

# Sayantan Paria

## List of Publications by Year in descending order

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papers

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citations

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Luminescent Mn-Doped ZnS Nanocrystals: Gram-Scale Synthesis. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 1454-1458.	4.6	192
2	Oxidative Decarboxylation of Benzilic Acid by a Biomimetic Iron(II) Complex: Evidence for an Iron(IV)â€“Oxoâ€“Hydroxo Oxidant from O <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11129-11132.	13.8	71
3	Oxidative Carbonâ€“Carbon Bond Cleavage of a Î±-Hydroxy Ketone by a Functional Model of 2,4-Dihydroxyacetophenone Dioxygenase. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6195-6199.	13.8	51
4	Reactivity of an Ironâ€“Oxygen Oxidant Generated upon Oxidative Decarboxylation of Biomimetic Iron(II) Î±-Hydroxy Acid Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 2810-2821.	4.0	41
5	Dioxygen Reactivity of Biomimetic Ironâ€“Catecholate and Ironâ€“Aminophenolate Complexes of a Tris(2-pyridylthio)methanido Ligand: Aromatic Câ€“C Bond Cleavage of Catecholate versus Aminobenzosemiquinonate Radical Formation. <i>Chemistry - A European Journal</i> , 2012, 18, 11778-11787.	3.3	36
6	Oxidative decarboxylation of Î±-hydroxy acids by a functional model of the nonheme iron oxygenase, CloR. <i>Chemical Communications</i> , 2010, 46, 1830-1832.	4.1	34
7	Tetrahedral Copper(II) Complexes with a Labile Coordination Site Supported by a Tris-tetramethylguanidinato Ligand. <i>Inorganic Chemistry</i> , 2017, 56, 9634-9645.	4.0	34
8	A Functional Model of Extradiol-Cleaving Catechol Dioxygenases: Mimicking the 2-His-1-Carboxylate Facial Triad. <i>Inorganic Chemistry</i> , 2010, 49, 4518-4523.	4.0	31
9	Generation, Characterization, and Reactivity of a Cu <sup>II</sup> â€“Alkylperoxide/Anilino Radical Complex: Insight into the Oâ€“O Bond Cleavage Mechanism. <i>Journal of the American Chemical Society</i> , 2015, 137, 10870-10873.	13.7	29
10	Reductive Activation of O <sub>2</sub> by Non-Heme Iron(II) Benzilate Complexes of N <sub>4</sub> Ligands: Effect of Ligand Topology on the Reactivity of O <sub>2</sub> -Derived Oxidant. <i>Inorganic Chemistry</i> , 2017, 56, 359-371.	4.0	25
11	Copper(II)-mediated oxidation of 1,2-dioxime to furoxan. <i>Tetrahedron Letters</i> , 2008, 49, 5924-5927.	1.4	22
12	Copper(II)-Mediated Oxidative Transformation of vic-Dioxime to Furoxan: Evidence for a Copper(II)-Dinitrosoalkene Intermediate. <i>Inorganic Chemistry</i> , 2011, 50, 11375-11383.	4.0	18
13	Electrocatalytic Water Oxidation Activity of Molecular Copper Complexes: Effect of Redox-Active Ligands. <i>Inorganic Chemistry</i> , 2022, 61, 3152-3165.	4.0	14
14	Synthesis, characterization and emission study of zinc(II) and cobalt(II) complexes: Bis(bidentate) iminophenols as zinc(II) selective fluorescence probes. <i>Inorganica Chimica Acta</i> , 2012, 387, 332-337.	2.4	13
15	Aliphatic Câ€“C Bond Cleavage of Î±-Hydroxy Ketones by Non-Heme Iron(II) Complexes: Mechanistic Insight into the Reaction Catalyzed by 2,4-Dihydroxyacetophenone Dioxygenase. <i>Inorganic Chemistry</i> , 2015, 54, 10576-10586.	4.0	13
16	Characterization and reactivity study of non-heme high-valent ironâ€“hydroxo complexes. <i>Chemical Science</i> , 2021, 12, 4418-4424.	7.4	12
17	Characterization and Reactivity of a Tetrahedral Copper(II) Alkylperoxido Complex. <i>Chemistry - A European Journal</i> , 2019, 25, 11157-11165.	3.3	11
18	Copper(I)â€“Dioxygen Reactivity in the Isolated Cavity of a Nanoscale Molecular Architecture. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1976-1983.	2.0	10

#	ARTICLE	IF	CITATIONS
19	Electrochemical Properties and Reactivity Study of [Mn <sup>V</sup> (O)( $\frac{1}{4}$ -OR <sup>-</sup> Lewis Acid)] Cores. Inorganic Chemistry, 2021, 60, 18006-18016.	4.0	10
20	Generation and characterisation of a stable nickel(ii)-aminoxyl radical complex. Dalton Transactions, 2017, 46, 8013-8016.	3.3	6
21	Structure and Reactivity of Copper Complexes Supported by a Bulky Tripodal N <sub>4</sub> Ligand: Copper(I)/Dioxygen Reactivity and Formation of a Hydroperoxide Copper(II) Complex. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 780-789.	1.2	5
22	Dioxygen Activation and Mandelate Decarboxylation by Iron(II) Complexes of N <sub>4</sub> Ligands: Evidence for Dioxygen-Derived Intermediates from Cobalt Analogues. Inorganic Chemistry, 2022, 61, 10461-10476.	4.0	2