

# Xingyan Liu

## List of Publications by Year in descending order

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15  
papers

266  
citations

1040056

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Switching on photocatalytic NO oxidation and proton reduction of NH <sub>2</sub> -MIL-125(Ti) by convenient linker defect engineering. <i>Journal of Hazardous Materials</i> , 2022, 430, 128468.	12.4	26
2	Non-noble copper ion anchored on NH <sub>2</sub> -MIL-101(Fe) as a novel cocatalyst with transient metal centers for efficient photocatalytic water splitting. <i>Journal of Alloys and Compounds</i> , 2022, 905, 164153.	5.5	14
3	Recent Advances in Porphyrin-Based Systems for Electrochemical Oxygen Evolution Reaction. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6036.	4.1	19
4	Molecular Möbius strips: twist for a bright future. <i>Organic Chemistry Frontiers</i> , 2022, 9, 4171-4177.	4.5	5
5	<i>In situ</i> grown CdS on 2D Cd-based porphyrin MOFs enhances the significant separation and transfer of charge carriers with an appropriate heterojunction during photocatalytic hydrogen evolution. <i>Catalysis Science and Technology</i> , 2022, 12, 5077-5085.	4.1	5
6	NH <sub>2</sub> -MIL-125(Ti) with transient metal centers via novel electron transfer routes for enhancing photocatalytic NO removal and H <sub>2</sub> evolution. <i>Catalysis Science and Technology</i> , 2021, 11, 6225-6233.	4.1	9
7	Neodymium oxide (Nd <sub>2</sub> O <sub>3</sub> ) coupled tubular g-C <sub>3</sub> N <sub>4</sub> , an efficient dual-function catalyst for photocatalytic hydrogen production and NO removal. <i>Science of the Total Environment</i> , 2021, 773, 145583.	8.0	37
8	Enhanced stability and activity of Cu <sup>2+</sup> /BTC by trace Ru <sup>3+</sup> substitution in water photolysis for hydrogen evolution. <i>Catalysis Science and Technology</i> , 2021, 11, 7905-7913.	4.1	11
9	Recent Progress in Light-Driven Molecular Shuttles. <i>Frontiers in Chemistry</i> , 2021, 9, 832735.	3.6	11
10	Highly-dispersed ruthenium precursors <i>via</i> a self-assembly-assisted synthesis of uniform ruthenium nanoparticles for superior hydrogen evolution reaction. <i>RSC Advances</i> , 2020, 10, 14313-14316.	3.6	8
11	Noble-metal-free cobaloxime coupled with metal-organic frameworks NH <sub>2</sub> -MIL-125: A novel bifunctional photocatalyst for photocatalytic NO removal and H <sub>2</sub> evolution under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2020, 399, 122824.	12.4	32
12	Rh/polymeric carbon nitride porous tubular catalyst: visible light enhanced chlorophenol hydrodechlorination in base-free aqueous medium. <i>Catalysis Science and Technology</i> , 2019, 9, 6938-6945.	4.1	21
13	A catalytic cleavage strategy for fluorometric determination of Hg(II) based on the use of a Mg(II)-dependent split DNzyme and hairpins conjugated to gold nanoparticles. <i>Mikrochimica Acta</i> , 2018, 185, 457.	5.0	8
14	Ultrasensitive colorimetric and fluorometric detection of Hg(II) based on the use of gold nanoparticles and a catalytic hairpin assembly. <i>Mikrochimica Acta</i> , 2017, 184, 4741-4747.	5.0	16
15	Simultaneous fluorescent detection of multiple metal ions based on the DNzymes and graphene oxide. <i>Analytica Chimica Acta</i> , 2017, 986, 115-121.	5.4	44