

# Aoxue Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8381380/publications.pdf>

Version: 2024-02-01

17  
papers

1,364  
citations

759233

12  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2014  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Electrolytic CO <sub>2</sub> Reduction in a Flow Cell. <i>Accounts of Chemical Research</i> , 2018, 51, 910-918.  | 15.6 | 735       |
| 2  | Electrocatalytic Alloys for CO <sub>2</sub> Reduction. <i>ChemSusChem</i> , 2018, 11, 48-57.  | 6.8  | 249       |
| 3  | On the Electrolytic Stability of Iron-Nickel Oxides. <i>CheM</i> , 2017, 2, 590-597.  | 11.7 | 104       |
| 4  | Brass and Bronze as Effective CO <sub>2</sub> Reduction Electrocatalysts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16579-16582.   | 13.8 | 43        |
| 5  | Selective hydrogenation of furfural using a membrane reactor. <i>Energy and Environmental Science</i> , 2022, 15, 215-224.  | 30.8 | 37        |
| 6  | Conversion of Reactive Carbon Solutions into CO at Low Voltage and High Carbon Efficiency. <i>ACS Central Science</i> , 2022, 8, 749-755.   | 11.3 | 32        |
| 7  | Hydrogenation without H <sub>2</sub> Using a Palladium Membrane Flow Cell. <i>Cell Reports Physical Science</i> , 2020, 1, 100105.  | 5.6  | 28        |
| 8  | Electrolyzer and Catalysts Design from Carbon Dioxide to Carbon Monoxide Electrochemical Reduction. <i>Electrochemical Energy Reviews</i> , 2021, 4, 680-717.   | 25.5 | 26        |
| 9  | Stabilizing Copper for CO <sub>2</sub> Reduction in Low-Grade Electrolyte. <i>Inorganic Chemistry</i> , 2018, 57, 14624-14631.  | 4.0  | 21        |
| 10 | Physical Separation of H <sub>2</sub> Activation from Hydrogenation Chemistry Reveals the Specific Role of Secondary Metal Catalysts. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11937-11942. | 13.8 | 18        |
| 11 | Photodecomposition of Metal Nitrate and Chloride Compounds Yields Amorphous Metal Oxide Films. <i>Journal of the American Chemical Society</i> , 2017, 139, 18174-18177.  | 13.7 | 17        |
| 12 | Brass and Bronze as Effective CO <sub>2</sub> Reduction Electrocatalysts. <i>Angewandte Chemie</i> , 2017, 129, 16806-16809.  | 2.0  | 15        |
| 13 | Kinetic phases of Ag-Cu alloy films are accessible through photodeposition. <i>Journal of Materials Chemistry A</i> , 2019, 7, 711-715.   | 10.3 | 12        |
| 14 | Rapid Quantification of Film Thickness and Metal Loading for Electrocatalytic Metal Oxide Films. <i>Chemistry of Materials</i> , 2017, 29, 7272-7277.   | 6.7  | 11        |
| 15 | Electrolysis Can Be Used to Resolve Hydrogenation Pathways at Palladium Surfaces in a Membrane Reactor. <i>Jacs Au</i> , 2021, 1, 336-343.  | 7.9  | 11        |
| 16 | Sulfuric Acid Electrolyte Impacts Palladium Chemistry at Reductive Potentials. <i>Chemistry of Materials</i> , 2020, 32, 9098-9106.   | 6.7  | 5         |
| 17 | Physical Separation of H <sub>2</sub> Activation from Hydrogenation Chemistry Reveals the Specific Role of Secondary Metal Catalysts. <i>Angewandte Chemie</i> , 2021, 133, 12044-12049.                        | 2.0  | 0         |