

# Reza Abolhassani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6670396/publications.pdf>

Version: 2024-02-01

11  
papers

496  
citations

1039880

9  
h-index

1372474

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

481  
citing authors

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