

Ram Chandra Maji

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Copper Complexes Relevant to the Catalytic Cycle of Copper Nitrite Reductase: Electrochemical Detection of NO(<i>g</i>) Evolution and Flipping of NO ₂ Binding Mode upon Cu ^{II} → Cu ^I Reduction. <i>Inorganic Chemistry</i> , 2013, 52, 11084-11095.	4.0	35
2	Ruthenium(II) Conjugates of Boron-Dipyrromethene and Biotin for Targeted Photodynamic Therapy in Red Light. <i>Inorganic Chemistry</i> , 2020, 59, 913-924.	4.0	35
3	Shuttling of Nickel Oxidation States in N ₄ S ₂ Coordination Geometry versus Donor Strength of Tridentate N ₂ S Donor Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 7625-7635.	4.0	33
4	Hexacoordinate Nickel(II)/(III) Complexes that Mimic the Catalytic Cycle of Nickel Superoxide Dismutase. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10184-10189.	13.8	26
5	Environmentally Sustainable Fabrication of Cu _{1.94} S-rGO Composite for Dual Environmental Application: Visible-Light-Active Photocatalyst and Room-Temperature Phenol Sensor. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 835-845.	6.7	22
6	A Copper(II) Nitrite That Exhibits Change of Nitrite Binding Mode and Formation of Copper(II) Nitrosyl Prior to Nitric Oxide Evolution. <i>Inorganic Chemistry</i> , 2018, 57, 1550-1561.	4.0	19
7	Mixed valence copper-sulfur clusters of highest nuclearity: a Cu ₈ wheel and a Cu ₁₆ nanoball. <i>Chemical Communications</i> , 2017, 53, 3334-3337.	4.1	12
8	Model Complexes for the Ni _p Site of Acetyl Coenzyme A Synthase/Carbon Monoxide (CO) Dehydrogenase: Structure, Electrochemistry, and CO Reactivity. <i>Inorganic Chemistry</i> , 2018, 57, 13713-13727.	4.0	9
9	Bichromophoric ruthenium(ⁱⁱ) bis-terpyridine-BODIPY based photosensitizers for cellular imaging and photodynamic therapy. <i>Dalton Transactions</i> , 2022, 51, 10392-10405.	3.3	9
10	Electron transfer mechanism of catalytic superoxide dismutation via Cu(ⁱⁱ)/(ⁱ) complexes: evidence of cupric-superoxo/hydroperoxo species. <i>Dalton Transactions</i> , 2016, 45, 11898-11910.	3.3	7
11	Nickel(II)-Mediated Reversible Thiolate/Disulfide Conversion as a Mimic for a Key Step of the Catalytic Cycle of Methyl-Coenzyme M Reductase. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9177-9185.	13.8	7
12	Copper coordinated ligand thioether-S and NO ₂ → NO ⁺ oxidation: relevance to the Cu _M site of hydroxylases. <i>Dalton Transactions</i> , 2015, 44, 17587-17599.	3.3	5
13	Hexacoordinate Nickel(II)/(III) Complexes that Mimic the Catalytic Cycle of Nickel Superoxide Dismutase. <i>Angewandte Chemie</i> , 2014, 126, 10348-10353.	2.0	4
14	Nickel(II)-Mediated Reversible Thiolate/Disulfide Conversion as a Mimic for a Key Step of the Catalytic Cycle of Methyl-Coenzyme M Reductase. <i>Angewandte Chemie</i> , 2020, 132, 9262-9270.	2.0	0