

Hemanta Deka

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dioxygenation Reaction of a Cobalt-Nitrosyl: Putative Formation of a Cobalt ^{II} -Peroxynitrite via a {Co ^{III} (NO)(O ₂) ⁺ } Intermediate. <i>Inorganic Chemistry</i> , 2017, 56, 14438-14445.	4.0	21
2	Dehydrogenation of Formic Acid Catalyzed by Water-Soluble Ruthenium Complexes: X-Ray Crystal Structure of a Diruthenium Complex. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1046-1053.	2.0	21
3	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
4	Bis-Imidazole Methane Ligated Ruthenium(II) Complexes: Synthesis, Characterization, and Catalytic Activity for Hydrogen Production from Formic Acid in Water. <i>Inorganic Chemistry</i> , 2021, 60, 14275-14285.	4.0	13
5	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
6	Effect of ligand denticity on the nitric oxide reactivity of cobalt(II) complexes. <i>Dalton Transactions</i> , 2016, 45, 10979-10988.	3.3	8
7	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
8	Synthesis, structure and catalytic activity of manganese(^{II}) complexes derived from bis(imidazole)methane-based ligands. <i>Dalton Transactions</i> , 2020, 49, 757-763.	3.3	8
9	Oxo Transfer from Nitrogen Dioxide to Nitrito Group in a Copper(II) Complex. <i>Inorganic Chemistry</i> , 2015, 54, 4799-4805.	4.0	3
10	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
11	Nitrogen dioxide reactivity of a Nickel(II) complex of tetraazacyclotetradecane ligand. <i>Inorganica Chimica Acta</i> , 2017, 466, 285-290.	2.4	3