

# Haiqing Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2520770/publications.pdf>

Version: 2024-02-01

28  
papers

4,694  
citations

304743

22  
h-index

501196

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

5923  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development prospects of metal-based two-dimensional nanomaterials in lithium-sulfur batteries. Chinese Chemical Letters, 2023, 34, 107130.	9.0	15
2	In situ electrochemical dehydrogenation of ultrathin Co(OH) <sub>2</sub> nanosheets for enhanced hydrogen evolution. Chinese Chemical Letters, 2023, 34, 107248.	9.0	19
3	Engineering In-plane Nickel Phosphide Heterointerfaces with Interfacial sp <sup>3</sup> /p Hybridization for Highly Efficient and Durable Hydrogen Evolution at 2 A cm <sup>-2</sup> . Small, 2022, 18, e2105642.	10.0	57
4	Boosting Alkaline Hydrogen and Oxygen Evolution Kinetic Process of Tungsten Disulfide-Based Heterostructures by Multi-site Engineering. Small, 2022, 18, e2104624.	10.0	44
5	Accelerating pH-universal hydrogen-evolving activity of a hierarchical hybrid of cobalt and dinickel phosphides by interfacial chemical bonds. Materials Today Physics, 2022, 22, 100589.	6.0	20
6	Innovative strategies in design of transition metal-based catalysts for large-current-density alkaline water/seawater electrolysis. Materials Today Physics, 2022, 26, 100727.	6.0	41
7	Boosting pH-universal Hydrogen Evolution of Molybdenum Disulfide Particles by Interfacial Engineering. Chinese Journal of Chemistry, 2021, 39, 288-294.	4.9	18
8	Large-current-stable bifunctional nanoporous Fe-rich nitride electrocatalysts for highly efficient overall water and urea splitting. Journal of Materials Chemistry A, 2021, 9, 10199-10207.	10.3	87
9	Promoting nitrogen photofixation over a periodic WS <sub>2</sub> @TiO <sub>2</sub> nanoporous film. Journal of Materials Chemistry A, 2020, 8, 1059-1065.	10.3	44
10	Robust Hydrogen-Evolving Electrocatalyst from Heterogeneous Molybdenum Disulfide-Based Catalyst. ACS Catalysis, 2020, 10, 1511-1519.	11.2	88
11	Highly Robust Non-noble Alkaline Hydrogen-Evolving Electrocatalyst from Se-doped Molybdenum Disulfide Particles on Interwoven CoSe <sub>2</sub> Nanowire Arrays. Small, 2020, 16, e1906629.	10.0	70
12	Highly Efficient Hydrogen Evolution from a Mesoporous Hybrid of Nickel Phosphide Nanoparticles Anchored on Cobalt Phosphosulfide/Phosphide Nanosheet Arrays. Small, 2019, 15, e1804272.	10.0	87
13	Amorphous NiFe layered double hydroxide nanosheets decorated on 3D nickel phosphide nanoarrays: a hierarchical core-shell electrocatalyst for efficient oxygen evolution. Journal of Materials Chemistry A, 2018, 6, 13619-13623.	10.3	169
14	Highly efficient hydrogen evolution by self-standing nickel phosphide-based hybrid nanosheet arrays electrocatalyst. Materials Today Physics, 2018, 4, 1-6.	6.0	72
15	Hierarchical CoP/Ni <sub>5</sub> P <sub>4</sub> /CoP microsheets arrays as a robust pH-universal electrocatalyst for efficient hydrogen generation. Energy and Environmental Science, 2018, 11, 2246-2252.	30.8	306
16	Water splitting by electrolysis at high current densities under 1.6 volts. Energy and Environmental Science, 2018, 11, 2858-2864.	30.8	438
17	High-performance bifunctional porous non-noble metal phosphide catalyst for overall water splitting. Nature Communications, 2018, 9, 2551.	12.8	812
18	Bi <sub>2</sub> Se <sub>3</sub> /C Nanocomposite as a New Sodium-Ion Battery Anode Material. Nano-Micro Letters, 2018, 10, 50.	27.0	65

#	ARTICLE	IF	CITATIONS
19	Three-Dimensional Nanoporous Iron Nitride Film as an Efficient Electrocatalyst for Water Oxidation. ACS Catalysis, 2017, 7, 2052-2057.	11.2	207
20	Gold micromeshes as highly active electrocatalysts for methanol oxidation reaction. RSC Advances, 2017, 7, 22479-22484.	3.6	11
21	Highly active catalyst derived from a 3D foam of Fe(PO <sub>3</sub> ) <sub>2</sub> /Ni <sub>2</sub> P for extremely efficient water oxidation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5607-5611.	7.1	302
22	Outstanding hydrogen evolution reaction catalyzed by porous nickel diselenide electrocatalysts. Energy and Environmental Science, 2017, 10, 1487-1492.	30.8	176
23	Cu nanowires shelled with NiFe layered double hydroxide nanosheets as bifunctional electrocatalysts for overall water splitting. Energy and Environmental Science, 2017, 10, 1820-1827.	30.8	1,002
24	Highly active and durable self-standing WS <sub>2</sub> /graphene hybrid catalysts for the hydrogen evolution reaction. Journal of Materials Chemistry A, 2016, 4, 9472-9476.	10.3	75
25	Efficient hydrogen evolution by ternary molybdenum sulfoselenide particles on self-standing porous nickel diselenide foam. Nature Communications, 2016, 7, 12765.	12.8	312
26	Highly Efficient Hydrogen Evolution from Edge-Oriented WS <sub>2</sub> (1-x)/Se <sub>2</sub> (x) Particles on Three-Dimensional Porous NiSe <sub>2</sub> Foam. Nano Letters, 2016, 16, 7604-7609.	9.1	121
27	Chemical Reduction of Nd <sub>1.85</sub> Ce <sub>0.15</sub> CuO <sub>4</sub> Powders in Supercritical Sodium Ammonia Solutions. Advances in Condensed Matter Physics, 2015, 2015, 1-5.	1.1	1
28	Well-oriented epitaxial gold nanotriangles and bowties on MoS <sub>2</sub> for surface-enhanced Raman scattering. Nanoscale, 2015, 7, 9153-9157.	5.6	35