

Ajoy Kumar Pramanik

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

395
citations

687363

13
h-index

752698

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22
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docs citations

22
times ranked

503
citing authors

#	ARTICLE	IF	CITATIONS
1	Ratiometric sensing of nerve agent mimic DCP through in situ benzisoxazole formation. <i>Dyes and Pigments</i> , 2019, 170, 107585.	3.7	32
2	A highly selective ratiometric fluorescent probe for H ₂ S based on new heterocyclic ring formation and detection in live cells. <i>Supramolecular Chemistry</i> , 2019, 31, 349-360.	1.2	8
3	Palladium(II) complexes with thioether containing azophenol ligands: Synthesis, characterization, X-ray structure and DNA binding study. <i>Polyhedron</i> , 2018, 150, 118-125.	2.2	11
4	Real time detection of the nerve agent simulant diethylchlorophosphate by nonfluorophoric small molecules generating a cyclization-induced fluorogenic response. <i>Analyst</i> , The, 2018, 143, 4171-4179.	3.5	27
5	A PET based fluorescent chemosensor with real time application in monitoring formaldehyde emissions from plywood. <i>Analytical Methods</i> , 2018, 10, 2888-2894.	2.7	21
6	A chromogenic and ratiometric fluorogenic probe for rapid detection of a nerve agent simulant DCP based on a hybrid hydroxynaphthalene-hemicyanine dye. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5959-5967.	2.8	34
7	Synthesis and characterization of a new zinc(II) complex with tetradentate azo-thioether ligand: X-ray structure, DNA binding study and DFT calculation. <i>Journal of Molecular Structure</i> , 2017, 1146, 146-152.	3.6	11
8	Ruthenium carbonyl complex of a redox non-innocent ONS donor azophenol ligand: Electrochemistry, photophysical property, electronic structure and catalytic activity towards oxidation of alcohols. <i>Journal of Organometallic Chemistry</i> , 2017, 828, 1-9.	1.8	14
9	An octahedral nickel(II) complex of a hexadentate N ₂ O ₂ S ₂ thioether ligand: synthesis, characterization, X-ray and electronic structure. <i>Transition Metal Chemistry</i> , 2016, 41, 849-856.	1.4	0
10	Benzimidazole based ratiometric and colourimetric chemosensor for Ni(II). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 397-401.	3.9	24
11	A novel coumarin based molecular switch for dual sensing of Zn(II) and Cu(II). <i>RSC Advances</i> , 2015, 5, 7647-7653.	3.6	34
12	Palladium(II) complex with thiazole containing tridentate ONN donor ligand: Synthesis, X-ray structure and DFT computation. <i>Journal of Molecular Structure</i> , 2015, 1088, 28-33.	3.6	15
13	A copper(II) complex with a thioether and ether containing azophenol ligand: Synthesis, spectra, X-ray structure and DFT computations. <i>Polyhedron</i> , 2015, 102, 32-40.	2.2	14
14	Electronic structure of thioether containing NSNO donor azo-ligand and its copper(II) complex: Experimental and theoretical studies. <i>Journal of Molecular Structure</i> , 2015, 1099, 92-98.	3.6	5
15	Ruthenium(III) complexes with tetradentate NSNO donor ligand: Synthesis, electronic structure, catalytic activity and DFT calculation. <i>Inorganica Chimica Acta</i> , 2014, 411, 106-112.	2.4	13
16	Coumarin based fluorescent "turn-on" chemosensor for Zn ²⁺ : An experimental and theoretical study. <i>Journal of Luminescence</i> , 2014, 146, 480-485.	3.1	32
17	Coumarin based dual switching fluorescent "turn-on" chemosensor for selective detection of Zn ²⁺ and HSO ₄ ⁻ : an experimental and theoretical study. <i>RSC Advances</i> , 2014, 4, 25341-25347.	3.6	48
18	Synthesis, crystal structure and spectral properties of 2-[(1-Methyl-2-benzimidazolyl)azo]-p-cresol: An experimental and theoretical study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 115, 421-425.	3.9	7

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19	Rhenium(I) complexes with NNS donor thioaryazoimidazole ligands with the cis-[Re(CO) ₂] ⁺ core: Synthesis, characterization, electrochemical study and DFT calculation. Journal of Molecular Structure, 2013, 1047, 73-79.	3.6	11
20	Cu(II) complexes of a new tetradentate N ₂ SO donor: synthesis, structure, electrochemistry, and DFT computation. Journal of Coordination Chemistry, 2013, 66, 4067-4079.	2.2	8
21	Synthesis, X-ray structure, spectroscopic and DFT study of cis-[Ru(PPh ₃)(L)X ₂] complexes (X=Cl ⁻ , Br ⁻ ,) Tj ETQq1 1 0.784314 rgBT 583-590.	2.4	17
22	Rhenium(I) carbonyl complexes with redox non-innocent 1-alkyl-2-[(o-thioalkyl)phenylazo]imidazole ligands: An experimental and theoretical studies. Polyhedron, 2012, 40, 46-52.	2.2	9