

# Sheena Louisia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3437117/publications.pdf>

Version: 2024-02-01

14  
papers

723  
citations

687363

13  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

842  
citing authors

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