	5.5	20
70	Shifting Ï„f value of BiNbO4 ceramics by BiTaO4 addition. Journal of Materials Science Letters, 2000, 19, 375-376.	0.5	19
71	Structures and dielectric properties of a new dielectric material system xMgTiO3â€“(1â^'x)MgTa2O6 at microwave frequency. Journal of Alloys and Compounds, 2007, 431, 326-330.	5.5	19
72	Microwave dielectric properties and sintering behavior of nano-scaled (Î±+Î¸)-Al2O3 ceramics. Materials Research Bulletin, 2008, 43, 1463-1471.	5.2	19

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73	Dielectric properties of a new ceramic system (1â^'x)Mg4Nb2O9â€"xCaTiO3 at microwave frequency. Materials Research Bulletin, 2009, 44, 1111-1115.	5.2	19
74	Effect of CuO addition to Nd(Zn1/2Ti1/2)O3 ceramics on sintering behavior and microwave dielectric properties. Materials Letters, 2009, 63, 103-105.	2.6	19
75	Characterization and dielectric behavior of V2O5-doped 0.9Mg0.95Co0.05TiO3â€"0.1Ca0.6La0.8/3TiO3 ceramic system at microwave frequency. Journal of Alloys and Compounds, 2010, 489, 170-174.	5.5	19
76	Dielectric properties of magnesium oxide at microwave frequency. Journal of Alloys and Compounds, 2010, 504, 284-287.	5.5	19
77	Effect of CaTiO3 addition on microwave dielectric properties of Mg2(Ti0.95Sn0.05)O4 ceramics. Journal of Alloys and Compounds, 2011, 509, 4247-4251.	5.5	19
78	Dielectric properties of high-Q (Mg1â€"xZnx)1.8Ti1.1O4 ceramics at microwave frequency. Journal of the European Ceramic Society, 2012, 32, 2365-2371.	5.7	19
79	Microwave dielectric properties of novel Na2Mg5-xZnx(MoO4)6 (xâ€¯=â€¯0â€"0.09) ceramics for ULTCC applications. Materials Research Bulletin, 2021, 141, 111355.	5.2	19
80	Dielectric properties and applications of low loss (1â^'x)(Mg0.95Co0.05)TiO3â€"xCa0.8Sm0.4/3TiO3 ceramic system at microwave frequency. Journal of Alloys and Compounds, 2009, 468, 516-521.	5.5	18
81	High Dielectric Constant and Lowâ€Loss Microwave Dielectric Ceramics Using (Zn_{0.95}M²⁺_{0.05})Ta₂O₆(M²⁺=Mn,Ni	3.8	ETQq1 1 0.784
82	Improvements in the sintering behavior and microwave dielectric properties of Mg4Nb2O9 by adding Fe2O3. Journal of Alloys and Compounds, 2010, 495, L5-L7.	5.5	18
83	Structural characteristics and microwave dielectric properties of low-firing Ba(Co 1â^'x Mg x) 2 (VO 4) Tj ETQq1 1 0.784314 rgBT /Ov	5.5	18
84	Microwave dielectric properties and microstructures of CuO- and ZnO-doped LaAlO3 ceramics. Materials Research Bulletin, 2002, 37, 449-457.	5.2	17
85	Properties of reactively radio frequency-magnetron sputtered (Zr,Sn)TiO4 dielectric films. Journal of Applied Physics, 2004, 96, 1186-1191.	2.5	17
86	Microwave dielectric properties of a new ceramic system (1â^'x)(Mg0.95Zn0.05)TiO3â€"xCaTiO3 at microwave frequencies. Materials Letters, 2008, 62, 3773-3775.	2.6	17
87	Microwave dielectric properties and mixture behavior of (Mg0.95Co0.05)TiO3â€"Ca0.6La0.8/3TiO3 ceramic system. Journal of Alloys and Compounds, 2008, 461, 521-526.	5.5	17
88	Microwave dielectric properties of (1â^'x)(Mg0.95Zn0.05)TiO3â€"x(Na0.5La0.5)TiO3 ceramic system. Journal of Alloys and Compounds, 2009, 472, 497-501.	5.5	17
89	Characterization and dielectric behavior of B2O3-doped 0.9Mg0.95Co0.05TiO3â€"0.1Ca0.6La0.8/3TiO3 ceramic system at microwave frequency. Journal of Alloys and Compounds, 2010, 504, 228-232.	5.5	17
90	Characterization and microwave dielectric properties of Mg2YVO6 ceramic. Journal of Alloys and Compounds, 2015, 641, 93-98.	5.5	17

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91	Microwave dielectric properties and microstructure of Ba2â˜'xSm4+2x/3Ti8+yO24+2y ceramics. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2003, 345, 106-112.	5.6	16
92	Dielectric properties of 0.95Ba(Zn1/3Nb2/3)O3â€"0.05BaZrO3 ceramics at microwave frequency. Materials Letters, 2003, 57, 3602-3605.	2.6	16
93	Microwave properties of B2O3-doped Nd(Mg1/2Ti1/2)O3â€"CaTiO3 dielectric resonators at microwave frequency. Materials Letters, 2006, 60, 198-202.	2.6	16
94	Low-loss microwave dielectrics using SrTiO3-modified (Mg0.95Co0.05)2TiO4 ceramics. Journal of Alloys and Compounds, 2009, 485, 706-710.	5.5	16
95	High-Q microwave dielectrics in the (Mg1â˜'xZnx)Al2O4 (x=0â€"0.1) system. Journal of Alloys and Compounds, 2011, 509, L150-L152.	5.5	16
96	Influence of Mg substitutions for Zn on the phase relation and microwave dielectric properties of (Zn1â˜'xMgx)3Nb2O8 (x=0.02â€"1.0) system. Journal of Alloys and Compounds, 2013, 581, 257-262.	5.5	16
97	Ultra-low temperature sintering and temperature stable microwave dielectrics of phase pure AgMgVO4 ceramics. Journal of the European Ceramic Society, 2022, 42, 3892-3897.	5.7	16
98	A wideband planar inverted-F dielectric resonator antenna for RFID system applications. Microwave and Optical Technology Letters, 2006, 48, 1302-1305.	1.4	15
99	New dielectric material system of x(Mg0.95Zn0.05Ti)O3â€"(1â˜'x)Ca0.8Sm0.4/3TiO3 at microwave frequency. Materials Letters, 2008, 62, 2454-2457.	2.6	15
100	Reduced Dielectric Loss of Modified ZnNb₂O₆ Ceramics by Substituting Nb⁵⁺ with Ta⁵⁺. Journal of the American Ceramic Society, 2009, 92, 1845-1848.	3.8	15
101	Textured Magnesium Titanate as Gate Oxide for GaN-Based Metal-Oxide-Semiconductor Capacitor. Journal of the American Ceramic Society, 2011, 94, 1005-1007.	3.8	15
102	Microwave Dielectric Characteristics of (Mg0.95M0.05)Ta2O6 (M=Ni, Zn, Mn) Ceramic Series. Materials Letters, 2012, 76, 28-31.	2.6	15
103	Title is missing!. Journal of Materials Science, 2000, 35, 4901-4905.	3.7	14
104	New Dielectric Material System of La(Mg1/2Ti1/2)O3â€"CaTiO3at Microwave Frequencies. Japanese Journal of Applied Physics, 2005, 44, 3147-3150.	1.5	14
105	The effect of Ca0.61Nd0.26TiO3 addition on the microwave dielectric properties of (Mg0.95Ni0.05)TiO3 ceramics. Journal of Alloys and Compounds, 2009, 475, 391-395.	5.5	14
106	Microwave dielectric properties of (Mg0.95Co0.05)TiO3â€"(Na0.5Nd0.5)TiO3 ceramic system. Journal of Alloys and Compounds, 2009, 478, 842-846.	5.5	14
107	New dielectric material system of Nd(Mg1/2Ti1/2)O3â€"CaTiO3 with V2O5 addition for microwave applications. Journal of Alloys and Compounds, 2010, 489, 719-721.	5.5	14
108	Ultra-low temperature sintering and temperature stable microwave dielectrics of (Mg_{1-x}Zn_x)V₂O₆ (x= 0â€"0.09) Ceramics. Journal of Asian Ceramic Societies, 2021, 9, 106-112.	2.3	14

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109	Dielectric properties of a low-loss (1â^'x)(Mg0.95Zn0.05)2TiO4â€"xSrTiO3 ceramic system at microwave frequencies. Journal of Alloys and Compounds, 2009, 480, 794-797.	5.5	13
110	Lowâ€Loss Microwave Dielectrics in the (Mg_{1â^'x}Co_x)_{1.8}Ti_{1.1}O₄ (x=0.03â€"1.00) Solid Solutions. Journal of the American Ceramic Society, 2011, 94, 2963-2967.	3.8	13
111	Strong Nearâ€Infrared Photoluminescence Emission of (003)â€Oriented MgTiO₃ Thin Films. Journal of the American Ceramic Society, 2013, 96, 2065-2068.	3.8	13
112	Low loss and temperature stable microwave dielectrics using Li2(Mg1â€"xAx)Ti3O8 (A2+=Zn, Co;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	5.5	13
113	Crystal structure and dielectric properties of xCa(Mg1/3Nb2/3)O3â€"(1â^'x)(Ca0.61Nd0.26)TiO3 at the microwave frequency. Materials Research Bulletin, 2015, 63, 1-5.	5.2	13
114	Microwave dielectric properties of low-loss (Zn1â^'xCox)3Nb2O8 ceramics for LTCC applications. Journal of Alloys and Compounds, 2015, 620, 18-23.	5.5	13
115	Microwave dielectric characteristics of (Mg0.95Ni0.05)TiO3â€"Ca0.8Sm0.4/3TiO3 ceramic system. Journal of Alloys and Compounds, 2009, 477, 720-725.	5.5	12
116	Dielectric properties of B2O3-doped 0.92(Mg0.95Co0.05)2TiO4â€"0.08(Ca0.8Sr0.2)TiO3 ceramics for microwave applications. Journal of Alloys and Compounds, 2010, 505, 291-296.	5.5	12
117	The effect of non-stoichiometry on the microstructure and microwave dielectric properties of the Mg1+Î´TiO3+Î´ ceramics. Journal of Alloys and Compounds, 2011, 509, 9702-9707.	5.5	12
118	Investigation of the microwave dielectric properties of Li2ZnTi5O12 ceramics. Journal of Alloys and Compounds, 2016, 678, 102-108.	5.5	12
119	Solâ€gel derived TiNb₂O₇ dielectric thin films for transparent electronic applications. Journal of the American Ceramic Society, 2018, 101, 674-682.	3.8	12
120	New dielectric materials of xSrTiO3â€"(1â^'x)Ca(Mg1/3Nb2/3)O3 ceramic system at microwave frequency. Materials Letters, 2006, 60, 1280-1283.	2.6	11
121	Characteristics of High-Q Microwave Dielectric Ceramics Nd(Co1/2Ti1/2)O3With CuO Addition. Journal of the American Ceramic Society, 2007, 90, 2409-2414.	3.8	11
122	New compact microstrip stacked slotted resonators bandpass filter with transmission zeros using high-permittivity ceramics substrate. Microwave and Optical Technology Letters, 2008, 50, 1377-1379.	1.4	11
123	The effect of deposition temperature and chamber pressure on the electrical and physical properties of the MgTiO3 thin films. Journal of Alloys and Compounds, 2009, 480, 897-902.	5.5	11
124	Microwave dielectric properties of x(Mg0.7Zn0.3)0.95Co0.05TiO3â€"(1â^'x)Ca0.8Sr0.2TiO3 ceramics with a zero temperature coefficient of resonant frequency. Journal of Alloys and Compounds, 2010, 503, 392-396.	5.5	11
125	Low-loss microwave dielectrics using (Mg1â^'xZnx)4Nb2O9 (x=0.02â€"0.08) solid solutions. Journal of Alloys and Compounds, 2011, 509, 2269-2272.	5.5	11
126	High-Q Li₂Mg₂(MoO₄)₃ dielectrics for LTCC applications at microwave frequencies. Journal of Asian Ceramic Societies, 2020, 8, 430-436.	2.3	11

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127	Resistive switching characteristics of sol-gel derived La2Zr2O7 thin film for RRAM applications. Journal of Alloys and Compounds, 2022, 899, 163294.	5.5	11
128	Low firable 0.95MgTiO3-0.05CaTiO3 microwave dielectrics. Journal of Materials Science Letters, 2002, 21, 149-151.	0.5	10
129	Dielectric properties of (1â^'x)(Mg0.95Zn0.05)TiO3â€“x(Na0.5Nd0.5)TiO3 ceramic system at microwave frequencies. Materials Letters, 2008, 62, 2516-2519.	2.6	10
130	Phase development and dielectric properties of BaAl2Si2O8-based low temperature co-fire ceramic material. Journal of the Ceramic Society of Japan, 2008, 116, 935-940.	1.1	10
131	New dielectric material system of Mg0.95Co0.05TiO3â^'Zn0.975Ca0.025TiO3 at microwave frequencies. Journal of Alloys and Compounds, 2009, 477, 712-715.	5.5	10
132	Low-firable high-K dielectric in the Zrx(Zn1/3Nb2/3)1â^'xTiO4 ceramic system. Journal of Alloys and Compounds, 2011, 509, L293-L295.	5.5	10
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