Cheng-liang Huang

List of Publications by Year
in descending order

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	Investigation of the correlation between structure and microwave dielectric properties of ZnV2O6 ceramic using P-V-L bond theory. Journal of the European Ceramic Society, 2024, 44, 5016-5021.	5.6	0
2	Enhancing microwave dielectric properties of Na5Tb(MoO4)4 ceramics by substituting Ag into the Na site. Journal of Materials Science: Materials in Electronics, 2024, 35, .	2.2	0
3	Improved resistive switching behavior of defective fluorite structured Sm2Ce2O7 thin film prepared by RF sputtering. Ceramics International, 2024, , .	4.9	0
4	The effects of Hf-doping and thermal treatment on the resistive switching properties of rf magnetron sputtered Sm2(1-x)HfxCe2O7 thin films. Materials Science in Semiconductor Processing, 2024, 181, 108593.	4.1	0
5	Critical factors for enhancing electrical performance in LaGdO3 capacitor. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2024, 308, 117597.	3.6	0
6	High-dielectric-constant microwave dielectric in the (16â€“xâ€“y)CaOâ€“xSrOâ€“yBaOâ€“Li2Oâ€“Sm2O3â€“Nd2O3â€“TiO2 ceramic system. Journal of Materials Science: Materials in Electronics, 2024, 35, .	2.2	0
7	Exploring resistive switching properties and mechanisms in sol-gel derived Gd2Ti2O7 thin films for RRAM applications. Materials Science in Semiconductor Processing, 2024, 182, 108719.	4.1	0
8	Low-loss and low-temperature sintering of SrNb2V2O11 with a large positive Ï„ value as an effective temperature compensator. Ceramics International, 2024, , .	4.9	0
9	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
10	Electrical characterization of sol-gel La2Ti2O7 films for resistive random access memory applications. Materials Science in Semiconductor Processing, 2023, 158, 107370.	4.1	2
11	Low-loss microwave dielectrics of Li2(1â€“x)MxWO4 (M= Mg, Zn; x= 0.01â€“0.09) for ULTCC applications. Materials Science in Semiconductor Processing, 2023, 158, 107355.	4.1	8
12	Microwave dielectric properties of MnTeMoO6 ceramic and lowering its dielectric loss by using Mg-substitution in the A-site. Journal of Alloys and Compounds, 2023, 947, 169636.	5.7	7
13	Effect of Mn:Mg ratio on sintering behavior and microwave dielectric properties of (Mn, Mg)V2O6 ceramics at ultra-low sintering temperature. Journal of the European Ceramic Society, 2023, 43, 4060-4065.	5.6	4
14	Synthesis and characterization of phase pure and Mg-modified AgZnVO4 microwave dielectrics for high-frequency ULTCC applications. Journal of Alloys and Compounds, 2023, 949, 169890.	5.7	9
15	Reliable RRAM devices utilizing sol-gel derived amorphous Ce2Ti2O7 thin films. Journal of Alloys and Compounds, 2023, 961, 170987.	5.7	1
16	Investigation of the dynamic interaction between dopants and oxygen vacancies in amorphous Nb2O5: Simulation and experimental study. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2023, 298, 116891.	3.6	3
17	Highly thermally stable single-phased white-light-emitting luminescence achieved by Dy3+ or Tb3+ Co-doped LiLa(MoO4)2:Sm3+ red-orange phosphors. Materials Today Communications, 2023, 37, 107334.	2.0	0
18	Effects of partial substitution at different sites on the microwave dielectric properties of K2Co2(MoO4)3 ceramic and its applications as a 5G/6G antenna array. Journal of Materials Science: Materials in Electronics, 2023, 34, .	2.2	0

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19	Effects of Ag+ substitution on the enhanced microwave dielectric properties of Na4Co(MoO4)3 ceramics. Ceramics International, 2023, , .	4.9	1
20	Resistive switching characteristics of sol-gel derived La2Zr2O7 thin film for RRAM applications. Journal of Alloys and Compounds, 2022, 899, 163294.	5.7	14
21	Resistive switching characteristics of sol-gel derived ZrCeOx thin films for nonvolatile memory applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 277, 115605.	3.6	3
22	Ultra-low temperature sintering and microwave dielectric properties of Mg-substituted SrCoV₂O₇ ceramics. Journal of Asian Ceramic Societies, 2022, 10, 188-195.	2.3	5
23	Characterization of nano-sized Î±-Al2O3 compacts prepared via modified Î¸-Al2O3@PEG technology. Ceramics International, 2022, 48, 15932-15938.	4.9	0
24	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
25	Resistive switching properties of amorphous Sm2Ti2O7 thin film prepared by RF sputtering for RRAM applications. Journal of Alloys and Compounds, 2022, 910, 164960.	5.7	6
26	Resistive switching properties of Mn-doped amorphous Nb2O5 thin films for resistive RAM application. Materials Science in Semiconductor Processing, 2022, 152, 107059.	4.1	8
27	A low-loss, low temperature sintering dielectric using Ba1-Sr Mg2(VO4)2 ceramics and its applications at microwave frequencies. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 268, 115114.	3.6	9
28	The photoluminescence of single-phase warm white-light-emitting luminescence using CaSnO₃: Ce³⁺/ Mn⁴⁺/ Dy³⁺ phosphors. Journal of Asian Ceramic Societies, 2021, 9, 1055-1066.	2.3	1
29	Effect of a minute substitution on the structure and microwave dielectric properties of novel LiCoVO₄ ceramics for ULTCC applications. Journal of Asian Ceramic Societies, 2021, 9, 1154-1164.	2.3	9
30	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
31	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
32	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
33	The effects of zinc substitution on the electrical properties of MgNb2O6 thin films. Journal of Asian Ceramic Societies, 2021, 9, 253-261.	2.3	0
34	Electrical properties and current conduction mechanisms of LaGdO3 thin film by RF sputtering for RRAM applications. Journal of Asian Ceramic Societies, 2020, 8, 948-956.	2.3	3
35	High-Q Li₂Mg₂(MoO₄)₃ dielectrics for LTCC applications at microwave frequencies. Journal of Asian Ceramic Societies, 2020, 8, 430-436.	2.3	12
36	Resistive Switching Property of Organicâ€"Inorganic Tri-Cation Lead Iodide Perovskite Memory Device. Nanomaterials, 2020, 10, 1155.	4.2	12

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37	Microwave dielectric properties of Li₂M₂(MoO₄)₃ (MÂ=ÂCo, Ni) for LTCC applications. International Journal of Ceramic Engineering & Science, 2020, 2, 130-139.	1.1	5
38	The synthesis and photoluminescence enhancement of sensitizer-doped Li2MgTi3O8:Mn4+ red phosphor. Journal of Alloys and Compounds, 2019, 787, 440-447.	5.7	25
39	<i>Ab Initio</i>-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
40	Solâ€gel derived TiNb₂O₇ dielectric thin films for transparent electronic applications. Journal of the American Ceramic Society, 2018, 101, 674-682.	3.8	12
41	Investigation of the microwave dielectric properties of Li2ZnTi5O12 ceramics. Journal of Alloys and Compounds, 2016, 678, 102-108.	5.7	12
42	Thin-Film Photoluminescent Properties and the Atomistic Model of Mg2TiO4 as a Non-rare Earth Matrix Material for Red-Emitting Phosphor. Journal of Electronic Materials, 2016, 45, 6214-6221.	2.2	2
43	Structural characteristics and microwave dielectric properties of low-firing Ba(Co 1â^'x Mg x) 2 (VO 4) Tj ETQq1 1 0.784314 rgBT /Overl	5.7	20
44	Sintering temperature dependences of (1 −) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 472 Td (<i>y</i>)(Mg_{0.95}Mn<sul microwave dielectric ceramics with a zero temperature coefficient of resonant frequency. Journal of the Ceramic Society of Japan, 2015, 123, 374-377.	1.3	2
45	Characterization and microwave dielectric properties of Mg2YVO6 ceramic. Journal of Alloys and Compounds, 2015, 641, 93-98.	5.7	18
46	Sintering behavior and microwave dielectric properties of ZnCuTiO4 ceramics. Journal of Alloys and Compounds, 2015, 638, 29-33.	5.7	6
47	The Effects of Annealing Atmosphere on the Electrical Properties of MgNb₂O₆/ITO Heterostructures. Journal of the American Ceramic Society, 2015, 98, 580-586.	3.8	2
48	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
49	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
50	Intense Red Photoluminescence Emission of Solâ€"Gelâ€Derived Nanocrystalline <scp><scp>Mg</scp></scp>₂<scp><scp>TiO</scp></scp>₄ Thin Films. Journal of the American Ceramic Society, 2014, 97, 358-360.	3.8	9
51	Resistive Switching Behaviors of Solâ€Gelâ€Derived MgNb₂O₆ Thin Films on ITO/glass Substrate. Journal of the American Ceramic Society, 2014, 97, 3544-3548.	3.8	3
52	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
53	Thermal Reaction of Cristobalite in Nanoâ€<scp><scp>SiO</scp></scp>₂/Î±â€<scp><scp>Al</scp></scp>₂<scp><scp>O</scp></scp><sub>3</ Powder Systems for Mullite Synthesis. Journal of the American Ceramic Society, 2014, 97, 2431-2438.	3.8	10
54	High-Q microwave dielectrics in the (Mg1â^'xZnx)4Ta2O9 ceramics. Journal of Alloys and Compounds, 2014, 590, 494-499.	5.7	8

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55	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
56	Dielectric properties and crystal structure of Mg₄Ta₂O₉ ceramics with Mg²⁺ substituted by Co²⁺. Journal of the Ceramic Society of Japan, 2014, 122, 556-560.	1.3	4
57	Ultra low loss microwave dielectric properties of Non-stoichiometry [(Mg_{0.7}Zn_{0.3})]_{0.95}Co_{0.05}]<sub>1 ceramics. Journal of the Ceramic Society of Japan, 2014, 122, 762-767.	1.3	[illegible]
58	New material properties and microstructure of xLa(Mg_{1/2}Ti_{1/2})O₃â€“(1-x)Ca_{0.6}Sm<s ceramics at microwave frequency. Journal of the Ceramic Society of Japan, 2014, 122, 951-954.	1.3	6
59	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
60	Miniaturization of ring resonator bandpass filters using dielectric ceramic substrates. Microwave and Optical Technology Letters, 2013, 55, 660-663.	1.5	3
61	Solâ€“Gelâ€Derived Amorphousâ€<scp><scp>MgNb</scp></scp>₂<scp><scp>O</scp></scp>₆ Thin Films for Transparent Microelectronics. Journal of the American Ceramic Society, 2013, 96, 3375-3378.	3.8	8
62	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
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.	5.7	21
64	Two-poles compact microstrip bandpass filter with sharp transition bands using high permittivity substrate. Microwave and Optical Technology Letters, 2012, 54, 1683-1686.	1.5	0
65	Microwave Dielectric Properties of (1Ââ^’Â<i>x</i>)(<scp>Mg_{0.95}Ni_{0.05}</scp>)<scp>TiO₃</scp>â€“<i>x</i>(<scp>Ca<sub>0.8</s Ceramic System With Nearâ€Zero Temperature Coefficient. International Journal of Applied Ceramic Technology, 2012, 9, 447-453.	2.1	6
66	Microwave Dielectric Characteristics of (Mg0.95M0.05)Ta2O6 (M=Ni, Zn, Mn) Ceramic Series. Materials Letters, 2012, 76, 28-31.	2.7	16
67	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
68	High-Q dielectrics using ZnO-modified Li2TiO3 ceramics for microwave applications. Journal of the European Ceramic Society, 2012, 32, 3287-3295.	5.6	61
69	Crystal structure and dielectric properties of La(Mg0.5Ti0.5)O3â€“Ca0.8Sm0.4/3TiO3 solid solution system at microwave frequencies. Journal of Alloys and Compounds, 2011, 509, 426-430.	5.7	5
70	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
71	High-dielectric-constant and low-loss microwave dielectric in the (1â^’x)La(Mg0.5Ti0.5)O3â€“x(Ca0.8Sr0.2)TiO3 solid solution system. Journal of Alloys and Compounds, 2011, 509, L99-L102.	5.7	7
72	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

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73	Phase evolution and microwave dielectric properties of TiO2-modified (Mg0.95Co0.05)2TiO4 ceramics. Journal of Alloys and Compounds, 2011, 509, 6273-6275.	5.7	5
74	Low-firable high-K dielectric in the Zrx(Zn1/3Nb2/3)1â^'xTiO4 ceramic system. Journal of Alloys and Compounds, 2011, 509, L293-L295.	5.7	10
75	Low-loss microwave dielectrics using rock salt oxide Li2MgTiO4. Journal of Alloys and Compounds, 2011, 509, L308-L310.	5.7	63
76	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
77	Structure, Dielectric Properties, and Applications of CaTiO3-Modified Ca4MgNb2TiO12 Ceramics at Microwave Frequency. Journal of the American Ceramic Society, 2011, 94, 1824-1828.	3.8	9
78	MgTiO₃ (003) Thin Film Deposited on Sapphire (0001) by Sputtering. Journal of the American Ceramic Society, 2011, 94, 363-366.	3.8	7
79	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
80	Lowâ€Loss Microwave Dielectrics in the (Mg_{1â^'<i>x</i>}Co_{<i>x</i>})_{1.8}Ti_{1.1}O₄(<i>x</i>=0.03â€“1.0) Solid Solutions. Journal of the American Ceramic Society, 2011, 94, 2963-2967.	3.8	10
81	High <scp>Q</scp> Microwave Dielectric Ceramics in the <scp><scp>Li₂</scp></scp>(<scp><scp>Zn</scp></scp>_{1â^'<i>x</i>}<scp>A</scp>_{<i>x</i>})<sc (<scp>A</scp>Â=Â<scp><scp>Mg</scp>, <scp>Co</scp></scp>; <i>xÂ</i>=<i>Â</i>0.02â€“0.1) System. Journal of the American Ceramic Society, 2011, 94, 4146-4149.	3.8	45
82	Temperature Compensating Microwave Dielectric Based on the (Mg_{0.95}Ni_{0.05})TiO₃â€“(La_{0.5}Na_{0.5})TiO₃ Ceramic System. International Journal of Applied Ceramic Technology, 2010, 7, E64.	2.1	6
83	A new dielectric material system using (1â^'x)(Mg0.95Co0.05)2TiO4â€“xCa0.8Sm0.4/3TiO3 at microwave frequencies. Materials Chemistry and Physics, 2010, 120, 217-220.	4.1	6
84	Microwave dielectric properties of Mg1.8Ti1.1O4 ceramics. Materials Letters, 2010, 64, 885-887.	2.7	5
85	A new low-loss microwave dielectric using (Ca0.8Sr0.2)TiO3-doped MgTiO3 ceramics. Materials Letters, 2010, 64, 2585-2588.	2.7	35
86	Microstrip ring resonator bandpass filters using ceramic substrate. Microwave and Optical Technology Letters, 2010, 52, 218-220.	1.5	0
87	Band-pass filters using high-permittivity ceramics substrate. Microwave and Optical Technology Letters, 2010, 52, 2344-2347.	1.5	1
88	High-dielectric-constant and low-loss microwave dielectric in the Ca(Mg1/3Ta2/3)O3â€“(Ca0.8Sr0.2)TiO3 solid solution system. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 167, 142-146.	3.6	8
89	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
90	Microwave Dielectric Properties of (Mg_{1â^'<i>x</i>}Ni<i>_x</i>)₂TiO₄(<i>x</i>=0.02â€“0.1) Ceramics. International Journal of Applied Ceramic Technology, 2010, 7, E163.	2.1	31

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91	Synthesis, Crystal Structure, and Microwave Dielectric Properties of (Mg_{1â^'<i>x</i>}Co<i>_x</i>)Ta₂O₆Solid Solutions. Journal of the American Ceramic Society, 2010, 93, 470-473.	3.8	30
92	Phase Relation and Microwave Dielectric Properties of (Zn_{1â^'<i>x</i>}Co<i>_x</i>)Ta₂O₆System. Journal of the American Ceramic Society, 2010, 93, 1248-1251.	3.8	43
93	Lowâ€Loss Microwave Dielectrics in the Spinelâ€Structured (Mg_{1â^'<i>x</i>}Ni<i>_x</i>)Al₂O₄ Solid Solutions. Journal of the American Ceramic Society, 2010, 93, 1999-2003.	3.8	51
94	Lowâ€Temperature Sintering Microwave Dielectrics Using CuOâ€Doped Zn(Nb_{0.95}Ta_{0.05})₂O₆ Ceramics. Journal of the American Ceramic Society, 2010, 93, 2755-2759.	3.8	8
95	High Dielectric Constant and Lowâ€Loss Microwave Dielectric Ceramics Using (Zn_{0.95}M²⁺_{0.05})Ta₂O₆(M²⁺=Mn,)Tj ETQq1 1 0.784	3.8	13
96	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
97	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
98	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
99	Low-loss microwave dielectrics in the Mg2(Ti0.95Sn0.05)O4â€"(Ca0.8Sr0.2)TiO3 ceramic system. Journal of Alloys and Compounds, 2010, 502, 324-328.	5.7	4
100	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
101	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
102	A novel low-loss microwave dielectric using (Ca0.8Sr0.2)TiO3-modified (Mg0.95Co0.05)2TiO4 ceramics. Journal of Alloys and Compounds, 2010, 496, L10-L13.	5.7	8
103	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
104	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
105	Dielectric properties of magnesium oxide at microwave frequency. Journal of Alloys and Compounds, 2010, 504, 284-287.	5.7	20
106	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
107	Sintering Behavior and Dielectric Properties of ZnNb2O6â€"TiO2Ceramic System at Microwave Frequency. Japanese Journal of Applied Physics, 2009, 48, 100203.	1.6	3
108	Dielectric properties of a new ceramic system (1â^'x)Mg4Nb2O9â€"xCaTiO3 at microwave frequency. Materials Research Bulletin, 2009, 44, 1111-1115.	5.3	20

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109	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
110	Quasiâ€elliptic function filters with a dualâ€passband response with highâ€permittivity ceramics substrate. Microwave and Optical Technology Letters, 2009, 51, 245-248.	1.5	2
111	Endâ€coupled microstrip slowâ€wave resonator filtlers using highâ€permittivity ceramic substrate. Microwave and Optical Technology Letters, 2009, 51, 1613-1615.	1.5	0
112	Microwave dielectric properties of (1â^’x)(Mg0.95Co0.05)TiO3â€“x(Na0.5La0.5)TiO3 ceramic system. Current Applied Physics, 2009, 9, 1355-1359.	2.5	7
113	Highâ€Q Microwave Dielectrics in the (Mg_{1â^’<i>x</i>}Co_{<i>x</i>})₂TiO₄ Ceramics. Journal of the American Ceramic Society, 2009, 92, 379-383.	3.8	74
114	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
115	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
116	Lowâ€Loss Microwave Dielectric Ceramics Using (Mg_{1â^’}_{<i>x</i>}Mn_{<i>x</i>})₂TiO₄ (<i>x</i>=0.02â€“0.1) Solid Solution. Journal of the American Ceramic Society, 2009, 92, 675-678.	3.8	59
117	Lowâ€Loss Microwave Dielectrics Using Mg₂(Ti_{1â^’<i>x</i>}Sn<i>_x</i>)O₄ (<i>x</i>=0.01â€“0.09) Solid Solution. Journal of the American Ceramic Society, 2009, 92, 2237-2241.	3.8	33
118	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
119	A Novel Temperatureâ€Compensated Microwave Dielectric (1â^’<i>x</i>)(Mg_{0.95}Ni_{0.05})TiO₃â^’<i>x</i>Ca_{0.6}La_{0.8/3}TiO<sub>3 Ceramics System. International Journal of Applied Ceramic Technology, 2009, 6, 562-570.	2.1	6
120	The effect of RF power and deposition temperature on the structure and electrical properties of Mg4Ta2O9 thin films prepared by RF magnetron sputtering. Journal of Crystal Growth, 2009, 311, 627-633.	1.6	6
121	Dielectric properties of Mg0.95Ni0.05TiO3 ceramic modified by Nd0.5Na0.5TiO3 at microwave frequencies. Current Applied Physics, 2009, 9, 1042-1045.	2.5	9
122	Dielectric Properties of a New Ceramic System (Mg0.95Zn0.05)2TiO4â€“CaTiO3at Microwave Frequencies. Japanese Journal of Applied Physics, 2009, 48, 071402.	1.6	4
123	High dielectric constant low loss in the (La1/2Na1/2)TiO3â€“Ca(Mg1/3Nb2/3)O3 ceramic system at microwave frequency. Journal of Alloys and Compounds, 2009, 468, L13-L16.	5.7	8
124	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
125	Influence of ZnO additions to 0.96Mg0.95Co0.05TiO3â€“0.04SrTiO3 ceramics on sintering behavior and microwave dielectric properties. Journal of Alloys and Compounds, 2009, 469, 357-361.	5.7	8
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