

# Zhiji Han

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2083339/publications.pdf>

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