

Liu Yunpeng

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,092
citations

759055

12
h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

1526
citing authors

#	ARTICLE	IF	CITATIONS
1	High efficiency photocatalytic hydrogen production over ternary Cu/TiO ₂ @Ti ₃ C ₂ Tx enabled by low-work-function 2D titanium carbide. Nano Energy, 2018, 53, 97-107.	8.2	300
2	2H- and 1T- mixed phase few-layer MoS ₂ as a superior to Pt co-catalyst coated on TiO ₂ nanorod arrays for photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2019, 241, 236-245.	10.8	242
3	Regulating Electron-Hole Separation to Promote Photocatalytic H ₂ Evolution Activity of Nanoconfined Ru/MXene/TiO ₂ Catalysts. ACS Nano, 2020, 14, 14181-14189.	7.3	160
4	Enhanced photocatalytic CO ₂ reduction in H ₂ O vapor by atomically thin Bi ₂ WO ₆ nanosheets with hydrophobic and nonpolar surface. Applied Catalysis B: Environmental, 2021, 283, 119630.	10.8	131
5	A novel bicomponent Co ₃ S ₄ /Co@C cocatalyst on CdS, accelerating charge separation for highly efficient photocatalytic hydrogen evolution. Green Chemistry, 2020, 22, 238-247.	4.6	61
6	Revealing the Relationship between Photocatalytic Properties and Structure Characteristics of TiO ₂ Reduced by Hydrogen and Carbon Monoxide Treatment. ChemSusChem, 2018, 11, 2766-2775.	3.6	40
7	In-situ photo-deposition CuO cluster on TiO ₂ for enhanced photocatalytic H ₂ -production activity. International Journal of Hydrogen Energy, 2017, 42, 19942-19950.	3.8	38
8	Theoretical calculations and controllable synthesis of MoSe ₂ /CdS-CdSe with highly active sites for photocatalytic hydrogen evolution. Chemical Engineering Journal, 2020, 383, 123133.	6.6	33
9	Design of cocatalyst loading position for photocatalytic water splitting into hydrogen in electrolyte solutions. International Journal of Hydrogen Energy, 2018, 43, 5551-5560.	3.8	26
10	Preparation of CdS-CoS _x photocatalysts and their photocatalytic and photoelectrochemical characteristics for hydrogen production. International Journal of Hydrogen Energy, 2019, 44, 27795-27805.	3.8	26
11	MoS ₂ supported on hydrogenated TiO ₂ heterostructure film as photocathode for photoelectrochemical hydrogen production. International Journal of Hydrogen Energy, 2019, 44, 31008-31019.	3.8	20
12	Dual Functional CuO Clusters for Enhanced Photocatalytic Activity and Stability of a Pt Cocatalyst in an Overall Water-Splitting Reaction. ACS Sustainable Chemistry and Engineering, 2018, 6, 17340-17351.	3.2	15