Zhiji Han

List of Publications by Year
in descending order

11 papers	2,202 citations	840776 11 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	3072 citing authors

#	Article	IF	Citations
1	Combination of Organic Dye and Iron for CO₂ Reduction with Pentanuclear Fe₂Na₃ Purpurin Photocatalysts. Journal of the American Chemical Society, 2022, 144, 4305-4309.	13.7	25
2	Selective CO₂ Reduction to Ethylene Using Imidazolium-Functionalized Copper. ACS Applied Materials & Interfaces, 2022, 14, 27823-27832.	8.0	7
3	Promoting photocatalytic CO2 reduction with a molecular copper purpurin chromophore. Nature Communications, 2021, 12, 1835.	12.8	72
4	Rapid electron transfer via dynamic coordinative interaction boosts quantum efficiency for photocatalytic CO2 reduction. Nature Communications, 2021, 12, 4276.	12.8	69
5	Soft x-ray absorption spectroscopy of metalloproteins and high-valent metal-complexes at room temperature using free-electron lasers. Structural Dynamics, 2017, 4, 054307.	2.3	34
6	Photocatalytic Hydrogen Generation by CdSe/CdS Nanoparticles. Nano Letters, 2016, 16, 5347-5352.	9.1	162
7	Nickel Complexes for Robust Light-Driven and Electrocatalytic Hydrogen Production from Water. ACS Catalysis, 2015, 5, 1397-1406.	11.2	221
8	Fuel from Water: The Photochemical Generation of Hydrogen from Water. Accounts of Chemical Research, 2014, 47, 2537-2544.	15.6	302
9	Nickel Pyridinethiolate Complexes as Catalysts for the Light-Driven Production of Hydrogen from Aqueous Solutions in Noble-Metal-Free Systems. Journal of the American Chemical Society, 2013, 135, 14659-14669.	13.7	239
10	Robust Photogeneration of H ₂ in Water Using Semiconductor Nanocrystals and a Nickel Catalyst. Science, 2012, 338, 1321-1324.	12.6	716
11	A Nickel Thiolate Catalyst for the Longâ€Lived Photocatalytic Production of Hydrogen in a Nobleâ€Metalâ€Free System. Angewandte Chemie - International Edition, 2012, 51, 1667-1670.	13.8	298