

Jena McCollum

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2295662/publications.pdf>

Version: 2024-02-01

8
papers

261
citations

1163117
8
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

230
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of environment on iodine oxidation state and reactivity with aluminum. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 11243-11250.	2.8	19
2	A slice of an aluminum particle: Examining grains, strain and reactivity. <i>Combustion and Flame</i> , 2016, 173, 229-234.	5.2	10
3	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
4	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
5	Development of flexible, free-standing, thin films for additive manufacturing and localized energy generation. <i>AIP Advances</i> , 2015, 5, .	1.3	14
6	Examining Hydroxyl-Alumina Bonding toward Aluminum Nanoparticle Reactivity. <i>Journal of Physical Chemistry C</i> , 2015, 119, 26547-26553.	3.1	33
7	Pre-Stressing Micron-Scale Aluminum Core-Shell Particles to Improve Reactivity. <i>Scientific Reports</i> , 2015, 5, 7879.	3.3	27
8	Activating Aluminum Reactivity with Fluoropolymer Coatings for Improved Energetic Composite Combustion. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18742-18749.	8.0	127