

Samir Chattopadhyay

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

297
citations

1306789

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1473754

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all docs

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docs citations

10
times ranked

518
citing authors

#	ARTICLE	IF	CITATIONS
1	A Bifunctional Electrocatalyst for Oxygen Evolution and Oxygen Reduction Reactions in Water. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2350-2355.	7.2	124
2	Hydrogen Evolution from Aqueous Solutions Mediated by a Heterogenized [NiFe]-Hydrogenase Model: Low pH Enables Catalysis through an Enzyme-Relevant Mechanism. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16001-16004.	7.2	45
3	Elucidation of Factors That Govern the $2e^-/2H^+$ vs $4e^-/4H^+$ Selectivity of Water Oxidation by a Cobalt Corrole. <i>Journal of the American Chemical Society</i> , 2020, 142, 21040-21049.	6.6	44
4	The protonation state of thiols in self-assembled monolayers on roughened Ag/Au surfaces and nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 24866-24873.	1.3	34
5	Ligand Radical Mediated Water Oxidation by a Family of Copper <i>o</i> -Phenylene Bis-oxamidate Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 9442-9455.	1.9	18
6	Functional adlayers on Au electrodes: some recent applications in hydrogen evolution and oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 1323-1339.	5.2	14
7	Contributions to cytochrome <i>c</i> inner- and outer-sphere reorganization energy. <i>Chemical Science</i> , 2021, 12, 11894-11913.	3.7	9
8	Kinetic Isotope Effects on Electron Transfer Across Self-Assembled Monolayers on Gold. <i>Inorganic Chemistry</i> , 2021, 60, 597-605.	1.9	7
9	Assembly of redox active metallo-enzymes and metallo-peptides on electrodes: Abiological constructs to probe natural processes. <i>Current Opinion in Chemical Biology</i> , 2022, 68, 102142.	2.8	2
10	Oxygen reduction reaction in enzymatic biofuel cells. , 2022, , 427-466.		0