

Cheng-Liang Huang

List of Publications by Year in descending order

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223
papers

4,328
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109264

35
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51
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all docs

225
docs citations

225
times ranked

1476
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved high q value of MgTiO ₃ -CaTiO ₃ microwave dielectric ceramics at low sintering temperature. Materials Research Bulletin, 2001, 36, 2741-2750.	2.7	165
2	Dielectric Properties of Low Loss (1-x)(Mg _{0.95} Zn _{0.05})TiO ₃ -xSrTiO ₃ Ceramic System at Microwave Frequency. Journal of the American Ceramic Society, 2007, 90, 858-862.	1.9	95
3	Microwave Dielectric Properties of Sintered Alumina Using Nano-Scaled Powders of γ Alumina and TiO ₂ . Journal of the American Ceramic Society, 2007, 90, 1487-1493.	1.9	87
4	Liquid phase sintering of (Zr,Sn)TiO ₄ microwave dielectric ceramics. Materials Research Bulletin, 2000, 35, 1881-1888.	2.7	82
5	Liquid phase sintering of MgTiO ₃ -CaTiO ₃ microwave dielectric ceramics. Materials Chemistry and Physics, 2003, 78, 111-115.	2.0	82
6	Sintering behavior and microwave dielectric properties of nano alpha-alumina. Materials Letters, 2005, 59, 3746-3749.	1.3	81
7	Characterization of Extremely Low Loss Dielectrics (Mg _{0.95} Zn _{0.05})TiO ₃ at Microwave Frequency. Japanese Journal of Applied Physics, 2007, 46, 283-285.	0.8	81
8	Low-loss Microwave Dielectrics in the (Mg _{1-x} Zn _x) ₂ TiO ₄ Ceramics. Journal of the American Ceramic Society, 2008, 91, 3428-3430.	1.9	74
9	Dielectric properties of (1-y)Ca _{1-x} La _{2x/3} TiO _{3-y} (Li,Nd) _{1/2} TiO ₃ ceramic system at microwave frequency. Materials Research Bulletin, 2001, 36, 547-556.	2.7	73
10	High-Q Microwave Dielectrics in the (Mg _{1-x} Co _x) ₂ TiO ₄ Ceramics. Journal of the American Ceramic Society, 2009, 92, 379-383.	1.9	72
11	Low temperature sintering and microwave dielectric properties of Ba ₂ Ti ₉ O ₂₀ ceramics using glass additions. Materials Research Bulletin, 2000, 35, 2445-2456.	2.7	71
12	Effect of ZnO additive on sintering behavior and microwave dielectric properties of 0.95MgTiO ₃ -0.05CaTiO ₃ ceramics. Journal of Alloys and Compounds, 2008, 450, 359-363.	2.8	67
13	Low-loss microwave dielectrics using rock salt oxide Li ₂ MgTiO ₄ . Journal of Alloys and Compounds, 2011, 509, L308-L310.	2.8	61
14	High-Q dielectrics using ZnO-modified Li ₂ TiO ₃ ceramics for microwave applications. Journal of the European Ceramic Society, 2012, 32, 3287-3295.	2.8	61
15	Effects of additives on microstructures and microwave dielectric properties of (Zr, Sn)TiO ₄ ceramics. Materials Chemistry and Physics, 2001, 71, 17-22.	2.0	60
16	High-Q microwave dielectrics in low-temperature sintered (Zn _{1-x} Ni _x) ₃ Nb ₂ O ₈ ceramics. Journal of the European Ceramic Society, 2014, 34, 277-284.	2.8	60
17	Low-loss Microwave Dielectric Ceramics Using (Mg _{1-x}) ₂ TiO ₄ (x=0.02-0.1) Solid Solution. Journal of the American Ceramic Society, 2009, 92, 675-678.	1.9	58
18	Dielectric characteristics of the (1-x)Mg ₂ TiO ₄ -xSrTiO ₃ ceramic system at microwave frequencies. Journal of Alloys and Compounds, 2009, 471, L9-L12.	2.8	57

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19	Low temperature sintering and microwave dielectric properties of SmAlO ₃ ceramics. Materials Research Bulletin, 2002, 37, 563-574.	2.7	55
20	Dielectric Characteristics of Nd(Zn _{1/2} Ti _{1/2})O ₃ Ceramics at Microwave Frequencies. Journal of the American Ceramic Society, 2006, 89, 1465-1470.	1.9	55
21	Improved high Q value of CaTiO ₃ Ca(Mg _{1/3} Nb _{2/3})O ₃ solid solution with near zero temperature coefficient of resonant frequency. Materials Research Bulletin, 2001, 36, 1645-1652.	2.7	52
22	Effect of B ₂ O ₃ Additives on Sintering and Microwave Dielectric Behaviors of CuO-Doped ZnNb ₂ O ₆ Ceramics. Japanese Journal of Applied Physics, 2002, 41, 758-762.	0.8	51
23	Improved high-Q microwave dielectric resonator using CuO-doped MgNb ₂ O ₆ ceramics. Materials Research Bulletin, 2003, 38, 1091-1099.	2.7	50
24	Low Dielectric Loss Ceramics in the ZnAl ₂ O ₄ –TiO ₂ System as a ϵ_r Compensator. Journal of the American Ceramic Society, 2009, 92, 119-124.	1.9	50
25	Low Loss Microwave Dielectrics in the Spinel Structured (Mg _{1-x} Ni _x)Al ₂ O ₄ Solid Solutions. Journal of the American Ceramic Society, 2010, 93, 1999-2003.	1.9	46
26	Low-Temperature Sintering and Microwave Dielectric Properties of (1-x)MgTiO ₃ –xCaTiO ₃ Ceramics Using Bismuth Addition. Japanese Journal of Applied Physics, 2002, 41, 707-711.	0.8	45
27	Dielectric properties of (1-x)(Mg _{0.95} Co _{0.05})TiO ₃ –xCaTiO ₃ ceramic system at microwave frequency. Materials Research Bulletin, 2002, 37, 2483-2490.	2.7	45
28	High Q Microwave Dielectric Ceramics in the (Li ₂) ₂ (Zn _{1-x} A _x) ₂ (Mg _{1-x} Co _x)TiO ₃ System. Journal of the American Ceramic Society, 2011, 94, 4146-4149.	1.9	45
29	Low-Dielectric Loss Characteristics of Nd(Co _{1/2} Ti _{1/2})O ₃ Ceramics at Microwave Frequencies. Journal of the American Ceramic Society, 2007, 90, 1619-1622.	1.9	44
30	Title is missing!. Journal of Materials Science, 2000, 35, 5443-5447.	1.7	41
31	New dielectric material system of (Mg _{0.95} Zn _{0.05})TiO ₃ –Ca _{0.61} Nd _{0.26} TiO ₃ at microwave frequency. Journal of Alloys and Compounds, 2008, 453, 337-340.	2.8	41
32	Effect of CuO additive on sintering and microwave dielectric behavior of LaAlO ₃ ceramics. Materials Research Bulletin, 2001, 36, 1939-1947.	2.7	40
33	Effect of B ₂ O ₃ additives on sintering and microwave dielectric behaviors of 0.66Ca(Mg _{1/3} Nb _{2/3})O ₃ –0.34CaTiO ₃ ceramics. Journal of Alloys and Compounds, 2008, 461, 440-446.	2.8	38
34	Influence of V ₂ O ₅ additions to NdAlO ₃ ceramics on sintering temperature and microwave dielectric properties. Journal of the European Ceramic Society, 2003, 23, 167-173.	2.8	37
35	Phase Relation and Microwave Dielectric Properties of (Zn _{1-x} Co _x)Ta ₂ O ₆ System. Journal of the American Ceramic Society, 2010, 93, 1248-1251.	1.9	37
36	Phase Evolution and Dielectric Properties of (Mg _{0.95} M _{0.05}) ₂ Ti ₂ O ₅ (M ²⁺ =Co, Ni, and Zn) Ceramics at Microwave Frequencies. Journal of the American Ceramic Society, 2009, 92, 384-388.	1.9	36

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37	A new low-loss microwave dielectric using (Ca _{0.8} Sr _{0.2})TiO ₃ -doped MgTiO ₃ ceramics. <i>Materials Letters</i> , 2010, 64, 2585-2588.	1.3	34
38	High Dielectric Constant and Low Loss Microwave Dielectric in the (1-x)Nd(Zn _{1/2} Ti _{1/2})O ₃ -xSrTiO ₃ System with a Zero Temperature Coefficient of Resonant Frequency. <i>Journal of the American Ceramic Society</i> , 2008, 91, 2201-2204.	1.9	33
39	Low Loss Microwave Dielectrics Using Mg ₂ (Ti _{1-x} Sn _x)O ₄ (x=0.01-0.09) Solid Solution. <i>Journal of the American Ceramic Society</i> , 2009, 92, 2237-2241.	1.9	33
40	Microwave dielectric properties of Ba _{2-x} Sm _{4+2/3} Ti ₉ O ₂₆ ceramics with zero temperature coefficient. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2002, 334, 250-256.	2.6	31
41	Characterization and dielectric behavior of CuO-doped ZnTa ₂ O ₆ ceramics at microwave frequency. <i>Materials Research Bulletin</i> , 2004, 39, 1701-1708.	2.7	31
42	Dielectric Properties of CaTiO ₃ -Ca(Mg _{1/3} Nb _{2/3})O ₃ Ceramic System at Microwave Frequency. <i>Japanese Journal of Applied Physics</i> , 2000, 39, 6608-6611.	0.8	30
43	Dielectric properties of copper oxide doped 0.95Ba(Zn _{1/3} Ta _{2/3})O ₃ -0.05BaZrO ₃ ceramics at microwave frequency. <i>Materials Chemistry and Physics</i> , 2006, 97, 256-260.	2.0	30
44	Characterization and dielectric behavior of V ₂ O ₅ -doped MgTiO ₃ -CaTiO ₃ ceramic system at microwave frequency. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2007, 145, 91-96.	1.7	30
45	Microwave Dielectric Properties of (Mg _{1-x} Ni _x) ₂ TiO ₄ (x=0.02-0.1) Ceramics. <i>International Journal of Applied Ceramic Technology</i> , 2010, 7, E163.	1.1	30
46	Microwave dielectric properties of xNd(Zn _{1/2} Ti _{1/2})O ₃ -(1-x)CaTiO ₃ ceramics. <i>Materials Letters</i> , 2007, 61, 4054-4057.	1.3	29
47	Synthesis, Crystal Structure, and Microwave Dielectric Properties of (Mg _{1-x} Co _x)Ta ₂ O ₆ Solid Solutions. <i>Journal of the American Ceramic Society</i> , 2010, 93, 470-473.	1.9	29
48	Influence of V ₂ O ₅ additions to 0.8(Mg _{0.95} Zn _{0.05})TiO ₃ -0.2Ca _{0.61} Nd _{0.26} TiO ₃ ceramics on sintering behavior and microwave dielectric properties. <i>Journal of Alloys and Compounds</i> , 2008, 454, 454-459.	2.8	28
49	Dielectric properties of B ₂ O ₃ -doped (1-x)LaAlO ₃ -xSrTiO ₃ ceramic system at microwave frequency. <i>Materials Research Bulletin</i> , 2002, 37, 1941-1948.	2.7	27
50	Improved high Q value of (1-x)Ca(Mg _{1/3} Ta _{2/3})O ₃ -xCa _{0.8} Sm _{0.4/3} TiO ₃ solid solution with zero temperature coefficient of resonant frequency. <i>Journal of Alloys and Compounds</i> , 2010, 494, 205-209.	2.8	27
51	Dielectric characteristics and sintering behavior of Mg ₂ TiO ₄ -(Ca _{0.8} Sr _{0.2})TiO ₃ ceramic system at microwave frequency. <i>Journal of Alloys and Compounds</i> , 2009, 487, 420-424.	2.8	26
52	Microwave dielectric properties and microstructures of MgTa ₂ O ₆ ceramics with CuO addition. <i>Materials Chemistry and Physics</i> , 2005, 90, 373-377.	2.0	25
53	Dielectric properties and mixture behavior of Mg ₄ Nb ₂ O ₉ -SrTiO ₃ ceramic system at microwave frequency. <i>Journal of Alloys and Compounds</i> , 2009, 478, 554-558.	2.8	25
54	Ab Initio-Aided Sensitizer Design for Mn ⁴⁺ -Activated Mg ₂ TiO ₄ as an Ultrabright Fluoride-Free Red-Emitting Phosphor. <i>Chemistry of Materials</i> , 2018, 30, 1769-1775.	3.2	25

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55	Dielectric characteristics of La(Co _{1/2} Ti _{1/2})O ₃ ceramics at microwave frequencies. <i>Materials Letters</i> , 2004, 58, 3732-3736.	1.3	24
56	Microwave characteristics of Sm(Co _{1/2} Ti _{1/2})O ₃ dielectric resonators. <i>Materials Letters</i> , 2004, 58, 2829-2833.	1.3	22
57	Characterization and dielectric behavior of a new dielectric ceramics Ca(Mg _{1/3} Nb _{2/3})O ₃ â€“(Ca _{0.8} Sr _{0.2})TiO ₃ at microwave frequencies. <i>Journal of Alloys and Compounds</i> , 2009, 484, 494-497.	2.8	22
58	A new low-loss dielectric using CaTiO ₃ -modified (Mg _{0.95} Mn _{0.05})TiO ₃ ceramics for microwave applications. <i>Journal of Alloys and Compounds</i> , 2010, 499, 48-52.	2.8	22
59	Improved high Q value of 0.5LaAlO ₃ -0.5SrTiO ₃ microwave dielectric ceramics at low sintering temperature. <i>Materials Research Bulletin</i> , 2001, 36, 2677-2687.	2.7	21
60	Highly c-axis oriented thin AlN films deposited on gold seed layer for FBAR devices. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2005, 23, 1474.	1.6	21
61	Microwave dielectric properties and microstructures of La(Mg _{1/2} Ti _{1/2})O ₃ with CuO-doped. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2006, 128, 98-102.	1.7	21
62	Influence of ZnO additions to 0.8(Mg _{0.95} Co _{0.05})TiO ₃ â€“0.2Ca _{0.6} La _{0.8/3} TiO ₃ ceramics on sintering behavior and microwave dielectric properties. <i>Materials Letters</i> , 2006, 60, 3591-3595.	1.3	21
63	Low-loss microwave dielectric ceramics in the (Co _{1-x} Zn _x)TiO ₃ (x=0â€“0.1) system. <i>Journal of Alloys and Compounds</i> , 2012, 515, 8-11.	2.8	21
64	High-Q microwave dielectric in the (1â€“x)MgTiO ₃ â€“xCa _{0.6} La _{0.8/3} TiO ₃ ceramic system with a near-zero temperature coefficient of the resonant frequency. <i>Materials Letters</i> , 2008, 62, 3205-3208.	1.3	20
65	Influence of B ₂ O ₃ additions to 0.8(Mg _{0.95} Zn _{0.05})TiO ₃ -0.2Ca _{0.61} Nd _{0.26} TiO ₃ ceramics on sintering behavior and microwave dielectric properties. <i>Journal of Alloys and Compounds</i> , 2008, 460, 675-679.	2.8	20
66	Microwave dielectric properties and sintering behaviors of (Mg _{0.95} Ni _{0.05})TiO ₃ â€“CaTiO ₃ ceramic system. <i>Journal of Alloys and Compounds</i> , 2009, 472, 451-455.	2.8	20
67	A Wideband Cross Monopole Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2009, 57, 2464-2468.	3.1	20
68	Microwave Dielectric Properties of (Mg _{0.95} Ni _{0.05})TiO ₃ â€“SrTiO ₃ Ceramics with a Nearâ€“Zero Temperature Coefficient of Resonant Frequency. <i>International Journal of Applied Ceramic Technology</i> , 2010, 7, 207-216.	1.1	20
69	The synthesis and photoluminescence enhancement of sensitizer-doped Li ₂ MgTi ₃ O ₈ :Mn ⁴⁺ red phosphor. <i>Journal of Alloys and Compounds</i> , 2019, 787, 440-447.	2.8	20
70	Shifting ϵ'' value of BiNbO ₄ ceramics by BiTaO ₄ addition. <i>Journal of Materials Science Letters</i> , 2000, 19, 375-376.	0.5	19
71	Structures and dielectric properties of a new dielectric material system xMgTiO ₃ â€“(1â€“x)MgTa ₂ O ₆ at microwave frequency. <i>Journal of Alloys and Compounds</i> , 2007, 431, 326-330.	2.8	19
72	Microwave dielectric properties and sintering behavior of nano-scaled (Î±+Î²)-Al ₂ O ₃ ceramics. <i>Materials Research Bulletin</i> , 2008, 43, 1463-1471.	2.7	19

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73	Dielectric properties of a new ceramic system $(1-x)\text{Mg}_4\text{Nb}_2\text{O}_9-x\text{CaTiO}_3$ at microwave frequency. <i>Materials Research Bulletin</i> , 2009, 44, 1111-1115.	2.7	19
74	Effect of CuO addition to $\text{Nd}(\text{Zn}_{1/2}\text{Ti}_{1/2})\text{O}_3$ ceramics on sintering behavior and microwave dielectric properties. <i>Materials Letters</i> , 2009, 63, 103-105.	1.3	19
75	Characterization and dielectric behavior of V_2O_5 -doped $0.9\text{Mg}_0.95\text{Co}_0.05\text{TiO}_3-x\text{Ca}_0.6\text{La}_0.8/3\text{TiO}_3$ ceramic system at microwave frequency. <i>Journal of Alloys and Compounds</i> , 2010, 489, 170-174.	2.8	19
76	Dielectric properties of magnesium oxide at microwave frequency. <i>Journal of Alloys and Compounds</i> , 2010, 504, 284-287.	2.8	19
77	Effect of CaTiO_3 addition on microwave dielectric properties of $\text{Mg}_2(\text{Ti}_{0.95}\text{Sn}_{0.05})\text{O}_4$ ceramics. <i>Journal of Alloys and Compounds</i> , 2011, 509, 4247-4251.	2.8	19
78	Dielectric properties of high-Q $(\text{Mg}_{1-x}\text{Zn}_x)\text{Ti}_2\text{O}_7$ ceramics at microwave frequency. <i>Journal of the European Ceramic Society</i> , 2012, 32, 2365-2371.	2.8	19
79	Microwave dielectric properties of novel $\text{Na}_2\text{Mg}_5-x\text{Zn}_x(\text{MoO}_4)_6$ ($x=0-0.09$) ceramics for ULTCC applications. <i>Materials Research Bulletin</i> , 2021, 141, 111355.	2.7	19
80	Dielectric properties and applications of low loss $(1-x)(\text{Mg}_{0.95}\text{Co}_{0.05})\text{TiO}_3-x\text{Ca}_{0.8}\text{Sm}_{0.4}/3\text{TiO}_3$ ceramic system at microwave frequency. <i>Journal of Alloys and Compounds</i> , 2009, 468, 516-521.	2.8	18
81	High Dielectric Constant and Low Loss Microwave Dielectric Ceramics Using $(\text{Zn}_{0.95}\text{M}_{0.05})_2\text{O}_6$ ($\text{M}=\text{Mn}, \text{Co}, \text{Ni}$)	2.8	18
82	Improvements in the sintering behavior and microwave dielectric properties of $\text{Mg}_4\text{Nb}_2\text{O}_9$ by adding Fe_2O_3 . <i>Journal of Alloys and Compounds</i> , 2010, 495, L5-L7.	2.8	18
83	Structural characteristics and microwave dielectric properties of low-firing $\text{Ba}(\text{Co}_{1-x}\text{Mg}_x)_2(\text{VO}_4)_2$ ceramics	2.8	18
84	Microwave dielectric properties and microstructures of CuO- and ZnO-doped LaAlO_3 ceramics. <i>Materials Research Bulletin</i> , 2002, 37, 449-457.	2.7	17
85	Properties of reactively radio frequency-magnetron sputtered $(\text{Zr},\text{Sn})\text{TiO}_4$ dielectric films. <i>Journal of Applied Physics</i> , 2004, 96, 1186-1191.	1.1	17
86	Microwave dielectric properties of a new ceramic system $(1-x)(\text{Mg}_{0.95}\text{Zn}_{0.05})\text{TiO}_3-x\text{CaTiO}_3$ at microwave frequencies. <i>Materials Letters</i> , 2008, 62, 3773-3775.	1.3	17
87	Microwave dielectric properties and mixture behavior of $(\text{Mg}_{0.95}\text{Co}_{0.05})\text{TiO}_3-x\text{Ca}_{0.6}\text{La}_{0.8}/3\text{TiO}_3$ ceramic system. <i>Journal of Alloys and Compounds</i> , 2008, 461, 521-526.	2.8	17
88	Microwave dielectric properties of $(1-x)(\text{Mg}_{0.95}\text{Zn}_{0.05})\text{TiO}_3-x(\text{Na}_{0.5}\text{La}_{0.5})\text{TiO}_3$ ceramic system. <i>Journal of Alloys and Compounds</i> , 2009, 472, 497-501.	2.8	17
89	Characterization and dielectric behavior of B_2O_3 -doped $0.9\text{Mg}_0.95\text{Co}_0.05\text{TiO}_3-x\text{Ca}_{0.6}\text{La}_{0.8}/3\text{TiO}_3$ ceramic system at microwave frequency. <i>Journal of Alloys and Compounds</i> , 2010, 504, 228-232.	2.8	17
90	Characterization and microwave dielectric properties of Mg_2YVO_6 ceramic. <i>Journal of Alloys and Compounds</i> , 2015, 641, 93-98.	2.8	17

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91	Microwave dielectric properties and microstructure of $Ba_{2-x}Sm_{4+2x/3}Ti_{8+y}O_{24+2y}$ ceramics. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2003, 345, 106-112.	2.6	16
92	Dielectric properties of $0.95Ba(Zn_{1/3}Nb_{2/3})O_3 \hat{=} 0.05BaZrO_3$ ceramics at microwave frequency. <i>Materials Letters</i> , 2003, 57, 3602-3605.	1.3	16
93	Microwave properties of B_2O_3 -doped $Nd(Mg_{1/2}Ti_{1/2})O_3 \hat{=} CaTiO_3$ dielectric resonators at microwave frequency. <i>Materials Letters</i> , 2006, 60, 198-202.	1.3	16
94	Low-loss microwave dielectrics using $SrTiO_3$ -modified $(Mg_{0.95}Co_{0.05})_2TiO_4$ ceramics. <i>Journal of Alloys and Compounds</i> , 2009, 485, 706-710.	2.8	16
95	High-Q microwave dielectrics in the $(Mg_{1-x}Zn_x)Al_2O_4$ ($x=0 \hat{=} 0.1$) system. <i>Journal of Alloys and Compounds</i> , 2011, 509, L150-L152.	2.8	16
96	Influence of Mg substitutions for Zn on the phase relation and microwave dielectric properties of $(Zn_{1-x}Mg_x)_3Nb_2O_8$ ($x=0.02 \hat{=} 1.0$) system. <i>Journal of Alloys and Compounds</i> , 2013, 581, 257-262.	2.8	16
97	Ultra-low temperature sintering and temperature stable microwave dielectrics of phase pure $AgMgVO_4$ ceramics. <i>Journal of the European Ceramic Society</i> , 2022, 42, 3892-3897.	2.8	16
98	A wideband planar inverted-F dielectric resonator antenna for RFID system applications. <i>Microwave and Optical Technology Letters</i> , 2006, 48, 1302-1305.	0.9	15
99	New dielectric material system of $x(Mg_{0.95}Zn_{0.05}Ti)O_3 \hat{=} (1-x)Ca_{0.8}Sm_{0.4/3}TiO_3$ at microwave frequency. <i>Materials Letters</i> , 2008, 62, 2454-2457.	1.3	15
100	Reduced Dielectric Loss of Modified $ZnNb_{2+6}O_{5+}$ Ceramics by Substituting Nb_{5+} with Ta_{5+} . <i>Journal of the American Ceramic Society</i> , 2009, 92, 1845-1848.	1.9	15
101	Textured Magnesium Titanate as Gate Oxide for GaN-Based Metal-Oxide-Semiconductor Capacitor. <i>Journal of the American Ceramic Society</i> , 2011, 94, 1005-1007.	1.9	15
102	Microwave Dielectric Characteristics of $(Mg_{0.95}M_{0.05})Ta_2O_6$ (M=Ni, Zn, Mn) Ceramic Series. <i>Materials Letters</i> , 2012, 76, 28-31.	1.3	15
103	Title is missing!. <i>Journal of Materials Science</i> , 2000, 35, 4901-4905.	1.7	14
104	New Dielectric Material System of $La(Mg_{1/2}Ti_{1/2})O_3 \hat{=} CaTiO_3$ at Microwave Frequencies. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 3147-3150.	0.8	14
105	The effect of $Ca_{0.61}Nd_{0.26}TiO_3$ addition on the microwave dielectric properties of $(Mg_{0.95}Ni_{0.05})TiO_3$ ceramics. <i>Journal of Alloys and Compounds</i> , 2009, 475, 391-395.	2.8	14
106	Microwave dielectric properties of $(Mg_{0.95}Co_{0.05})TiO_3 \hat{=} (Na_{0.5}Nd_{0.5})TiO_3$ ceramic system. <i>Journal of Alloys and Compounds</i> , 2009, 478, 842-846.	2.8	14
107	New dielectric material system of $Nd(Mg_{1/2}Ti_{1/2})O_3 \hat{=} CaTiO_3$ with V_2O_5 addition for microwave applications. <i>Journal of Alloys and Compounds</i> , 2010, 489, 719-721.	2.8	14
108	Ultra-low temperature sintering and temperature stable microwave dielectrics of $(Mg_{1-x}Zn_x)V_{2+6}O_{5+}$ ($x=0 \hat{=} 0.09$) Ceramics. <i>Journal of Asian Ceramic Societies</i> , 2021, 9, 106-112.	1.0	14

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109	Dielectric properties of a low-loss $(1-x)(\text{Mg}_{0.95}\text{Zn}_{0.05})_2\text{TiO}_4-x\text{SrTiO}_3$ ceramic system at microwave frequencies. <i>Journal of Alloys and Compounds</i> , 2009, 480, 794-797.	2.8	13
110	Low-loss Microwave Dielectrics in the $(\text{Mg}_{1-x}\text{Co}_x)_2\text{Ti}_{1.8}\text{O}_{4-x}$ Solid Solutions. <i>Journal of the American Ceramic Society</i> , 2011, 94, 2963-2967.	1.9	13
111	Strong Near-Infrared Photoluminescence Emission of (003) -Oriented MgTiO_3 Thin Films. <i>Journal of the American Ceramic Society</i> , 2013, 96, 2065-2068.	1.9	13
112	Low loss and temperature stable microwave dielectrics using $\text{Li}_2(\text{Mg}_{1-x}\text{A}_x)\text{Ti}_3\text{O}_8$ ($\text{A}=\text{Zn, Co}$) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	2.8	13
113	Crystal structure and dielectric properties of $x\text{Ca}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3-x(\text{Ca}_{0.61}\text{Nd}_{0.26})\text{TiO}_3$ at the microwave frequency. <i>Materials Research Bulletin</i> , 2015, 63, 1-5.	2.7	13
114	Microwave dielectric properties of low-loss $(\text{Zn}_{1-x}\text{Co}_x)_3\text{Nb}_2\text{O}_8$ ceramics for LTCC applications. <i>Journal of Alloys and Compounds</i> , 2015, 620, 18-23.	2.8	13
115	Microwave dielectric characteristics of $(\text{Mg}_{0.95}\text{Ni}_{0.05})\text{TiO}_3-x\text{Ca}_{0.8}\text{Sm}_{0.4/3}\text{TiO}_3$ ceramic system. <i>Journal of Alloys and Compounds</i> , 2009, 477, 720-725.	2.8	12
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