

# Soumalya Sinha

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

314  
citations

1040056

9  
h-index

1281871

11  
g-index

18  
all docs

18  
docs citations

18  
times ranked

466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unexpected Solvent Effect in Electrocatalytic CO <sub>2</sub> to CO Conversion Revealed Using Asymmetric Metalloporphyrins. <i>Inorganic Chemistry</i> , 2018, 57, 12650-12656.	4.0	64
2	Activation by Oxidation: Ferrocene-Functionalized Ru(II)-Arene Complexes with Anticancer, Antibacterial, and Antioxidant Properties. <i>Inorganic Chemistry</i> , 2018, 57, 15247-15261.	4.0	51
3	Electrocatalytic Dioxygen Reduction by Carbon Electrodes Noncovalently Modified with Iron Porphyrin Complexes: Enhancements from a Single Proton Relay. <i>Chemistry - A European Journal</i> , 2015, 21, 18072-18075.	3.3	43
4	Changing the Selectivity of O <sub>2</sub> Reduction Catalysis with One Ligand Heteroatom. <i>ACS Catalysis</i> , 2019, 9, 2685-2691.	11.2	43
5	Electrocatalytic CO <sub>2</sub> reduction using rhenium(I) complexes with modified 2-(2-pyridyl)imidazole ligands. <i>Inorganica Chimica Acta</i> , 2017, 460, 63-68.	2.4	35
6	Heterogeneous Aqueous CO <sub>2</sub> Reduction Using a Pyrene-Modified Rhenium(I) Diimine Complex. <i>Inorganic Chemistry</i> , 2019, 58, 10454-10461.	4.0	22
7	Low Overpotential CO <sub>2</sub> Activation by a Graphite-Adsorbed Cobalt Porphyrin. <i>ACS Catalysis</i> , 2020, 10, 12284-12291.	11.2	19
8	Electrocatalytic H <sub>2</sub> evolution promoted by a bioinspired (N <sub>2</sub> S <sub>2</sub> )Ni complex. <i>Chemical Communications</i> , 2022, 58, 1143-1146.	4.1	13
9	Photochemical proton-coupled C-H activation: an example using aliphatic fluorination. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 30907-30911.	2.8	10
10	A PEGylated Tin Porphyrin Complex for Electrocatalytic Proton Reduction: Mechanistic Insights into Main Group Element Catalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	8
11	Heterogeneous aqueous CO <sub>2</sub> reduction by rhenium(i) tricarbonyl diimine complexes with a non-chelating pendant pyridyl group. <i>Dalton Transactions</i> , 2020, 49, 7078-7083.	3.3	6
12	A PEGylated Tin Porphyrin Complex for Electrocatalytic Proton Reduction: Mechanistic Insights into Main Group Element Catalysis. <i>Angewandte Chemie</i> , 0, , .	2.0	0