

Richa Padhye

List of Publications by Year in descending order

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Version: 2024-02-01

4
papers

109
citations

1937685

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2272923

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g-index

4
all docs

4
docs citations

4
times ranked

139
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorination of an Alumina Surface: Modeling Aluminum–Fluorine Reaction Mechanisms. ACS Applied Materials & Interfaces, 2017, 9, 24290-24297.	8.0	49
2	Examining Hydroxyl–Alumina Bonding toward Aluminum Nanoparticle Reactivity. Journal of Physical Chemistry C, 2015, 119, 26547-26553.	3.1	33
3	Effect of Polar Environments on the Aluminum Oxide Shell Surrounding Aluminum Particles: Simulations of Surface Hydroxyl Bonding and Charge. ACS Applied Materials & Interfaces, 2016, 8, 13926-13933.	8.0	17
4	Tailoring surface conditions for enhanced reactivity of aluminum powders with solid oxidizing agents. Applied Surface Science, 2017, 402, 225-231.	6.1	10