Meirong Huang

List of Publications by Year
in descending order

24	927	567247 15	610883 24
papers	citations	h-index	g-index

24	24	24	1677
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent Advances of Graphene and Related Materials in Artificial Intelligence. Advanced Intelligent Systems, 2022, 4, .	6.1	8
2	Hydrophobic ionic liquid-in-polymer composites for ultrafast, linear response and highly sensitive humidity sensing. Nano Research, 2021, 14, 1202-1209.	10.4	23
3	A highly efficient Fe-doped Ni3S2 electrocatalyst for overall water splitting. Nano Research, 2021, 14, 4740-4747.	10.4	52
4	Thermally Evaporated Agâ€“Au Bimetallic Catalysts for Efficient Electrochemical CO₂ Reduction. Particle and Particle Systems Characterization, 2021, 38, 2100148.	2.3	5
5	Enhanced Catalytic Mechanism of Twin-Structured BiVO₄. Journal of Physical Chemistry Letters, 2021, 12, 10610-10615.	4.6	4
6	Excellent stability of molecular catalyst/BiVO4 photoanode in borate buffer solution. Nano Energy, 2020, 70, 104487.	16.0	23
7	Morphologyâ€controlled Tantalum Diselenide Structures as Selfâ€optimizing Hydrogen Evolution Catalysts. Energy and Environmental Materials, 2020, 3, 12-18.	12.8	17
8	High-quality bilayer graphene grown on softened copper foils by atmospheric pressure chemical vapor deposition. Science China Materials, 2020, 63, 1973-1982.	6.3	11
9	Nanoporous silver using pulsed laser deposition for high-performance oxygen reduction reaction and hydrogen peroxide sensing. Nanoscale, 2020, 12, 19413-19419.	5.6	14
10	Sustained and Controlled Release of Volatile Precursors for Chemical Vapor Deposition of Graphene at Atmospheric Pressure. Chemistry - A European Journal, 2020, 26, 7463-7469.	3.3	4
11	Large area high-performance bismuth vanadate photoanode for efficient solar water splitting. Journal of Materials Chemistry A, 2020, 8, 3845-3850.	10.3	30
12	A wrinkled graphene and ionic liquid based electric generator for the sea energy harvesting. 2D Materials, 2019, 6, 045040.	4.4	9
13	One-step synthesis of a hierarchical self-supported WS₂ film for efficient electrocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2019, 7, 22405-22411.	10.3	33
14	A non-covalent cation-Ï€ interaction-based humidity-driven electric nanogenerator prepared with salt decorated wrinkled graphene. Nano Energy, 2019, 62, 189-196.	16.0	23
15	Graphene Oxide Promoted Cadmium Uptake by Rice in Soil. ACS Sustainable Chemistry and Engineering, 2019, 7, 10283-10292.	6.7	29
16	Highly Efficient NiFe Nanoparticle Decorated Si Photoanode for Photoelectrochemical Water Oxidation. Chemistry of Materials, 2019, 31, 171-178.	6.7	34
17	Long-term electrical conductivity stability of graphene under uncontrolled ambient conditions. Carbon, 2018, 133, 410-415.	10.3	7
18	Direct growth of high crystallinity graphene from water-soluble polymer powders. 2D Materials, 2018, 5, 035001.	4.4	8

#	Article	IF	Citations
19	Twin Structure in BiVO₄ Photoanodes Boosting Water Oxidation Performance through Enhanced Charge Separation and Transport. Advanced Energy Materials, 2018, 8, 1802198.	19.5	61
20	In situ electrodeposition of polypyrrole onto TaSe2 nanobelts quasi-arrays for high-capacitance supercapacitor. Nanoscale, 2018, 10, 17341-17346.	5.6	19
21	Strong Adhesion of Graphene Oxide Coating on Polymer Separation Membranes. Langmuir, 2018, 34, 10569-10579.	3.5	26
22	Graphene oxide as an antimicrobial agent can extend the vase life of cut flowers. Nano Research, 2018, 11, 6010-6022.	10.4	28
23	The physics and chemistry of graphene-on-surfaces. Chemical Society Reviews, 2017, 46, 4417-4449.	38.1	309
24	Cobalt and nickel selenide nanowalls anchored on graphene as bifunctional electrocatalysts for overall water splitting. Journal of Materials Chemistry A, 2016, 4, 14789-14795.	10.3	150