

Jena McCollum

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Activating Aluminum Reactivity with Fluoropolymer Coatings for Improved Energetic Composite Combustion. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18742-18749.	8.0	127
2	Examining Hydroxyl-Alumina Bonding toward Aluminum Nanoparticle Reactivity. <i>Journal of Physical Chemistry C</i> , 2015, 119, 26547-26553.	3.1	33
3	Pre-Stressing Micron-Scale Aluminum Core-Shell Particles to Improve Reactivity. <i>Scientific Reports</i> , 2015, 5, 7879.	3.3	27
4	Effect of environment on iodine oxidation state and reactivity with aluminum. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 11243-11250.	2.8	19
5	Improving aluminum particle reactivity by annealing and quenching treatments: Synchrotron X-ray diffraction analysis of strain. <i>Acta Materialia</i> , 2016, 103, 495-501.	7.9	19
6	Development of flexible, free-standing, thin films for additive manufacturing and localized energy generation. <i>AIP Advances</i> , 2015, 5, .	1.3	14
7	Stress relaxation in pre-stressed aluminum core-shell particles: X-ray diffraction study, modeling, and improved reactivity. <i>Combustion and Flame</i> , 2016, 170, 30-36.	5.2	12
8	A slice of an aluminum particle: Examining grains, strain and reactivity. <i>Combustion and Flame</i> , 2016, 173, 229-234.	5.2	10