

# Yifan Li

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

3,306  
citations

623734

14  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

4232  
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing materials for electrochemical carbon dioxide recycling. <i>Nature Catalysis</i> , 2019, 2, 648-658.	34.4	838
2	Copper nanoparticle ensembles for selective electroreduction of CO <sub>2</sub> to C <sub>2</sub> and C <sub>3</sub> products. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10560-10565.	7.1	479
3	Sulfur-Modulated Tin Sites Enable Highly Selective Electrochemical Reduction of CO <sub>2</sub> to Formate. <i>Joule</i> , 2017, 1, 794-805.	24.0	390
4	Structure-Sensitive CO <sub>2</sub> Electroreduction to Hydrocarbons on Ultrathin 5-fold Twinned Copper Nanowires. <i>Nano Letters</i> , 2017, 17, 1312-1317.	9.1	363
5	Tunable Cu Enrichment Enables Designer Syngas Electrosynthesis from CO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2017, 139, 9359-9363.	13.7	260
6	Cu-Ag Tandem Catalysts for High-Rate CO <sub>2</sub> Electrolysis toward Multicarbon. <i>Joule</i> , 2020, 4, 1688-1699.	24.0	239
7	Tandem Catalysis for CO <sub>2</sub> Hydrogenation to C <sub>2</sub> and C <sub>4</sub> Hydrocarbons. <i>Nano Letters</i> , 2017, 17, 3798-3802.	9.1	183
8	Directed Assembly of Nanoparticle Catalysts on Nanowire Photoelectrodes for Photoelectrochemical CO <sub>2</sub> Reduction. <i>Nano Letters</i> , 2016, 16, 5675-5680.	9.1	125
9	Address the "alkalinity problem" in CO <sub>2</sub> electrolysis with catalyst design and translation. <i>Joule</i> , 2021, 5, 737-742.	24.0	110
10	Selective CO <sub>2</sub> electrocatalysis at the pseudocapacitive nanoparticle/ordered-ligand interlayer. <i>Nature Energy</i> , 2020, 5, 1032-1042.	39.5	99
11	Electrochemically scrambled nanocrystals are catalytically active for CO <sub>2</sub> -to-multicarbon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9194-9201.	7.1	99
12	Electrocatalytic Rate Alignment Enhances Syngas Generation. <i>Joule</i> , 2019, 3, 257-264.	24.0	62
13	Nanoparticle Assembly Induced Ligand Interactions for Enhanced Electrocatalytic CO <sub>2</sub> Conversion. <i>Journal of the American Chemical Society</i> , 2021, 143, 19919-19927.	13.7	32
14	The presence and role of the intermediary CO reservoir in heterogeneous electroreduction of CO <sub>2</sub> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2201922119.	7.1	17
15	Co-feeding copper catalysts couple carbon. <i>Nature Nanotechnology</i> , 2019, 14, 1002-1003.	31.5	5
16	News from a postpandemic world. <i>Science</i> , 2020, 369, 26-29.	12.6	5