

Apurba Kalita

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

313
citations

840776

11
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1125743

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15
all docs

15
docs citations

15
times ranked

381
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescence-based detection of nitric oxide in aqueous and methanol media using a copper(ii) complex. <i>Chemical Communications</i> , 2011, 47, 2964.	4.1	56
2	Reduction of Copper(II) Complexes of Tripodal Ligands by Nitric Oxide and Trinitrosation of the Ligands. <i>Journal of the American Chemical Society</i> , 2010, 132, 7846-7847.	13.7	45
3	Reaction of a copper(ii)â€“nitrosyl complex with hydrogen peroxide: putative formation of a copper(i)â€“peroxynitrite intermediate. <i>Chemical Communications</i> , 2012, 48, 4636.	4.1	31
4	Ligand assisted electrocatalytic water oxidation by a copper(II) complex in neutral phosphate buffer. <i>Chemical Communications</i> , 2019, 55, 5483-5486.	4.1	28
5	First example of a Cu(I)â€“(âˆ’2-O,O)nitrite complex derived from Cu(II)â€“nitrosyl. <i>Chemical Communications</i> , 2012, 48, 1251-1253.	4.1	26
6	Role of Ligand to Control the Mechanism of Nitric Oxide Reduction of Copper(II) Complexes and Ligand Nitrosation. <i>Inorganic Chemistry</i> , 2011, 50, 11868-11876.	4.0	25
7	Copper(ii) complexes as turn on fluorescent sensors for nitric oxide. <i>Dalton Transactions</i> , 2012, 41, 10543.	3.3	22
8	Reaction of a Copper(II)â€“Nitrosyl Complex with Hydrogen Peroxide: Phenol Ring Nitration through a Putative Peroxynitrite Intermediate. <i>Inorganic Chemistry</i> , 2013, 52, 10897-10903.	4.0	20
9	An asymmetric dinuclear copper(II) complex with phenoxo and acetate bridges: Synthesis, structure and magnetic studies. <i>Polyhedron</i> , 2011, 30, 293-298.	2.2	19
10	Reduction of copper(ii) complexes of tridentate ligands by nitric oxide and fluorescent detection of NO in methanol and water media. <i>Dalton Transactions</i> , 2011, 40, 8656.	3.3	18
11	Nitric oxide reactivity of Cu(II) complexes of tetra- and pentadentate ligands: structural influence in deciding the reduction pathway. <i>Dalton Transactions</i> , 2013, 42, 5731.	3.3	12
12	Nitric oxide sensors based on copper(II) complexes of N-donor ligands. <i>Inorganica Chimica Acta</i> , 2013, 404, 88-96.	2.4	7
13	Formation of a Cu(II)â€“phenoxyl radical complex from a Cu(II)â€“phenolate complex: A new model for galactose oxidase. <i>Polyhedron</i> , 2013, 51, 222-227.	2.2	4
14	One-Pot Synthesis of Benzoxazines Through Mannich Condensations. <i>Asian Journal of Chemistry</i> , 2014, 26, 6519-6522.	0.3	0
15	Solvent Dependent Disproportionation of Cu(II) Complexes of N2O2-Type Ligands: Direct Evidence of Formation of Phenoxyl Radical: An Experimental and Computational Study. <i>Asian Journal of Chemistry</i> , 2015, 27, 4490-4500.	0.3	0