

Mhamed Assebban

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

254
citations

1040056

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1058476

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docs citations

14
times ranked

397
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid phase exfoliation of antimonene: systematic optimization, characterization and electrocatalytic properties. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22475-22486.	10.3	54
2	Unveiling the oxidation behavior of liquid-phase exfoliated antimony nanosheets. <i>2D Materials</i> , 2020, 7, 025039.	4.4	33
3	Catalytic complete oxidation of acetylene and propene over clay versus cordierite honeycomb monoliths without and with chemical vapor deposited cobalt oxide. <i>Chemical Engineering Journal</i> , 2015, 262, 1252-1259.	12.7	31
4	Intrinsic catalytic properties of extruded clay honeycomb monolith toward complete oxidation of air pollutants. <i>Journal of Hazardous Materials</i> , 2015, 300, 590-597.	12.4	27
5	Two-Dimensional Antimony Oxide. <i>Physical Review Letters</i> , 2020, 124, 126101.	7.8	22
6	Phonon properties and photo-thermal oxidation of micromechanically exfoliated antimonene nanosheets. <i>2D Materials</i> , 2021, 8, 015018.	4.4	17
7	Interface Amorphization of Two-Dimensional Black Phosphorus upon Treatment with Diazonium Salts. <i>Chemistry - A European Journal</i> , 2021, 27, 3361-3366.	3.3	15
8	Laser-Triggered Bottom-Up Transcription of Chemical Information: Toward Patterned Graphene/MoS ₂ Heterostructures. <i>Journal of the American Chemical Society</i> , 2022, 144, 9645-9650.	13.7	12
9	Towards biofuel combustion with an easily extruded clay as a natural catalyst. <i>Applied Energy</i> , 2013, 107, 149-156.	10.1	11
10	Non-Calorimetric Determination of the Adsorption Heat of Volatile Organic Compounds under Dynamic Conditions. <i>Catalysts</i> , 2015, 5, 653-670.	3.5	10
11	Insights into the formation of metal carbon nanocomposites for energy storage using hybrid NiFe layered double hydroxides as precursors. <i>Chemical Science</i> , 2020, 11, 7626-7633.	7.4	9
12	Continuous-Flow Synthesis of High-Quality Few-Layer Antimonene Hexagons. <i>Advanced Functional Materials</i> , 2021, 31, 2101616.	14.9	8
13	Hierarchical Assembly and Sensing Activity of Patterned Graphene-Hamilton Receptor Nanostructures. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	2