

Gary L Messing

List of Publications by Year in descending order

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136
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47409

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137
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times ranked

4593
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between composition and electromechanical properties of CuO-doped textured PYN-PMN-PT ceramics. Journal of the European Ceramic Society, 2021, 41, 1230-1235.	2.8	9
2	Direct writing of textured ceramics using anisotropic nozzles. Journal of the European Ceramic Society, 2021, 41, 1945-1953.	2.8	15
3	Textured Mn-doped PIN-PMN-PT Ceramics: Harnessing Intrinsic Piezoelectricity for High-power Transducer Applications. Journal of the European Ceramic Society, 2021, 41, 1270-1279.	2.8	33
4	Additive manufacturing of textured ceramics: A review. Journal of Materials Research, 2021, 36, 3591-3606.	1.2	9
5	Design of damage tolerant and crack-free layered ceramics with textured microstructure. Journal of the European Ceramic Society, 2020, 40, 427-435.	2.8	23
6	Dispersion and rheology for direct writing lead-based piezoelectric ceramic pastes with anisotropic template particles. Journal of the American Ceramic Society, 2020, 103, 6157-6168.	1.9	13
7	Processing and electromechanical properties of high-coercive field ZnO-doped PIN-PZN-PT ceramics. Journal of the American Ceramic Society, 2020, 103, 4794-4802.	1.9	0
8	Mn- and Mn/Cu-doped PIN-PMN-PT piezoelectric ceramics for high-power transducers. Journal of the American Ceramic Society, 2020, 103, 6319-6329.	1.9	20
9	Templated grain growth of high coercive field CuO-doped textured PYN-PMN-PT ceramics. Journal of the American Ceramic Society, 2020, 103, 6149-6156.	1.9	13
10	Densification and properties of oxygen sintered CuO-doped PIN-PMN-PT ceramics. Journal of the European Ceramic Society, 2020, 40, 3956-3964.	2.8	17
11	Low temperature reactive sintering of CuO-doped PIN-PMN-PT ceramics. Journal of the European Ceramic Society, 2019, 39, 4719-4726.	2.8	13
12	Electric field induced splitting of the preferred orientation in PMN-PT textured ceramics. Journal of the American Ceramic Society, 2019, 102, 5038-5044.	1.9	4
13	Zn-activated formation of phase pure perovskite $\text{Pb}(\text{In}^{1/2}\text{Nb}^{1/2})\text{O}_3 \cdot \text{Pb}(\text{Zn}^{1/3}\text{Nb}^{2/3})\text{O}_3 \cdot \text{PbTiO}_3$ powder. Journal of the American Ceramic Society, 2019, 102, 3932-3939.	1.9	1
14	Tailoring particle alignment and grain orientation during tape casting and templated grain growth. Journal of the American Ceramic Society, 2019, 102, 2405-2414.	1.9	18
15	Powder chemistry effects on the sintering of MgO-doped specialty Al_2O_3 . Journal of the American Ceramic Society, 2018, 101, 2739-2751.	1.9	4
16	The role of ceramic and glass science research in meeting societal challenges: Report from an NSF-sponsored workshop. Journal of the American Ceramic Society, 2017, 100, 1777-1803.	1.9	23
17	Enhanced texture evolution and piezoelectric properties in CuO-doped $\text{Pb}(\text{In}^{1/2}\text{Nb}^{1/2})\text{O}_3\text{-Pb}(\text{Mg}^{1/3}\text{Nb}^{2/3})\text{O}_3\text{-PbTiO}_3$ grain-oriented ceramics. Applied Physics Letters, 2017, 111, .	1.5	52
18	Texture-engineered ceramics—Property enhancements through crystallographic tailoring. Journal of Materials Research, 2017, 32, 3219-3241.	1.2	110

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19	Pb ²⁺ -stabilized Ruddlesden-Popper (Sr ^{1-x} Pbx) ₃ Ti ₂ O ₇ ceramics. Journal of Materials Research, 2016, 31, 1456-1465.	1.2	2
20	Direct foaming and seeding of highly porous, lightweight gypsum. Journal of Materials Research, 2016, 31, 2244-2251.	1.2	15
21	Formation mechanism of highly [0 0 1] c textured Pb(In ^{1/2} Nb ^{1/2}) ₃ O ₃ -Pb(Mg ^{1/3} Nb ^{2/3}) ₃ O ₃ -PbTiO ₃ relaxor ferroelectric ceramics with giant piezoelectricity. Journal of the European Ceramic Society, 2016, 36, 1973-1981.	2.8	58
22	Cold Sintering: A Paradigm Shift for Processing and Integration of Ceramics. Angewandte Chemie - International Edition, 2016, 55, 11457-11461.	7.2	335
23	Cold Sintering: A Paradigm Shift for Processing and Integration of Ceramics. Angewandte Chemie, 2016, 128, 11629-11633.	1.6	61
24	The Effects of Na ₂ O and SiO ₂ on Liquid Phase Sintering of Bayer Al ₂ O ₃ . Journal of the American Ceramic Society, 2016, 99, 2267-2272.	1.9	13
25	Enhanced electromechanical properties and phase transition temperatures in [001] textured Pb(In ^{1/2} Nb ^{1/2}) ₃ O ₃ -Pb(Mg ^{1/3} Nb ^{2/3}) ₃ O ₃ -PbTiO ₃ ternary ceramics. Applied Physics Letters, 2015, 107, .	1.5	67
26	Design of alumina-zirconia composites with spatially tailored strength and toughness. Journal of the European Ceramic Society, 2015, 35, 631-640.	2.8	24
27	Texture analysis of thick bismuth ferrite lead titanate layers. , 2014, , .		1
28	Improved Fracture Behavior of Alumina Microstructural Composites with Highly Textured Compressive Layers. Journal of the American Ceramic Society, 2014, 97, 3643-3651.	1.9	29
29	Particle size effects on yttrium aluminum garnet (YAG) phase formation by solid-state reaction. Journal of Materials Research, 2014, 29, 2303-2311.	1.2	39
30	Templated Grain Growth in Macroporous Materials. Journal of the American Ceramic Society, 2014, 97, 1736-1742.	1.9	47
31	Texture analysis of thick bismuth ferrite lead titanate layers. , 2014, , .		0
32	Fabrication of Highly Textured Fine-Grained Alumina by Templated Grain Growth of Nanoscale Precursors. Journal of the American Ceramic Society, 2013, 96, 1390-1397.	1.9	30
33	Fracture Behavior of Layered Alumina Microstructural Composites with Highly Textured Layers. Journal of the American Ceramic Society, 2013, 96, 1577-1585.	1.9	30
34	Low-field dynamic magnetic alignment and templated grain growth of diamagnetic PMN-PT ceramics. Journal of Materials Research, 2013, 28, 2960-2969.	1.2	9
35	Fabrication and properties of radially ~ 001 textured PMN-PT cylinders for transducer applications. Journal of Applied Physics, 2012, 112, .	1.1	9
36	Synchrotron texture analysis of thick BiFeO ₃ -PbTiO ₃ layers synthesised by tape casting using Aurivillius and non-Aurivillius templates. , 2012, , .		2

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37	Aging associated domain evolution in the orthorhombic phase of $\text{K}0.5\text{Na}0.5\text{Nb}0.97\text{Sb}0.03\text{O}3$ ceramics. Applied Physics Letters, 2012, 100, .	1.5	14
38	<i>In Situ</i> Observations of Templated Grain Growth in $(\text{Na}0.5\text{K}0.5\text{Li})\text{Pb}0.98\text{Pb}0.02\text{TiO}3$ Piezoceramics: Texture Development and Template-Matrix Interactions. Journal of the American Ceramic Society, 2012, 95, 2653-2659.	1.9	20
39	Low temperature, transient liquid phase sintering of $\text{B}2\text{O}3\text{-SiO}2$ -doped Nd:YAG transparent ceramics. Journal of Materials Research, 2011, 26, 1151-1158.	1.2	52
40	Processing, texture quality, and piezoelectric properties of $\text{Pb}(\text{Mg}1/3\text{Nb}2/3)\text{TiO}3$ - $\text{xPbTiO}3$ ceramics. Journal of Applied Physics, 2011, 110, .	1.1	60
41	Effect of $\text{SiO}2$ on Densification and Microstructure Development in Nd:YAG Transparent Ceramics. Journal of the American Ceramic Society, 2011, 94, 1380-1387.	1.9	130
42	Synthesis of High Aspect Ratio $\text{PbBi}4\text{Ti}4\text{O}15$ and Topochemical Conversion to $\text{PbTiO}3$ -Based Microplatelets. Journal of the American Ceramic Society, 2011, 94, 2323-2329.	1.9	21
43	Enhanced Electromechanical Properties and Temperature Stability of Textured $(\text{K}0.5\text{Na}0.5)\text{NbO}3$ -Based Piezoelectric Ceramics. Journal of the American Ceramic Society, 2011, 94, 2494-2498.	1.9	69
44	Color center formation in vacuum sintered $\text{Nd}3\text{xY}3\text{Al}5\text{O}12$ transparent ceramics. Applied Physics Letters, 2011, 98, 051906.	1.5	26
45	A critical evaluation of reactive templated grain growth (RTGG) mechanisms in highly [001] textured $\text{Sr}0.61\text{Ba}0.39\text{Nb}2\text{O}6$ ferroelectric-thermoelectrics. Journal of Materials Research, 2011, 26, 3044-3050.	1.2	14
46	Processing and mechanical response of highly textured $\text{Al}2\text{O}3$. Journal of the European Ceramic Society, 2010, 30, 2917-2925.	2.8	58
47	Thermomechanical Behavior of Ceramic Green Bodies During Presintering. Journal of the American Ceramic Society, 2010, 93, 2611-2616.	1.9	4
48	First-Principles Thermochemistry and Thermodynamic Modeling of the $\text{Al}2\text{O}3\text{-Nd}2\text{O}3\text{-SiO}2\text{-Y}2\text{O}3$ Pseudoquaternary System. Journal of the American Ceramic Society, 2010, 93, 4158-4167.	1.9	12
49	Microstructure development and piezoelectric properties of highly textured CuO -doped KNN by templated grain growth. Journal of Materials Research, 2010, 25, 687-694.	1.2	60
50	Co-casting and optical characteristics of transparent segmented composite Er:YAG laser ceramics. Journal of Materials Research, 2010, 25, 476-483.	1.2	58
51	$\text{K}0.5\text{Na}0.5(\text{Nb}0.97\text{Sb}0.03)\text{O}3$ piezoelectric ceramics with high electromechanical coupling over a broad temperature range. Applied Physics Letters, 2009, 95, .	1.5	117
52	Templated Grain Growth of PMN-PT Using $\text{SrTiO}3$ Templates. Journal of the American Ceramic Society, 2009, 92, S133.	1.9	45
53	Ceramic Processing Science. Journal of the American Ceramic Society, 2009, 92, S1.	1.9	0
54	Hot Isostatic Pressing of Transparent Nd:YAG Ceramics. Journal of the American Ceramic Society, 2009, 92, 1456-1463.	1.9	153

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55	Toward Pore-Free Ceramics. <i>Science</i> , 2008, 322, 383-384.	6.0	190
56	Sintering Arches for Cosintering Camber-Free SOFC Multilayers. <i>Journal of the American Ceramic Society</i> , 2008, 91, 421-427.	1.9	30
57	First-Principles Calculations and Thermodynamic Modeling of the Al ₂ O ₃ -Nd ₂ O ₃ System. <i>Journal of the American Ceramic Society</i> , 2008, 91, 3355-3361.	1.9	12
58	Texture Measurements in 001 > Fiber-Oriented PMN-PT. <i>Journal of the American Ceramic Society</i> , 2006, 89, 1965-1971.	1.9	46
59	Solid-State Reactive Sintering of Transparent Polycrystalline Nd:YAG Ceramics. <i>Journal of the American Ceramic Society</i> , 2006, 89, 1945-1950.	1.9	196
60	Constrained Sintering of Low-Temperature Co-Fired Ceramics. <i>Journal of the American Ceramic Society</i> , 2006, 89, 1923-1929.	1.9	68
61	Effect of Green Density on the Thermomechanical Properties of a Ceramic During Sintering. <i>Journal of the American Ceramic Society</i> , 2006, 89, 2448-2452.	1.9	17
62	Stresses and Distortion Due to Green Density Gradients During Densification. <i>Journal of the American Ceramic Society</i> , 2006, 89, 3027-3033.	1.9	33
63	High Strain, 001 > Textured 0.675Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.325PbTiO ₃ Ceramics: Templated Grain Growth and Piezoelectric Properties. <i>Journal of the American Ceramic Society</i> , 2005, 88, 312-317.	1.9	128
64	Densification and Sintering Viscosity of Low-Temperature Co-Fired Ceramics. <i>Journal of the American Ceramic Society</i> , 2005, 88, 2681-2689.	1.9	67
65	Measurement of Viscosity of Densifying Glass-Based Systems by Isothermal Cyclic Loading Dilatometry. <i>Journal of the American Ceramic Society</i> , 2004, 87, 192-196.	1.9	30
66	Processing and Electrical Properties of 0.5Pb(Yb _{1/2} Nb _{1/2})O ₃ -0.5PbTiO ₃ Ceramics. , 2003, 10, 47-55.		35
67	(Reactive) Templated Grain Growth of Textured Sodium Bismuth Titanate (Na _{1/2} Bi _{1/2} TiO ₃ -BaTiO ₃) Ceramicsâ€”I Processing. , 2003, 11, 207-215.		133
68	(Reactive) Templated Grain Growth of Textured Sodium Bismuth Titanate (Na _{1/2} Bi _{1/2} TiO ₃ -BaTiO ₃) Ceramicsâ€”II Dielectric and Piezoelectric Properties. , 2003, 11, 217-226.		149
69	Bending Creep Test to Measure the Viscosity of Porous Materials during Sintering. <i>Journal of the American Ceramic Society</i> , 2003, 86, 877-882.	1.9	44
70	Microwave Sintering of Alumina at 2.45 GHz. <i>Journal of the American Ceramic Society</i> , 2003, 86, 1307-1312.	1.9	183
71	Dielectric and piezoelectric properties of ~001~% fiber-textured 0.675Pb(Mg _{1/3} Nb _{2/3})O ₃ ~0.325PbTiO ₃ ceramics. <i>Journal of Applied Physics</i> , 2003, 93, 4072-4080.	1.1	143
72	Dielectric and piezoelectric properties of textured Sr_{0.53}Ba_{0.47}Nb₂O₆ ceramics prepared by templated grain growth. <i>Journal of Materials Research</i> , 2002, 17, 2399-2409.	1.2	45

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73	Preparation and Fracture Behavior of Alumina Platelet Reinforced Alumina-Monazite Composites. <i>Materials Transactions</i> , 2002, 43, 3262-3265.	0.4	4
74	Texturing of mullite by templated grain growth with aluminum borate whiskers. <i>Journal of the European Ceramic Society</i> , 2001, 21, 2495-2501.	2.8	25
75	Low-Temperature Reactive Sintering of 0.65PMN-0.35PT. <i>Journal of the American Ceramic Society</i> , 2001, 84, 648-650.	1.9	49
76	Seeding of the Reaction-Bonded Aluminum Oxide Process. <i>Journal of the American Ceramic Society</i> , 2001, 84, 657-659.	1.9	6
77	Kinetics of Templated Grain Growth of $0.65\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-}0.35\text{PbTiO}_3$. <i>Journal of the American Ceramic Society</i> , 2001, 84, 2507-2513.	1.9	91
78	Sintering of Mixtures of Seeded Boehmite and Ultrafine γ -Alumina. <i>Journal of the American Ceramic Society</i> , 2000, 83, 82-88.	1.9	35
79	Texture Development and Microstructure Evolution in Liquid-Phase-Sintered γ -Alumina Ceramics Prepared by Templated Grain Growth. <i>Journal of the American Ceramic Society</i> , 2000, 83, 3109-3116.	1.9	68
80	Modeling Anisotropic Single Crystal Growth Kinetics in Liquid Phase Sintered γ -Al ₂ O ₃ . <i>Journal of Materials Science</i> , 2000, 8, 257-267.	1.2	19
81	The Reaction-Bonded Aluminum Oxide Process: I, The Effect of Attrition Milling on the Solid-State Oxidation of Aluminum Powder. <i>Journal of the American Ceramic Society</i> , 2000, 83, 299-305.	1.9	24
82	The Reaction-Bonded Aluminum Oxide (RBAO) Process: II, The Solid-State Oxidation of RBAO Compacts. <i>Journal of the American Ceramic Society</i> , 2000, 83, 1845-1852.	1.9	5
83	Critical Factors in the Templated Grain Growth of Textured Reaction-Bonded Alumina. <i>Journal of the American Ceramic Society</i> , 2000, 83, 2041-2048.	1.9	88
84	Comparison of Texture Analysis Techniques for Highly Oriented γ -Al ₂ O ₃ . <i>Journal of the American Ceramic Society</i> , 2000, 83, 2049-2054.	1.9	52
85	Fabrication and Electrical Properties of Textured Sr _{0.53} Ba _{0.47} Nb ₂ O ₆ Ceramics by Templated Grain Growth. <i>Journal of the American Ceramic Society</i> , 2000, 83, 2203-2213.	1.9	149
86	Effect of phase separation in metal carboxylate gels on perovskite lead magnesium niobate crystallization. <i>Journal of Materials Research</i> , 1999, 14, 3921-3931.	1.2	12
87	Effect of Seeding and Water Vapor on the Nucleation and Growth of γ -Al ₂ O ₃ from β -Al ₂ O ₃ . <i>Journal of the American Ceramic Society</i> , 1999, 82, 825-832.	1.9	103
88	Seeding of Perovskite Lead Magnesium Niobate Crystallization from Pb-Mg-Nb-EDTA Gels. <i>Journal of the American Ceramic Society</i> , 1999, 82, 1659-1664.	1.9	23
89	Development of Textured Mullite by Templated Grain Growth. <i>Journal of the American Ceramic Society</i> , 1999, 82, 867-872.	1.9	82
90	Interfacial precipitation in titania-doped diphasic mullite gels. <i>Journal of Materials Research</i> , 1998, 13, 974-978.	1.2	5

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91	Liquid-Phase Sintering of Alumina Coated with Magnesium Aluminosilicate Glass. Journal of the American Ceramic Society, 1998, 81, 1163-1172.	1.9	33
92	Anisotropic Grain Growth in Diphasic-Gel-Derived Titania-Doped Mullite. Journal of the American Ceramic Society, 1998, 81, 1269-1277.	1.9	97
93	Grain Boundaries in Titania-Doped γ -Alumina with Anisotropic Microstructure. Journal of the American Ceramic Society, 1997, 80, 2814-2820.	1.9	33
94	Dry pressing boehmite gels for the fabrication of monolithic γ -Al ₂ O ₃ . Journal of Sol-Gel Science and Technology, 1997, 9, 53-64.	1.1	7
95	Determination of the Mechanical Response of Sintering Compacts by Cyclic Loading Dilatometry. Journal of the American Ceramic Society, 1997, 80, 445-452.	1.9	77
96	Kinetic Analysis of Combustion Synthesis of Lead Magnesium Niobate from Metal Carboxylate Gels. Journal of the American Ceramic Society, 1997, 80, 915-924.	1.9	50
97	Texture Development by Templated Grain Growth in Liquid-Phase-Sintered γ -Alumina. Journal of the American Ceramic Society, 1997, 80, 1181-1188.	1.9	275
98	Mullite Transformation Kinetics in P ₂ O ₅ , TiO ₂ , and B ₂ O ₃ -Doped Aluminosilicate Gels. Journal of the American Ceramic Society, 1997, 80, 1551-1559.	1.9	59
99	Constrained Densification of Alumina/Zirconia Hybrid Laminates, II: Viscoelastic Stress Computation. Journal of the American Ceramic Society, 1997, 80, 1940-1948.	1.9	112
100	Constrained Densification of Alumina/Zirconia Hybrid Laminates, I: Experimental Observations of Processing Defects. Journal of the American Ceramic Society, 1997, 80, 1929-1939.	1.9	207
101	Pressureless Co-Sintering of Al ₂ O ₃ /ZrO ₂ Multilayers and Bilayers. Materials Research Society Symposia Proceedings, 1996, 434, 93.	0.1	0
102	Submicrometer Transparent Alumina by Sinter Forging Seeded γ -Al ₂ O ₃ Powders. Journal of the American Ceramic Society, 1995, 78, 491-589.	1.9	44
103	Constitutive Model for Dry Cohesive Powders with Application to Powder Compaction. KONA Powder and Particle Journal, 1995, 13, 135-150.	0.9	4
104	Metal Organic Resin Derived Barium Titanate; II, Kinetics of BaTiO ₃ Formation. Journal of the American Ceramic Society, 1994, 77, 2940-2948.	1.9	37
105	Fabrication of Oriented SiC-Whisker-Reinforced Mullite Matrix Composites by Tape Casting. Journal of the American Ceramic Society, 1994, 77, 2586-2592.	1.9	61
106	Processing and Microstructure Development in Alumina-Silicon Carbide Intragranular Particulate Composites. Journal of the American Ceramic Society, 1994, 77, 2157-2164.	1.9	40
107	Metal Organic Resin Derived Barium Titanate: I, Formation of Barium Titanium Oxycarbonate Intermediate. Journal of the American Ceramic Society, 1993, 76, 617-624.	1.9	170
108	Transformation, Microstructure Development, and Densification in α -Fe ₂ O ₃ -Seeded Boehmite-Derived Alumina. Journal of the American Ceramic Society, 1993, 76, 214-222.	1.9	119

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109	Preparation of Unsupported Metal Organic and Ceramic Thin Film Specimens for TEM Observation. Journal of the American Ceramic Society, 1993, 76, 1882-1884.	1.9	4
110	Synthesis of Barium Titanate by a Basic pH Pechini Process. Materials Research Society Symposia Proceedings, 1992, 271, 95.	0.1	20
111	Synthesis of Ceramic Powders from Metal Alkoxides. Journal of the Ceramic Society of Japan, 1991, 99, 1036-1046.	1.3	25
112	Epitactic Nucleation of Spinel in Aluminosilicate Gels and Its Effect on Mullite Crystallization. Journal of the American Ceramic Society, 1991, 74, 2374-2381.	1.9	147
113	Hybrid Gels Designed for Mullite Nucleation and Crystallization Control. Materials Research Society Symposia Proceedings, 1990, 180, 515.	0.1	9
114	Synthesis of Solid, Spherical Zirconia Particles by Spray Pyrolysis. Journal of the American Ceramic Society, 1990, 73, 61-67.	1.9	181
115	Processing and Properties of Cellular Silica Synthesized by Foaming Sol-Gels. Journal of the American Ceramic Society, 1990, 73, 85-90.	1.9	74
116	SiC-Whisker-Reinforced Cellular SiO ₂ Composites. Journal of the American Ceramic Society, 1990, 73, 3497-3499.	1.9	21
117	Kinetic Analysis of Solution-Precipitation During Liquid-Phase Sintering of Alumina. Journal of the American Ceramic Society, 1990, 73, 275-281.	1.9	78
118	Low-Temperature Sintering of Seeded Sol-Gel-Derived, ZrO ₂ -Toughened Al ₂ O ₃ Composites. Journal of the American Ceramic Society, 1989, 72, 40-44.	1.9	50
119	Gas Diffusion During Containerless Hot Isostatic Pressing of Liquid-Phase Sintered Ceramics. Journal of the American Ceramic Society, 1989, 72, 1011-1015.	1.9	9
120	Alumina Monolith Formation by Flocculation of Boehmite Sols. Journal of the American Ceramic Society, 1989, 72, 1719-1721.	1.9	24
121	Hybrid Gels for Homoepitactic Nucleation of Mullite. Journal of the American Ceramic Society, 1989, 72, 1725-1729.	1.9	96
122	Solid-Phase Epitaxy of Boehmite-Derived alpha-Alumina on Hematite Seed Crystals. Journal of the American Ceramic Society, 1989, 72, 864-867.	1.9	43
123	Liquid-Phase-Assisted Transformation of Seeded gamma-Alumina. Journal of the American Ceramic Society, 1988, 71, 317-322.	1.9	55
124	A Method for Preparation of Unsupported Sol-Gel Thin Films. Journal of the American Ceramic Society, 1988, 71, C-222-C-224.	1.9	12
125	Metastable solid solution extension of mullite by rapid solidification. Journal of Materials Research, 1988, 3, 375-379.	1.2	4
126	Seeding with gamma-Alumina for Transformation and Microstructure Control in Boehmite-Derived alpha-Alumina. Journal of the American Ceramic Society, 1986, 69, C-98-C-101.	1.9	36

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127	Controlled Transformation and Sintering of a Boehmite Sol-Gel by alpha-Alumina Seeding. Journal of the American Ceramic Society, 1985, 68, 500-505.	1.9	339
128	Enhanced Densification of Boehmite Sol-Gels by γ -Alumina Seeding. Journal of the American Ceramic Society, 1984, 67, c230-c231.	1.9	161
129	Preparation of Alumina-Zirconia Powders by Evaporative Decomposition of Solutions. Journal of the American Ceramic Society, 1984, 67, c92-c93.	1.9	43
130	Reactive-Phase Calsintering of Calcium-Carbonate-Derived Lime. Journal of the American Ceramic Society, 1984, 67, C-109-C-111.	1.9	7
131	Microstructural Changes in Hot Isostatically Pressed Alumina-Glass Composites. Journal of the American Ceramic Society, 1984, 67, C-43.	1.9	0
132	Sintering of Inhomogeneous Binary Powder Mixtures. Journal of the American Ceramic Society, 1981, 64, 468-472.	1.9	21
133	Inhomogeneity-Packing Density Relations in Binary Powders. Journal of the American Ceramic Society, 1978, 61, 1-5.	1.9	57
134	Inhomogeneity-Packing Density Relations in Binary Powders-Experimental Studies. Journal of the American Ceramic Society, 1978, 61, 363-366.	1.9	33
135	Texture Development in Reaction-Bonded Alumina (Rbao) Ceramics Via Templated Grain Growth. Ceramic Engineering and Science Proceedings, 0, , 71-78.	0.1	0
136	Oxidation and Transport Phenomena in the Reaction-Bonded Aluminum Oxide (Rbao) Process. Ceramic Engineering and Science Proceedings, 0, , 79-86.	0.1	0