

Arpan Dutta

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A novel thermally stable hydroperoxo-copper(ii) complex in a Cu(N2O2) chromophore of a potential N4O2 donor Schiff base ligand: synthesis, structure and catalytic studies. Dalton Transactions, 2013, 42, 13210.	3.3	33
2	Mononuclear manganese complexes of bidentate NO donor Schiff base ligands: synthesis, structural characterization, magnetic and catecholase studies. RSC Advances, 2015, 5, 23855-23864.	3.6	19
3	Unprecedented π - π interaction between an aromatic ring and a pseudo-aromatic ring formed through intramolecular H-bonding in a bidentate Schiff base ligand: crystal structure and DFT calculations. Physical Chemistry Chemical Physics, 2011, 13, 15845.	2.8	18
4	Catalytic oxidation of aromatic hydrocarbons by mono-oxido-alkoxidovanadium(V) complexes of ONNO donor ethylenediamine-bis(phenolate) ligands. Polyhedron, 2013, 63, 189-198.	2.2	13
5	Novel Cu ^{II} -M ^{II} -Cu ^{II} (M = Cu or Ni) trinuclear and [Ni ₂ Cu ₄] hexanuclear complexes assembled by bi-compartmental ligands: syntheses, structures, magnetic and catalytic studies. Dalton Transactions, 2015, 44, 9426-9438.	3.3	11
6	Dinuclear Cu ^{II} -Cu ^{II} and Cu ^I -Cu ^{II} Complexes of a Compartmental Ligand: Syntheses, Structures, Magnetic, and Catalytic Studies. European Journal of Inorganic Chemistry, 2013, 2013, 4922-4930.	2.0	9
7	Copper(ii) induced oxidative modification and complexation of a schiff base ligand: synthesis, crystal structure, catalytic oxidation of aromatic hydrocarbons and DFT calculation. RSC Advances, 2014, 4, 34248-34256.	3.6	8
8	Two dinuclear oxidovanadium(V) complexes of N2O2 donor amine-bis(phenolate) ligands with bromo-peroxidase activities: Kinetic, catalytic and computational studies. Inorganica Chimica Acta, 2018, 480, 149-158.	2.4	5
9	Multidimensional Cu ^I incorporated POMs [K ₁₂ Cu ^I (en) ₂ (μ^2 -Mo ₈ O ₂₆) _n] and [K ₁₂ Cu ^I 3(H ₂ O) ₁₀ (W ₁₂ O ₄₀) _{0.2} (H ₂ O)] _n : Syntheses, structures and catalytic epoxidation. Polyhedron, 2020, 176, 114204.	2.2	5
10	Synthesis, Crystal Structures, and Magnetic and Catalytic Studies on a Linear Trinuclear Mn ^{II} ₃ Complex. ChemPlusChem, 2015, 80, 1440-1447.	2.8	3
11	Synthesis, structural characterization and DFT calculation on a square-planar Ni(II) complex of a compartmental Schiff base ligand. Journal of Molecular Structure, 2016, 1125, 688-695.	3.6	3