Cheng-Liang Huang

List of Publications by Year in Descending Order

216 papers	3,644 citations	34 h-index	47 g-index
225 ext. papers	3,983 ext. citations	3.7 avg, IF	5.59 L-index

#	Paper	IF	Citations
216	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	3.1	1
215	Resistive switching characteristics of sol-gel derived La2Zr2O7 thin film for RRAM applications. *Journal of Alloys and Compounds*, **2022**, 899, 163294	5.7	2
214	Ultra-low temperature sintering and microwave dielectric properties of Mg-substituted SrCoV2O7 ceramics. *Journal of Asian Ceramic Societies*, **2022**, 10, 188-195	2.4	0
213	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	0
212	The effects of zinc substitution on the electrical properties of MgNb2O6 thin films. *Journal of Asian Ceramic Societies*, **2021**, 9, 253-261	2.4	
211	Ultra-low temperature sintering and temperature stable microwave dielectrics of (Mg1-xZnx)V2O6 (x= 0□.09) Ceramics. *Journal of Asian Ceramic Societies*, **2021**, 9, 106-112	2.4	2
210	A low-loss, low temperature sintering dielectric using Ba1-xSrxMg2(VO4)2 ceramics and its applications at microwave frequencies. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2021**, 268, 115114	3.1	3
209	Microwave dielectric properties of novel Na2Mg5-xZnx(MoO4)6 (x = 0□.09) ceramics for ULTCC applications. *Materials Research Bulletin*, **2021**, 141, 111355	5.1	3
208	Influence of intrinsic and extrinsic factors on microwave dielectric properties of (Sr1-xMgx)V2O6 (x□=□0.01□.09) ceramics for ULTCC applications. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2021**, 273, 115438	3.1	0
207	High-Q Li2Mg2(MoO4)3 dielectrics for LTCC applications at microwave frequencies. *Journal of Asian Ceramic Societies*, **2020**, 8, 430-436	2.4	4
206	Resistive Switching Property of Organic-Inorganic Tri-Cation Lead Iodide Perovskite Memory Device. *Nanomaterials*, **2020**, 10,	5.4	3
205	Microwave dielectric properties of Li2M2(MoO4)3 (M□=□Co, Ni) for LTCC applications. *International Journal of Ceramic Engineering & Science*, **2020**, 2, 130-139	2	1
204	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	2.4	1
203	The synthesis and photoluminescence enhancement of sensitizer-doped Li2MgTi3O8:Mn4+ red phosphor. *Journal of Alloys and Compounds*, **2019**, 787, 440-447	5.7	10
202	Ab Initio-Aided Sensitizer Design for Mn4+-Activated Mg2TiO4 as an Ultrabright Fluoride-Free Red-Emitting Phosphor. *Chemistry of Materials*, **2018**, 30, 1769-1775	9.6	20
201	Sol-gel derived TiNb2O7 dielectric thin films for transparent electronic applications. *Journal of the American Ceramic Society*, **2018**, 101, 674-682	3.8	12
200	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	1.9	1

199	Structural characteristics and microwave dielectric properties of low-firing Ba(Co 1− Mg x) 2 (VO 4) 2 (x =0.01) ceramics. *Journal of Alloys and Compounds*, **2016**, 686, 608-615	5.7	18
198	Investigation of the microwave dielectric properties of Li2ZnTi5O12 ceramics. *Journal of Alloys and Compounds*, **2016**, 678, 102-108	5.7	9
197	Characterization and microwave dielectric properties of Mg2YVO6 ceramic. *Journal of Alloys and Compounds*, **2015**, 641, 93-98	5.7	15
196	Sintering behavior and microwave dielectric properties of ZnCuTiO4 ceramics. *Journal of Alloys and Compounds*, **2015**, 638, 29-33	5.7	5
195	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	1
194	Crystal structure and dielectric properties of xCa(Mg1/3Nb2/3)O3-(1 −x)(Ca0.61Nd0.26)TiO3 at the microwave frequency. *Materials Research Bulletin*, **2015**, 63, 1-5	5.1	13
193	Microwave dielectric properties of low-loss (Zn1−xCox)3Nb2O8 ceramics for LTCC applications. *Journal of Alloys and Compounds*, **2015**, 620, 18-23	5.7	11
192	Sintering temperature dependences of (1 − y)(Mg0.95Mn0.05)2(Ti0.95Sn0.05)O4–y(Ca0.6La0.8/3)TiO3 microwave dielectric ceramics with a zero temperature coefficient of resonant frequency. *Journal of the Ceramic Society of Japan*, **2015**, 123, 374-377	1	
191	Thermal Reaction of Cristobalite in Nano-SiO2/α-Al2O3 Powder Systems for Mullite Synthesis. *Journal of the American Ceramic Society*, **2014**, 97, 2431-2438	3.8	8
190	High-Q microwave dielectrics in the (Mg1−xZnx)4Ta2O9 ceramics. *Journal of Alloys and Compounds*, **2014**, 590, 494-499	5.7	8
189	High-Q microwave dielectrics in low-temperature sintered (Zn1−xNix)3Nb2O8 ceramics. *Journal of the European Ceramic Society*, **2014**, 34, 277-284	6	51
188	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
187	Ultra low loss microwave dielectric properties of Non-stoichiometry [(Mg0.7Zn0.3)]0.95Co0.05]1+(Ti1−xSnx)O3+δ ceramics. *Journal of the Ceramic Society of Japan*, **2014**, 122, 762-767	1	1
186	New material properties and microstructure of xLa(Mg1/2Ti1/2)O3-(1-x)Ca0.6Sm0.8/3TiO3 ceramics at microwave frequency. *Journal of the Ceramic Society of Japan*, **2014**, 122, 951-954	1	3
185	Microwave Dielectric Properties of Sintered Alumina Using Nano-Scaled Powders of α-Alumina and TiO2 **2014**, 149-155		
184	Intense Red Photoluminescence Emission of Sol–Gel-Derived Nanocrystalline Mg2TiO4 Thin Films. *Journal of the American Ceramic Society*, **2014**, 97, 358-360	3.8	8
183	Resistive Switching Behaviors of Sol-Gel-Derived MgNb2O6 Thin Films on ITO/glass Substrate. *Journal of the American Ceramic Society*, **2014**, 97, 3544-3548	3.8	3
182	Low loss and temperature stable microwave dielectrics using Li2(Mg1−xAx)Ti3O8 (A2+=Zn, Co; x=0.02–0.1) ceramics. *Journal of Alloys and Compounds*, **2014**, 607, 67-72	5.7	9

181	Influence of Mg substitutions for Zn on the phase relation and microwave dielectric properties of (Zn1−xMgx)3Nb2O8 (x = 0.02–1.0) system. *Journal of Alloys and Compounds*, **2013**, 581, 257-262	5.7	14
180	Miniaturization of ring resonator bandpass filters using dielectric ceramic substrates. *Microwave and Optical Technology Letters*, **2013**, 55, 660-663	1.2	1
179	Sol–Gel-Derived Amorphous-MgNb2O6 Thin Films for Transparent Microelectronics. *Journal of the American Ceramic Society*, **2013**, 96, 3375-3378	3.8	7
178	Strong Near-Infrared Photoluminescence Emission of (003)-Oriented MgTiO3 Thin Films. *Journal of the American Ceramic Society*, **2013**, 96, 2065-2068	3.8	10
177	Microwave Dielectric Properties of (1−k)(Mg0.95Ni0.05)TiO3–k(Ca0.8Sr0.2)TiO3 Ceramic System With Near-Zero Temperature Coefficient. *International Journal of Applied Ceramic Technology*, **2012**, 9, 447-453	2	6
176	Microwave Dielectric Characteristics of (Mg0.95M0.05)Ta2O6 (M=Ni, Zn, Mn) Ceramic Series. *Materials Letters*, **2012**, 76, 28-31	3.3	15
175	Dielectric properties of high-Q (Mg1−xZnx)1.8Ti1.1O4 ceramics at microwave frequency. *Journal of the European Ceramic Society*, **2012**, 32, 2365-2371	6	19
174	High-Q dielectrics using ZnO-modified Li2TiO3 ceramics for microwave applications. *Journal of the European Ceramic Society*, **2012**, 32, 3287-3295	6	53
173	Low-loss microwave dielectric ceramics in the (Co1−xZnx)TiO3 (x = 0–0.1) system. *Journal of Alloys and Compounds*, **2012**, 515, 8-11	5.7	18
172	Two-poles compact microstrip bandpass filter with sharp transition bands using high permittivity substrate. *Microwave and Optical Technology Letters*, **2012**, 54, 1683-1686	1.2	
171	Effect of CaTiO3 addition on microwave dielectric properties of Mg2(Ti0.95Sn0.05)O4 ceramics. *Journal of Alloys and Compounds*, **2011**, 509, 4247-4251	5.7	17
170	Crystal structure and dielectric properties of La(Mg0.5Ti0.5)O3–Ca0.8Sm0.4/3TiO3 solid solution system at microwave frequencies. *Journal of Alloys and Compounds*, **2011**, 509, 426-430	5.7	3
169	Low-loss microwave dielectrics using (Mg1−xZnx)4Nb2O9 (x=0.02–0.08) solid solutions. *Journal of Alloys and Compounds*, **2011**, 509, 2269-2272	5.7	11
168	High-dielectric-constant and low-loss microwave dielectric in the (1−x)La(Mg0.5Ti0.5)O3–x(Ca0.8Sr0.2)TiO3 solid solution system. *Journal of Alloys and Compounds*, **2011**, 509, L99-L102	5.7	7
167	High-Q microwave dielectrics in the (Mg1−xZnx)Al2O4 (x = 0–0.1) system. *Journal of Alloys and Compounds*, **2011**, 509, L150-L152	5.7	12
166	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	2
165	Low-firable high-K dielectric in the Zrx(Zn1/3Nb2/3)1−xTiO4 ceramic system. *Journal of Alloys and Compounds*, **2011**, 509, L293-L295	5.7	9
164	Low-loss microwave dielectrics using rock salt oxide Li2MgTiO4. *Journal of Alloys and Compounds*, **2011**, 509, L308-L310	5.7	51

163	The effect of non-stoichiometry on the microstructure and microwave dielectric properties of the Mg1+□TiO3+□ceramics. *Journal of Alloys and Compounds*, **2011**, 509, 9702-9707	5.7	12
162	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
161	MgTiO3 (003) Thin Film Deposited on Sapphire (0001) by Sputtering. *Journal of the American Ceramic Society*, **2011**, 94, 363-366	3.8	6
160	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	13
159	Low-Loss Microwave Dielectrics in the (Mg1□Cox)1.8Ti1.1O4 (x=0.03□1.00) Solid Solutions. *Journal of the American Ceramic Society*, **2011**, 94, 2963-2967	3.8	11
158	High Q Microwave Dielectric Ceramics in the Li2(Zn1□Ax)Ti3O8 (A□=□Mg, Co; x□=□0.02□0.1) System. *Journal of the American Ceramic Society*, **2011**, 94, 4146-4149	3.8	42
157	Microwave Dielectric Properties of (Mg0.95Ni0.05)TiO3□SrTiO3 Ceramics with a Near-Zero Temperature Coefficient of Resonant Frequency. *International Journal of Applied Ceramic Technology*, **2010**, 7, 207-216	2	15
156	Microwave Dielectric Properties of (Mg1□Nix)2TiO4 (x=0.02□0.1) Ceramics. *International Journal of Applied Ceramic Technology*, **2010**, 7, E163-E169	2	24
155	Synthesis, Crystal Structure, and Microwave Dielectric Properties of (Mg1□Cox)Ta2O6 Solid Solutions. *Journal of the American Ceramic Society*, **2010**, 93, 470-473	3.8	23
154	Phase Relation and Microwave Dielectric Properties of (Zn1□Cox)Ta2O6 System. *Journal of the American Ceramic Society*, **2010**, 93, 1248	3.8	34
153	Low-Loss Microwave Dielectrics in the Spinel-Structured (Mg1□Nix)Al2O4 Solid Solutions. *Journal of the American Ceramic Society*, **2010**, 93, 1999	3.8	35
152	Low-Temperature Sintering Microwave Dielectrics Using CuO-Doped Zn(Nb0.95Ta0.05)2O6 Ceramics. *Journal of the American Ceramic Society*, **2010**, 93, 2755-2759	3.8	6
151	High Dielectric Constant and Low-Loss Microwave Dielectric Ceramics Using (Zn0.95M2+0.05)Ta2O6 (M2+=Mn, Mg, and Ni) Solid Solutions. *Journal of the American Ceramic Society*, **2010**, 93, 3299-3304	3.8	15
150	Characterization and dielectric behavior of V2O5-doped 0.9Mg0.95Co0.05TiO3□0.1Ca0.6La0.8/3TiO3 ceramic system at microwave frequency. *Journal of Alloys and Compounds*, **2010**, 489, 170-174	5.7	17
149	New dielectric material system of Nd(Mg1/2Ti1/2)O3□CaTiO3 with V2O5 addition for microwave applications. *Journal of Alloys and Compounds*, **2010**, 489, 719-721	5.7	12
148	Improved high Q value of (1 □x)Ca(Mg1/3Ta2/3)O3□Ca0.8Sm0.4/3TiO3 solid solution with zero temperature coefficient of resonant frequency. *Journal of Alloys and Compounds*, **2010**, 494, 205-209	5.7	22
147	Low-loss microwave dielectrics in the Mg2(Ti0.95Sn0.05)O4□(Ca0.8Sr0.2)TiO3 ceramic system. *Journal of Alloys and Compounds*, **2010**, 502, 324-328	5.7	3
146	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	18

145	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	16
144	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	7
143	Microwave dielectric properties of x(Mg0.7Zn0.3)0.95Co0.05TiO3–(1–x)Ca0.8Sr0.2TiO3 ceramics with a zero temperature coefficient of resonant frequency. *Journal of Alloys and Compounds*, **2010**, 503, 392-396	5.7	7
142	Characterization and dielectric behavior of B2O3-doped 0.9Mg0.95Co0.05TiO3–0.1Ca0.6La0.8/3TiO3 ceramic system at microwave frequency. *Journal of Alloys and Compounds*, **2010**, 504, 228-232	5.7	15
141	Dielectric properties of magnesium oxide at microwave frequency. *Journal of Alloys and Compounds* , **2010**, 504, 284-287	5.7	14
140	Dielectric properties of B2O3-doped 0.92(Mg0.95Co0.05)2TiO4–0.08(Ca0.8Sr0.2)TiO3 ceramics for microwave applications. *Journal of Alloys and Compounds*, **2010**, 505, 291-296	5.7	9
139	A new dielectric material system using (1–x)(Mg0.95Co0.05)2TiO4–xCa0.8Sm0.4/3TiO3 at microwave frequencies. *Materials Chemistry and Physics*, **2010**, 120, 217-220	4.4	5
138	Microwave dielectric properties of Mg1.8Ti1.1O4 ceramics. *Materials Letters*, **2010**, 64, 885-887	3.3	5
137	A new low-loss microwave dielectric using (Ca0.8Sr0.2)TiO3-doped MgTiO3 ceramics. *Materials Letters*, **2010**, 64, 2585-2588	3.3	30
136	Microstrip ring resonator bandpass filters using ceramic substrate. *Microwave and Optical Technology Letters*, **2010**, 52, 218-220	1.2	
135	Band-pass filters using high-permittivity ceramics substrate. *Microwave and Optical Technology Letters*, **2010**, 52, 2344-2347	1.2	0
134	High-dielectric-constant and low-loss microwave dielectric in the Ca(Mg1/3Ta2/3)O3–(Ca0.8Sr0.2)TiO3 solid solution system. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2010**, 167, 142-146	3.1	8
133	Sintering Behavior and Dielectric Properties of ZnNb2O6–TiO2Ceramic System at Microwave Frequency. *Japanese Journal of Applied Physics*, **2009**, 48, 100203	1.4	3
132	Dielectric properties of a new ceramic system (1–x)Mg4Nb2O9–xCaTiO3 at microwave frequency. *Materials Research Bulletin*, **2009**, 44, 1111-1115	5.1	18
131	Effect of CuO addition to Nd(Zn1/2Ti1/2)O3 ceramics on sintering behavior and microwave dielectric properties. *Materials Letters*, **2009**, 63, 103-105	3.3	18
130	Quasi-elliptic function filters with a dual-passband response with high-permittivity ceramics substrate. *Microwave and Optical Technology Letters*, **2009**, 51, 245-248	1.2	2
129	End-coupled microstrip slow-wave resonator filtlers using high-permittivity ceramic substrate. *Microwave and Optical Technology Letters*, **2009**, 51, 1613-1615	1.2	
128	Microwave dielectric properties of (1–x)(Mg0.95Co0.05)TiO3–x(Na0.5La0.5)TiO3 ceramic system. *Current Applied Physics*, **2009**, 9, 1355-1359	2.6	7

127	High-Q Microwave Dielectrics in the (Mg1−xCox)2TiO4 Ceramics. *Journal of the American Ceramic Society*, **2009**, 92, 379-383	3.8	65
126	Low Dielectric Loss Ceramics in the ZnAl2O4–TiO2 System as a f Compensator. *Journal of the American Ceramic Society*, **2009**, 92, 119-124	3.8	44
125	Phase Evolution and Dielectric Properties of (Mg0.95M0.052+)Ti2O5 (M2+=Co, Ni, and Zn) Ceramics at Microwave Frequencies. *Journal of the American Ceramic Society*, **2009**, 92, 384-388	3.8	34
124	Low-Loss Microwave Dielectric Ceramics Using (Mg1−xMnx)2TiO4 (x=0.02–0.1) Solid Solution. *Journal of the American Ceramic Society*, **2009**, 92, 675-678	3.8	51
123	Low-Loss Microwave Dielectrics Using Mg2(Ti1−xSnx)O4 (x=0.01–0.09) Solid Solution. *Journal of the American Ceramic Society*, **2009**, 92, 2237-2241	3.8	30
122	Reduced Dielectric Loss of Modified ZnNb2O6 Ceramics by Substituting Nb5+ with Ta5+. *Journal of the American Ceramic Society*, **2009**, 92, 1845-1848	3.8	12
121	A Novel Temperature-Compensated Microwave Dielectric (1−x)(Mg0.95Ni0.05)TiO3–xCa0.6La0.8/3TiO3 Ceramics System. *International Journal of Applied Ceramic Technology*, **2009**, 6, 562-570	2	6
120	Temperature Compensating Microwave Dielectric Based on the (Mg0.95Ni0.05)TiO3–(La0.5Na0.5)TiO3 Ceramic System. *International Journal of Applied Ceramic Technology*, **2009**, 7, E64-E70	2	5
119	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	5
118	Dielectric properties of Mg0.95Ni0.05TiO3 ceramic modified by Nd0.5Na0.5TiO3 at microwave frequencies. *Current Applied Physics*, **2009**, 9, 1042-1045	2.6	9
117	Dielectric Properties of a New Ceramic System (Mg0.95Zn0.05)2TiO4–CaTiO3at Microwave Frequencies. *Japanese Journal of Applied Physics*, **2009**, 48, 071402	1.4	2
116	High dielectric constant low loss in the (La1/2Na1/2)TiO3–Ca(Mg1/3Nb2/3)O3 ceramic system at microwave frequency. *Journal of Alloys and Compounds*, **2009**, 468, L13-L16	5.7	7
115	Dielectric properties and applications of low loss (1−x)(Mg0.95Co0.05)TiO3–xCa0.8Sm0.4/3TiO3 ceramic system at microwave frequency. *Journal of Alloys and Compounds*, **2009**, 468, 516-521	5.7	16
114	Influence of ZnO additions to 0.96Mg0.95Co0.05TiO3–0.04SrTiO3 ceramics on sintering behavior and microwave dielectric properties. *Journal of Alloys and Compounds*, **2009**, 469, 357-361	5.7	7
113	Dielectric characteristics of the (1−x)Mg2TiO4–xSrTiO3 ceramic system at microwave frequencies. *Journal of Alloys and Compounds*, **2009**, 471, L9-L12	5.7	51
112	Microwave dielectric properties and sintering behaviors of (Mg0.95Ni0.05)TiO3–CaTiO3 ceramic system. *Journal of Alloys and Compounds*, **2009**, 472, 451-455	5.7	18
111	Microwave dielectric properties of (1−x)(Mg0.95Zn0.05)TiO3–x(Na0.5La0.5)TiO3 ceramic system. *Journal of Alloys and Compounds*, **2009**, 472, 497-501	5.7	15
110	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	13

109	Microwave dielectric characteristics of (Mg0.95Ni0.05)TiO3–Ca0.8Sm0.4/3TiO3 ceramic system. *Journal of Alloys and Compounds*, **2009**, 477, 720-725	5.7	11
108	New dielectric material system of Mg0.95Co0.05TiO3–Zn0.975Ca0.025TiO3 at microwave frequencies. *Journal of Alloys and Compounds*, **2009**, 477, 712-715	5.7	9
107	Dielectric properties and mixture behavior of Mg4Nb2O9–SrTiO3 ceramic system at microwave frequency. *Journal of Alloys and Compounds*, **2009**, 478, 554-558	5.7	18
106	Microwave dielectric properties of (Mg0.95Co0.05)TiO3–(Na0.5Nd0.5)TiO3 ceramic system. *Journal of Alloys and Compounds*, **2009**, 478, 842-846	5.7	11
105	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	10
104	Dielectric properties of a low-loss (1−x)(Mg0.95Zn0.05)2TiO4–xSrTiO3 ceramic system at microwave frequencies. *Journal of Alloys and Compounds*, **2009**, 480, 794-797	5.7	11
103	Characterization and dielectric behavior of a new dielectric ceramics Ca(Mg1/3Nb2/3)O3–(Ca0.8Sr0.2)TiO3 at microwave frequencies. *Journal of Alloys and Compounds*, **2009**, 484, 494-497	5.7	20
102	Low-loss microwave dielectrics using SrTiO3-modified (Mg0.95Co0.05)2TiO4 ceramics. *Journal of Alloys and Compounds*, **2009**, 485, 706-710	5.7	13
101	Dielectric characteristics and sintering behavior of Mg2TiO4–(Ca0.8Sr0.2)TiO3 ceramic system at microwave frequency. *Journal of Alloys and Compounds*, **2009**, 487, 420-424	5.7	20
100	A Wideband Cross Monopole Antenna. *IEEE Transactions on Antennas and Propagation*, **2009**, 57, 2464-2468	4.9	15
99	Microwave dielectric properties and sintering behavior of nano-scaled (α+θ)-Al2O3 ceramics. *Materials Research Bulletin*, **2008**, 43, 1463-1471	5.1	16
98	New dielectric material system of x(Mg0.95Zn0.05Ti)O3–(1−x)Ca0.8Sm0.4/3TiO3 at microwave frequency. *Materials Letters*, **2008**, 62, 2454-2457	3.3	13
97	Dielectric properties of (1−x)(Mg0.95Zn0.05)TiO3–x(Na0.5Nd0.5)TiO3 ceramic system at microwave frequencies. *Materials Letters*, **2008**, 62, 2516-2519	3.3	6
96	High-Q microwave dielectric in the (1−x)MgTiO3–xCa0.6La0.8/3TiO3 ceramic system with a near-zero temperature coefficient of the resonant frequency. *Materials Letters*, **2008**, 62, 3205-3208	3.3	17
95	Microwave dielectric properties of a new ceramic system (1−x)(Mg0.95Zn0.05)TiO3–xCaTiO3 at microwave frequencies. *Materials Letters*, **2008**, 62, 3773-3775	3.3	15
94	Effect of ZnO additive on sintering behavior and microwave dielectric properties of 0.95MgTiO3–0.05CaTiO3 ceramics. *Journal of Alloys and Compounds*, **2008**, 450, 359-363	5.7	58
93	New dielectric material system of (Mg0.95Zn0.05)TiO3–Ca0.61Nd0.26TiO3 at microwave frequency. *Journal of Alloys and Compounds*, **2008**, 453, 337-340	5.7	30
92	Influence of V2O5 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**, 454, 454-459	5.7	21

91	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	15
90	Effect of B2O3 additives on sintering and microwave dielectric behaviors of 0.66Ca(Mg1/3Nb2/3)O3□0.34CaTiO3 ceramics. *Journal of Alloys and Compounds*, **2008**, 461, 440-446	5.7	35
89	Microwave dielectric properties and mixture behavior of (Mg0.95Co0.05)TiO3□a0.6La0.8/3TiO3 ceramic system. *Journal of Alloys and Compounds*, **2008**, 461, 521-526	5.7	16
88	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	10
87	Miniaturized hairpin resonator filters using dielectric ceramic substrates. *Microwave and Optical Technology Letters*, **2008**, 50, 620-624	1.2	2
86	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	1.2	10
85	Compact cross-coupled hairpin filter design using ceramic substrates. *Microwave and Optical Technology Letters*, **2008**, 50, 1795-1800	1.2	1
84	High-Dielectric-Constant and Low-Loss Microwave Dielectric in the (1□)Nd(Zn1/2Ti1/2)O3□SrTiO3 System with a Zero Temperature Coefficient of Resonant Frequency. *Journal of the American Ceramic Society*, **2008**, 91, 2201-2204	3.8	27
83	Low-Loss Microwave Dielectrics in the (Mg1□Znx)2TiO4 Ceramics. *Journal of the American Ceramic Society*, **2008**, 91, 3428-3430	3.8	67
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