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	Phase transitional behavior and piezoelectric properties of (Na0.5K0.5)NbO3â€“LiNbO3 ceramics. Applied Physics Letters, 2004, 85, 4121-4123.	3.3	1,394
2	(Na0.5K0.5)NbO3â€“LiTaO3 lead-free piezoelectric ceramics. Materials Letters, 2005, 59, 241-244.	2.6	582
3	Dielectric and piezoelectric properties of lead-free (Na0.5K0.5)NbO3â€“SrTiO3 ceramics. Solid State Communications, 2004, 129, 279-284.	1.9	349
4	Raman Scattering Study of Piezoelectric (Na0.5K0.5)NbO3-LiNbO3Ceramics. Japanese Journal of Applied Physics, 2005, 44, 7064-7067.	1.5	306
5	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
6	Structure and Electrical Properties of Lead-Free (Na0.5K0.5)NbO3-BaTiO3Ceramics. Japanese Journal of Applied Physics, 2004, 43, 6662-6666.	1.5	231
7	The effect of rare-earth (La, Sm, Dy, Ho and Er) and Mg on the microstructure in BaTiO3. Journal of the European Ceramic Society, 1999, 19, 1043-1046.	5.7	227
8	Forsterite ceramics for millimeterwave dielectrics. Journal of Electroceramics, 2006, 17, 445-450.	2.0	164
9	Microwave dielectric properties of low-temperature sintered Mg3(VO4)2 ceramic. Journal of the European Ceramic Society, 2005, 25, 2865-2870.	5.7	121
10	Ferroelectric and Piezoelectric Properties of KNbO3Ceramics Containing Small Amounts of LaFeO3. Japanese Journal of Applied Physics, 2003, 42, 6102-6105.	1.5	119
11	Low-temperature sintering-microwave dielectric property relations in Ba3(VO4)2 ceramic. Journal of Alloys and Compounds, 2006, 424, 388-393.	5.5	111
12	Research and Development of Microwave Dielectric Ceramics for Wireless Communications. Journal of the Ceramic Society of Japan, 2005, 113, 703-711.	1.3	107
13	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
14	Formation of Solid Solutions of New Tungsten Bronze-Type Microwave Dielectric Compounds Ba6-3xR8+2xTi18O54(R=Nd and Sm, 0â‰¤xâ‰¤1). Japanese Journal of Applied Physics, 1993, 32, 4323-4326.	1.5	101
15	Microwave Dielectric Properties of the Ba6-3x(Sm1-y,mbRy)8+2xTi18O54(mbR=Nd and La) Solid Solutions with Zero Temperature Coefficient of the Resonant Frequency. Japanese Journal of Applied Physics, 1995, 34, 5413-5417.	1.5	88
16	Superlattice and Dielectric Properties of BaO-R2O3-TiO2(R=La, Nd and Sm) Microwave Dielectric Compounds. Japanese Journal of Applied Physics, 1992, 31, 3136-3138.	1.5	83
17	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
18	Ferroelectric-relaxor behavior of (Na0.5K0.5)NbO3-based ceramics. Journal of Physics and Chemistry of Solids, 2004, 65, 1831-1835.	4.0	82

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19	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
20	Functional advances of microwave dielectrics for next generation. Ceramics International, 2012, 38, S141-S146.	4.8	81
21	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
22	Effect of Ni substitution on the microwave dielectric properties of cordierite. Journal of the European Ceramic Society, 2007, 27, 3045-3048.	5.7	75
23	Microwave-Millimeterwave Dielectric Materials. Key Engineering Materials, 2004, 269, 195-198.	0.4	74
24	Lead-free KNbO3 piezoceramics synthesized by pressure-less sintering. Journal of the European Ceramic Society, 2005, 25, 2719-2722.	5.7	73
25	Microwave Dielectric Properties of BanLa4Ti3+nO12+3nHomologous Series. Japanese Journal of Applied Physics, 2001, 40, 5779-5782.	1.5	71
26	Microwave Dielectric Properties and Structure of the Ba6-3 xSm8+2 xTi18O54 Solid Solutions. Japanese Journal of Applied Physics, 1995, 34, 187-191.	1.5	69
27	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
28	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
29	Microwave dielectric properties of forsterite-based solid solutions. Journal of the European Ceramic Society, 2006, 26, 2097-2100.	5.7	68
30	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
31	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
32	Controlled Temperature Coefficient of Resonant Frequency of Al2O3-TiO2Ceramics by Annealing Treatment. Japanese Journal of Applied Physics, 2004, 43, L749-L751.	1.5	56
33	Microwave Dielectric Properties of Tungsten Bronze-Type Ba_{6-3x}R_{8+2x}Ti₁₈O₅₄ (R=La,) Tj ETQq1 1 0.784314 rgB	1.5	52
34	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
35	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
36	Effect of Occupational Sites of Rare-Earth Elements on the Microstructure in BaTiO3. Japanese Journal of Applied Physics, 1999, 38, 5452-5456.	1.5	49

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37	Study of Occupational Sites and Dielectric Properties of Hoâ€“Mg and Hoâ€“Mn Substituted BaTiO3. Japanese Journal of Applied Physics, 2000, 39, 5533-5537.	1.5	46
38	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
39	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
40	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
41	Crystallization of indialite/cordierite glass ceramics for millimeter-wave dielectrics. Ceramics International, 2015, 41, S588-S593.	4.8	39
42	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
43	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
44	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
45	Microwave Dielectric Properties of Ba6-3xSm8+2xTi18O54Solid Solutions with Sr Substituted for Ba. Japanese Journal of Applied Physics, 1997, 36, 6012-6015.	1.5	33
46	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
47	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
48	Millimeter-Wave Dielectric Properties of Cordierite/Indialite Glass Ceramics. Japanese Journal of Applied Physics, 2011, 50, 09NF01.	1.5	31
49	Microwave Dielectric Properties of Y2Ba(Cu1-xZnx)O5Solid Solutions. Japanese Journal of Applied Physics, 1998, 37, 5360-5363.	1.5	28
50	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
51	Microwave Dielectric Properties of Ba4(Nd28/3-yRy)Ti18O54(R=Eu, Dy, Ho, Er and Yb) Solid Solutions. Japanese Journal of Applied Physics, 1999, 38, 5625-5628.	1.5	26
52	Synthesis of High-Quality Forsterite. Japanese Journal of Applied Physics, 2007, 46, 7112-7116.	1.5	25
53	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
54	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

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55	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
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	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
58	Quality Factor of Forsterite for Ultrahigh Frequency Dielectrics Depending on Synthesis Process. Japanese Journal of Applied Physics, 2008, 47, 7729-7731.	1.5	23
59	Molecular dynamics calculations about misfit dislocations at the BaTiO3/SrTiO3-interface. Thin Solid Films, 2000, 375, 9-14.	1.8	22
60	Microwave dielectric properties of lanthanum aluminate ceramics and single crystal. Journal of the European Ceramic Society, 2005, 25, 2901-2905.	5.7	21
61	Paraelectric ceramics/metal dual composites SrTiO3âˆ•Pt system with giant relative permittivity. Applied Physics Letters, 2006, 89, 152905.	3.3	21
62	Synthesis of KNbO₃ Piezoelectric Ceramics Using Citrate Precursors. Japanese Journal of Applied Physics, 2008, 47, 7669.	1.5	21
63	Volume crystallization and microwave dielectric properties of indialite/cordierite glass by TiO2 addition. Ceramics International, 2021, 47, 2735-2742.	4.8	21
64	Effects of variations in crystal structure on microwave dielectric properties of Y2BaCuO5 system. Journal of the European Ceramic Society, 2001, 21, 2593-2598.	5.7	20
65	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
66	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
67	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
68	Mechanism of Piezoelectricity for Langasite Based on the Framework Crystal Structure. Transactions on Electrical and Electronic Materials, 2012, 13, 51-59.	1.9	20
69	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
70	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
71	Growth Morphology and Crystal Orientation of KNbO3Film on SrTiO3by Liquid Phase Epitaxy. Japanese Journal of Applied Physics, 2002, 41, 6908-6911.	1.5	18
72	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

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73	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
74	Sintering conditions of cordierite for microwave/millimeterwave dielectrics. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 1081-1085.	3.0	18
75	Microwave Dielectric Properties of (Ca_{1-x}Sr_x)SiO₃Ring Silicate Solid Solutions. Japanese Journal of Applied Physics, 2009, 48, 09KE02.	1.5	18
76	Densification of tungsten-bronze KBa2Nb5O15 lead-free piezoceramics. Journal of the European Ceramic Society, 2007, 27, 4111-4114.	5.7	17
77	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
78	Fabrication Conditions of Diopside for Millimeterwave Dielectrics. Japanese Journal of Applied Physics, 2012, 51, 09LF02.	1.5	16
79	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
80	Controlling temperature coefficient of resistivity in La1â^'xSrxMnO3 ceramics. Materials Letters, 2009, 63, 2452-2455.	2.6	15
81	Microwave Dielectric Properties of Sm2Ba(Cu1-xZnx)O5(x=0 to 1) Solid Solutions. Japanese Journal of Applied Physics, 1999, 38, 5629-5632.	1.5	14
82	Grain-Orientation Control and Microwave Dielectric Properties of Ba4Sm9.33Ti18O54Ceramics. Japanese Journal of Applied Physics, 2003, 42, 6149-6153.	1.5	14
83	Microwave Dielectric Properties of Textured BaLa4Ti4O15Ceramics with Layered Perovskite Structure. Japanese Journal of Applied Physics, 2005, 44, 7094-7097.	1.5	14
84	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
85	Novel low-temperature sintering ceramic substrate based on indialite/cordierite glass ceramics. Japanese Journal of Applied Physics, 2017, 56, 10PE01.	1.5	13
86	Ferroelectric Property and Crystal Structure of KNbO3 Based Ceramics. Journal of Electroceramics, 2004, 13, 555-559.	2.0	12
87	Dielectric anisotropy and sinterability improvement of Ba4Nd9.33Ti18O54 textured ceramics. Journal of the European Ceramic Society, 2006, 26, 1899-1902.	5.7	12
88	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
89	Influence ofM(M=Zn and Ni) Substitution for Cu on Microwave Dielectric Characteristics of Yb2Ba(Cu1-xMx)O5Solid Solutions. Japanese Journal of Applied Physics, 2001, 40, 5774-5778.	1.5	11
90	Microwave Materials with High Q and Low Dielectric Constant for Wireless Communications.. Materials Research Society Symposia Proceedings, 2004, 833, 1.	0.1	11

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91	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
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	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
94	Low-temperature sintering and microwave dielectric properties of Al2TeO6â€"TeO2 ceramics. Journal of Alloys and Compounds, 2015, 640, 383-387.	5.5	10
95	Microwave dielectric properties and crystal structure refinements in M (M=Sr, Ca) doped Nd2(Ba1â€"xMx)ZnO5 solid solutions. Journal of the European Ceramic Society, 2001, 21, 1731-1734.	5.7	9
96	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
97	Development of transparent single-crystalline KNbO3thin film by LPE technique. Science and Technology of Advanced Materials, 2005, 6, 61-65.	6.1	9
98	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
99	Effect of re-oxidation on dielectric properties in Ni-MLCC. Journal of Electroceramics, 2008, 21, 22-28.	2.0	9
100	Origin of High Q for Microwave Complex Perovskite. Key Engineering Materials, 2009, 421-422, 77-80.	0.4	9
101	Precursor phenomenon on ferroelectric transition in multiferroic YMn2O5. Journal of the European Ceramic Society, 2010, 30, 255-258.	5.7	9
102	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
103	Microwave Dielectrics with Perovskite-Type Structure. , 0, , .		9
104	Fabrication Conditions of Diopside for Millimeterwave Dielectrics. Japanese Journal of Applied Physics, 2012, 51, 09LF02.	1.5	9
105	Anisotropic Microwave Dielectric Properties of Textured Ba₄ Sm_{9.33} Ti₁₈ O₅₄ Ceramics. Key Engineering Materials, 2004, 269, 207-210.	0.4	8
106	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
107	Millimeter-Wave Dielectric Properties of Cordierite/Indialite Glass Ceramics. Japanese Journal of Applied Physics, 2011, 50, 09NF01.	1.5	8
108	Origin of the Internal Stress Around the Micropipe of 6H-SiC Single Crystal. Materials Science Forum, 2000, 338-342, 449-452.	0.3	7

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109	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
110	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
111	Ferroelectricity and Solid-Solution Structure of KNbO₃ Ceramics Doped with La and Fe. Key Engineering Materials, 2004, 269, 7-10.	0.4	7
112	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
113	Microwave Dielectric Properties of Al2O3-TiO2Improved by Addition of ZnO. Ferroelectrics, 2005, 327, 27-31.	0.6	7
114	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
115	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
116	Microwave Dielectric Characteristics of Y2BaZnO5Ceramics with Sm Substitution for Y. Japanese Journal of Applied Physics, 2002, 41, 7226-7229.	1.5	6
117	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
118	Anisotropic Polarization and Piezoelectricity of KBa2Nb5O15Ceramics Derived from Pressureless Sintering. Japanese Journal of Applied Physics, 2006, 45, 7435-7439.	1.5	6
119	Dense Composition with HighQon the Complex Perovskite Compounds. Ferroelectrics, 2009, 387, 28-35.	0.6	6
120	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
121	Microwave Dielectric Properties and Crystal Structure of Y2(Ba1-xSrx)(Cu1-yZny)O5Solid Solutions Synthesized by a Solid-State Reaction Method. Japanese Journal of Applied Physics, 2000, 39, 5654-5657.	1.5	5
122	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
123	Occupational Sites of Sm in BaTiO3Analyzed by Rietveld Method and EXAFS. Ferroelectrics, 2006, 332, 7-11.	0.6	5
124	Crystallization Behavior of KNbO₃ Series Precursors Synthesized by CSD Process. Key Engineering Materials, 2006, 320, 85-88.	0.4	5
125	Effect of Processing Parameters of KNbO₃Powder Prepared from Aqueous Solution of Layered Perovskite. Ferroelectrics, 2007, 356, 215-219.	0.6	5
126	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

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127	The Improvement of Microwave Dielectric Properties on Al2O3Ceramics. Ferroelectrics, 2009, 387, 46-53.	0.6	5
128	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
129	Microwave Dielectric Ceramics with Rare-Earth (II). Integrated Ferroelectrics, 2010, 115, 95-109.	0.7	5
130	Microwave dielectric ceramics with rare-earth elements (I). Journal of the Korean Physical Society, 2012, 61, 971-979.	0.7	5
131	Annealing effect on temperature coefficient of resistivity in La1â^'xSrxMnO3 ceramics. Journal of the European Ceramic Society, 2013, 33, 985-990.	5.7	5
132	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
133	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
134	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
135	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
136	Chemical bonding characteristics and dielectric properties of Nd2(Ba1â^'xSrx)ZnO5 solid solutions. Journal of Materials Research, 2003, 18, 2427-2434.	2.6	4
137	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
138	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
139	Preparation and Electric Property of Lead-Free KNbO₃Piezoceramics Derived from Citrate Complex Precursor. Ferroelectrics, 2009, 380, 196-201.	0.6	4
140	Crystal structure of Y2Ba(Cu1â^'xZnx)O5 (x=0 to 1) solid solutions. Materials Letters, 2001, 49, 34-37.	2.6	3
141	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
142	Single-Crystalline KNbO3Thin Film Grown by Liquid Phase Epitaxy. Journal of Electroceramics, 2004, 13, 579-583.	2.0	3
143	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
144	Processing and Ferroelectric Property of Lead-Free KBa₂Nb₅O₁₅ Piezoceramics. Advanced Materials Research, 2006, 11-12, 113-116.	0.3	3

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145	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
146	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
147	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
148	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
149	Microwave Dielectric Properties of CaTiO3â€“(LiNd)TiO3â€“(BiNa)TiO3Ceramics. Japanese Journal of Applied Physics, 2010, 49, 09MC13.	1.5	3
150	Low-temperature sintering of silicaâ€“boric acid-doped willemite and microwave dielectric properties. Japanese Journal of Applied Physics, 2015, 54, 10NE03.	1.5	3
151	Microwave Dielectric Properties of Ba 6â^'3 x Eu 8+2 x Ti 18 O 54. Ferroelectrics, 2002, 272, 249-254.	0.6	2
152	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
153	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
154	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
155	Dielectric Losses of Microwave Ceramics Based on Crystal Structure. , 0, , .		2
156	Formation Region of K-Al-Priderite (K_xAl_xTi_{8-x}O₁₆). Journal of the Ceramic Society of Japan, 1992, 100, 148-151.	1.3	1
157	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
158	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
159	Microstructure and Dielectric Property of KNbO₃ Ceramics with KVO₃ Addition. Advanced Materials Research, 2006, 11-12, 105-108.	0.3	1
160	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
161	Fabrication and Characterization of Alkoxy-Derived (Na, K)NbO₃ Series Powder. Key Engineering Materials, 2007, 350, 43-46.	0.4	1
162	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

#	Article	IF	Citations
163	Sintering Condition of Cordierite for Microwave/Millimeterwave Dielectrics. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	1
164	Microstructures and Microwave Dielectric Properties on Annealed Al₂O₃-TiO₂ Composite Ceramics. Key Engineering Materials, 2008, 388, 251-254.	0.4	1
165	Phase Relationship and Microwave Dielectric Properties in the Viciniy of Ba(Zn1/3Ta2/3)O3. Ceramic Engineering and Science Proceedings, 0, , 25-35.	0.1	1
166	Piezoelectric properties of langasite group based on the ionic size of cation. Ceramics International, 2013, 39, S87-S90.	4.8	1
167	Microwave Dielectric Properties of Ba 6â^'3 x Eu 8+2 x Ti 18 O 54. Ferroelectrics, 2002, 272, 249-254.	0.6	1
168	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
169	Practicing applied mineralogy on the electroceramicsâ€"Examples: microwave and millimeter-wave dielectrics. Ganseki Kobutsu Kagaku, 2018, 47, 43-50.	0.1	1
170	Phase Relation in the Pseudo-Binary System MnO₂-BaMnO₃ and Thermal Behaviors of Synthetic Hollandite (Ba_xMn₈O₁₆, 1.23<x<1.36). Journal of the Ceramic Association Japan, 1986, 94, 986-991.	0.2	0
171	Growth of ZnO Single Crystals by Flux Method with Solute Generated by Reaction. Journal of the Ceramic Association Japan, 1987, 95, 218-222.	0.2	0
172	Formation Region of Cryptomelane with Different K-Ion Occupancy and Elutriation of K-Ion with Water. Journal of the Ceramic Society of Japan, 1993, 101, 195-198.	1.3	0
173	Crystallographic Growth Models of Wurtzite-Type Thin Films on 6H-SiC. Materials Science Forum, 2002, 389-393, 1489-1492.	0.3	0
174	Microwave dielectric properties of oriented BaLa4Ti4O15 ceramics fabricated by templated grain growth. Materials Research Society Symposia Proceedings, 2004, 833, 90.	0.1	0
175	Crystallography and R&D for Material Science from Our Research: Electroceramics. Advanced Materials Research, 2006, 11-12, 95-100.	0.3	0
176	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