Masaki Yasuoka

List of Publications by Year
in descending order

40 papers	550 citations	687363 13 h-index	642732 23 g-index
42 all docs	42 docs citations	42 times ranked	403 citing authors

#	Article	IF	Citations
1	High-Strength and High-Fracture-Toughness Ceramics in the Al2O3/LaAl11O18Systems. Journal of the American Ceramic Society, 1995, 78, 1853-1856.	3.8	86
2	Fabrication, Sinterability, and Mechanical Properties of Lead Zirconate Titanate/Silver Composites. Journal of the American Ceramic Society, 1999, 82, 2417-2422.	3.8	71
3	Dielectric and thermal properties of AlN ceramics. Journal of the European Ceramic Society, 2007, 27, 2967-2971.	5.7	59
4	Effects of Annealing on Dielectric Loss and Microstructure of Aluminum Nitride Ceramics. Journal of the American Ceramic Society, 2005, 88, 3229-3231.	3.8	35
5	Influence of Powder Characteristics on Sintering Process and Thermal Conductivity of Aluminum Nitride Ceramics. Journal of the Ceramic Society of Japan, 1995, 103, 891-900.	1.3	32
6	Effect of Oligosaccharide Alcohol Addition to Alumina Slurry and Translucent Alumina Produced by Slip Casting. Journal of the American Ceramic Society, 2003, 86, 755-760.	3.8	29
7	Agglomeration control of hydroxyapatite nano-crystals grown in phase-separated microenvironments. Journal of Materials Science, 2006, 41, 5424-5428.	3.7	29
8	Effects of MgO addition on the density and dielectric loss of AlN ceramics sintered in presence of Y2O3. Journal of the European Ceramic Society, 2005, 25, 2791-2794.	5.7	28
9	Fabrication of Fine YAGâ€Particulateâ€Dispersed Alumina Fiber. Journal of the American Ceramic Society, 1998, 81, 2469-2472.	3.8	24
10	Annealing effect on dielectric property of AlN ceramics. Journal of the European Ceramic Society, 2006, 26, 1831-1834.	5.7	22
11	Reaction process and densification process of mixed ceramics. Journal of the European Ceramic Society, 1995, 15, 173-184.	5.7	16
12	Effect of zirconia addition on dielectric loss and microstructure of aluminum nitride ceramics. Ceramics International, 2007, 33, 269-272.	4.8	16
13	Dielectric properties of sintered aluminum nitride. International Journal of Refractory Metals and Hard Materials, 2005, 23, 382-385.	3.8	13
14	Rapid Microwave Drying for Slip Cast Bodies. Journal of the Ceramic Society of Japan, 2006, 114, 217-219.	1.3	11
15	Influence of Microwave Irradiation Method on the Sintering of Barium Titanate with Liquid Phase. Journal of the Ceramic Society of Japan, 2006, 114, 377-379.	1.3	8
16	Solid Solubility of Aluminum in O'-SiAlON. Journal of the American Ceramic Society, 1993, 76, 2112-2114.	3.8	7
17	Microstructure and Mechanical Properties of Alumina Based Ceramics with Changed Amounts of Î²-Lanthanaluminate. Journal of the Ceramic Society of Japan, 1997, 105, 641-644.	1.3	7
18	Revisiting the difference between traveling-wave and standing-wave thermoacoustic engines - A simple analytical model for the standing-wave one. Journal of the Korean Physical Society, 2015, 67, 1755-1766.	0.7	6

#	Article	IF	Citations
19	Highly dispersive Î±â€³-Fe16N2 particle synthesis using hydroxyapatite coating. Journal of Solid State Chemistry, 2015, 225, 455-458.	2.9	6
20	Property changes of mechanochemically treated alumina powders by annealing. Ceramics International, 1992, 18, 131-135.	4.8	5
21	Effects of Alumina Hydrates Formed by Hydration of Hydraulic Alumina on Green Strength and Microstructure of Porous Alumina Ceramics. Journal of the Ceramic Society of Japan, 2006, 114, 214-216.	1.3	5
22	Development of Compact Process using Microwave Heating. Journal of the Ceramic Society of Japan, 2007, 115, 69-73.	1.3	5
23	Drying Behavior of a Slip Cast Body Using a Microwave Heating. Journal of the American Ceramic Society, 2008, 91, 2367-2370.	3.8	5
24	Interrelationship between Two and/or Three-Dimensional Grain Morphology and Fracture Toughness of Si₃N₄ Ceramics. Journal of the Ceramic Society of Japan, 1992, 100, 1256-1260.	1.3	4
25	Effect of Water Vapor Pressure on the Viscous Sintering of Mullite. Journal of the Ceramic Society of Japan, 1995, 103, 1172-1176.	1.3	3
26	Microwave Sintering BaTiO₃ Ceramics Using Liquid Phase Sintering. Key Engineering Materials, 2006, 317-318, 131-134.	0.4	3
27	Effect of Additives on Dielectric Loss of AlN Ceramics. Key Engineering Materials, 2006, 317-318, 845-848.	0.4	3
28	Rapid Microwave Drying for Wet Green Body using Nanosized Particles. Journal of the Ceramic Society of Japan, 2007, 115, 440-442.	1.3	3
29	Dielectric Properties of Pb(Zr, Ti)O3-Dispersed MgO Nanocomposite. Japanese Journal of Applied Physics, 1998, 37, 3377-3381.	1.5	2
30	On Quartz in Amakusa Pottery Stone. Journal of the Ceramic Society of Japan, 1989, 97, 818-822.	1.3	1
31	Quartz in Pottery Stones from Various Localities and Its Cristobalitization. Journal of the Ceramic Society of Japan, 1990, 98, 1139-1145.	1.3	1
32	Development of an Efficient of Microwave Sintering Process. Advances in Science and Technology, 2006, 45, 602.	0.2	1
33	Effect of Lanthanum Oxide Addition on Dielectric Loss and Microstructure of AlN Ceramics. Key Engineering Materials, 2006, 320, 197-200.	0.4	1
34	Drying Dinetics of Slip Cast Body by Microwave Heating. , 2009, , 47-54.		1
35	Nanocomposite Derived from Coreâ€“Shell Nanoparticles via Creep Deformation of an Amorphous Silica Layer Below its Glass Transition Temperature. Journal of the American Ceramic Society, 2013, 96, 429-435.	3.8	1
36	Preparation of highly dispersed core–shell α′′-Fe₁₆N₂/SiO₂ particles using hydroxyapatite as a sintering prevention layer. Journal of the Ceramic Society of Japan, 2017, 125, 565-568.	1.1	1

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37	Ceramic Nanocomposites with Perovskite-Type Ferroelectric Dispersoid. Key Engineering Materials, 1999, 161-163, 509-512.	0.4	0
38	Microstructure and Characteristic of Alumina with Addition of Small Amount of YAG. Key Engineering Materials, 1999, 161-163, 165-168.	0.4	0
39	â€œDrying Behavior of a Slip Cast Body Using a Microwave Heatingâ€• Journal of the American Ceramic Society, 2010, 93, 2107-2107.	3.8	0
40	Microstructural features in sialon/SiCpl composites observed by TEM. , 1994, , 911-914.		0