

Gary L Messing

List of Publications by Year in descending order

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137
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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Cold Sintering: A Paradigm Shift for Processing and Integration of Ceramics. Angewandte Chemie - International Edition, 2016, 55, 11457-11461.	7.2	335
3	Texture Development by Templated Grain Growth in Liquid-Phase-Sintered α -Alumina. Journal of the American Ceramic Society, 1997, 80, 1181-1188.	1.9	275
4	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
5	Solid-State Reactive Sintering of Transparent Polycrystalline Nd:YAG Ceramics. Journal of the American Ceramic Society, 2006, 89, 1945-1950.	1.9	196
6	Toward Pore-Free Ceramics. Science, 2008, 322, 383-384.	6.0	190
7	Microwave Sintering of Alumina at 2.45 GHz. Journal of the American Ceramic Society, 2003, 86, 1307-1312.	1.9	183
8	Synthesis of Solid, Spherical Zirconia Particles by Spray Pyrolysis. Journal of the American Ceramic Society, 1990, 73, 61-67.	1.9	181
9	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
10	Enhanced Densification of Boehmite Sol-Gels by γ -Alumina Seeding. Journal of the American Ceramic Society, 1984, 67, c230-c231.	1.9	161
11	Hot Isostatic Pressing of Transparent Nd:YAG Ceramics. Journal of the American Ceramic Society, 2009, 92, 1456-1463.	1.9	153
12	(Reactive) Templated Grain Growth of Textured Sodium Bismuth Titanate ($\text{Na}_{1/2}\text{Bi}_{1/2}\text{TiO}_3\text{-BaTiO}_3$) Ceramics—II Dielectric and Piezoelectric Properties. , 2003, 11, 217-226.		149
13	Fabrication and Electrical Properties of Textured $\text{Sr}_{0.53}\text{Ba}_{0.47}\text{Nb}_2\text{O}_6$ Ceramics by Templated Grain Growth. Journal of the American Ceramic Society, 2000, 83, 2203-2213.	1.9	149
14	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
15	Dielectric and piezoelectric properties of ~ 001 fiber-textured $0.675\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-}0.325\text{PbTiO}_3$ ceramics. Journal of Applied Physics, 2003, 93, 4072-4080.	1.1	143
16	(Reactive) Templated Grain Growth of Textured Sodium Bismuth Titanate ($\text{Na}_{1/2}\text{Bi}_{1/2}\text{TiO}_3\text{-BaTiO}_3$) Ceramics—I Processing. , 2003, 11, 207-215.		133
17	Effect of 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
18	High Strain, 001 Textured $0.675\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-}0.325\text{PbTiO}_3$ Ceramics: Templated Grain Growth and Piezoelectric Properties. Journal of the American Ceramic Society, 2005, 88, 312-317.	1.9	128

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19	Transformation, Microstructure Development, and Densification in alpha-Fe ₂ O ₃ -Seeded Boehmite-Derived Alumina. <i>Journal of the American Ceramic Society</i> , 1993, 76, 214-222.	1.9	119
20	001 textured (K _{0.5} Na _{0.5})(Nb _{0.97} Sb _{0.03})O ₃ piezoelectric ceramics with high electromechanical coupling over a broad temperature range. <i>Applied Physics Letters</i> , 2009, 95, .	1.5	117
21	Constrained Densification of Alumina/Zirconia Hybrid Laminates, II: Viscoelastic Stress Computation. <i>Journal of the American Ceramic Society</i> , 1997, 80, 1940-1948.	1.9	112
22	Texture-engineered ceramics—Property enhancements through crystallographic tailoring. <i>Journal of Materials Research</i> , 2017, 32, 3219-3241.	1.2	110
23	Effect of Seeding and Water Vapor on the Nucleation and Growth of Al ₂ O ₃ from Al ₂ O ₃ . <i>Journal of the American Ceramic Society</i> , 1999, 82, 825-832.	1.9	103
24	Anisotropic Grain Growth in Diphasic Gel-Derived Titania-Doped Mullite. <i>Journal of the American Ceramic Society</i> , 1998, 81, 1269-1277.	1.9	97
25	Hybrid Gels for Homoepitactic Nucleation of Mullite. <i>Journal of the American Ceramic Society</i> , 1989, 72, 1725-1729.	1.9	96
26	Kinetics of Templated Grain Growth of 0.65Pb(Mg _{1/3} Nb _{2/3})O ₃ ·0.35PbTiO ₃ . <i>Journal of the American Ceramic Society</i> , 2001, 84, 2507-2513.	1.9	91
27	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
28	Development of Textured Mullite by Templated Grain Growth. <i>Journal of the American Ceramic Society</i> , 1999, 82, 867-872.	1.9	82
29	Kinetic Analysis of Solution-Precipitation During Liquid-Phase Sintering of Alumina. <i>Journal of the American Ceramic Society</i> , 1990, 73, 275-281.	1.9	78
30	Determination of the Mechanical Response of Sintering Compacts by Cyclic Loading Dilatometry. <i>Journal of the American Ceramic Society</i> , 1997, 80, 445-452.	1.9	77
31	Processing and Properties of Cellular Silica Synthesized by Foaming Sol-Gels. <i>Journal of the American Ceramic Society</i> , 1990, 73, 85-90.	1.9	74
32	Enhanced Electromechanical Properties and Temperature Stability of Textured (K _{0.5} Na _{0.5})NbO ₃ -Based Piezoelectric Ceramics. <i>Journal of the American Ceramic Society</i> , 2011, 94, 2494-2498.	1.9	69
33	Texture Development and Microstructure Evolution in Liquid-Phase-Sintered Al ₂ O ₃ Alumina Ceramics Prepared by Templated Grain Growth. <i>Journal of the American Ceramic Society</i> , 2000, 83, 3109-3116.	1.9	68
34	Constrained Sintering of Low-Temperature Co-Fired Ceramics. <i>Journal of the American Ceramic Society</i> , 2006, 89, 1923-1929.	1.9	68
35	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
36	Enhanced electromechanical properties and phase transition temperatures in [001] textured Pb(In _{1/2} Nb _{1/2})O ₃ -Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ ternary ceramics. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	67

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37	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
38	Cold Sintering: A Paradigm Shift for Processing and Integration of Ceramics. Angewandte Chemie, 2016, 128, 11629-11633.	1.6	61
39	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
40	Processing, texture quality, and piezoelectric properties of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{TiO}_3$ textured $(1-x)\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{TiO}_3 - x\text{PbTiO}_3$ ceramics. Journal of Applied Physics, 2011, 110, .	1.1	60
41	Mullite Transformation Kinetics in P_{2O_5} , TiO_2 , and B_{2O_3} -Doped Aluminosilicate Gels. Journal of the American Ceramic Society, 1997, 80, 1551-1559.	1.9	59
42	Processing and mechanical response of highly textured Al_2O_3 . Journal of the European Ceramic Society, 2010, 30, 2917-2925.	2.8	58
43	Co-casting and optical characteristics of transparent segmented composite Er:YAG laser ceramics. Journal of Materials Research, 2010, 25, 476-483.	1.2	58
44	Formation mechanism of highly $[001]$ c textured $\text{Pb}(\text{In}_{1/2}\text{Nb}_{1/2})\text{O}_3$ - $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - PbTiO_3 relaxor ferroelectric ceramics with giant piezoelectricity. Journal of the European Ceramic Society, 2016, 36, 1973-1981.	2.8	58
45	Inhomogeneity-Packing Density Relations in Binary hwders. Journal of the American Ceramic Society, 1978, 61, 1-5.	1.9	57
46	Liquid-Phase-Assisted Transformation of Seeded gamma-Alumina. Journal of the American Ceramic Society, 1988, 71, 317-322.	1.9	55
47	Comparison of Texture Analysis Techniques for Highly Oriented Al_2O_3 . Journal of the American Ceramic Society, 2000, 83, 2049-2054.	1.9	52
48	Low temperature, transient liquid phase sintering of B_{2O_3} - SiO_2 -doped Nd:YAG transparent ceramics. Journal of Materials Research, 2011, 26, 1151-1158.	1.2	52
49	Enhanced texture evolution and piezoelectric properties in CuO-doped $\text{Pb}(\text{In}_{1/2}\text{Nb}_{1/2})\text{O}_3$ - $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - PbTiO_3 grain-oriented ceramics. Applied Physics Letters, 2017, 111, .	1.5	52
50	Low-Temperature Sintering of Seeded Sol-Gel-Derived, ZrO_2 -Toughened Al_2O_3 Composites. Journal of the American Ceramic Society, 1989, 72, 40-44.	1.9	50
51	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
52	Low-Temperature Reactive Sintering of 0.65PMN-0.35PT. Journal of the American Ceramic Society, 2001, 84, 648-650.	1.9	49
53	Templated Grain Growth in Macroporous Materials. Journal of the American Ceramic Society, 2014, 97, 1736-1742.	1.9	47
54	Texture Measurements in 001 Fiber-Oriented PMN-PT. Journal of the American Ceramic Society, 2006, 89, 1965-1971.	1.9	46

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55	Dielectric and piezoelectric properties of textured Sr _{0.53} Ba _{0.47} Nb ₂ O ₆ ceramics prepared by templated grain growth. Journal of Materials Research, 2002, 17, 2399-2409.	1.2	45
56	Templated Grain Growth of γ -Textured PMN-PT Using SrTiO ₃ Templates. Journal of the American Ceramic Society, 2009, 92, S133.	1.9	45
57	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
58	Bending Creep Test to Measure the Viscosity of Porous Materials during Sintering. Journal of the American Ceramic Society, 2003, 86, 877-882.	1.9	44
59	Preparation of Alumina-Zirconia Powders by Evaporative Decomposition of Solutions. Journal of the American Ceramic Society, 1984, 67, c92-c93.	1.9	43
60	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
61	Processing and Microstructure Development in Alumina-Silicon Carbide Intragranular Particulate Composites. Journal of the American Ceramic Society, 1994, 77, 2157-2164.	1.9	40
62	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
63	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
64	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
65	Sintering of Mixtures of Seeded Boehmite and Ultrafine γ -Alumina. Journal of the American Ceramic Society, 2000, 83, 82-88.	1.9	35
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	Inhomogeneity-Packing Density Relations in Binary Powders-Experimental Studies. Journal of the American Ceramic Society, 1978, 61, 363-366.	1.9	33
68	Grain Boundaries in Titania-Doped γ -Alumina with Anisotropic Microstructure. Journal of the American Ceramic Society, 1997, 80, 2814-2820.	1.9	33
69	Liquid-Phase Sintering of Alumina Coated with Magnesium Aluminosilicate Glass. Journal of the American Ceramic Society, 1998, 81, 1163-1172.	1.9	33
70	Stresses and Distortion Due to Green Density Gradients During Densification. Journal of the American Ceramic Society, 2006, 89, 3027-3033.	1.9	33
71	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
72	Measurement of Viscosity of Densifying Glass-Based Systems by Isothermal Cyclic Loading Dilatometry. Journal of the American Ceramic Society, 2004, 87, 192-196.	1.9	30

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73	Sintering Arches for Cosintering Camber-Free SOFC Multilayers. Journal of the American Ceramic Society, 2008, 91, 421-427.	1.9	30
74	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
75	Fracture Behavior of Layered Alumina Microstructural Composites with Highly Textured Layers. Journal of the American Ceramic Society, 2013, 96, 1577-1585.	1.9	30
76	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
77	Color center formation in vacuum sintered Nd ₃ Y ₃ Al ₅ O ₁₂ transparent ceramics. Applied Physics Letters, 2011, 98, 051906.	1.5	26
78	Synthesis of Ceramic Powders from Metal Alkoxides. Journal of the Ceramic Society of Japan, 1991, 99, 1036-1046.	1.3	25
79	Texturing of mullite by templated grain growth with aluminum borate whiskers. Journal of the European Ceramic Society, 2001, 21, 2495-2501.	2.8	25
80	Alumina Monolith Formation by Flocculation of Boehmite Sols. Journal of the American Ceramic Society, 1989, 72, 1719-1721.	1.9	24
81	The Reaction-Bonded Aluminum Oxide Process: I, The Effect of Attrition Milling on the Solid-State Oxidation of Aluminum Powder. Journal of the American Ceramic Society, 2000, 83, 299-305.	1.9	24
82	Design of alumina-zirconia composites with spatially tailored strength and toughness. Journal of the European Ceramic Society, 2015, 35, 631-640.	2.8	24
83	Seeding of Perovskite Lead Magnesium Niobate Crystallization from PbMgNbEDTA Gels. Journal of the American Ceramic Society, 1999, 82, 1659-1664.	1.9	23
84	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
85	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
86	Sintering of Inhomogeneous Binary Powder Mixtures. Journal of the American Ceramic Society, 1981, 64, 468-472.	1.9	21
87	SiC-Whisker-Reinforced Cellular SiO ₂ Composites. Journal of the American Ceramic Society, 1990, 73, 3497-3499.	1.9	21
88	Synthesis of High Aspect Ratio PbBi ₄ Ti ₄ O ₁₅ and Topochemical Conversion to PbTiO ₃ -Based Microplatelets. Journal of the American Ceramic Society, 2011, 94, 2323-2329.	1.9	21
89	Synthesis of Barium Titanate by a Basic pH Pechini Process. Materials Research Society Symposia Proceedings, 1992, 271, 95.	0.1	20
90	In Situ Observations of Templated Grain Growth in Na _{0.5} K _{0.5} Li Piezoceramics: Texture Development and Template-Matrix Interactions. Journal of the American Ceramic Society, 2012, 95, 2653-2659.	1.9	20

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91	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
92	Modeling Anisotropic Single Crystal Growth Kinetics in Liquid Phase Sintered Al_2O_3 . Journal of Materials Science, 2000, 8, 257-267.	1.2	19
93	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
94	Effect of Green Density on the Thermomechanical Properties of a Ceramic During Sintering. Journal of the American Ceramic Society, 2006, 89, 2448-2452.	1.9	17
95	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
96	Direct foaming and seeding of highly porous, lightweight gypsum. Journal of Materials Research, 2016, 31, 2244-2251.	1.2	15
97	Direct writing of textured ceramics using anisotropic nozzles. Journal of the European Ceramic Society, 2021, 41, 1945-1953.	2.8	15
98	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
99	Aging associated domain evolution in the orthorhombic phase of $\sim 001^\circ$ textured $(\text{K}_{0.5}\text{Na}_{0.5})\text{Nb}_{0.97}\text{Sb}_{0.03}\text{O}_3$ ceramics. Applied Physics Letters, 2012, 100, .	1.5	14
100	The Effects of Na_2O and SiO_2 on Liquid Phase Sintering of Bayer Al_2O_3 . Journal of the American Ceramic Society, 2016, 99, 2267-2272.	1.9	13
101	Low temperature reactive sintering of CuO-doped PIN-PMN-PT ceramics. Journal of the European Ceramic Society, 2019, 39, 4719-4726.	2.8	13
102	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
103	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
104	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
105	Effect of phase separation in metal carboxylate gels on perovskite lead magnesium niobate crystallization. Journal of Materials Research, 1999, 14, 3921-3931.	1.2	12
106	First-Principles Calculations and Thermodynamic Modeling of the Al_2O_3 - Nd_2O_3 System. Journal of the American Ceramic Society, 2008, 91, 3355-3361.	1.9	12
107	First-Principles Thermochemistry and Thermodynamic Modeling of the Al_2O_3 - Nd_2O_3 - SiO_2 - Y_2O_3 Pseudoquaternary System. Journal of the American Ceramic Society, 2010, 93, 4158-4167.		
108	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

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109	Hybrid Gels Designed for Mullite Nucleation and Crystallization Control. Materials Research Society Symposia Proceedings, 1990, 180, 515.	0.1	9
110	Fabrication and properties of radially α - Al_2O_3 textured PMN-PT cylinders for transducer applications. Journal of Applied Physics, 2012, 112, .	1.1	9
111	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
112	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
113	Additive manufacturing of textured ceramics: A review. Journal of Materials Research, 2021, 36, 3591-3606.	1.2	9
114	Reactive-Phase Sintering of Calcium-Carbonate-Derived Lime. Journal of the American Ceramic Society, 1984, 67, C-109-C-111.	1.9	7
115	Dry pressing boehmite gels for the fabrication of monolithic α - Al_2O_3 . Journal of Sol-Gel Science and Technology, 1997, 9, 53-64.	1.1	7
116	Seeding of the Reaction-Bonded Aluminum Oxide Process. Journal of the American Ceramic Society, 2001, 84, 657-659.	1.9	6
117	Interfacial precipitation in titania-doped diphasic mullite gels. Journal of Materials Research, 1998, 13, 974-978.	1.2	5
118	The Reaction-Bonded Aluminum Oxide (RBAO) Process: II, The Solid-State Oxidation of RBAO Compacts. Journal of the American Ceramic Society, 2000, 83, 1845-1852.	1.9	5
119	Metastable solid solution extension of mullite by rapid solidification. Journal of Materials Research, 1988, 3, 375-379.	1.2	4
120	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
121	Preparation and Fracture Behavior of Alumina Platelet Reinforced Alumina-Monazite Composites. Materials Transactions, 2002, 43, 3262-3265.	0.4	4
122	Thermomechanical Behavior of Ceramic Green Bodies During Presintering. Journal of the American Ceramic Society, 2010, 93, 2611-2616.	1.9	4
123	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
124	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
125	Constitutive Model for Dry Cohesive Powders with Application to Powder Compaction. KONA Powder and Particle Journal, 1995, 13, 135-150.	0.9	4
126	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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127	Pb ²⁺ -stabilized Ruddlesden-Popper (Sr _{1-x} Pb _x) ₃ Ti ₂ O ₇ ceramics. Journal of Materials Research, 2016, 31, 1456-1465.	1.2	2
128	Texture analysis of thick bismuth ferrite lead titanate layers. , 2014, , .		1
129	Zn-activated formation of phase pure perovskite Pb(In _{1/2} Nb _{1/2})O ₃ ∙ Pb(Zn _{1/3} Nb _{2/3})O ₃ ∙ PbTiO ₃ powder. Journal of the American Ceramic Society, 2019, 102, 3932-3939.	1.9	1
130	Pressureless Co-Sintering of Al ₂ O ₃ /ZrO ₂ Multilayers and Bilayers. Materials Research Society Symposia Proceedings, 1996, 434, 93.	0.1	0
131	Microstructural Changes in Hot Isostatically Pressed Alumina-Glass Composites. Journal of the American Ceramic Society, 1984, 67, C-43.	1.9	0
132	Ceramic Processing Science. Journal of the American Ceramic Society, 2009, 92, S1.	1.9	0
133	Processing and electromechanical properties of high-coercive field Zn-doped PIN-PZN-PT ceramics. Journal of the American Ceramic Society, 2020, 103, 4794-4802.	1.9	0
134	Texture analysis of thick bismuth ferrite lead titanate layers. , 2014, , .		0
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