Tingting Yao

List of Publications by Year
in descending order

13	1,203	840776 11	1125743 13
papers	citations	h-index	g-index

13	13	13	2077
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photoelectrocatalytic Materials for Solar Water Splitting. Advanced Energy Materials, 2018, 8, 1800210.	19.5	364
2	Earthâ€Abundant Transitionâ€Metalâ€Based Electrocatalysts for Water Electrolysis to Produce Renewable Hydrogen. Chemistry - A European Journal, 2018, 24, 18334-18355.	3.3	203
3	Fabrication and Kinetic Study of a Ferrihydrite-Modified BiVO₄ Photoanode. ACS Catalysis, 2017, 7, 1868-1874.	11.2	151
4	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
5	Integrating a dual-silicon photoelectrochemical cell into a redox flow battery for unassisted photocharging. Nature Communications, 2016, 7, 11474.	12.8	120
6	Strategies for Efficient Charge Separation and Transfer in Artificial Photosynthesis of Solar Fuels. ChemSusChem, 2017, 10, 4277-4305.	6.8	75
7	Design and Fabrication of a Dualâ€Photoelectrode Fuel Cell towards Costâ€Effective Electricity Production from Biomass. ChemSusChem, 2017, 10, 99-105.	6.8	51
8	Simultaneous Photoelectrocatalytic Water Oxidation and Oxygen Reduction for Solar Electricity Production in Alkaline Solution. ChemSusChem, 2019, 12, 1026-1032.	6.8	34
9	Substrateâ€“Electrode Interface Engineering by an Electron-Transport Layer in Hematite Photoanode. ACS Applied Materials & Interfaces, 2016, 8, 7086-7091.	8.0	30
10	Enhancing the Performance of Amorphousâ€Silicon Photoanodes for Photoelectrocatalytic Water Oxidation. ChemSusChem, 2015, 8, 3987-3991.	6.8	17
11	Interface engineering with an AlO_x dielectric layer enabling an ultrastable Ta₃N₅ photoanode for photoelectrochemical water oxidation. Journal of Materials Chemistry A, 2021, 9, 11285-11290.	10.3	17
12	Facile synthesis and optical properties of ultrathin Cu-doped ZnSe nanorods. CrystEngComm, 2013, 15, 10495.	2.6	10
13	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