

Tingting Yao

List of Publications by Year in descending order

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13
papers

1,203
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

2077
citing authors

#	ARTICLE	IF	CITATIONS
1	Interface engineering with an AlO _x dielectric layer enabling an ultrastable Ta ₃ N ₅ photoanode for photoelectrochemical water oxidation. Journal of Materials Chemistry A, 2021, 9, 11285-11290.	10.3	17
2	Flexible and thermal conducting multi-walled carbon nanotubes/waterborne polyurethane composite film from in situ polymerization for efficient electromagnetic interference shielding. Journal of Materials Science: Materials in Electronics, 2021, 32, 4393-4403.	2.2	10
3	Simultaneous Photoelectrocatalytic Water Oxidation and Oxygen Reduction for Solar Electricity Production in Alkaline Solution. ChemSusChem, 2019, 12, 1026-1032.	6.8	34
4	Earth-Abundant Transition-Metal-Based Electrocatalysts for Water Electrolysis to Produce Renewable Hydrogen. Chemistry - A European Journal, 2018, 24, 18334-18355.	3.3	203
5	Photoelectrocatalytic Materials for Solar Water Splitting. Advanced Energy Materials, 2018, 8, 1800210.	19.5	364
6	Fabrication and Kinetic Study of a Ferrihydrite-Modified BiVO ₄ Photoanode. ACS Catalysis, 2017, 7, 1868-1874.	11.2	151
7	Strategies for Efficient Charge Separation and Transfer in Artificial Photosynthesis of Solar Fuels. ChemSusChem, 2017, 10, 4277-4305.	6.8	75
8	Design and Fabrication of a Dual-Photoelectrode Fuel Cell towards Cost-Effective Electricity Production from Biomass. ChemSusChem, 2017, 10, 99-105.	6.8	51
9	Manipulating the Interfacial Energetics of n-type Silicon Photoanode for Efficient Water Oxidation. Journal of the American Chemical Society, 2016, 138, 13664-13672.	13.7	121
10	Integrating a dual-silicon photoelectrochemical cell into a redox flow battery for unassisted photocharging. Nature Communications, 2016, 7, 11474.	12.8	120
11	Substrate-Electrode Interface Engineering by an Electron-Transport Layer in Hematite Photoanode. ACS Applied Materials & Interfaces, 2016, 8, 7086-7091.	8.0	30
12	Enhancing the Performance of Amorphous-Silicon Photoanodes for Photoelectrocatalytic Water Oxidation. ChemSusChem, 2015, 8, 3987-3991.	6.8	17
13	Facile synthesis and optical properties of ultrathin Cu-doped ZnSe nanorods. CrystEngComm, 2013, 15, 10495.	2.6	10