

Pranit Iyengar

List of Publications by Year in descending order

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1163117
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933
citing authors

#	ARTICLE	IF	CITATIONS
1	Facet-Dependent Selectivity of Cu Catalysts in Electrochemical CO ₂ Reduction at Commercially Viable Current Densities. ACS Catalysis, 2020, 10, 4854-4862.	11.2	331
2	Elucidating the Facet-Dependent Selectivity for CO ₂ Electroreduction to Ethanol of Cu@Ag Tandem Catalysts. ACS Catalysis, 2021, 11, 4456-4463.	11.2	130
3	Size dependent selectivity of Cu nano-octahedra catalysts for the electrochemical reduction of CO ₂ to CH ₄ . Chemical Communications, 2019, 55, 8796-8799.	4.1	99
4	Colloidal Nanocrystals as Electrocatalysts with Tunable Activity and Selectivity. ACS Catalysis, 2021, 11, 1248-1295.	11.2	51
5	Insights into Reaction Intermediates to Predict Synthetic Pathways for Shape-Controlled Metal Nanocrystals. Journal of the American Chemical Society, 2019, 141, 16312-16322.	13.7	47
6	Metal-ligand bond strength determines the fate of organic ligands on the catalyst surface during the electrochemical CO ₂ reduction reaction. Chemical Science, 2020, 11, 9296-9302.	7.4	35
7	Theory-Guided Enhancement of CO ₂ Reduction to Ethanol on Ag@Cu Tandem Catalysts via Particle-Size Effects. ACS Catalysis, 2021, 11, 13330-13336.	11.2	34
8	Nanocrystals as Precursors in Solid-State Reactions for Size- and Shape-Controlled Polyelemental Nanomaterials. Journal of the American Chemical Society, 2020, 142, 15931-15940.	13.7	21
9	Copper Nanocrystal Morphology Determines the Viability of Molecular Surface Functionalization in Tuning Electrocatalytic Behavior in CO ₂ Reduction. Inorganic Chemistry, 2021, 60, 6939-6945.	4.0	3
10	Facet Dependent Reactivity of Copper Nanocrystals for Electrochemical CO ₂ Reduction to Valuable Products. , 0, , .		0
11	Size Dependent Product Selectivity for Shape-Controlled Ag/Cu Tandem Catalysts. , 0, , .		0