

Soumitra Barman

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Free Catalysis: A Redox-Active Donor–Acceptor Conjugated Microporous Polymer for Selective Visible-Light-Driven CO ₂ Reduction to CH ₄ . Journal of the American Chemical Society, 2021, 143, 16284-16292.	13.7	155
2	Covalent grafting of molecular photosensitizer and catalyst on MOF-808: effect of pore confinement toward visible light-driven CO ₂ reduction in water. Energy and Environmental Science, 2021, 14, 2429-2440.	30.8	113
3	Molecular cobalt corrole complex for the heterogeneous electrocatalytic reduction of carbon dioxide. Nature Communications, 2019, 10, 3864.	12.8	112
4	Photochemical reduction of carbon dioxide coupled with water oxidation using various soft-oxometalate (SOM) based catalytic systems. Journal of Materials Chemistry A, 2016, 4, 8875-8887.	10.3	43
5	A Molecular CO ₂ Reduction Catalyst Based on Giant Polyoxometalate {Mo ₃₆ }. Frontiers in Chemistry, 2018, 6, 514.	3.6	20
6	Selective Photocatalytic Carbon Dioxide Reduction by a Reduced Molybdenum-Based Polyoxometalate Catalyst. ChemPhotoChem, 2019, 3, 93-100.	3.0	18
7	Selective light driven reduction of CO ₂ to HCOOH in water using a {MoV ₉ } _n (n = 1332–3600) based soft-oxometalate (SOM). Chemical Communications, 2018, 54, 2369-2372.	4.1	14
8	An Anthracene-Based Metal–Organic Framework for Selective Photo-Reduction of Carbon Dioxide to Formic Acid Coupled with Water Oxidation. Chemistry - A European Journal, 2021, 27, 4098-4107.	3.3	11
9	A copper based catalyst for poly-urethane synthesis from discarded motherboard. RSC Advances, 2016, 6, 75749-75756.	3.6	6