

# Yiyang Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6835283/publications.pdf>

Version: 2024-02-01

13  
papers

1,667  
citations

686830

13  
h-index

1125271

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

2371  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced catalytic activity of ceria nanorods from well-defined reactive crystal planes. <i>Journal of Catalysis</i> , 2005, 229, 206-212.	3.1	1,010
2	Photocatalytic water splitting by N-TiO <sub>2</sub> on MgO (111) with exceptional quantum efficiencies at elevated temperatures. <i>Nature Communications</i> , 2019, 10, 4421.	5.8	151
3	Characterisation of oxygen defects and nitrogen impurities in TiO <sub>2</sub> photocatalysts using variable-temperature X-ray powder diffraction. <i>Nature Communications</i> , 2021, 12, 661.	5.8	97
4	High Loading of Transition Metal Single Atoms on Chalcogenide Catalysts. <i>Journal of the American Chemical Society</i> , 2021, 143, 7979-7990.	6.6	93
5	Differentiating Surface Ce Species among CeO <sub>2</sub> Facets by Solid-State NMR for Catalytic Correlation. <i>ACS Catalysis</i> , 2020, 10, 4003-4011.	5.5	59
6	Responses of Defect-Rich Zr-Based Metal-Organic Frameworks toward NH <sub>3</sub> Adsorption. <i>Journal of the American Chemical Society</i> , 2021, 143, 3205-3218.	6.6	47
7	Local magnetic spin mismatch promoting photocatalytic overall water splitting with exceptional solar-to-hydrogen efficiency. <i>Energy and Environmental Science</i> , 2022, 15, 265-277.	15.6	37
8	2D photocatalysts with tuneable supports for enhanced photocatalytic water splitting. <i>Materials Today</i> , 2020, 41, 34-43.	8.3	36
9	Recent progress and strategies for enhancing photocatalytic water splitting. <i>Materials Today Sustainability</i> , 2020, 9, 100032.	1.9	35
10	Unravelling the key role of surface features behind facet-dependent photocatalysis of anatase TiO <sub>2</sub> . <i>Chemical Communications</i> , 2019, 55, 4415-4418.	2.2	34
11	Fe on molecular-layer MoS <sub>2</sub> as inorganic Fe-S <sub>2</sub> -Mo motifs for light-driven nitrogen fixation to ammonia at elevated temperatures. <i>Chem Catalysis</i> , 2021, 1, 162-182.	2.9	32
12	Atomic-Precision Tailoring of Au-Ag Core-Shell Composite Nanoparticles for Direct Electrochemical-Plasmonic Hydrogen Evolution in Water Splitting. <i>Advanced Functional Materials</i> , 2021, 31, 2102517.	7.8	21
13	Unusual Catalytic Properties of High-Energetic-Facet Polar Metal Oxides. <i>Accounts of Chemical Research</i> , 2021, 54, 366-378.	7.6	15