

# Xinyi Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5741237/publications.pdf>

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11  
papers

670  
citations

1040056

9  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

772  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical CO <sub>2</sub> -to-ethylene conversion on polyamine-incorporated Cu electrodes. <i>Nature Catalysis</i> , 2021, 4, 20-27.	34.4	313
2	Controlling Speciation during CO <sub>2</sub> Reduction on Cu-Alloy Electrodes. <i>ACS Catalysis</i> , 2020, 10, 672-682.	11.2	107
3	Potential Dependence of the Local pH in a CO <sub>2</sub> Reduction Electrolyzer. <i>ACS Catalysis</i> , 2021, 11, 255-263.	11.2	77
4	Binder-Focused Approaches to Improve the Stability of Cathodes for CO <sub>2</sub> Electroreduction. <i>ACS Applied Energy Materials</i> , 2021, 4, 5175-5186.	5.1	53
5	Potential-Dependent Layering in the Electrochemical Double Layer of Water-in-Salt Electrolytes. <i>ACS Applied Energy Materials</i> , 2020, 3, 8086-8094.	5.1	28
6	Covalent Ag-C Bonding Contacts from Unprotected Terminal Acetylenes for Molecular Junctions. <i>Nano Letters</i> , 2020, 20, 5490-5495.	9.1	25
7	Decreasing the Energy Consumption of the CO <sub>2</sub> Electrolysis Process Using a Magnetic Field. <i>ACS Energy Letters</i> , 2021, 6, 2427-2433.	17.4	24
8	Effect of Support on Oxygen Reduction Reaction Activity of Supported Iron Porphyrins. <i>ACS Catalysis</i> , 2022, 12, 1139-1149.	11.2	18
9	Highly Enhanced Fluorescence of CdSeTe Quantum Dots Coated with Polyanilines via In-Situ Polymerization and Cell Imaging Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 19126-19133.	8.0	16
10	Understanding the influence of carbon addition on the corrosion behavior and mechanical properties of Al alloy. <i>Journal of Materials Science</i> , 2019, 54, 2668-2679.	3.7	6
11	Conversion of Co Nanoparticles to CoS in Metal-Organic Framework-Derived Porous Carbon during Cycling Facilitates Na <sub>2</sub> S Reactivity in a Na-S Battery. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 29285-29295.	8.0	3