

Doh-Yeon Kim

List of Publications by Year in descending order

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137
papers

4,200
citations

66315

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143943

57
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139
all docs

139
docs citations

139
times ranked

2727
citing authors

#	ARTICLE	IF	CITATIONS
1	Directed evolution of $\hat{\pm}$ -grains in thin metastable-Al ₂ O ₃ films deposited on Si(100) after post-deposition annealing. <i>Thin Solid Films</i> , 2010, 518, 4304-4311.	0.8	7
2	Polarity engineering in polycrystalline ZnO by inversion boundaries. <i>Applied Physics Letters</i> , 2009, 94, 252108.	1.5	3
3	Grain-Boundary Conduction in Gadolinia-Doped Ceria: The Effect of SrO Addition. <i>Journal of the Electrochemical Society</i> , 2009, 156, B339.	1.3	33
4	Equilibrium shape of nickel crystal. <i>Philosophical Magazine</i> , 2009, 89, 2989-2999.	0.7	16
5	Growth mechanism of In(OH) ₃ nanocubes during hydrothermal reaction. <i>Journal of Crystal Growth</i> , 2008, 310, 3896-3900.	0.7	5
6	Effect of CaO concentration on enhancement of grain-boundary conduction in gadolinia-doped ceria. <i>Journal of Power Sources</i> , 2008, 183, 518-523.	4.0	61
7	Microstructural evolution and dielectric properties of Cu-deficient and Cu-excess CaCu ₃ Ti ₄ O ₁₂ ceramics. <i>Materials Research Bulletin</i> , 2008, 43, 284-291.	2.7	48
8	Effects of Zr/Ti ratio and post-annealing temperature on the electrical properties of lead zirconate titanate (PZT) thick films fabricated by aerosol deposition. <i>Journal of Materials Research</i> , 2008, 23, 226-235.	1.2	22
9	Fabrication of Lead Zirconate Titanate Thick Films Using a Powder Containing Organic Residue. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 5545.	0.8	20
10	Role of elastic anisotropy in evolution of microstructure and texture in orthorhombic YBa ₂ Cu ₃ O ₇ $\hat{\sim}$ thin film deposits. <i>Journal of Applied Physics</i> , 2008, 104, 013511.	1.1	1
11	Effects of grain size on the dielectric properties of Pb(Mg _{1/3} Nb _{2/3})O ₃ -30 $\hat{\sim}$ mol $\hat{\sim}$ %,PbTiO ₃ ceramics. <i>Journal of Applied Physics</i> , 2007, 102, 074116.	1.1	18
12	Mitigation of Highly Resistive Grain-Boundary Phase in Gadolinia-Doped Ceria by the Addition of SrO. <i>Electrochemical and Solid-State Letters</i> , 2007, 10, B91.	2.2	29
13	Enhancement of grain-boundary conduction in gadolinia-doped ceria by the scavenging of highly resistive siliceous phase. <i>Acta Materialia</i> , 2007, 55, 4807-4815.	3.8	74
14	Microstructural evolution and dielectric properties of SiO ₂ -doped CaCu ₃ Ti ₄ O ₁₂ ceramics. <i>Journal of the European Ceramic Society</i> , 2007, 27, 3991-3995.	2.8	45
15	Characterization of pyramidal inversion boundaries in Sb ₂ O ₃ -doped ZnO by using electron back-scattered diffraction (EBSD). <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2007, 63, 229-233.	0.3	2
16	Reply to the Comment on "Effect of Interface Structure on the Microstructural Evolution of Ceramics". <i>Journal of the American Ceramic Society</i> , 2007, 90, 2293-2295.	1.9	4
17	Electric and Dielectric Properties of Nb-Doped CaCu ₃ Ti ₄ O ₁₂ Ceramics. <i>Journal of the American Ceramic Society</i> , 2007, 90, 2118-2121.	1.9	67
18	Improvement of Grain-Boundary Conduction in Gadolinia-Doped Ceria by the Addition of CaO. <i>Electrochemical and Solid-State Letters</i> , 2006, 9, A399.	2.2	30

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19	Mechanical and Fretting Wear Behavior of Novel (W,Ti)C-Co cermets. Journal of the American Ceramic Society, 2006, 89, 1639-1651.	1.9	9
20	Abnormal Grain Growth of Lead Zirconium Titanate (PZT) Ceramics Induced by the Penetration Twin. Journal of the American Ceramic Society, 2006, 89, 1530-1533.	1.9	8
21	Microstructure and Properties of Spark Plasma-Sintered ZrO ₂ -ZrB ₂ Nanoceramic Composites. Journal of the American Ceramic Society, 2006, 89, 2405-2412.	1.9	53
22	Effect of Interface Structure on the Microstructural Evolution of Ceramics. Journal of the American Ceramic Society, 2006, 89, 2369-2380.	1.9	132
23	Densification and properties of transition metal borides-based cermets via spark plasma sintering. Journal of the European Ceramic Society, 2006, 26, 2431-2440.	2.8	89
24	Application of spark plasma sintering for growing dense Pb(Mg _{1/3} Nb _{2/3})O ₃ -35 mol% PbTiO ₃ single crystal by solid-state crystal growth. Journal of Electroceramics, 2006, 17, 509-513.	0.8	10
25	Spontaneous generation of negatively charged clusters and their deposition as crystalline films during hot-wire silicon chemical vapor deposition. Pure and Applied Chemistry, 2006, 78, 1715-1722.	0.9	25
26	Analysis of the etching behavior of ZnO ceramics. Acta Materialia, 2005, 53, 4185-4188.	3.8	45
27	Effect of SiO ₂ and TiO ₂ Addition on the Morphology of Abnormally Grown Large Pb(Mg _{1/3} Nb _{2/3})O ₃ -35 mol% PbTiO ₃ Grains. Journal of the American Ceramic Society, 2005, 88, 1992-1994.	1.9	7
28	Local Conductivity of Nitrogen-Graded Zirconia. Journal of the American Ceramic Society, 2005, 88, 3067-3074.	1.9	18
29	Enhanced densification of pure SnO ₂ by spark plasma sintering. Journal of Materials Science, 2005, 40, 3825-3827.	1.7	17
30	Effect of external electric field on the grain growth of barium titanate in N ₂ atmosphere. Journal of Materials Science: Materials in Electronics, 2005, 16, 749-752.	1.1	5
31	Growth process of the ridge-trough faces of a twinned crystal. Acta Crystallographica Section A: Foundations and Advances, 2005, 61, 405-410.	0.3	22
32	Effect of external electric field on the microstructural evolution of La ₂ O ₃ -doped BaTiO ₃ ceramics. International Journal of Materials Research, 2005, 96, 167-171.	0.8	0
33	Effect of substrate materials in the low-pressure synthesis of diamond: approach by theory of charged clusters. International Journal of Materials Research, 2005, 96, 225-232.	0.8	9
34	Microstructural evidence of abnormal grain growth by solid-state wetting in Fe-3%Si steel. Journal of Applied Physics, 2004, 95, 5515-5521.	1.1	64
35	Conventional and Microcontact Impedance Studies of Mn-Zn Ferrite Ceramics. Journal of Materials Research, 2004, 19, 864-871.	1.2	6
36	Coarsening Process of Penetration-Twinned Grains in PMN-35 mol% PT Ceramics. Journal of the American Ceramic Society, 2004, 87, 125-128.	1.9	10

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37	Development of WC-ZrO ₂ Nanocomposites by Spark Plasma Sintering. Journal of the American Ceramic Society, 2004, 87, 317-319.	1.9	59
38	Effect of External Electric Field on the Grain Growth Behavior of Barium Titanate. Journal of the American Ceramic Society, 2004, 87, 1747-1752.	1.9	16
39	Development of Nanocrystalline Wear-Resistant Y-TZP Ceramics. Journal of the American Ceramic Society, 2004, 87, 1771-1774.	1.9	52
40	Abnormal Grain Growth Occurring at the Surface of a Sintered BaTiO ₃ Specimen. Journal of the American Ceramic Society, 2004, 87, 1779-1781.	1.9	16
41	Spatial distribution of resistive intergranular phase in stabilized zirconia estimated by millicontact impedance spectroscopy. Journal of the European Ceramic Society, 2004, 24, 1129-1133.	2.8	3
42	Impedance spectroscopic estimation of intergranular-phase distribution in CaO _{1/2} SiO ₂ - or SiO ₂ -in-diffused 8 mol% yttria-stabilized zirconia. Solid State Ionics, 2004, 175, 123-127.	1.3	6
43	Charged clusters in thin film growth. International Materials Reviews, 2004, 49, 171-190.	9.4	68
44	Geometry and Electrical Properties of Grain Boundaries in Manganese Zinc Ferrite Ceramics. Journal of the American Ceramic Society, 2004, 87, 1895-1902.	1.9	10
45	Preparation of nanostructured TiO ₂ ceramics by spark plasma sintering. Materials Research Bulletin, 2003, 38, 925-930.	2.7	78
46	Growth morphology of perfect and twinned face-centered-cubic crystals by Monte Carlo simulation. Journal of Crystal Growth, 2003, 250, 538-545.	0.7	10
47	Liquid-phase redistribution during sintering of 8 mol% yttria-stabilized zirconia. Journal of the European Ceramic Society, 2003, 23, 499-503.	2.8	14
48	Temperature dependence of the coarsening behavior of (Ba, Sr)TiO ₃ grains dispersed in a SiO ₂ -rich liquid matrix. Journal of the European Ceramic Society, 2003, 23, 1565-1569.	2.8	12
49	Effect of Titania and Lithia Doping on the Boundary Migration of Alumina under an Electric Field. Journal of the American Ceramic Society, 2003, 86, 347-350.	1.9	12
50	Effect of the Liquid-Phase Characteristic on the Microstructures and Dielectric Properties of Donor (Niobium) and Acceptor (Magnesium) Doped Barium Titanate. Journal of the American Ceramic Society, 2003, 86, 88-92.	1.9	59
51	Role of Vanadium Carbide Additive during Sintering of WC-Co: Mechanism of Grain Growth Inhibition. Journal of the American Ceramic Society, 2003, 86, 152-154.	1.9	81
52	Alternative Explanation for the Role of Magnesia in the Sintering of Alumina Containing Small Amounts of a Liquid Phase. Journal of the American Ceramic Society, 2003, 86, 634-39.	1.9	21
53	Effect of Titania and Lithia Doping on the Boundary Migration of Alumina under an Electric Field. Journal of the American Ceramic Society, 2003, 86, 640-43.	1.9	12
54	Crystallographic Orientation-Dependent Dissolution Behavior of Sapphire in Anorthite Liquid Containing Chromia. Journal of the American Ceramic Society, 2003, 86, 1014-1018.	1.9	2

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55	Effect of the Liquid-Forming Additive Content on the Kinetics of Abnormal Grain Growth in Alumina. Journal of the American Ceramic Society, 2003, 86, 1421-1423.	1.9	54
56	Effect of Alumina Addition on the Distribution of Intergranular-Liquid Phase during Sintering of 15 mol% Calcia-Stabilized Zirconia. Journal of the American Ceramic Society, 2003, 86, 1518-1521.	1.9	15
57	Preparation of Dense MgB ₂ Bulk Superconductors by Spark Plasma Sintering. Journal of the American Ceramic Society, 2003, 86, 1800-1802.	1.9	38
58	Fabrication of Dense Nanostructured Silicon Carbide Ceramics through Two-Step Sintering. Journal of the American Ceramic Society, 2003, 86, 1803-1805.	1.9	141
59	Characteristics of Liquid Penetration into Undoped and Magnesia-Doped Alumina. Journal of the American Ceramic Society, 2003, 86, 2206-2208.	1.9	0
60	Improvement of Grain-Boundary Conduction in 15 mol % Calcia-Stabilized Zirconia by Postsintering Heat-Treatment. Journal of the Electrochemical Society, 2003, 150, J49.	1.3	14
61	Precursor Scavenging of Resistive Grain-Boundary Phase in 8 mol % Ytterbia-Stabilized Zirconia. Journal of the Electrochemical Society, 2002, 149, J35.	1.3	10
62	Effect of anorthite liquid on the abnormal grain growth of alumina. Journal of the European Ceramic Society, 2002, 22, 317-321.	2.8	47
63	Ostwald ripening kinetics of angular grains dispersed in a liquid phase by two-dimensional nucleation and abnormal grain growth. Journal of the European Ceramic Society, 2002, 22, 603-612.	2.8	91
64	Inhomogeneity of Grain-Boundary Resistivity in Calcia-Stabilized Zirconia. Journal of the American Ceramic Society, 2002, 85, 1622-1624.	1.9	15
65	Effect of Grain Coalescence on the Abnormal Grain Growth of Pb(Mg _{1/3} Nb _{2/3})O ₃ 35 mol% PbTiO ₃ Ceramics. Journal of the American Ceramic Society, 2002, 85, 965-968.	1.9	24
66	Equilibrium Shape of Internal Cavities in Ruby and the Effect of Surface Energy Anisotropy on the Equilibrium Shape. Journal of the American Ceramic Society, 2002, 85, 1841-1844.	1.9	18
67	Abnormal Grain Growth of Pb(Mg _{1/3} Nb _{2/3})O ₃ 35 mol% PbTiO ₃ Ceramics Induced by the Penetration Twin. Journal of the American Ceramic Society, 2002, 85, 3076-3080.	1.9	9
68	Core-Shell Structure of Acceptor-Rich, Coarse Barium Titanate Grains. Journal of the American Ceramic Society, 2002, 85, 3111-3113.	1.9	46
69	Effect of Twin-Plane Reentrant Edge on the Coarsening Behavior of Barium Titanate Grains. Journal of the American Ceramic Society, 2002, 85, 977-980.	1.9	21
70	Morphology and Phase Stability of Nitrogen-Partially Stabilized Zirconia (N-PSZ). Journal of the American Ceramic Society, 2001, 84, 172-178.	1.9	22
71	Discontinuous Dissolution of a Liquid Phase in Ba(Ni _{1/3} Nb _{2/3})O ₃ Ceramics. Journal of the American Ceramic Society, 2001, 84, 218-220.	1.9	5
72	Interactions and Chemistry of Defects at the Grain Boundaries of Ceramics. Journal of the American Ceramic Society, 2001, 84, 539-550.	1.9	16

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73	Positive Temperature Coefficient of Resistance Effect in Heavily Niobium-Doped Barium Titanate by the Growth of the Double-Twinned Seeds. <i>Journal of the American Ceramic Society</i> , 2001, 84, 2707-2709.	1.9	10
74	Scavenging of Siliceous Grain-Boundary Phase of 8-mol%-Ytterbia-Stabilized Zirconia without Additive. <i>Journal of the American Ceramic Society</i> , 2001, 84, 2734-2736.	1.9	10
75	Effect of Seed Addition on the Microstructural Evolution of Silicon Nitride Ceramics. <i>Journal of the American Ceramic Society</i> , 2001, 84, 3040-3042.	1.9	9
76	Preparation of Dense Lead Magnesium Niobate-Lead Titanate ($\text{Pb}_{1/3}\text{Nb}_{2/3}\text{O}_3\text{-PbTiO}_3$) Ceramics by Spark Plasma Sintering. <i>Journal of the American Ceramic Society</i> , 2001, 84, 3057-3059.	1.9	27
77	Effect of excess BaO and Nb ₂ O ₅ on the grain coarsening of Ba(Ni _{1/3} Nb _{2/3})O ₃ ceramics. <i>Scripta Materialia</i> , 2001, 44, 195-199.	2.6	3
78	Space-charge concepts on grain boundary impedance of a high-purity yttria-stabilized tetragonal zirconia polycrystal. <i>Journal of Materials Research</i> , 2001, 16, 2739-2751.	1.2	60
79	Precursor scavenging of the resistive grain-boundary phase in 8 mol% yttria-stabilized zirconia: Effect of trace concentrations of SiO ₂ . <i>Journal of Materials Research</i> , 2001, 16, 2377-2383.	1.2	9
80	Effect of Surface Impurities on the Microstructure Development during Sintering of Alumina. <i>Journal of the American Ceramic Society</i> , 2001, 84, 1386-1388.	1.9	19
81	Pore-Boundary Separation Behavior during Sintering of Pure and Bi ₂ O ₃ -Doped ZnO Ceramics. <i>Journal of the American Ceramic Society</i> , 2001, 84, 1398-1400.	1.9	21
82	Effect of Liquid Content on the Abnormal Grain Growth of Alumina. <i>Journal of the American Ceramic Society</i> , 2001, 84, 1597-1600.	1.9	65
83	Effect of coalescence on the grain coarsening during liquid-phase sintering of Ta-Ti-Ni cermets. <i>Acta Materialia</i> , 2000, 48, 3125-3129.	3.8	55
84	Effect of sintering temperature on the secondary abnormal grain growth of BaTiO ₃ . <i>Journal of the European Ceramic Society</i> , 2000, 20, 731-737.	2.8	52
85	Effect of initial particle size on microstructure of liquid-phase sintered β -silicon carbide. <i>Journal of the European Ceramic Society</i> , 2000, 20, 945-949.	2.8	48
86	Electrical and microstructural characterization on nitrogen-stabilized zirconia. <i>Solid State Ionics</i> , 2000, 136-137, 39-44.	1.3	18
87	Stabilization and Memory of the Domain Structures in Barium Titanate Ceramics: Microstructural Observation. <i>Journal of the American Ceramic Society</i> , 2000, 83, 1495-1498.	1.9	7
88	Shape Dependence of the Coarsening Behavior of Niobium Carbide Grains Dispersed in a Liquid Iron Matrix. <i>Journal of the American Ceramic Society</i> , 2000, 83, 3117-3120.	1.9	60
89	Temperature Dependence of the Coarsening Behavior of Barium Titanate Grains. <i>Journal of the American Ceramic Society</i> , 2000, 83, 3202-3204.	1.9	17
90	Effect of temperature on the shape and coarsening behavior of BaTiO ₃ grains dispersed in a SiO ₂ -rich liquid matrix. <i>Materials Letters</i> , 2000, 45, 43-46.	1.3	16

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91	Fabrication of BaTiO ₃ single crystals using secondary abnormal grain growth. Journal of the European Ceramic Society, 2000, 20, 1595-1597.	2.8	41
92	Effect of \hat{I}^{\pm} -Si ₃ N ₄ initial powder size on the microstructural evolution and phase transformation during sintering of Si ₃ N ₄ ceramics. Journal of the European Ceramic Society, 2000, 20, 1787-1794.	2.8	18
93	Growth of BaTiO ₃ Seed Grains by the Twin-Plane Reentrant Edge Mechanism. Journal of the American Ceramic Society, 2000, 83, 385-390.	1.9	63
94	Effect of Electric Field on the Migration of Grain Boundaries in Alumina. Journal of the American Ceramic Society, 2000, 83, 915-918.	1.9	47
95	Coarsening Behavior of Tricalcium Silicate (C ₃ S) and Dicalcium Silicate (C ₂ S) Grains Dispersed in a Clinker Melt. Journal of the American Ceramic Society, 2000, 83, 1247-1252.	1.9	40
96	Anisotropic Abnormal Grain Growth in TiO ₂ /SiO ₂ -Doped Alumina. Journal of the American Ceramic Society, 2000, 83, 2809-2812.	1.9	77
97	Surface Nitridation of Yttria-Doped Tetragonal Zirconia Polycrystals (Y-TZP): Microstructural Evolution and Kinetics. Journal of the American Ceramic Society, 1999, 82, 3193-3199.	1.9	25
98	Determination of three-dimensional grain size distribution by linear intercept measurement. Acta Materialia, 1998, 46, 2021-2028.	3.8	85
99	Fabrication of dense ZnO-varistors by atmosphere sintering. Journal of the European Ceramic Society, 1998, 18, 765-770.	2.8	16
100	Enhanced Densification of In ₂ O ₃ Ceramics by Presintering with Low Pressure (5 MPa). Journal of the American Ceramic Society, 1998, 81, 2489-2492.	1.9	21
101	Effect of heating rate on the exaggerated grain growth behavior of \hat{I}^2 -Si ₃ N ₄ . Materials Letters, 1997, 32, 115-120.	1.3	24
102	Equilibrium Shape of Internal Cavities in Sapphire. Journal of the American Ceramic Society, 1997, 80, 62-68.	1.9	137
103	Effect of SiO ₂ and TiO ₂ addition on the exaggerated grain growth of BaTiO ₃ . Journal of the European Ceramic Society, 1997, 17, 805-811.	2.8	66
104	Fabrication of BaTiO ₃ single crystals by using the exaggerated grain growth method. Journal of the European Ceramic Society, 1997, 17, 1725-1727.	2.8	49
105	Microstructure and Phase Stability of Yttria-Doped Tetragonal Zirconia Polycrystals Heat Treated in Nitrogen Atmosphere. Journal of the American Ceramic Society, 1997, 80, 2607-2612.	1.9	42
106	Variation of contact angles with temperature and time in the Al-Al ₂ O ₃ system. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 1996, 27, 51-55.	1.0	34
107	Diffusion induced recrystallization of TiC. Acta Materialia, 1996, 44, 1793-1799.	3.8	11
108	Effect of Cr ₃ C ₂ Addition on the Sintering of SiC-TiC Composite. Journal of the American Ceramic Society, 1996, 79, 3305-3308.	1.9	14

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109	Effect of Sintering Atmosphere on the Densification and Abnormal Grain Growth of ZnO. Journal of the American Ceramic Society, 1996, 79, 565-567.	1.9	15
110	Effect of Grain Size on Diffusion-Induced Grain-Boundary Migration in Ba(Zn _{1/3} Nb _{2/3})O ₃ Ceramics. Journal of the American Ceramic Society, 1996, 79, 1405-1408.	1.9	13
111	Generation of Cracklike Voids during Sintering of Al ₂ O ₃ -10ZrO ₂ Ceramics and Their Prevention by Presintering with Low Pressure (2 MPa). Journal of the American Ceramic Society, 1996, 79, 1723-1725.	1.9	12
112	Sintering of Al ₂ O ₃ -TiC Composite in the Presence of Liquid Phase. Journal of the American Ceramic Society, 1995, 78, 257-259.	1.9	18
113	Shrinkage of Large Isolated Pores during Hot Isostatic Pressing of Presintered Alumina Ceramics. Journal of the American Ceramic Society, 1995, 78, 2537-2540.	1.9	20
114	Fabrication of low-voltage ZnO varistors by a two-step process. Journal of the European Ceramic Society, 1995, 15, 371-375.	2.8	9
115	Analysis of the proportionality constant correlating the mean intercept length to the average grain size. Acta Metallurgica Et Materialia, 1995, 43, 3185-3188.	1.9	79
116	Evaluation of Whisker Alignment in Axisymmetric SiCw-Reinforced Al ₂ O ₃ Composite Material. Journal of the American Ceramic Society, 1994, 77, 2828-2832.	1.9	7
117	Stability and Surface Energies of Wetted Grain Boundaries in Aluminum Oxide. Journal of the American Ceramic Society, 1994, 77, 444-453.	1.9	81
118	Effect of external compressive stress on the domain configuration of barium titanate ceramics. Journal of the European Ceramic Society, 1993, 12, 147-151.	2.8	21
119	Elimination of Large Artificial Pores During the Hot Isostatic Pressing of Presintered Alumina. Journal of the American Ceramic Society, 1993, 76, 880-884.	1.9	10
120	Effect of Y ₂ O ₃ Additions on the Densification of an Al ₂ O ₃ -TiC Composite. Journal of the American Ceramic Society, 1993, 76, 1857-1860.	1.9	44
121	Microstructural Evolution during the Sintering of TiC-Mo-Ni Cermets. Journal of the American Ceramic Society, 1993, 76, 2049-2052.	1.9	63
122	Grain Boundary Migration in Cubic Zirconia-Yttria Induced by Addition of Magnesia at Varying Concentrations. Journal of the American Ceramic Society, 1992, 75, 2659-2664.	1.9	13
123	Chemically induced instability at interfaces of cubic ZrO ₂ -Y ₂ O ₃ grains in a liquid matrix. Acta Metallurgica Et Materialia, 1991, 39, 1275-1279.	1.9	21
124	Discontinuous Coarsening of Tetragonal Precipitates in Partially Stabilized Zirconia Induced by Diffusional Coherency Strain under Applied Stress. Journal of the American Ceramic Society, 1990, 73, 3658-3662.	1.9	6
125	Effect of Grain Size and Poling on the Fracture Mode of Lead Zirconate Titanate Ceramics. Journal of the American Ceramic Society, 1990, 73, 161-163.	1.9	45
126	Microstructural Evolution During the Infiltration Treatment of Titanium Carbide-Iron Composite. Journal of the American Ceramic Society, 1990, 73, 1979-1982.	1.9	50

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127	Migration of Intergranular Boundaries in Cubic Zirconia-Yttria Induced by Magnesia Addition. Journal of the American Ceramic Society, 1990, 73, 2063-2067.	1.9	15
128	Effect of Excess PbO on the Densification of PLZT Ceramics. Journal of the American Ceramic Society, 1989, 72, 833-836.	1.9	54
129	Effects of Material Transfer by Liquid and Vapor on the Microstructure of Sintered Y-Ba-Cu-O Superconductors. Journal of the American Ceramic Society, 1989, 72, 1516-1519.	1.9	4
130	Change in the Fracture Mode of PLZT Ceramics by Chemically Induced Grain-Boundary Migration. Journal of the American Ceramic Society, 1988, 71, C-228-C-229.	1.9	4
131	Effect of Grain Growth on Pore Coalescence During the Liquid-Phase Sintering of MgO-CaMgSiO ₄ Systems. Journal of the American Ceramic Society, 1988, 71, 854-857.	1.9	47
132	Effect of pretreatment sintering temperature on the densification of Al ₂ O ₃ and Al ₂ O ₃ -ZrO ₂ ceramics by sinter plus HIP. Ceramics International, 1988, 14, 191-194.	2.3	4
133	Effect of Sintering Atmosphere on Isolated Pores During the Liquid-Phase Sintering of MgO-CaMgSiO ₄ . Journal of the American Ceramic Society, 1987, 70, 734-737.	1.9	44
134	Effect of Sintering Temperature on the Densification of Al ₂ O ₃ . Journal of the American Ceramic Society, 1987, 70, C-69-C-70.	1.9	22
135	Effect of Heating Rate on the Microstructural Evolution During Sintering of BaTiO ₃ Ceramics. Journal of the American Ceramic Society, 1987, 70, C-322-C-324.	1.9	16
136	Complete precipitation of PLZT oxalate by ammonia addition. Ceramics International, 1986, 12, 179-180.	2.3	10
137	Preparation of PLZT Ceramics by Oxalate Method in Ethanol Solution. Japanese Journal of Applied Physics, 1985, 24, 439.	0.8	5