

Biplab Mondal

List of Publications by Year in descending order

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papers

548
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687363

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#	ARTICLE	IF	CITATIONS
1	Heme/O ₂ /NO Nitric Oxide Dioxygenase (NOD) Reactivity: Phenolic Nitration via a Putative Heme-Peroxynitrite Intermediate. <i>Journal of the American Chemical Society</i> , 2009, 131, 11304-11305.	13.7	67
2	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
3	Nitric Oxide Reduction of Copper(II) Complexes: Spectroscopic Evidence of Copper(II)-Nitrosyl Intermediate. <i>Inorganic Chemistry</i> , 2011, 50, 3206-3212.	4.0	53
4	A peroxynitrite complex of copper: formation from a copper-nitrosyl complex, transformation to nitrite and exogenous phenol oxidative coupling or nitration. <i>Journal of Biological Inorganic Chemistry</i> , 2009, 14, 1301-1311.	2.6	52
5	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
6	Reaction of a copper(ii)-nitrosyl complex with hydrogen peroxide: putative formation of a copper(i)-peroxynitrite intermediate. <i>Chemical Communications</i> , 2012, 48, 4636.	4.1	31
7	Nitric oxide reduction of copper(II) complex with tetradentate amine ligand followed by ligand transformation. <i>Inorganica Chimica Acta</i> , 2010, 363, 63-70.	2.4	27
8	First example of a Cu(i)-(λ^2 -O,O)nitrite complex derived from Cu(ii)-nitrosyl. <i>Chemical Communications</i> , 2012, 48, 1251-1253.	4.1	26
9	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
10	Dioxygenation Reaction of a Cobalt-Nitrosyl: Putative Formation of a Cobalt-Peroxynitrite via a {Co ^{III} (NO)(O ₂) ⁺ } Intermediate. <i>Inorganic Chemistry</i> , 2017, 56, 14438-14445.	4.0	21
11	Reaction of a Copper(II)-Nitrosyl Complex with Hydrogen Peroxide: Phenol Ring Nitration through a Putative Peroxynitrite Intermediate. <i>Inorganic Chemistry</i> , 2013, 52, 10897-10903.	4.0	20
12	Nitric Oxide Dioxygenase Activity of a Nitrosyl Complex of Cobalt(II) Porphyrinate in the Presence of Hydrogen Peroxide via Putative Peroxynitrite Intermediate. <i>Inorganic Chemistry</i> , 2019, 58, 1234-1240.	4.0	18
13	Reaction of a Co(III)-Peroxo Complex and NO: Formation of a Putative Peroxynitrite Intermediate. <i>Inorganic Chemistry</i> , 2017, 56, 10932-10938.	4.0	15
14	Nitric Oxide Dioxygenase Activity of a Nitrosyl Complex of Mn(II)-Porphyrinate in the Presence of Superoxide: Formation of a Mn(IV)-oxo Species through a Putative Peroxynitrite Intermediate. <i>Inorganic Chemistry</i> , 2019, 58, 14701-14707.	4.0	14
15	Nitric oxide reactivity of copper(ii) complexes of bidentate amine ligands: effect of substitution on ligand nitrosation. <i>Dalton Transactions</i> , 2012, 41, 2927.	3.3	12
16	C-Nitrosation of a λ^2 -diketiminato ligand in copper(ii) complex. <i>RSC Advances</i> , 2015, 5, 643-649.	3.6	10
17	Reductive nitrosylation of nickel(ii) complex by nitric oxide followed by nitrous oxide release. <i>Dalton Transactions</i> , 2016, 45, 10200-10208.	3.3	8
18	Effect of ligand denticity on the nitric oxide reactivity of cobalt(ii) complexes. <i>Dalton Transactions</i> , 2016, 45, 10979-10988.	3.3	8

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19	Reaction of a Nitrosyl Complex of Cobalt Porphyrin with Hydrogen Peroxide: Putative Formation of Peroxynitrite Intermediate. <i>Inorganic Chemistry</i> , 2017, 56, 7781-7787.	4.0	8
20	Reduction of Coordinated Acetonitrile to Ethylamine in a Ruthenium Complex by p-Phenylenediamine or Hydroquinone. <i>Organometallics</i> , 2008, 27, 6403-6404.	2.3	6
21	Copper(II) mediated phenol ring nitration by nitrogen dioxide. <i>Dalton Transactions</i> , 2015, 44, 19909-19917.	3.3	6
22	Reaction of a {Co(NO)} ₈ complex with superoxide: Formation of a six coordinated [CoII(NO)(O ₂ ^{•-})] species followed by peroxynitrite intermediate. <i>Journal of Inorganic Biochemistry</i> , 2022, 228, 111698.	3.5	5
23	Aromatic C-nitrosation by a copper(II) nitrosyl complex. <i>Dalton Transactions</i> , 2015, 44, 1829-1835.	3.3	4
24	Oxo Transfer from Nitrogen Dioxide to Nitrito Group in a Copper(II) Complex. <i>Inorganic Chemistry</i> , 2015, 54, 4799-4805.	4.0	3
25	Nitric Oxide Reactivity of a Cu(II) Complex of an Imidazole-Based Ligand: Aromatic C-Nitrosation Followed by the Formation of <i>N</i> -Nitrosohydroxylaminate Complex. <i>Inorganic Chemistry</i> , 2017, 56, 5034-5040.	4.0	3
26	Can a Nitrosyl of a Mn(II) Porphyrin Complex Release Nitroxyl/HNO?. <i>Inorganic Chemistry</i> , 2021, 60, 18024-18030.	4.0	3
27	A fluorescence turn-on probe for selective detection of nitrogen dioxide. <i>RSC Advances</i> , 2014, 4, 61944-61947.	3.6	2