

Joel B Miller

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

144
citations

1478505

6
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	Protons in Catalytic Architectures: Near (NMR) and Far (Impedance). Journal of the Electrochemical Society, 2022, 169, 036514.	2.9	0
2	High resolution solid state NMR in paramagnetic metal-organic frameworks. Solid State Nuclear Magnetic Resonance, 2022, 120, 101811.	2.3	3
3	Zirconia-Based Aerogels for Sorption and Degradation of Dimethyl Methylphosphonate. Industrial & Engineering Chemistry Research, 2020, 59, 19584-19592.	3.7	12
4	Power of Aerogel Platforms to Explore Mesoscale Transport in Catalysis. ACS Applied Materials & Interfaces, 2020, 12, 41277-41287.	8.0	13
5	Automated detection of broad NMR spectra: ¹⁹ F NMR of paramagnetic UF ₄ and ¹⁹⁵ Pt NMR of supported Pt catalysts. Solid State Nuclear Magnetic Resonance, 2018, 92, 14-18.	2.3	5
6	Substitution of silicon within the rhombohedral boron carbide (B ₄ C) crystal lattice through high-energy ball-milling. Journal of Materials Chemistry C, 2015, 3, 11705-11716.	5.5	40
7	Probing microphase separation and proton transport cooperativity in polymer-ethered 1,2,3,4-tetrazoles. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 1375-1387.	2.1	1
8	Sonochemically Generated Air-Stable Bimetallic Nanopowders of Group 4 Transition Metals with Aluminum. Chemistry of Materials, 2013, 25, 818-824.	6.7	17
9	The synthesis of hafnium nanomaterials by alkali metal reduction of hafnium tetrachloride. Journal of Nanoparticle Research, 2011, 13, 5435-5448.	1.9	7
10	Synthesis and Microstructure of Porous Aluminum and Intermetallic Nanomaterials. Materials Research Society Symposia Proceedings, 2011, 1295, 291.	0.1	2
11	Aluminum Nanoparticle Synthesis by Reduction of Halides with Na/K. Materials Research Society Symposia Proceedings, 2007, 1056, 1.	0.1	3
12	Surface Passivated Air and Moisture Stable Mixed Zirconium Aluminum Metal-Hydride Nanoparticles. Materials Research Society Symposia Proceedings, 2007, 1056, 1.	0.1	5
13	Effect of added metal chelating organosilane on mesoporous titanasilicate formation properties. Dalton Transactions, 2003, , 3398.	3.3	4
14	NMR imaging of solid polymers: Strategies for chemical shift selectivity. Macromolecular Symposia, 1994, 86, 271-282.	0.7	5
15	A broadband nuclear magnetic resonance spectrometer: Digital phase shifting and flexible pulse programmer. Review of Scientific Instruments, 1993, 64, 1235-1238.	1.3	24
16	Nuclear Magnetic Resonance Imaging of Anisotropic Solid-State Chemical Reactions. ACS Symposium Series, 1993, , 260-271.	0.5	1
17	A Combined Theoretical and Experimental Characterization of a Zirconium MOF with Potential Application to Supercapacitors. Applied Magnetic Resonance, 0, , 1.	1.2	2