

Rafia Ahmad

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

299
citations

1163117
8
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1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

473
citing authors

#	ARTICLE	IF	CITATIONS
1	Solution processable metal-organic frameworks for mixed matrix membranes using porous liquids. <i>Nature Materials</i> , 2020, 19, 1346-1353.	27.5	181
2	Remarkable enhancement in hydrogen storage on free-standing Ti ₃ B and BC ₃ supported Ti ₃ clusters. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 1054-1061.	7.1	22
3	Pt-Poisoning-Free Efficient CO Oxidation on Pt ₃ Co Supported on MgO(100): An Ab Initio Study. <i>ACS Catalysis</i> , 2015, 5, 1826-1832.	11.2	20
4	Iron-Cobalt-Based Materials: An Efficient Bimetallic Catalyst for Ammonia Synthesis at Low Temperatures. <i>ACS Catalysis</i> , 2022, 12, 587-599.	11.2	17
5	Active and stable Fe-based catalyst, mechanism, and key role of alkali promoters in ammonia synthesis. <i>Journal of Catalysis</i> , 2021, 394, 353-365.	6.2	16
6	Simultaneous Site Adsorption Shift and Efficient CO Oxidation Induced by V and Co in Pt Catalyst. <i>Journal of Physical Chemistry C</i> , 2017, 121, 12807-12816.	3.1	15
7	Orientation Selection during Heterogeneous Nucleation: Implications for Heterogeneous Catalysis. <i>Journal of Physical Chemistry C</i> , 2017, 121, 10027-10037.	3.1	13
8	Synergistic core-shell interactions enable ultra-low overpotentials for enhanced CO ₂ electro-reduction activity. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21120-21130.	10.3	10
9	Caping-out oxygen interference: An approach to achieve efficient hydrogen storage via Kubas binding. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 5979-5985.	7.1	5