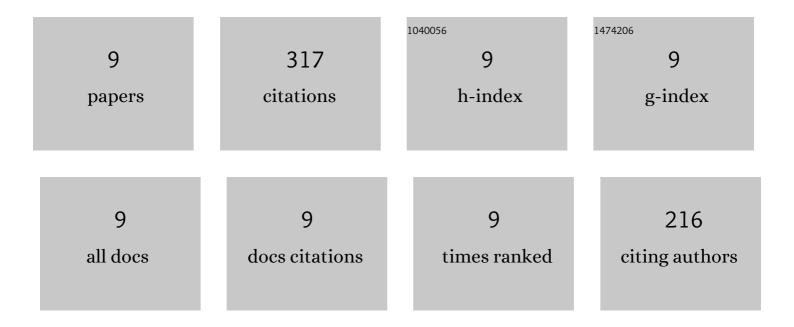
Morteza Kolaei

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Unified surface modification by double heterojunction of MoS2 nanosheets and BiVO4 nanoparticles to enhance the photoelectrochemical water splitting of hematite photoanode. Journal of Alloys and Compounds, 2022, 890, 161802.	5.5	33
2	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. Journal of Alloys and Compounds, 2022, 906, 164314.	5.5	34
3	Highly efficient and stable WO3/MoS2-MoOX photoanode for photoelectrochemical hydrogen production; a collaborative approach of facet engineering and P-N junction. Chemical Engineering Journal, 2022, 446, 136830.	12.7	18
4	Optimal growth of sodium titanate nanoflower on TiO2 thin film for the fabrication of a novel Ti/TiO2/Na2Ti3O7 photoanode with excellent stability. Journal of Alloys and Compounds, 2022, 913, 165337.	5.5	9
5	Efficient and stable core-shell α–Fe2O3/WS2/WOx photoanode for oxygen evolution reaction to enhance photoelectrochemical water splitting. Applied Catalysis B: Environmental, 2022, 313, 121447.	20.2	39
6	The synergistic effects of acid treatment and silver (Ag) loading for substantial improvement of photoelectrochemical and photocatalytic activity of Na2Ti3O7/TiO2 nanocomposite. Applied Surface Science, 2021, 540, 148359.	6.1	22
7	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. Environmental Science: Nano, 2021, 8, 1667-1679.	4.3	13
8	Simultaneous Enhancement of Charge Separation and Hole Transportation in a W:α-Fe ₂ O ₃ /MoS ₂ Photoanode: A Collaborative Approach of MoS ₂ as a Heterojunction and W as a Metal Dopant. ACS Applied Materials & Interfaces, 2021, 13, 39215-39229.	8.0	37
9	Reduced graphene oxide (RGO) on TiO2 for an improved photoelectrochemical (PEC) and photocatalytic activity. Solar Energy, 2019, 190, 185-194.	6.1	112