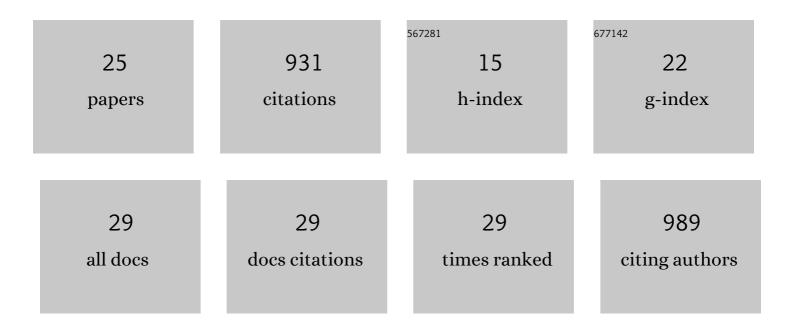
## Mark R De Guire

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Longâ€ŧerm microstructural changes in solid oxide fuel cell anodes: 3D reconstruction. Journal of the American Ceramic Society, 2017, 100, 1653-1660.	3.8	8
2	Nanocrystalline ceria coatings on solid oxide fuel cell anodes: the role of organic surfactant pretreatments on coating microstructures and sulfur tolerance. Beilstein Journal of Nanotechnology, 2014, 5, 1712-1724.	2.8	2
3	Manganese Oxide Formation in Lanthanum Strontium Manganite-Yttria-Stabilized Zirconia SOFC Cathodes. Metallurgical and Materials Transactions E, 2014, 1, 263-271.	0.5	1
4	Chemical Bath Deposition. , 2013, , 319-339.		16
5	Performance of solid oxide fuel cells under fuel-side operational stresses. , 2012, , .		1
6	Mn Valence Determination for Lanthanum Strontium Manganite Solid Oxide Fuel Cell Cathodes. Journal of the Electrochemical Society, 2011, 158, B1276-B1280.	2.9	16
7	Effect of organic self-assembled monolayers on the deposition and adhesion of hydroxyapatite coatings on titanium. International Journal of Materials Research, 2006, 97, 760-767.	0.3	3
8	Titania Deposition on PMR-15. Chemistry of Materials, 2005, 17, 3205-3213.	6.7	22
9	Single-Step Preparation of Mesoporous, Anatase-Based Titaniumâ^'Vanadium Oxide and Its Application. Journal of the American Chemical Society, 2005, 127, 12736-12742.	13.7	39
10	Acidâ^'Base Properties and Zeta Potentials of Self-Assembled Monolayers Obtained via in Situ Transformationsâ€. Langmuir, 2004, 20, 8693-8698.	3.5	130
11	Nano/micro-patterning of anatase TiO2thin film from an aqueous solution by site-selective elimination method. Science and Technology of Advanced Materials, 2003, 4, 461-467.	6.1	52
12	Nanocrystalline Tin Oxide Thin Films via Liquid Flow Deposition. Journal of the American Ceramic Society, 2003, 86, 2074-2081.	3.8	19
13	Effects of Substrate Surface Functionality on Solution-Deposited Titania Films. Chemistry of Materials, 2002, 14, 2476-2485.	6.7	114
14	Characterization of SnO2 thin films grown from aqueous solutions. Thin Solid Films, 2000, 371, 1-9.	1.8	98
15	Pyrolysis of self-assembled organic monolayers on oxide substrates. Journal of Materials Research, 1999, 14, 2116-2123.	2.6	23
16	SILOXANE-ANCHORED MONOLAYERS AS TEMPLATES FOR OXIDE FILM DEPOSITION. , 1999, , 1-13.		0
17	Boron-modified polysilylcarbodi-imides as precursors for Si-B-C-N ceramics: Synthesis, plastic-forming and high-temperature behavior. Applied Organometallic Chemistry, 1998, 12, 725-734.	3.5	50
18	Deposition of Compact Hydrous Aluminum Sulfate Thin Films on Titania Particles Coated with Organic Self-Assembled Monolayers. Chemistry of Materials, 1998, 10, 2135-2144.	6.7	19

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#	Article	IF	CITATIONS
19	Electrical properties of TiO2 thin films formed on self-assembled organic monolayers on silicon. Journal of Applied Physics, 1998, 83, 3311-3317.	2.5	71
20	Synthesis of ZrO <sub>2</sub> and Y <sub>2</sub> O <sub>3</sub> â€Doped ZrO <sub>2</sub> Thin Films Using Selfâ€Assembled Monolayers. Journal of the American Ceramic Society, 1997, 80, 2967-2981.	3.8	109
21	Electrical conductivity, relaxation and the glass transition: A new look at a familiar phenomenon. Journal of Non-Crystalline Solids, 1996, 203, 286-292.	3.1	2
22	The series Bi2Sr2Canâ^1CunO2n+4 (1≤â‰ቜ). Physica C: Superconductivity and Its Applications, 1991, 179, 333-346.	1.2	41
23	The cooling rate dependence of cation distributions in CoFe2O4. Journal of Applied Physics, 1989, 65, 3167-3172.	2.5	91
24	Microstructural Effects on the Magnetization of Superconducting YBa2Cu3O7-xin Fields Below the Lower Critical Field. Advanced Ceramic Materials, 1987, 2, 593-600.	2.2	3
25	Magnetic ordering in splat-quenched spinel ferrite-silica compositions. Journal of Magnetism and Magnetic Materials, 1986, 54-57, 1337-1338.	2.3	0