

# Yun Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

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