

Sheng Zeng

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

308
citations

6
h-index

11
g-index

11
ext. papers

403
ext. citations

5.9
avg, IF

3.83
L-index

#	Paper	IF	Citations
11	A review on photocatalytic CO reduction using perovskite oxide nanomaterials. <i>Nanotechnology</i> , 2018 , 29, 052001	3.4	140
10	Enhanced charge separation in g-C ₃ N ₄ /BiOI heterostructures for visible light driven photoelectrochemical water splitting. <i>Nanoscale Advances</i> , 2019 , 1, 1460-1471	5.1	77
9	Noble Metal Free, Visible Light Driven Photocatalysis Using TiO ₂ Nanotube Arrays Sensitized by P-Doped C ₃ N ₄ Quantum Dots. <i>Advanced Optical Materials</i> , 2020 , 8, 1901275	8.1	34
8	Vapor Deposition of Semiconducting Phosphorus Allotropes into TiO ₂ Nanotube Arrays for Photoelectrocatalytic Water Splitting. <i>ACS Applied Nano Materials</i> , 2019 , 2, 3358-3367	5.6	17
7	Asymmetric Multipole Plasmon-Mediated Catalysis Shifts the Product Selectivity of CO Photoreduction toward C Products. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 7248-7258	9.5	16
6	Harvesting Hot Holes in Plasmon-Coupled Ultrathin Photoanodes for High-Performance Photoelectrochemical Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 42741-42752	9.5	9
5	CVD grown nitrogen doped graphene is an exceptional visible-light driven photocatalyst for surface catalytic reactions. <i>2D Materials</i> , 2020 , 7, 015002	5.9	6
4	Synthesis and Characterization of Zinc Phthalocyanine-Cellulose Nanocrystal (CNC) Conjugates: Toward Highly Functional CNCs. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 43992-44006	9.5	4
3	Transparent nanoporous P-type NiO films grown directly on non-native substrates by anodization. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 11327-11335	2.1	3
2	Effect of morphology on the photoelectrochemical performance of nanostructured CuO photocathodes. <i>Nanotechnology</i> , 2021 , 32,	3.4	1
1	TiO ₂ -HfN Radial Nano-Heterojunction: A Hot Carrier Photoanode for Sunlight-Driven Water-Splitting. <i>Catalysts</i> , 2021 , 11, 1374	4	1