

Vinayak Kamat

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Hydroxyacetone derived N4-methyl substituted thiosemicarbazone: Syntheses, crystal structures and spectroscopic characterization of later first-row transition metal complexes. <i>Journal of Molecular Structure</i> , 2021, 1224, 129055.	3.6	4
2	8-Hydroxyquinoline derived p-halo N4-phenyl substituted thiosemicarbazones: Crystal structures, spectral characterization and in vitro cytotoxic studies of their Co(III), Ni(II) and Cu(II) complexes. <i>Bioorganic Chemistry</i> , 2021, 112, 104962.	4.1	25
3	1,10-Phenanthroline-copper mediated ligand transformations: Synthesis and characterization of unusual mixed ligand complexes of copper (II). <i>Inorganica Chimica Acta</i> , 2018, 476, 77-82.	2.4	8
4	p-halo N4-phenyl substituted thiosemicarbazones: Crystal structure, supramolecular architecture, characterization and bio-assay of their Co(III) and Ni(II) complexes. <i>Journal of Molecular Structure</i> , 2018, 1156, 115-126.	3.6	18
5	Crystal structure and Hirshfeld surface analysis of bis (2-(2-(1H-benzo[d]imidazol-2-yl)hydrazono)propan-1-ol) nickel(II) chloride. <i>Chemical Data Collections</i> , 2018, 17-18, 251-262.	2.3	1
6	Transition metal complexes of 2-(2-(1H-benzo[d]imidazol-2-yl)hydrazono)propan-1-ol: Synthesis, characterization, crystal structures and anti-tuberculosis assay with docking studies. <i>Polyhedron</i> , 2017, 127, 225-237.	2.2	10
7	Effect of acetate and nitrate anions on the molecular structure of 3-(hydroxyimino)-2-butanone-2-(1H-benzimidazol-2-yl)hydrazono. <i>Journal of Molecular Structure</i> , 2017, 1133, 546-556.	3.6	6
8	In situ oxidation triggered heteroleptically deprotonated cobalt(III) and homoleptic nickel(II) complexes of diacetyl monoxime derived tri-nitrogen chelators; Synthesis, molecular structures and biological assay. <i>Inorganica Chimica Acta</i> , 2017, 466, 625-631.	2.4	8
9	[Dichlorido (2-(2-(1H-benzo[d]thiazol-2-yl)hydrazono)propan-1-ol) Cu(II)]: Crystal structure, Hirshfeld surface analysis and correlation of its ESI-MS behavior with [Dichlorido 3-(hydroxyimino)-2-butanone-2-(1H-benzo[d]thiazol-2-yl)hydrazono Cu(II)]. <i>Journal of Molecular Structure</i> , 2017, 1149, 357-366.	3.6	15
10	Evaluation of DNA cleavage, antimicrobial and anti-tubercular activities of potentially active transition metal complexes derived from 2,6-di(benzofuran-2-carbohydrazono)-4-methylphenol. <i>Journal of Molecular Structure</i> , 2017, 1127, 289-295.	3.6	16
11	Synthesis and spectroscopic characterization of transition metal complexes derived from novel benzofuran hydrazone chelating ligand: DNA cleavage studies and antimicrobial activity with special emphasis on antituberculosis. <i>Applied Organometallic Chemistry</i> , 2016, 30, 181-187.	3.5	14
12	Pyrazole bridged dinuclear Cu(II) and Zn(II) complexes as phosphatase models: Synthesis and activity. <i>Journal of Molecular Structure</i> , 2016, 1125, 671-679.	3.6	10