

Nadia N Intan

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

218
citations

1684188

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h-index

1588992

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16
all docs

16
docs citations

16
times ranked

276
citing authors

#	ARTICLE	IF	CITATIONS
1	Deconstruction of high-density polyethylene into liquid hydrocarbon fuels and lubricants by hydrogenolysis over Ru catalyst. <i>Chem Catalysis</i> , 2021, 1, 437-455.	6.1	101
2	A combined theoretical-experimental study of interactions between vanadium ions and Nafion membrane in all-vanadium redox flow batteries. <i>Journal of Power Sources</i> , 2018, 373, 150-160.	7.8	32
3	Ab Initio Modeling of Transition Metal Dissolution from the $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ Cathode. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20110-20116.	8.0	30
4	Effect of Fluoroethylene Carbonate Additives on the Initial Formation of the Solid Electrolyte Interphase on an Oxygen-Functionalized Graphitic Anode in Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 8169-8180.	8.0	23
5	Theoretical Insights into Oxidation States of Transition Metals at (001) and (111) $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ Spinel Surfaces. <i>Journal of the Electrochemical Society</i> , 2018, 165, A1099-A1103.	2.9	14
6	Rational Ligand Design for an Efficient Biomimetic Water Splitting Complex. <i>Journal of Physical Chemistry A</i> , 2016, 120, 10033-10042.	2.5	6
7	Composition of Oxygen Functional Groups on Graphite Surfaces. <i>Journal of Physical Chemistry C</i> , 2022, 126, 10653-10667.	3.1	6
8	Effect of graphitic anode surface functionalization on the structure and dynamics of electrolytes at the interface. <i>Journal of Chemical Physics</i> , 2021, 155, 134702.	3.0	4
9	Computational Study of Surface Reactivity and Metal Dissolution in $\text{Li}_x\text{Ni}_{0.5}\text{Mn}_{1.5}\text{O}_4$. ECS Meeting Abstracts, 2018, , .	0.0	0
10	First-Principles Modeling Study of Transition-Metal Dissolution from $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ Spinel Surfaces. ECS Meeting Abstracts, 2018, , .	0.0	0
11	Theoretical Investigation of Organohalide Perovskite Degradation in Water. ECS Meeting Abstracts, 2021, MA2021-02, 636-636.	0.0	0