

Sheng Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

496
citations

1163065

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1281846

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11
all docs

11
docs citations

11
times ranked

793
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on photocatalytic CO ₂ reduction using perovskite oxide nanomaterials. Nanotechnology, 2018, 29, 052001.	2.6	192
2	Enhanced charge separation in g-C ₃ N ₄ –BiOI heterostructures for visible light driven photoelectrochemical water splitting. Nanoscale Advances, 2019, 1, 1460-1471.	4.6	115
3	Noble Metal Free, Visible Light Driven Photocatalysis Using TiO ₂ Nanotube Arrays Sensitized by P-doped C ₃ N ₄ Quantum Dots. Advanced Optical Materials, 2020, 8, 1901275.	7.3	48
4	Asymmetric Multipole Plasmon-Mediated Catalysis Shifts the Product Selectivity of CO ₂ Photoreduction toward C ₂₊ Products. ACS Applied Materials & Interfaces, 2021, 13, 7248-7258.	8.0	40
5	Vapor Deposition of Semiconducting Phosphorus Allotropes into TiO ₂ Nanotube Arrays for Photoelectrocatalytic Water Splitting. ACS Applied Nano Materials, 2019, 2, 3358-3367.	5.0	30
6	Harvesting Hot Holes in Plasmon-Coupled Ultrathin Photoanodes for High-Performance Photoelectrochemical Water Splitting. ACS Applied Materials & Interfaces, 2021, 13, 42741-42752.	8.0	24
7	Synthesis and Characterization of Zinc Phthalocyanine-Cellulose Nanocrystal (CNC) Conjugates: Toward Highly Functional CNCs. ACS Applied Materials & Interfaces, 2020, 12, 43992-44006.	8.0	16
8	CVD grown nitrogen doped graphene is an exceptional visible-light driven photocatalyst for surface catalytic reactions. 2D Materials, 2020, 7, 015002.	4.4	12
9	TiO ₂ -HfN Radial Nano-Heterojunction: A Hot Carrier Photoanode for Sunlight-Driven Water-Splitting. Catalysts, 2021, 11, 1374.	3.5	8
10	Effect of morphology on the photoelectrochemical performance of nanostructured Cu ₂ O photocathodes. Nanotechnology, 2021, 32, 374001.	2.6	7
11	Transparent nanoporous P-type NiO films grown directly on non-native substrates by anodization. Journal of Materials Science: Materials in Electronics, 2019, 30, 11327-11335.	2.2	4