Yun Liu

List of Publications by Year
in descending order

11 papers	1,852 citations	1040056 9 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	2888 citing authors

#	Article	IF	Citations
1	N-induced lattice contraction generally boosts the hydrogen evolution catalysis of P-rich metal phosphides. Science Advances, 2020, 6, eaaw8113.	10.3	211
2	Orbital-regulated interfacial electronic coupling endows Ni3N with superior catalytic surface for hydrogen evolution reaction. Science China Chemistry, 2020, 63, 1563-1569.	8.2	22
3	Phosphorene: a Potential 2D Material for Highly Efficient Polysulfide Trapping and Conversion. Chemical Research in Chinese Universities, 2020, 36, 631-639.	2.6	6
4	Regulating the Interfacial Electronic Coupling of Fe₂N via Orbital Steering for Hydrogen Evolution Catalysis. Advanced Materials, 2020, 32, e1904346.	21.0	86
5	Water Splitting: Boosting Water Dissociation Kinetics on Ptâ€“Ni Nanowires by Nâ€Induced Orbital Tuning (Adv. Mater. 16/2019). Advanced Materials, 2019, 31, 1970116.	21.0	1
6	Manipulating the water dissociation kinetics of Ni₃N nanosheets via in situ interfacial engineering. Journal of Materials Chemistry A, 2019, 7, 10924-10929.	10.3	79
7	Boosting Water Dissociation Kinetics on Ptâ€“Ni Nanowires by Nâ€Induced Orbital Tuning. Advanced Materials, 2019, 31, e1807780.	21.0	167
8	Tailoring the dâ€Band Centers Enables Co₄N Nanosheets To Be Highly Active for Hydrogen Evolution Catalysis. Angewandte Chemie - International Edition, 2018, 57, 5076-5080.	13.8	728
9	Tailoring the dâ€Band Centers Enables Co₄N Nanosheets To Be Highly Active for Hydrogen Evolution Catalysis. Angewandte Chemie, 2018, 130, 5170-5174.	2.0	160
10	Design and Epitaxial Growth of MoSe₂â€“NiSe Vertical Heteronanostructures with Electronic Modulation for Enhanced Hydrogen Evolution Reaction. Chemistry of Materials, 2016, 28, 1838-1846.	6.7	310
11	3D architecture constructed via the confined growth of MoS₂nanosheets in nanoporous carbon derived from metalâ€“organic frameworks for efficient hydrogen production. Nanoscale, 2015, 7, 18004-18009.	5.6	82