Miao Zhong

List of Publications by Year
in descending order

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31	2,928	471061 17	525886 27
papers	citations	h-index	g-index

32	32	32	4910
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Scalable water splitting on particulate photocatalyst sheets with a solar-to-hydrogen energy conversion efficiency exceeding 1%. Nature Materials, 2016, 15, 611-615.	13.3	1,311
2	Surface Modification of CoO_x Loaded BiVO₄ Photoanodes with Ultrathin p-Type NiO Layers for Improved Solar Water Oxidation. Journal of the American Chemical Society, 2015, 137, 5053-5060.	6.6	542
3	Efficient Assembly of Bridged Î²â€Ga₂O₃ Nanowires for Solarâ€Blind Photodetection. Advanced Functional Materials, 2010, 20, 3972-3978.	7.8	292
4	Highly Active GaNâ€Stabilized Ta₃N₅ Thinâ€Film Photoanode for Solar Water Oxidation. Angewandte Chemie - International Edition, 2017, 56, 4739-4743.	7.2	130
5	Fabrication of Hierarchical ZnO Architectures and Their Superhydrophobic Surfaces with Strong Adhesive Force. Inorganic Chemistry, 2008, 47, 3140-3143.	1.9	79
6	ZnOâ€“ZnGa₂O₄coreâ€“shell nanowire array for stable photoelectrochemical water splitting. Nanoscale, 2012, 4, 1509-1514.	2.8	77
7	A conductive ZnOâ€“ZnGaON nanowire-array-on-a-film photoanode for stable and efficient sunlight water splitting. Energy and Environmental Science, 2014, 7, 1693.	15.6	75
8	Synthesis of Nanostructured BaTaO₂N Thin Films as Photoanodes for Solar Water Splitting. Journal of Physical Chemistry C, 2016, 120, 15758-15764.	1.5	68
9	Oxygen-deficient WO_{3â^'x}@TiO_{2â^'x} coreâ€“shell nanosheets for efficient photoelectrochemical oxidation of neutral water solutions. Journal of Materials Chemistry A, 2017, 5, 14697-14706.	5.2	68
10	Bulky crystalline BiVO₄ thin films for efficient solar water splitting. Journal of Materials Chemistry A, 2016, 4, 9858-9864.	5.2	40
11	Highly Active GaNâ€Stabilized Ta₃N₅ Thinâ€Film Photoanode for Solar Water Oxidation. Angewandte Chemie, 2017, 129, 4817-4821.	1.6	31
12	ZnO dense nanowire array on a film structure in a single crystal domain texture for optical and photoelectrochemical applications. Nanotechnology, 2012, 23, 495602.	1.3	25
13	Facile and Large-Area Preparation of Porous Ag₃PO₄ Photoanodes for Enhanced Photoelectrochemical Water Oxidation. ACS Applied Materials & Interfaces, 2017, 9, 19507-19512.	4.0	21
14	Engineering MoSx/Ti/InP Hybrid Photocathode for Improved Solar Hydrogen Production. Scientific Reports, 2016, 6, 29738.	1.6	19
15	Unique Three-Dimensional InP Nanopore Arrays for Improved Photoelectrochemical Hydrogen Production. ACS Applied Materials & Interfaces, 2016, 8, 22493-22500.	4.0	18
16	Self-assembly of versatile tubular-like In2O3nanostructures. Nanotechnology, 2007, 18, 465605.	1.3	17
17	Enhancement of Charge Separation and Hydrogen Evolution on Particulate La₅Ti₂CuS₅O₇ Photocathodes by Surface Modification. Journal of Physical Chemistry Letters, 2017, 8, 375-379.	2.1	17
18	Facile Synthesis of Hollow TiO₂ Single Nanocrystals with Improved Photocatalytic and Photoelectrochemical Activities. ChemPlusChem, 2015, 80, 688-696.	1.3	15

#	Article	IF	Citations
19	Direct integration of vertical In2O3 nanowire arrays, nanosheet chains, and photoinduced reversible switching of wettability. Applied Physics Letters, 2008, 92, .	1.5	14
20	Stability of hydrogen incorporated in ZnO nanowires by plasma treatment. Nanotechnology, 2011, 22, 435703.	1.3	13
21	Vertically aligned ZnOâ€“ZnGa2O4 coreâ€“shell nanowires: from synthesis to optical properties. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	12
22	Efficient photoelectrochemical hydrogen production over CuInS₂photocathodes modified with amorphous Ni-MoS_xoperating in a neutral electrolyte. Sustainable Energy and Fuels, 2020, 4, 1607-1611.	2.5	10
23	The Relationship Between Metabolic Parameters, Age, and Thyroid Status: A Cross-Sectional Study-Based National Survey of Iodine Nutrition, Thyroid Disease. Risk Management and Healthcare Policy, 2021, Volume 14, 1723-1730.	1.2	7
24	Intractable hiccups as a rare gastrointestinal manifestation in severe endocrine and metabolic crisis: case report and review of the literature. Therapeutic Advances in Endocrinology and Metabolism, 2020, 11, 204201882093430.	1.4	6
25	Effect of hydrogen plasma treatment on the luminescence and photoconductive properties of ZnO nanowires. Materials Research Society Symposia Proceedings, 2009, 1206, 130301.	0.1	3
26	Pain Management in People with Diabetes-Related Chronic Limb-Threatening Ischemia. Journal of Diabetes Research, 2021, 2021, 1-11.	1.0	2
27	Bridging wide bandgap nanowires for ultraviolet light detection. , 2011, , .		0
28	Morphological evolution of large-scale vertically aligned ZnO nanowires and their photoluminescence properties by hydrogen plasma treatment. Materials Research Society Symposia Proceedings, 2011, 1302, 8101.	0.1	0
29	Spectroscopic determination of the flatband potential and carrier density of ZnO nanowire array with/without hydrogen plasma treatment. Proceedings of SPIE, 2012, , .	0.8	0
30	Nanowires on a Film for Photoelectrochemical Water Splitting. , 2012, , .		0
31	PHOTOANODIC AND PHOTOCATHODIC MATERIALS APPLIED FOR FREE-RUNNING SOLAR WATER SPLITTING DEVICES. , 2018, , 251-289.		0