

Arpan Dutta

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Multidimensional CuII incorporated POMs [K12CuII(en)2(1 ² -Mo8O26)] _n and [K12CuII3(H2O)10(W12O40)0.2(H2O)] _n : Syntheses, structures and catalytic epoxidation. <i>Polyhedron</i> , 2020, 176, 114204.	2.2	5
2	Two dinuclear oxidovanadium(V) complexes of N2O2 donor amine-bis(phenolate) ligands with bromo-peroxidase activities: Kinetic, catalytic and computational studies. <i>Inorganica Chimica Acta</i> , 2018, 480, 149-158.	2.4	5
3	Synthesis, structural characterization and DFT calculation on a square-planar Ni(II) complex of a compartmental Schiff base ligand. <i>Journal of Molecular Structure</i> , 2016, 1125, 688-695.	3.6	3
4	Synthesis, Crystal Structures, and Magnetic and Catalytic Studies on a Linear Trinuclear Mn ^{II} Complex. <i>ChemPlusChem</i> , 2015, 80, 1440-1447.	2.8	3
5	Mononuclear manganese(III) complexes of bidentate NO donor Schiff base ligands: synthesis, structural characterization, magnetic and catecholase studies. <i>RSC Advances</i> , 2015, 5, 23855-23864.	3.6	19
6	Novel Cu ^{II} –M ^{II} –Cu ^{II} (M = Cu or Ni) trinuclear and [Ni ₂ CuII ₆] hexanuclear complexes assembled by bi-compartmental ligands: syntheses, structures, magnetic and catalytic studies. <i>Dalton Transactions</i> , 2015, 44, 9426-9438.	3.3	11
7	Copper(II) induced oxidative modification and complexation of a schiff base ligand: synthesis, crystal structure, catalytic oxidation of aromatic hydrocarbons and DFT calculation. <i>RSC Advances</i> , 2014, 4, 34248-34256.	3.6	8
8	Dinuclear Cu ^{II} –Cu ^{II} and Cu ^I –Cu ^{II} Complexes of a Compartmental Ligand – Syntheses, Structures, Magnetic, and Catalytic Studies. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4922-4930.	2.0	9
9	Catalytic oxidation of aromatic hydrocarbons by mono-oxido-alkoxidovanadium(V) complexes of ONNO donor ethylenediamine-bis(phenolate) ligands. <i>Polyhedron</i> , 2013, 63, 189-198.	2.2	13
10	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. <i>Dalton Transactions</i> , 2013, 42, 13210.	3.3	33
11	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. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15845.	2.8	18