

# Meirong Huang

## List of Publications by Year in descending order

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24  
papers

927  
citations

643344

15  
h-index

685536

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g-index

24  
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docs citations

24  
times ranked

1918  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances of Graphene and Related Materials in Artificial Intelligence. <i>Advanced Intelligent Systems</i> , 2022, 4, .	3.3	8
2	Hydrophobic ionic liquid-in-polymer composites for ultrafast, linear response and highly sensitive humidity sensing. <i>Nano Research</i> , 2021, 14, 1202-1209.	5.8	23
3	A highly efficient Fe-doped Ni <sub>3</sub> S <sub>2</sub> electrocatalyst for overall water splitting. <i>Nano Research</i> , 2021, 14, 4740-4747.	5.8	52
4	Thermally Evaporated Ag@Au Bimetallic Catalysts for Efficient Electrochemical CO <sub>2</sub> Reduction. <i>Particle and Particle Systems Characterization</i> , 2021, 38, 2100148.	1.2	5
5	Enhanced Catalytic Mechanism of Twin-Structured BiVO <sub>4</sub> . <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 10610-10615.	2.1	4
6	Excellent stability of molecular catalyst/BiVO <sub>4</sub> photoanode in borate buffer solution. <i>Nano Energy</i> , 2020, 70, 104487.	8.2	23
7	Morphology-controlled Tantalum Diselenide Structures as Self-optimizing Hydrogen Evolution Catalysts. <i>Energy and Environmental Materials</i> , 2020, 3, 12-18.	7.3	17
8	High-quality bilayer graphene grown on softened copper foils by atmospheric pressure chemical vapor deposition. <i>Science China Materials</i> , 2020, 63, 1973-1982.	3.5	11
9	Nanoporous silver using pulsed laser deposition for high-performance oxygen reduction reaction and hydrogen peroxide sensing. <i>Nanoscale</i> , 2020, 12, 19413-19419.	2.8	14
10	Sustained and Controlled Release of Volatile Precursors for Chemical Vapor Deposition of Graphene at Atmospheric Pressure. <i>Chemistry - A European Journal</i> , 2020, 26, 7463-7469.	1.7	4
11	Large area high-performance bismuth vanadate photoanode for efficient solar water splitting. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3845-3850.	5.2	30
12	A wrinkled graphene and ionic liquid based electric generator for the sea energy harvesting. <i>2D Materials</i> , 2019, 6, 045040.	2.0	9
13	One-step synthesis of a hierarchical self-supported WS <sub>2</sub> film for efficient electrocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22405-22411.	5.2	33
14	A non-covalent cation-π interaction-based humidity-driven electric nanogenerator prepared with salt decorated wrinkled graphene. <i>Nano Energy</i> , 2019, 62, 189-196.	8.2	23
15	Graphene Oxide Promoted Cadmium Uptake by Rice in Soil. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10283-10292.	3.2	29
16	Highly Efficient NiFe Nanoparticle Decorated Si Photoanode for Photoelectrochemical Water Oxidation. <i>Chemistry of Materials</i> , 2019, 31, 171-178.	3.2	34
17	Long-term electrical conductivity stability of graphene under uncontrolled ambient conditions. <i>Carbon</i> , 2018, 133, 410-415.	5.4	7
18	Direct growth of high crystallinity graphene from water-soluble polymer powders. <i>2D Materials</i> , 2018, 5, 035001.	2.0	8

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19	Twin Structure in BiVO <sub>4</sub> Photoanodes Boosting Water Oxidation Performance through Enhanced Charge Separation and Transport. <i>Advanced Energy Materials</i> , 2018, 8, 1802198.	10.2	61
20	In situ electrodeposition of polypyrrole onto TaSe <sub>2</sub> nanobelts quasi-arrays for high-capacitance supercapacitor. <i>Nanoscale</i> , 2018, 10, 17341-17346.	2.8	19
21	Strong Adhesion of Graphene Oxide Coating on Polymer Separation Membranes. <i>Langmuir</i> , 2018, 34, 10569-10579.	1.6	26
22	Graphene oxide as an antimicrobial agent can extend the vase life of cut flowers. <i>Nano Research</i> , 2018, 11, 6010-6022.	5.8	28
23	The physics and chemistry of graphene-on-surfaces. <i>Chemical Society Reviews</i> , 2017, 46, 4417-4449.	18.7	309
24	Cobalt and nickel selenide nanowalls anchored on graphene as bifunctional electrocatalysts for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14789-14795.	5.2	150