

Md Golam Kibria

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

3,742
citations

687220

13
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887953

17
g-index

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all docs

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docs citations

17
times ranked

4249
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative life cycle assessment of electrochemical upgrading of CO ₂ to fuels and feedstocks. <i>Green Chemistry</i> , 2021, 23, 867-880.	4.6	65
2	Electropolymerized metal-protoporphyrin electrodes for selective electrochemical reduction of CO ₂ . <i>Catalysis Science and Technology</i> , 2021, 11, 1580-1589.	2.1	11
3	Transition pathways towards net-zero emissions methanol production. <i>Green Chemistry</i> , 2021, 23, 9844-9854.	4.6	6
4	Confined synthesis of BiVO ₄ nanodot and ZnO cluster co-decorated 3DOM TiO ₂ for formic acid production from the xylan-based hemicellulose photorefinery. <i>Green Chemistry</i> , 2021, 23, 8124-8130.	4.6	7
5	Polymeric carbon nitride-based photocatalysts for photoreforming of biomass derivatives. <i>Green Chemistry</i> , 2021, 23, 7435-7457.	4.6	39
6	Ligand-Engineered Metal-Organic Frameworks for Electrochemical Reduction of Carbon Dioxide to Carbon Monoxide. <i>ACS Catalysis</i> , 2021, 11, 7350-7357.	5.5	62
7	Seawater electrolysis for hydrogen production: a solution looking for a problem?. <i>Energy and Environmental Science</i> , 2021, 14, 4831-4839.	15.6	187
8	Can sustainable ammonia synthesis pathways compete with fossil-fuel based Haber-Bosch processes?. <i>Energy and Environmental Science</i> , 2021, 14, 2535-2548.	15.6	162
9	Plasmon-Enhanced 5-Hydroxymethylfurfural Production from the Photothermal Conversion of Cellulose in a Biphasic Medium. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16115-16122.	3.2	9
10	Boosting Photocatalytic Activity Using Carbon Nitride Based 2D/2D van der Waals Heterojunctions. <i>Chemistry of Materials</i> , 2021, 33, 9012-9092.	3.2	88
11	Sunlight-Driven Biomass Photorefinery for Coproduction of Sustainable Hydrogen and Value-Added Biochemicals. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 15772-15781.	3.2	43
12	Techno-economic analysis of a solar-powered biomass electrolysis pathway for coproduction of hydrogen and value-added chemicals. <i>Sustainable Energy and Fuels</i> , 2020, 4, 5568-5577.	2.5	20
13	A review on electrocatalytic oxidation of methane to oxygenates. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15575-15590.	5.2	62
14	Metal-free photocatalysts for hydrogen evolution. <i>Chemical Society Reviews</i> , 2020, 49, 1887-1931.	18.7	374
15	Electrochemical CO ₂ Reduction into Chemical Feedstocks: From Mechanistic Electrocatalysis Models to System Design. <i>Advanced Materials</i> , 2019, 31, e1807166.	11.1	769
16	A Surface Reconstruction Route to High Productivity and Selectivity in CO ₂ Electroreduction toward C ₂₊ Hydrocarbons. <i>Advanced Materials</i> , 2018, 30, e1804867.	11.1	200
17	CO ₂ electroreduction to ethylene via hydroxide-mediated copper catalysis at an abrupt interface. <i>Science</i> , 2018, 360, 783-787.	6.0	1,638