

Wayne Huebner

List of Publications by Year in descending order

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24
papers

626
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567281

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642732

23
g-index

24
all docs

24
docs citations

24
times ranked

586
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver-Palladium Thick-Film Conductors. Journal of the American Ceramic Society, 1994, 77, 3051-3072.	3.8	105
2	Processing and Properties of Cellular Silica Synthesized by Foaming Sol-Gels. Journal of the American Ceramic Society, 1990, 73, 85-90.	3.8	74
3	Microstructure and Grain-Boundary Effect on Electrical Properties of Gadolinium-Doped Ceria. Journal of the American Ceramic Society, 2002, 85, 1757-1762.	3.8	74
4	Use of Stress To Produce Highly Oriented Tetragonal Lead Zirconate Titanate (PZT 40/60) Thin Films and Resulting Electrical Properties. Journal of the American Ceramic Society, 2004, 87, 1459-1465.	3.8	62
5	Interaction of Silver/Palladium Electrodes with Lead-and Bismuth-Based Electroceramics. Journal of the American Ceramic Society, 1993, 76, 474-480.	3.8	38
6	Liquid-phase sintering and chemical inhomogeneity in the BaTiO ₃ -BaCO ₃ -LiF system. Journal of Materials Research, 2000, 15, 407-416.	2.6	38
7	Interaction of Ag/Pd Metallization with Lead and Bismuth Oxide-Based Fluxes in Multilayer Ceramic Capacitors. Journal of the American Ceramic Society, 1992, 75, 2339-2352.	3.8	36
8	Thermodynamic Modeling of Equilibrium Subsolidus Phase Relations in the Ag-Pd-O ₂ System. Journal of the American Ceramic Society, 1991, 74, 1349-1353.	3.8	26
9	Mixed electron emission from doped Pb(Zr,Ti)O ₃ ceramics: Microstructural aspects. Journal of Applied Physics, 1998, 83, 6034-6037.	2.5	24
10	Correlation of Subsolidus Phase Relations in the AgPdO System to Oxidation Reduction Kinetics and Dilatometric Behavior. Journal of the American Ceramic Society, 1992, 75, 2232-2239.	3.8	20
11	Synthesis and properties of strontium-doped yttrium manganite. Journal of Materials Research, 1994, 9, 2645-2653.	2.6	20
12	Fabrication and Characterization of PZT/Thermoplastic Polymer Composites for High-Frequency Phased Linear Arrays. Journal of the American Ceramic Society, 1994, 77, 2481-2484.	3.8	19
13	Characterization of Solid Oxide Fuel Cells by Use of an Internal Pt Voltage Probe. Journal of the Electrochemical Society, 1996, 143, 1558-1561.	2.9	17
14	Novel yttrium-stabilized zirconia polymeric precursor for the fabrication of thin films. Journal of Materials Research, 2004, 19, 2708-2713.	2.6	16
15	Polarization Switching of and Electron Emission from Lead Lanthanum Zirconate Titanate Ceramics. Journal of the American Ceramic Society, 1999, 82, 591-599.	3.8	15
16	Highly Textured BaTiO ₃ via Templated Grain Growth and Resulting Polarization Reversal Dynamics. Journal of the American Ceramic Society, 2016, 99, 922-929.	3.8	15
17	Preparation and Microstructure Evolution of Both Freestanding and Supported TiO ₂ Thin Films. Journal of Materials Research, 2002, 17, 1520-1528.	2.6	10
18	Ultrasonic characterization of poling in lead zirconate titanate ceramics. Applied Physics Letters, 2001, 79, 2794-2796.	3.3	6

#	ARTICLE	IF	CITATIONS
19	Electron energy distributions of ferroelectric emission from plzt 8/65/35. Ferroelectrics, 1998, 215, 75-86.	0.6	3
20	Synthesis of solid and spirally cracked TiO ₂ fibers by a liquid mix process. Journal of Materials Research, 2003, 18, 687-692.	2.6	3
21	Electron emission from PLZT ceramics induced by polarization switching. Ferroelectrics, 1999, 221, 199-207.	0.6	2
22	Spray Pyrolysis Synthesis and Dielectric Properties of Pb(Mg _{1/3} Nb _{2/3})O ₃ . Journal of the American Ceramic Society, 2008, 91, 2766-2768.	3.8	2
23	Grain Size and Chemical Composition Effects on the Grain Boundary Resistance of Ceria. Materials Research Society Symposia Proceedings, 2002, 730, 1.	0.1	1
24	HP007 modeling permittivity and conductivity contrast on electric energy storage properties of dielectric composites. , 2008, , .		0