

Morteza Kolaei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10950355/publications.pdf>

Version: 2024-02-01

9
papers

317
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced graphene oxide (RGO) on TiO ₂ for an improved photoelectrochemical (PEC) and photocatalytic activity. <i>Solar Energy</i> , 2019, 190, 185-194.	6.1	112
2	Efficient and stable core-shell Fe ₂ O ₃ /WS ₂ /WO _x photoanode for oxygen evolution reaction to enhance photoelectrochemical water splitting. <i>Applied Catalysis B: Environmental</i> , 2022, 313, 121447.	20.2	39
3	Simultaneous Enhancement of Charge Separation and Hole Transportation in a W:Fe ₂ O ₃ /MoS ₂ Photoanode: A Collaborative Approach of MoS ₂ as a Heterojunction and W as a Metal Dopant. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 39215-39229.	8.0	37
4	A novel approach for improving photoelectrochemical water splitting performance of ZnO-CdS photoanodes: Unveiling the effect of surface roughness of ZnO nanorods on distribution of CdS nanoparticles. <i>Journal of Alloys and Compounds</i> , 2022, 906, 164314.	5.5	34
5	Unified surface modification by double heterojunction of MoS ₂ nanosheets and BiVO ₄ nanoparticles to enhance the photoelectrochemical water splitting of hematite photoanode. <i>Journal of Alloys and Compounds</i> , 2022, 890, 161802.	5.5	33
6	The synergistic effects of acid treatment and silver (Ag) loading for substantial improvement of photoelectrochemical and photocatalytic activity of Na ₂ Ti ₃ O ₇ /TiO ₂ nanocomposite. <i>Applied Surface Science</i> , 2021, 540, 148359.	6.1	22
7	Highly efficient and stable WO ₃ /MoS ₂ -MoOX photoanode for photoelectrochemical hydrogen production; a collaborative approach of facet engineering and P-N junction. <i>Chemical Engineering Journal</i> , 2022, 446, 136830.	12.7	18
8	Decoration of CdS nanoparticles on dense and multi-edge sodium titanate nanorods to form a highly efficient and stable photoanode with great enhancement in PEC performance. <i>Environmental Science: Nano</i> , 2021, 8, 1667-1679.	4.3	13
9	Optimal growth of sodium titanate nanoflower on TiO ₂ thin film for the fabrication of a novel Ti/TiO ₂ /Na ₂ Ti ₃ O ₇ photoanode with excellent stability. <i>Journal of Alloys and Compounds</i> , 2022, 913, 165337.	5.5	9