

# Wayne Huebner

## List of Publications by Year in descending order

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24  
papers

626  
citations

567281

15  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Textured BaTiO <sub>3</sub> via Templated Grain Growth and Resulting Polarization Reversal Dynamics. Journal of the American Ceramic Society, 2016, 99, 922-929.	3.8	15
2	Spray Pyrolysis Synthesis and Dielectric Properties of Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> . Journal of the American Ceramic Society, 2008, 91, 2766-2768.	3.8	2
3	HP007 modeling permittivity and conductivity contrast on electric energy storage properties of dielectric composites. , 2008, , .		0
4	Novel yttrium-stabilized zirconia polymeric precursor for the fabrication of thin films. Journal of Materials Research, 2004, 19, 2708-2713.	2.6	16
5	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
6	Synthesis of solid and spirally cracked TiO <sub>2</sub> fibers by a liquid mix process. Journal of Materials Research, 2003, 18, 687-692.	2.6	3
7	Preparation and Microstructure Evolution of Both Freestanding and Supported TiO <sub>2</sub> Thin Films. Journal of Materials Research, 2002, 17, 1520-1528.	2.6	10
8	Grain Size and Chemical Composition Effects on the Grain Boundary Resistance of Ceria. Materials Research Society Symposia Proceedings, 2002, 730, 1.	0.1	1
9	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
10	Ultrasonic characterization of poling in lead zirconate titanate ceramics. Applied Physics Letters, 2001, 79, 2794-2796.	3.3	6
11	Liquid-phase sintering and chemical inhomogeneity in the BaTiO <sub>3</sub> -BaCO <sub>3</sub> -LiF system. Journal of Materials Research, 2000, 15, 407-416.	2.6	38
12	Electron emission from PLZT ceramics induced by polarization switching. Ferroelectrics, 1999, 221, 199-207.	0.6	2
13	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
14	Electron energy distributions of ferroelectric emission from plzt 8/65/35. Ferroelectrics, 1998, 215, 75-86.	0.6	3
15	Mixed electron emission from doped Pb(Zr,Ti)O <sub>3</sub> ceramics: Microstructural aspects. Journal of Applied Physics, 1998, 83, 6034-6037.	2.5	24
16	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
17	Synthesis and properties of strontium-doped yttrium manganite. Journal of Materials Research, 1994, 9, 2645-2653.	2.6	20
18	Silver-Palladium Thick-Film Conductors. Journal of the American Ceramic Society, 1994, 77, 3051-3072.	3.8	105

#	ARTICLE	IF	CITATIONS
19	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
20	Interaction of Silver/Palladium Electrodes with Lead-and Bismuth-Based Electroceramics. Journal of the American Ceramic Society, 1993, 76, 474-480.	3.8	38
21	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
22	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
23	Thermodynamic Modeling of Equilibrium Subsolidus Phase Relations in the Ag-Pd-O <sub>2</sub> System. Journal of the American Ceramic Society, 1991, 74, 1349-1353.	3.8	26
24	Processing and Properties of Cellular Silica Synthesized by Foaming Sol-Gels. Journal of the American Ceramic Society, 1990, 73, 85-90.	3.8	74