Hitoshi Ohsato

List of Publications by Year
in descending order

176	7,295	87888 38	58581 82
papers	citations	h-index	g-index

185	185	185	2853
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Volume crystallization and microwave dielectric properties of indialite/cordierite glass by TiO2 addition. Ceramics International, 2021, 47, 2735-2742.	4.8	21
2	Micro/Millimeter-Wave Dielectric Indialite/Cordierite Glass-Ceramics Applied as LTCC and Direct Casting Substrates: Current Status and Prospects. Journal of the Korean Ceramic Society, 2019, 56, 526-533.	2.3	33
3	Practicing applied mineralogy on the electroceramicsâ€"Examples: microwave and millimeter-wave dielectrics. Ganseki Kobutsu Kagaku, 2018, 47, 43-50.	0.1	1
4	Crystal structure and microwave dielectric properties of Î±-(Ca1-Sr) SiO3 (x= 1 and 0.8) ring silicates for millimeter-wave applications. Materials Research Bulletin, 2017, 96, 115-120.	5.2	6
5	Novel low-temperature sintering ceramic substrate based on indialite/cordierite glass ceramics. Japanese Journal of Applied Physics, 2017, 56, 10PE01.	1.5	13
6	Low-temperature sintering of silicaâ€"boric acid-doped willemite and microwave dielectric properties. Japanese Journal of Applied Physics, 2015, 54, 10NE03.	1.5	3
7	Crystallization of indialite/cordierite glass ceramics for millimeter-wave dielectrics. Ceramics International, 2015, 41, S588-S593.	4.8	39
8	Low-temperature sintering and microwave dielectric properties of Al2TeO6â€"TeO2 ceramics. Journal of Alloys and Compounds, 2015, 640, 383-387.	5.5	10
9	Research & Developments for Millimeter-Wave Dielectric Forsterite with Low Dielectric Constant, HighQ, and Zero Temperature Coefficient of Resonant Frequency. Japanese Journal of Applied Physics, 2013, 52, 09KH02.	1.5	9
10	Annealing effect on temperature coefficient of resistivity in La1â^'xSrxMnO3 ceramics. Journal of the European Ceramic Society, 2013, 33, 985-990.	5.7	5
11	Piezoelectric properties of langasite group based on the ionic size of cation. Ceramics International, 2013, 39, S87-S90.	4.8	1
12	Enhanced Microwave Resonance Properties of Pseudo-Tungsten-Bronze Ba_{6-3x}R_{8+2x}Ti₁₈O₅₄ (R = Rare Earth) Solid Solutions Explained by Electronâ€"Phonon Interaction. Japanese Journal of Applied Physics, 2013, 52, 09KH04.	1.5	5
13	Millimeter-wave dielectrics of indialite/cordierite glass ceramics: Estimating Si/Al ordering by volume and covalency of Si/Al octahedron. Journal of the Ceramic Society of Japan, 2013, 121, 649-654.	1.1	25
14	Fabrication Conditions of Diopside for Millimeterwave Dielectrics. Japanese Journal of Applied Physics, 2012, 51, 09LF02.	1.5	16
15	Microwave dielectric ceramics with rare-earth elements (I). Journal of the Korean Physical Society, 2012, 61, 971-979.	0.7	5
16	Functional advances of microwave dielectrics for next generation. Ceramics International, 2012, 38, S141-S146.	4.8	81
17	Mechanism of Piezoelectricity for Langasite Based on the Framework Crystal Structure. Transactions on Electrical and Electronic Materials, 2012, 13, 51-59.	1.9	20
18	Crystal Structure and Piezoelectric Properties of Four Component Langasite A₃B Ga₃Si₂O₁₄ (A = Ca or Sr, B = Ta or Nb). Transactions on Electrical and Electronic Materials, 2012, 13, 171-176.	1.9	20

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19	Fabrication Conditions of Diopside for Millimeterwave Dielectrics. Japanese Journal of Applied Physics, 2012, 51, 09LF02.	1.5	9
20	Millimeter-Wave Dielectric Properties of Cordierite/Indialite Glass Ceramics. Japanese Journal of Applied Physics, 2011, 50, 09NF01.	1.5	31
21	Millimeter-Wave Dielectric Properties of Cordierite/Indialite Glass Ceramics. Japanese Journal of Applied Physics, 2011, 50, 09NF01.	1.5	8
22	Influence of Layered Perovskite Structure on Oxygen Permeability of Srâ€“Laâ€“Feâ€“Co Oxide. Journal of the Physical Society of Japan, 2010, 79, 109-112.	1.6	5
23	Liquid phase deposition process to deposit TiO2 in the porous Mg2SiO4 ceramics. Journal of the Ceramic Society of Japan, 2010, 118, 731-734.	1.1	3
24	Precursor phenomenon on ferroelectric transition in multiferroic YMn2O5. Journal of the European Ceramic Society, 2010, 30, 255-258.	5.7	9
25	Grain size control of lead-free Li0.06(Na0.5K0.5)0.94NbO3 piezoelectric ceramics by Ba and Ti doping. Journal of the European Ceramic Society, 2010, 30, 295-299.	5.7	20
26	Microwave Dielectric Ceramics with Rare-Earth (II). Integrated Ferroelectrics, 2010, 115, 95-109.	0.7	5
27	Microwave Dielectric Properties of CaTiO3â€“(LiNd)TiO3â€“(BiNa)TiO3Ceramics. Japanese Journal of Applied Physics, 2010, 49, 09MC13.	1.5	3
28	Dense Composition with HighQon the Complex Perovskite Compounds. Ferroelectrics, 2009, 387, 28-35.	0.6	6
29	The Improvement of Microwave Dielectric Properties on Al2O3Ceramics. Ferroelectrics, 2009, 387, 46-53.	0.6	5
30	Phase Transition and Structural Analysis of (Li,Na,K)NbO₃ Lead-Free Piezoelectric Ceramics. Key Engineering Materials, 2009, 421-422, 3-8.	0.4	3
31	Microwave Dielectric Properties of (Ca_{1-x}Sr_x)SiO₃Ring Silicate Solid Solutions. Japanese Journal of Applied Physics, 2009, 48, 09KE02.	1.5	18
32	Controlling temperature coefficient of resistivity in La1â^'xSrxMnO3 ceramics. Materials Letters, 2009, 63, 2452-2455.	2.6	15
33	Origin of High Q for Microwave Complex Perovskite. Key Engineering Materials, 2009, 421-422, 77-80.	0.4	9
34	Preparation and Electric Property of Lead-Free KNbO₃Piezoceramics Derived from Citrate Complex Precursor. Ferroelectrics, 2009, 380, 196-201.	0.6	4
35	Oxygen permeation and microstructure of intergrowth perovskite Sr-La-Fe-Co based mixed-conductive ceramics. Journal of the Ceramic Society of Japan, 2009, 117, 996-998.	1.1	3
36	Effect of re-oxidation on dielectric properties in Ni-MLCC. Journal of Electroceramics, 2008, 21, 22-28.	2.0	9

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37	Microwave dielectric properties of NaxNd(2-x)/3TiO3 solid solutions. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 2582-2585.	3.0	3
38	Sintering conditions of cordierite for microwave/millimeterwave dielectrics. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 1081-1085.	3.0	18
39	Crystal structure and dielectric properties of Ca_{0.85}Nd_{0.1}TiO₃ - LnAlO₃ ceramics. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 1075-1080.	3.0	7
40	Quality Factor of Forsterite for Ultrahigh Frequency Dielectrics Depending on Synthesis Process. Japanese Journal of Applied Physics, 2008, 47, 7729-7731.	1.5	23
41	Synthesis of KNbO₃ Piezoelectric Ceramics Using Citrate Precursors. Japanese Journal of Applied Physics, 2008, 47, 7669.	1.5	21
42	Microstructures and Microwave Dielectric Properties on Annealed Al₂O₃-TiO₂ Composite Ceramics. Key Engineering Materials, 2008, 388, 251-254.	0.4	1
43	Sintering and Dielectric Property of (K 1 â^' x Na x)Ba 2 Nb 5 O 15 Ceramics. Ferroelectrics, 2008, 368, 179-184.	0.6	2
44	Synthesis of High-Quality Forsterite. Japanese Journal of Applied Physics, 2007, 46, 7112-7116.	1.5	25
45	Synthesis and Crystal Structureâ€“Microwave Dielectric Property Relations in Sn-Substituted Ca₃(Zr_{1-x}Sn_x)Si₂O₉ Solid Solutions with Cuspidine Structure. Japanese Journal of Applied Physics, 2007, 46, 7108.	1.5	34
46	Composition Dependence of Crystallinity for Lead-Free (Li, Na, K)NbO₃Powder and Thin Films Fabricated by Sol-Gel Process. Ferroelectrics, 2007, 358, 175-180.	0.6	13
47	Effects of Pt Bottom Electrode Layers and Thermal Process on Crystallinity of Alkoxy-Derived (Na,K)NbO3Thin Films. Japanese Journal of Applied Physics, 2007, 46, 1094-1099.	1.5	23
48	Effect of Processing Parameters of KNbO₃Powder Prepared from Aqueous Solution of Layered Perovskite. Ferroelectrics, 2007, 356, 215-219.	0.6	5
49	Synthesis of KNbO<inf>3</inf> Ceramics from Powder Fabricated by Sol-gel Process. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
50	Dielectric Properties and Microstructure of Nearly Zero Temperature Coefficient Ï„,_f of Forsterite Ceramics. Materials Science Forum, 2007, 561-565, 617-620.	0.3	1
51	Fabrication and Characterization of Alkoxy-Derived (Na, K)NbO₃ Series Powder. Key Engineering Materials, 2007, 350, 43-46.	0.4	1
52	Effect of (Na,K)-Excess Precursor Solutions on Alkoxy-Derived (Na,K)NbO₃ Powders and Thin Films. Japanese Journal of Applied Physics, 2007, 46, 6964.	1.5	103
53	Influence of TiO2 Particle Sizes on the Sintering and Annealing of Al2O3-TiO2 Microwave Dielectric Ceramics. Journal of the Ceramic Society of Japan, 2007, 115, 797-800.	1.1	1
54	Raman Spectroscopic Evaluation and Microwave Dielectric Property of Order/Disorder and Stoichiometric/Non-Stoichiometric Ba(Zn1/3Ta2 /3)O3. Ferroelectrics, 2007, 356, 146-152.	0.6	9

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55	Sintering Condition of Cordierite for Microwave/Millimeterwave Dielectrics. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	1
56	Microwave dielectric properties of porous Mg2SiO4 filling with TiO2 prepared by a liquid phase deposition process. Journal of the European Ceramic Society, 2007, 27, 3105-3108.	5.7	24
57	Microwave dielectric properties of tungstenbronze type like (Ba1â^'Î±SrÎ±)6â^'3xR8+2xTi18O54 (R=Sm, Nd) solid solutions. Journal of the European Ceramic Society, 2007, 27, 3059-3062.	5.7	18
58	Origins of high Q on microwave tungstenbronze-type like Ba6â^'3xR8+2xTi18O54 (R: rare earth) dielectrics based on the atomic arrangements. Journal of the European Ceramic Society, 2007, 27, 2911-2915.	5.7	18
59	Effect of Ni substitution on the microwave dielectric properties of cordierite. Journal of the European Ceramic Society, 2007, 27, 3045-3048.	5.7	75
60	Morphology and crystallinity of KNbO3-based nano powder fabricated by solâ€“gel process. Journal of the European Ceramic Society, 2007, 27, 3591-3595.	5.7	28
61	Effect of site occupancies of rare earth ions on electrical properties in Ni-MLCC based on BaTiO3. Journal of the European Ceramic Society, 2007, 27, 4017-4020.	5.7	43
62	Temperature dependence on the piezoelectric property of (1â^'x)(Na0.5K0.5)NbO3â€“xLiNbO3 ceramics. Journal of the European Ceramic Society, 2007, 27, 4107-4110.	5.7	61
63	Densification of tungsten-bronze KBa2Nb5O15 lead-free piezoceramics. Journal of the European Ceramic Society, 2007, 27, 4111-4114.	5.7	17
64	Boron addition effects on aluminum nitride fabricated by radio-frequency plasma-assisted molecular beam epitaxy. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 2486-2489.	0.8	5
65	Synthesis of Forsterite with High Q and Near Zero TC_ffor Microwave/Millimeterwave Dielectrics. Journal of the Korean Ceramic Society, 2007, 44, 597-606.	2.3	8
66	Occupational Sites of Sm in BaTiO3Analyzed by Rietveld Method and EXAFS. Ferroelectrics, 2006, 332, 7-11.	0.6	5
67	Low-temperature sintering-microwave dielectric property relations in Ba3(VO4)2 ceramic. Journal of Alloys and Compounds, 2006, 424, 388-393.	5.5	111
68	Fabrication of Aluminum Nitride Thin Film and Its Oxidation Behavior. Zairyo/Journal of the Society of Materials Science, Japan, 2006, 55, 785-789.	0.2	10
69	Fabrication of highly oriented lead-free (Na, K)NbO3 thin films at low temperature by Solâ€“Gel process. Journal of Crystal Growth, 2006, 294, 209-213.	1.5	75
70	Dielectric anisotropy and sinterability improvement of Ba4Nd9.33Ti18O54 textured ceramics. Journal of the European Ceramic Society, 2006, 26, 1899-1902.	5.7	12
71	Dielectric constant dependence on atomic substitution of Y2BaCuO5 clarified by ab initio calculations. Journal of the European Ceramic Society, 2006, 26, 1869-1872.	5.7	4
72	Improvement of the dielectric properties of rutile-doped Al2O3 ceramics by annealing treatment. Journal of the European Ceramic Society, 2006, 26, 2093-2096.	5.7	34

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73	Crystal structure and microwave dielectric properties of (Ba1â^'Î±SrÎ±)6â^'3xSm8+2xTi18O54 solid solutions. Journal of the European Ceramic Society, 2006, 26, 2035-2038.	5.7	12
74	Microwave dielectric properties of forsterite-based solid solutions. Journal of the European Ceramic Society, 2006, 26, 2097-2100.	5.7	68
75	Forsterite ceramics for millimeterwave dielectrics. Journal of Electroceramics, 2006, 17, 445-450.	2.0	164
76	Characterization and dielectric behavior of willemite and TiO2-doped willemite ceramics at millimeter-wave frequency. Journal of the European Ceramic Society, 2006, 26, 1827-1830.	5.7	239
77	Crystal structureâ€“microwave dielectric property relations in Sm(Nb1â^'xTax)(Ti1â^'yZry)O6 ceramics. Journal of the European Ceramic Society, 2006, 26, 2075-2079.	5.7	32
78	Enhancement of Internal Dielectric Constant of Metallodielectrics Made from Layers of Nonmagnetic Wires. Japanese Journal of Applied Physics, 2006, 45, 1694-1697.	1.5	4
79	Anisotropic Polarization and Piezoelectricity of KBa2Nb5O15Ceramics Derived from Pressureless Sintering. Japanese Journal of Applied Physics, 2006, 45, 7435-7439.	1.5	6
80	Microwave Dielectric Properties of Perovskite-Like Structured Ba8Ta6(Ni1-xMx)O24(M=Co, Cu, and Zn) Solid Solutions. Japanese Journal of Applied Physics, 2006, 45, 7494-7498.	1.5	24
81	Synthesis of Disordered Ba(Zn1/3Ta2/3)O3by Spark Plasma Sintering and Its MicrowaveQFactor. Japanese Journal of Applied Physics, 2006, 45, 7484-7488.	1.5	19
82	Microstructure and Dielectric Property of KNbO₃ Ceramics with KVO₃ Addition. Advanced Materials Research, 2006, 11-12, 105-108.	0.3	1
83	Growth and Characterization of AlBN Polycrystalline Thin Film by Radio-Frequency Plasma-Assisted Molecular Beam Epitaxy. Key Engineering Materials, 2006, 301, 95-98.	0.4	3
84	Crystallization Behavior of KNbO₃ Series Precursors Synthesized by CSD Process. Key Engineering Materials, 2006, 320, 85-88.	0.4	5
85	Crystallography and R&D for Material Science from Our Research: Electroceramics. Advanced Materials Research, 2006, 11-12, 95-100.	0.3	0
86	Processing and Ferroelectric Property of Lead-Free KBa₂Nb₅O₁₅ Piezoceramics. Advanced Materials Research, 2006, 11-12, 113-116.	0.3	3
87	Paraelectric ceramics/metal dual composites SrTiO3â^•Pt system with giant relative permittivity. Applied Physics Letters, 2006, 89, 152905.	3.3	21
88	Influence of Composition Deviation from Stoichiometric Ba(Zn1/3Ta2/3)O3 on Superlattice Ordering and Microwave Quality Factor Q. Journal of the Ceramic Society of Japan, 2005, 113, 172-178.	1.3	20
89	Research and Development of Microwave Dielectric Ceramics for Wireless Communications. Journal of the Ceramic Society of Japan, 2005, 113, 703-711.	1.3	107
90	Microwave dielectric properties of low-temperature sintered Mg3(VO4)2 ceramic. Journal of the European Ceramic Society, 2005, 25, 2865-2870.	5.7	121

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91	Microwave dielectric properties of Mg4Nb2O9â€“3.0wt.% LiF ceramics prepared with CaTiO3 additions. Journal of the European Ceramic Society, 2005, 25, 2871-2875.	5.7	37
92	Synthesis and microwave dielectric properties of (Ce1â^'yDyy)(Nb1â^'xTax)TiO6 ceramics. Journal of the European Ceramic Society, 2005, 25, 2889-2895.	5.7	10
93	Lead-free KNbO3 piezoceramics synthesized by pressure-less sintering. Journal of the European Ceramic Society, 2005, 25, 2719-2722.	5.7	73
94	Microwave dielectric properties of lanthanum aluminate ceramics and single crystal. Journal of the European Ceramic Society, 2005, 25, 2901-2905.	5.7	21
95	Development of transparent single-crystalline KNbO3thin film by LPE technique. Science and Technology of Advanced Materials, 2005, 6, 61-65.	6.1	9
96	Control of temperature coefficient of resonant frequency in Ba4Sm9.33Ti18O54ceramics by templated grain growth. Science and Technology of Advanced Materials, 2005, 6, 54-60.	6.1	7
97	(Na0.5K0.5)NbO3â€“LiTaO3 lead-free piezoelectric ceramics. Materials Letters, 2005, 59, 241-244.	2.6	582
98	Microwave dielectric properties and low-temperature sintering of MgTiO3â€“SrTiO3 ceramics with B2O3 or CuO. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 121, 48-53.	3.5	57
99	Microwave Dielectric Properties of Textured BaLa4Ti4O15Ceramics with Layered Perovskite Structure. Japanese Journal of Applied Physics, 2005, 44, 7094-7097.	1.5	14
100	Raman Scattering Study of Piezoelectric (Na0.5K0.5)NbO3-LiNbO3Ceramics. Japanese Journal of Applied Physics, 2005, 44, 7064-7067.	1.5	306
101	Microwave Dielectric Properties of Al2O3-TiO2Improved by Addition of ZnO. Ferroelectrics, 2005, 327, 27-31.	0.6	7
102	Crystal Structure and Microwave Dielectric Properties of Aeschynite-TypeR(W0.5Ti1.5)O6(R= Nd, Sm,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.5	7
103	High-Q Microwave Dielectric SrTiO3-Doped MgTiO3Materials with Near-Zero Temperature Coefficient of Resonant Frequency. Japanese Journal of Applied Physics, 2004, 43, 6221-6224.	1.5	50
104	Relationship between Microstructural Evolution and Electrical Properties in Ba(Ti, Zr)O3-Based Materials for Ni-MLCC. Japanese Journal of Applied Physics, 2004, 43, 6640-6644.	1.5	2
105	Ferroelectricity and Solid-Solution Structure of KNbO₃ Ceramics Doped with La and Fe. Key Engineering Materials, 2004, 269, 7-10.	0.4	7
106	Development of Forsterite with High Q and Zero Temperature Coefficient Ï„_f for Millimeterwave Dielectric Ceramics. Key Engineering Materials, 2004, 269, 199-202.	0.4	39
107	Microwave Dielectric Homologous Materials ALa₄Ti₄O₁₅(A=Ba,Ca,Sr) with High Q - High Dielectric Constant for Base Station. Key Engineering Materials, 2004, 269, 203-206.	0.4	15
108	Microwave Dielectric Property and Crystal Structure of R₂O₃ (R = Rare Earth)-BaO-MO (M = Cu and Zn) System. Key Engineering Materials, 2004, 269, 191-194.	0.4	2

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109	Microwave Materials with High Q and Low Dielectric Constant for Wireless Communications.. Materials Research Society Symposia Proceedings, 2004, 833, 1.	0.1	11
110	Microwave dielectric properties of oriented BaLa4Ti4O15 ceramics fabricated by templated grain growth. Materials Research Society Symposia Proceedings, 2004, 833, 90.	0.1	0
111	Solid-Solution Structure and Piezoelectric Property of KNbO3Ceramics Doped with Small Amounts of Elements. Japanese Journal of Applied Physics, 2004, 43, 6706-6710.	1.5	68
112	Anisotropic Microwave Dielectric Properties of Textured Ba₄ Sm_{9.33} Ti₁₈ O₅₄ Ceramics. Key Engineering Materials, 2004, 269, 207-210.	0.4	8
113	Controlled Temperature Coefficient of Resonant Frequency of Al2O3-TiO2Ceramics by Annealing Treatment. Japanese Journal of Applied Physics, 2004, 43, L749-L751.	1.5	56
114	Ferroelectric Property and Crystal Structure of KNbO3 Based Ceramics. Journal of Electroceramics, 2004, 13, 555-559.	2.0	12
115	Single-Crystalline KNbO3Thin Film Grown by Liquid Phase Epitaxy. Journal of Electroceramics, 2004, 13, 579-583.	2.0	3
116	Relationships between Sr substitution for Ba and dielectric characteristics in Sm2BaZnO5 ceramics. Journal of the European Ceramic Society, 2004, 24, 1745-1748.	5.7	10
117	Microwave dielectric propertyâ€“microstructure relationships in Y2Ba(Cu1â^'xMg x)O5 solid solutions. Journal of the European Ceramic Society, 2004, 24, 1749-1753.	5.7	9
118	Low-temperature sintering of Ba6â^'3xSm8+2xTi18O54 microwave dielectric ceramics by B2O3 and GeO2 addition. Journal of the European Ceramic Society, 2004, 24, 1755-1760.	5.7	50
119	Dielectric and piezoelectric properties of lead-free (Na0.5K0.5)NbO3â€“SrTiO3 ceramics. Solid State Communications, 2004, 129, 279-284.	1.9	349
120	Ferroelectric-relaxor behavior of (Na0.5K0.5)NbO3-based ceramics. Journal of Physics and Chemistry of Solids, 2004, 65, 1831-1835.	4.0	82
121	Structure and Electrical Properties of Lead-Free (Na0.5K0.5)NbO3-BaTiO3Ceramics. Japanese Journal of Applied Physics, 2004, 43, 6662-6666.	1.5	231
122	Microwave-Millimeterwave Dielectric Materials. Key Engineering Materials, 2004, 269, 195-198.	0.4	74
123	Phase transitional behavior and piezoelectric properties of (Na0.5K0.5)NbO3â€“LiNbO3 ceramics. Applied Physics Letters, 2004, 85, 4121-4123.	3.3	1,394
124	The quality factor of the microwave dielectric materials based on the crystal structureâ€”as an example: the Ba6â^'3xR8+2xTi18O54 (R = rare earth) solid solutions. Materials Chemistry and Physics, 2003, 79, 208-212.	4.0	83
125	Crystal structural characterization of Nd2BaZnO5-type microwave dielectric ceramics with rare-earth substitutions for Nd. Materials Chemistry and Physics, 2003, 79, 273-275.	4.0	6
126	Microwave dielectric properties of R2Ba(Cu1â^'xMx)O5 (R = Y and Yb, M = Zn and Ni) solid solutions. Materials Chemistry and Physics, 2003, 79, 184-186.	4.0	1

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127	Microstructure and microwave dielectric properties of Ba4Sm9.33Ti18O54 ceramics containing columnar crystals. Journal of the European Ceramic Society, 2003, 23, 2535-2539.	5.7	24
128	Dielectric propertyâ€“microstructure relations in Co-O doped (Y2â^'xSmx)BaCuO5 ceramics. Journal of the European Ceramic Society, 2003, 23, 2603-2606.	5.7	5
129	Grain-Orientation Control and Microwave Dielectric Properties of Ba4Sm9.33Ti18O54Ceramics. Japanese Journal of Applied Physics, 2003, 42, 6149-6153.	1.5	14
130	Chemical bonding characteristics and dielectric properties of Nd2(Ba1â^'xSrx)ZnO5 solid solutions. Journal of Materials Research, 2003, 18, 2427-2434.	2.6	4
131	Ferroelectric and Piezoelectric Properties of KNbO3Ceramics Containing Small Amounts of LaFeO3. Japanese Journal of Applied Physics, 2003, 42, 6102-6105.	1.5	119
132	Effect of Ho/Mg Ratio on Formation of Core-shell Structure in BaTiO3and on Dielectric Properties of BaTiO3Ceramics. Japanese Journal of Applied Physics, 2002, 41, 6934-6937.	1.5	39
133	Growth Morphology and Crystal Orientation of KNbO3Film on SrTiO3by Liquid Phase Epitaxy. Japanese Journal of Applied Physics, 2002, 41, 6908-6911.	1.5	18
134	Crystallographic Growth Models of Wurtzite-Type Thin Films on 6H-SiC. Materials Science Forum, 2002, 389-393, 1489-1492.	0.3	0
135	Microwave Dielectric Characteristics of Y2BaZnO5Ceramics with Sm Substitution for Y. Japanese Journal of Applied Physics, 2002, 41, 7226-7229.	1.5	6
136	Microwave Dielectric Properties of Bi-Doped Ba4R9+1/3Ti18O54 Solid Solutions.. Journal of the Ceramic Society of Japan, 2002, 110, 276-282.	1.3	1
137	Low-Temperature Sintering and Microwave Dielectric Property of Ba6-3xSm8+2xTi18O54 Solid Solution.. Journal of the Ceramic Society of Japan, 2002, 110, 108-114.	1.3	4
138	Microwave Dielectric Properties of Ba 6â^'3 x Eu 8+2 x Ti 18 O 54. Ferroelectrics, 2002, 272, 249-254.	0.6	2
139	Microwave Dielectric Properties of Ba 6â^'3 x Eu 8+2 x Ti 18 O 54 (x =2/3) with Sm and Nd Substituted for Eu. Ferroelectrics, 2002, 272, 213-218.	0.6	4
140	Microwave Dielectric Properties of Ba n La 4 Ti 3+ n O 12+3 n Homologous Compounds and Substitution of Trivalent Cations for La. Ferroelectrics, 2002, 272, 345-350.	0.6	20
141	Influence of microstructure on microwave dielectric properties of ZnTa2O6 ceramics with low dielectric loss. Journal of Alloys and Compounds, 2002, 337, 303-308.	5.5	69
142	Role of Zn substitution for Cu on the microwave dielectric properties and crystal structure of Eu2Ba(Cu1â^'xZnx)O5 solid solutions. Physica B: Condensed Matter, 2002, 322, 403-407.	2.7	4
143	Site occupancy of Bi ions and microwave dielectric properties in Ba6â^'3xNd8+2xTi18O54 solid solutions. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2002, 88, 58-61.	3.5	16
144	Microwave Dielectric Properties of Ba 6â^'3 x Eu 8+2 x Ti 18 O 54. Ferroelectrics, 2002, 272, 249-254.	0.6	1

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145	Microwave Dielectric Properties of Ba n La 4 Ti 3+ n O 12+3 n Homologous Compounds and Substitution of Trivalent Cations for La. Ferroelectrics, 2002, 272, 345-350.	0.6	1
146	Crystal structure of Y2Ba(Cu1â^'xZnx)O5 (x=0 to 1) solid solutions. Materials Letters, 2001, 49, 34-37.	2.6	3
147	Microwave Dielectric Properties of BanLa4Ti3+nO12+3nHomologous Series. Japanese Journal of Applied Physics, 2001, 40, 5779-5782.	1.5	71
148	Formation of stacking faults from misfit dislocations at the BaTiO3/SrTiO3 interface simulated by molecular dynamics. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2001, 309-310, 148-151.	5.6	7
149	Microwave dielectric properties of Y2BaCuO5 compound substituted Ni for Cu. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2001, 79, 180-182.	3.5	7
150	Occupational sites and dielectric properties of rare-earth and Mn substituted BaTiO3. Journal of the European Ceramic Society, 2001, 21, 1643-1647.	5.7	81
151	Effects of microstructure on microwave dielectric properties of Y2Ba(Cu1â€“xZnx)O5 solid solutions. Journal of the European Ceramic Society, 2001, 21, 1699-1704.	5.7	3
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