Cheng-liang Huang

List of Publications by Year
in descending order

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244 papers	4,479 citations	106120 35 h-index	175522 52 g-index
245 all docs	245 docs citations	245 times ranked	1805 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.	5.3	167
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	97
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	90
4	Sintering behavior and microwave dielectric properties of nano alpha-alumina. Materials Letters, 2005, 59, 3746-3749.	2.7	87
5	Liquid phase sintering of (Zr,Sn)TiO4 microwave dielectric ceramics. Materials Research Bulletin, 2000, 35, 1881-1888.	5.3	83
6	Liquid phase sintering of MgTiO3â€“CaTiO3 microwave dielectric ceramics. Materials Chemistry and Physics, 2003, 78, 111-115.	4.1	82
7	Characterization of Extremely Low Loss Dielectrics (Mg0.95Zn0.05)TiO3at Microwave Frequency. Japanese Journal of Applied Physics, 2007, 46, 283-285.	1.6	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	76
9	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	74
10	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.	5.3	73
11	Low temperature sintering and microwave dielectric properties of Ba2Ti9O20 ceramics using glass additions. Materials Research Bulletin, 2000, 35, 2445-2456.	5.3	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.	5.7	70
13	Low-loss microwave dielectrics using rock salt oxide Li2MgTiO4. Journal of Alloys and Compounds, 2011, 509, L308-L310.	5.7	63
14	High-Q dielectrics using ZnO-modified Li2TiO3 ceramics for microwave applications. Journal of the European Ceramic Society, 2012, 32, 3287-3295.	5.6	61
15	Effects of additives on microstructures and microwave dielectric properties of (Zr, Sn)TiO4 ceramics. Materials Chemistry and Physics, 2001, 71, 17-22.	4.1	60
16	High-Q microwave dielectrics in low-temperature sintered (Zn1â^'xNix)3Nb2O8 ceramics. Journal of the European Ceramic Society, 2014, 34, 277-284.	5.6	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	59
18	Low temperature sintering and microwave dielectric properties of SmAlO3 ceramics. Materials Research Bulletin, 2002, 37, 563-574.	5.3	58

#	Article	IF	Citations
19	Dielectric characteristics of the (1â^'x)Mg2TiO4â€"xSrTiO3 ceramic system at microwave frequencies. Journal of Alloys and Compounds, 2009, 471, L9-L12.	5.7	58
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.	5.3	52
22	Effect of B2O3Additives on Sintering and Microwave Dielectric Behaviors of CuO-Doped ZnNb2O6Ceramics. Japanese Journal of Applied Physics, 2002, 41, 758-762.	1.6	52
23	Improved high-Q microwave dielectric resonator using CuO-doped MgNb2O6 ceramics. Materials Research Bulletin, 2003, 38, 1091-1099.	5.3	52
24	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	51
25	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
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.	1.6	45
27	Dielectric properties of (1â^'x)(Mg0.95Co0.05)TiO3â€"xCaTiO3 ceramic system at microwave frequency. Materials Research Bulletin, 2002, 37, 2483-2490.	5.3	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	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	43
31	Title is missing!. Journal of Materials Science, 2000, 35, 5443-5447.	3.7	41
32	New dielectric material system of (Mg0.95Zn0.05)TiO3â€"Ca0.61Nd0.26TiO3 at microwave frequency. Journal of Alloys and Compounds, 2008, 453, 337-340.	5.7	41
33	Effect of CuO additive on sintering and microwave dielectric behavior of LaAlO3 ceramics. Materials Research Bulletin, 2001, 36, 1939-1947.	5.3	40
34	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.	5.7	39
35	Influence of V2O5 additions to NdAlO3 ceramics on sintering temperature and microwave dielectric properties. Journal of the European Ceramic Society, 2003, 23, 167-173.	5.6	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.	2.7	35
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.	5.3	31
42	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.	3.6	31
43	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	31
44	Dielectric Properties of CaTiO3â€“Ca(Mg1/3Nb2/3)O3Ceramic System at Microwave Frequency. Japanese Journal of Applied Physics, 2000, 39, 6608-6611.	1.6	30
45	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.	4.1	30
46	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	30
47	Microwave dielectric properties of xNd(Zn1/2Ti1/2)O3â€“(1â^'x)CaTiO3 ceramics. Materials Letters, 2007, 61, 4054-4057.	2.7	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.	5.7	29
49	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.	5.7	28
50	Ab Initio-Aided Sensitizer Design for Mn⁴⁺-Activated Mg₂TiO₄ as an Ultrabright Fluoride-Free Red-Emitting Phosphor. Chemistry of Materials, 2018, 30, 1769-1775.	7.1	28
51	Dielectric properties of B2O3-doped (1 â^' x)LaAlO3â€“xSrTiO3 ceramic system at microwave frequency. Materials Research Bulletin, 2002, 37, 1941-1948.	5.3	27
52	Microwave dielectric properties and microstructures of MgTa2O6 ceramics with CuO addition. Materials Chemistry and Physics, 2005, 90, 373-377.	4.1	27
53	Dielectric properties and mixture behavior of Mg4Nb2O9â€“SrTiO3 ceramic system at microwave frequency. Journal of Alloys and Compounds, 2009, 478, 554-558.	5.7	26
54	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.	5.7	26

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55	The synthesis and photoluminescence enhancement of sensitizer-doped Li2MgTi3O8:Mn4+ red phosphor. Journal of Alloys and Compounds, 2019, 787, 440-447.	5.7	25
56	Dielectric characteristics of La(Co1/2Ti1/2)O3 ceramics at microwave frequencies. Materials Letters, 2004, 58, 3732-3736.	2.7	24
57	Microwave characteristics of Sm(Co1/2Ti1/2)O3 dielectric resonators. Materials Letters, 2004, 58, 2829-2833.	2.7	22
58	Microwave dielectric properties and sintering behaviors of (Mg0.95Ni0.05)TiO3â€“CaTiO3 ceramic system. Journal of Alloys and Compounds, 2009, 472, 451-455.	5.7	22
59	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.	5.7	22
60	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	22
61	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.	5.7	22
62	Microwave dielectric properties of novel Na2Mg5-xZnx(MoO4)6 (xâ€¯=â€¯0â€“0.09) ceramics for ULTCC applications. Materials Research Bulletin, 2021, 141, 111355.	5.3	22
63	Improved high Q value of 0.5LaAlO3-0.5SrTiO3 microwave dielectric ceramics at low sintering temperature. Materials Research Bulletin, 2001, 36, 2677-2687.	5.3	21
64	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
65	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.	3.6	21
66	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.	2.7	21
67	Microwave dielectric properties and sintering behavior of nano-scaled (Î±+Î¸)-Al2O3 ceramics. Materials Research Bulletin, 2008, 43, 1463-1471.	5.3	21
68	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.	5.7	21
69	Low-loss microwave dielectric ceramics in the (Co1âˆ’xZnx)TiO3 (x=0â€“0.1) system. Journal of Alloys and Compounds, 2012, 515, 8-11.	5.7	21
70	Structures and dielectric properties of a new dielectric material system xMgTiO3â€“(1âˆ’x)MgTa2O6 at microwave frequency. Journal of Alloys and Compounds, 2007, 431, 326-330.	5.7	20
71	High-Q microwave dielectric in the (1âˆ’x)MgTiO3â€“xCa0.6La0.8/3TiO3 ceramic system with a near-zero temperature coefficient of the resonant frequency. Materials Letters, 2008, 62, 3205-3208.	2.7	20
72	Dielectric properties of a new ceramic system (1âˆ’x)Mg4Nb2O9â€“xCaTiO3 at microwave frequency. Materials Research Bulletin, 2009, 44, 1111-1115.	5.3	20

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73	A Wideband Cross Monopole Antenna. IEEE Transactions on Antennas and Propagation, 2009, 57, 2464-2468.	5.3	20
74	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.	5.7	20
75	Dielectric properties of magnesium oxide at microwave frequency. Journal of Alloys and Compounds, 2010, 504, 284-287.	5.7	20
76	Structural characteristics and microwave dielectric properties of low-firing Ba(Co 1â^'x Mg x) 2 (VO 4) Tj ETQq0 0 0 rgBT /Overlock 10 T	5.7	20
77	Shifting Ï„f value of BiNbO4 ceramics by BiTaO4 addition. Journal of Materials Science Letters, 2000, 19, 375-376.	0.5	19
78	Effect of CuO addition to Nd(Zn1/2Ti1/2)O3 ceramics on sintering behavior and microwave dielectric properties. Materials Letters, 2009, 63, 103-105.	2.7	19
79	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.	5.7	19
80	Dielectric properties of high-Q (Mg1â€“xZnx)1.8Ti1.1O4 ceramics at microwave frequency. Journal of the European Ceramic Society, 2012, 32, 2365-2371.	5.6	19
81	Microwave dielectric properties and microstructures of CuO- and ZnO-doped LaAlO3 ceramics. Materials Research Bulletin, 2002, 37, 449-457.	5.3	18
82	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.	5.7	18
83	High Dielectric Constant and Lowâ€Loss Microwave Dielectric Ceramics Using (Zn_{0.95}M²⁺_{0.05})Ta₂O₆(M²⁺=Mn,Mg	3.8	ETQq1 1 0.784
84	Improvements in the sintering behavior and microwave dielectric properties of Mg4Nb2O9 by adding Fe2O3. Journal of Alloys and Compounds, 2010, 495, L5-L7.	5.7	18
85	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.	5.7	18
86	Characterization and microwave dielectric properties of Mg2YVO6 ceramic. Journal of Alloys and Compounds, 2015, 641, 93-98.	5.7	18
87	Ultra-low temperature sintering and temperature stable microwave dielectrics of phase pure AgMgVO4 ceramics. Journal of the European Ceramic Society, 2022, 42, 3892-3897.	5.6	18
88	Properties of reactively radio frequency-magnetron sputtered (Zr,Sn)TiO4 dielectric films. Journal of Applied Physics, 2004, 96, 1186-1191.	2.3	17
89	Microwave dielectric properties of a new ceramic system (1â^'x)(Mg0.95Zn0.05)TiO3â€“xCaTiO3 at microwave frequencies. Materials Letters, 2008, 62, 3773-3775.	2.7	17
90	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.	5.7	17

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91	High-Q microwave dielectrics in the (Mg1â^'xZnx)Al2O4 (x=0â€“0.1) system. Journal of Alloys and Compounds, 2011, 509, L150-L152.	5.7	17
92	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
93	Dielectric properties of 0.95Ba(Zn1/3Nb2/3)O3â€“0.05BaZrO3 ceramics at microwave frequency. Materials Letters, 2003, 57, 3602-3605.	2.7	16
94	Microwave properties of B2O3-doped Nd(Mg1/2Ti1/2)O3â€“CaTiO3 dielectric resonators at microwave frequency. Materials Letters, 2006, 60, 198-202.	2.7	16
95	Reduced Dielectric Loss of Modified ZnNb₂O₆ Ceramics by Substituting Nb⁵⁺ with Ta⁵⁺. Journal of the American Ceramic Society, 2009, 92, 1845-1848.	3.8	16
96	Low-loss microwave dielectrics using SrTiO3-modified (Mg0.95Co0.05)2TiO4 ceramics. Journal of Alloys and Compounds, 2009, 485, 706-710.	5.7	16
97	Microwave Dielectric Characteristics of (Mg0.95M0.05)Ta2O6 (M=Ni, Zn, Mn) Ceramic Series. Materials Letters, 2012, 76, 28-31.	2.7	16
98	Influence of Mg substitutions for Zn on the phase relation and microwave dielectric properties of (Zn1â^'Mg)3Nb2O8 (x= 0.02â€“1.0) system. Journal of Alloys and Compounds, 2013, 581, 257-262.	5.7	16
99	A wideband planar inverted-F dielectric resonator antenna for RFID system applications. Microwave and Optical Technology Letters, 2006, 48, 1302-1305.	1.5	15
100	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.	2.7	15
101	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.	5.7	15
102	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
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.	1.6	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.	5.7	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.	5.7	14
107	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.	5.3	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	Resistive switching characteristics of sol-gel derived La2Zr2O7 thin film for RRAM applications. Journal of Alloys and Compounds, 2022, 899, 163294.	5.7	14
110	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.	5.7	13
111	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.	5.7	13
112	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
113	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
114	Low loss and temperature stable microwave dielectrics using Li2(Mg1â€“xAx)Ti3O8 (A2+=Zn, Co;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	5.7	13
115	Microwave dielectric properties of low-loss (Zn1â˜'xCox)3Nb2O8 ceramics for LTCC applications. Journal of Alloys and Compounds, 2015, 620, 18-23.	5.7	13
116	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	12
117	Microwave dielectric characteristics of (Mg0.95Ni0.05)TiO3â€“Ca0.8Sm0.4/3TiO3 ceramic system. Journal of Alloys and Compounds, 2009, 477, 720-725.	5.7	12
118	The effect of non-stoichiometry on the microstructure and microwave dielectric properties of the Mg1+ÎTiO3+Î´ ceramics. Journal of Alloys and Compounds, 2011, 509, 9702-9707.	5.7	12
119	Investigation of the microwave dielectric properties of Li2ZnTi5O12 ceramics. Journal of Alloys and Compounds, 2016, 678, 102-108.	5.7	12
120	Solâ€gel derived TiNb₂O₇ dielectric thin films for transparent electronic applications. Journal of the American Ceramic Society, 2018, 101, 674-682.	3.8	12
121	High-Q Li₂Mg₂(MoO₄)₃ dielectrics for LTCC applications at microwave frequencies. Journal of Asian Ceramic Societies, 2020, 8, 430-436.	2.3	12
122	Resistive Switching Property of Organicâ€“Inorganic Tri-Cation Lead Iodide Perovskite Memory Device. Nanomaterials, 2020, 10, 1155.	4.2	12
123	Influence of intrinsic and extrinsic factors on microwave dielectric properties of (Sr1-xMgx)V2O6 (xÂ=Â0.01â€“0.09) ceramics for ULTCC applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 273, 115438.	3.6	12
124	New dielectric materials of xSrTiO3â€“(1â˜'x)Ca(Mg1/3Nb2/3)O3 ceramic system at microwave frequency. Materials Letters, 2006, 60, 1280-1283.	2.7	11
125	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.	1.5	11
126	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.	2.7	11

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127	New dielectric material system of Mg0.95Co0.05TiO3â^'Zn0.975Ca0.025TiO3 at microwave frequencies. Journal of Alloys and Compounds, 2009, 477, 712-715.	5.7	11
128	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.	5.7	11
129	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.	5.7	11
130	Low-loss microwave dielectrics using (Mg1â^'xZnx)4Nb2O9 (x=0.02â€"0.08) solid solutions. Journal of Alloys and Compounds, 2011, 509, 2269-2272.	5.7	11
131	Resistive switching characteristics and mechanism of lanthanum yttrium oxide (LaYO3) films deposited by RF sputtering for RRAM applications. Journal of Alloys and Compounds, 2023, 930, 167487.	5.7	11
132	Low firable 0.95MgTiO3-0.05CaTiO3 microwave dielectrics. Journal of Materials Science Letters, 2002, 21, 149-151.	0.5	10
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