

# Xinyi Chen

## List of Publications by Year in descending order

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

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papers

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1040056

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docs citations

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772  
citing authors

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