

Sheena Louisia

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

723
citations

687363

13
h-index

1058476

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g-index

16
all docs

16
docs citations

16
times ranked

842
citing authors

#	ARTICLE	IF	CITATIONS
1	The Interactive Dynamics of Nanocatalyst Structure and Microenvironment during Electrochemical CO ₂ Conversion. <i>Jacs Au</i> , 2022, 2, 562-572.	7.9	44
2	The presence and role of the intermediary CO reservoir in heterogeneous electroreduction of CO ₂ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2201922119.	7.1	17
3	Photoelectrochemical CO ₂ Reduction toward Multicarbon Products with Silicon Nanowire Photocathodes Interfaced with Copper Nanoparticles. <i>Journal of the American Chemical Society</i> , 2022, 144, 8002-8006.	13.7	46
4	<i>Operando</i> Resonant Soft X-ray Scattering Studies of Chemical Environment and Interparticle Dynamics of Cu Nanocatalysts for CO ₂ Electroreduction. <i>Journal of the American Chemical Society</i> , 2022, 144, 8927-8931.	13.7	18
5	Sulfur-doped graphene anchoring of ultrafine Au ₂₅ nanoclusters for electrocatalysis. <i>Nano Research</i> , 2021, 14, 3509-3513.	10.4	26
6	A New Perspective and Design Principle for Halide Perovskites: Ionic Octahedron Network (ION). <i>Nano Letters</i> , 2021, 21, 5415-5421.	9.1	9
7	Kinetics of moisture-induced phase transformation in inorganic halide perovskite. <i>Matter</i> , 2021, 4, 2392-2402.	10.0	34
8	Ligand removal of Au ₂₅ nanoclusters by thermal and electrochemical treatments for selective CO ₂ electroreduction to CO. <i>Journal of Chemical Physics</i> , 2021, 155, 051101.	3.0	16
9	Ligand-Free Processable Perovskite Semiconductor Ink. <i>Nano Letters</i> , 2021, 21, 8856-8862.	9.1	16
10	Nanoparticle Assembly Induced Ligand Interactions for Enhanced Electrocatalytic CO ₂ Conversion. <i>Journal of the American Chemical Society</i> , 2021, 143, 19919-19927.	13.7	32
11	Cu-Ag Tandem Catalysts for High-Rate CO ₂ Electrolysis toward Multicarbon. <i>Joule</i> , 2020, 4, 1688-1699.	24.0	239
12	Selective CO ₂ electrocatalysis at the pseudocapacitive nanoparticle/ordered-ligand interlayer. <i>Nature Energy</i> , 2020, 5, 1032-1042.	39.5	99
13	Scaling Laws of Exciton Recombination Kinetics in Low Dimensional Halide Perovskite Nanostructures. <i>Journal of the American Chemical Society</i> , 2020, 142, 8871-8879.	13.7	26
14	Electrochemically scrambled nanocrystals are catalytically active for CO ₂ -to-multicarbon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9194-9201.	7.1	99