

# Ximeng Lv

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10194747/publications.pdf>

Version: 2024-02-01

15  
papers

1,088  
citations

759233

12  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1344  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Defect and Interface Engineering for Aqueous Electrocatalytic CO <sub>2</sub> Reduction. <i>Joule</i> , 2018, 2, 2551-2582.   | 24.0 | 459       |
| 2  | Nanostructured Copper-Based Electrocatalysts for CO <sub>2</sub> Reduction. <i>Small Methods</i> , 2018, 2, 1800121.  | 8.6  | 139       |
| 3  | Electron-Deficient Cu Sites on Cu <sub>3</sub> Ag Catalyst Promoting CO <sub>2</sub> Electroreduction to Alcohols. <i>Advanced Energy Materials</i> , 2020, 10, 2001987.  | 19.5 | 117       |
| 4  | Electron Localization and Lattice Strain Induced by Surface Lithium Doping Enable Ampere-Level Electrosynthesis of Formate from CO <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25741-25745. | 13.8 | 66        |
| 5  | Dual-Atomic Cu Sites for Electrocatalytic CO Reduction to C <sub>2+</sub> Products. , 2021, 3, 1729-1737.   |      | 66        |
| 6  | Selective carbon dioxide electroreduction to ethylene and ethanol by core-shell copper/cuprous oxide. <i>Journal of Colloid and Interface Science</i> , 2019, 552, 426-431.   | 9.4  | 53        |
| 7  | Electrocatalytic Methane Oxidation Greatly Promoted by Chlorine Intermediates. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17398-17403.  | 13.8 | 43        |
| 8  | Efficient CO <sub>2</sub> Electroreduction to Ethanol by Cu <sub>3</sub> Sn Catalyst. <i>Small Methods</i> , 2022, 6, e2101334.   | 8.6  | 39        |
| 9  | Efficient carboxylation of styrene and carbon dioxide by single-atomic copper electrocatalyst. <i>Journal of Colloid and Interface Science</i> , 2021, 601, 378-384.  | 9.4  | 27        |
| 10 | Electron Localization and Lattice Strain Induced by Surface Lithium Doping Enable Ampere-Level Electrosynthesis of Formate from CO <sub>2</sub> . <i>Angewandte Chemie</i> , 2021, 133, 25945-25949.                        | 2.0  | 19        |
| 11 | Hydroxy-Group-Enriched In <sub>2</sub> O <sub>3</sub> Facilitates CO <sub>2</sub> Electroreduction to Formate at Large Current Densities. <i>Advanced Materials Interfaces</i> , 2022, 9, .                                 | 3.7  | 19        |
| 12 | In situ formed Co clusters in selective oxidation of $\hat{1}\pm$ -C H bond: Stabilizing effect from reactants. <i>Molecular Catalysis</i> , 2019, 470, 1-7.  | 2.0  | 16        |
| 13 | Inverse gas chromatography applied in the surface properties evaluation of mesocellular silica foams modified by sized nickel nanoparticles. <i>Journal of Chromatography A</i> , 2013, 1322, 81-89.                        | 3.7  | 13        |
| 14 | Electrochemical conversion of C1 molecules to sustainable fuels in solid oxide electrolysis cells. <i>Chinese Journal of Catalysis</i> , 2022, 43, 92-103.  | 14.0 | 8         |
| 15 | Electrocatalytic Methane Oxidation Greatly Promoted by Chlorine Intermediates. <i>Angewandte Chemie</i> , 2021, 133, 17538-17543.   | 2.0  | 4         |