

Reza Abolhassani

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

496
citations

1039880

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h-index

1372474

10
g-index

11
all docs

11
docs citations

11
times ranked

481
citing authors

#	ARTICLE	IF	CITATIONS
1	Core-shell nanostructures: perspectives towards drug delivery applications. Journal of Materials Chemistry B, 2020, 8, 8992-9027.	2.9	127
2	1D semiconductor nanowires for energy conversion, harvesting and storage applications. Nano Energy, 2020, 76, 104991.	8.2	70
3	One dimensional Au-ZnO hybrid nanostructures based CO ₂ detection: Growth mechanism and role of the seed layer on sensing performance. Sensors and Actuators B: Chemical, 2021, 337, 129765.	4.0	68
4	Advances in ZnO: Manipulation of defects for enhancing their technological potentials. Nanotechnology Reviews, 2022, 11, 575-619.	2.6	65
5	Solar light assisted degradation of dyes and adsorption of heavy metal ions from water by CuO@ZnO tetrapodal hybrid nanocomposite. Materials Today Chemistry, 2020, 17, 100336.	1.7	58
6	Progress in electrode and electrolyte materials: path to all-solid-state Li-ion batteries. Energy Advances, 2022, 1, 457-510.	1.4	36
7	Unraveling highly efficient nanomaterial photocatalyst for pollutant removal: a comprehensive review and future progress. Materials Today Chemistry, 2022, 23, 100692.	1.7	26
8	Progress of hybrid nanocomposite materials for thermoelectric applications. Materials Advances, 2021, 2, 1927-1956.	2.6	22
9	Antimony doped SnO ₂ nanowire@C core-shell structure as a high-performance anode material for lithium-ion battery. Nanotechnology, 2021, 32, 285403.	1.3	12
10	Detection of prostate cancer DNA using tetrapods based disposable paper ecofriendly biosensor device. Medical Devices & Sensors, 2020, 3, e10122.	2.7	7
11	Nanoengineered Antiviral Fibrous Arrays with Rose-Thorn-Inspired Architectures. , 2021, 3, 1566-1571.		5