

Manoj Kumar Bharty

List of Publications by Year in descending order

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papers

377
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#	ARTICLE	IF	CITATIONS
1	Mn(II) catalyzed synthesis of 5-(4-hydroxyphenyl)-2-(N-phenylamino)-1,3,4-oxadiazole: Crystal structure, DFT, molecular docking, Hirshfeld surface analysis, and in vitro anticancer activity on DL cells. <i>Journal of Molecular Structure</i> , 2022, 1249, 131547.	3.6	10
2	Electrocatalytic oxygen evolution and antiproliferative activity of Co(III) complexes stabilized by in situ generated <i>N</i> -(5-furan/phenyl)-1,2,4-triazole-3-sulfonamide. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6495.	3.5	5
3	Synthesis, structural characterization, DFT, fluorescence, and redox behaviour of 4-[5-(2-picolylsulfanyl)-1,3,4-oxadiazole-2-yl]-pyridine. <i>Journal of Molecular Structure</i> , 2022, 1249, 131637.	3.6	2
4	Cobalt (III) complex exerts anti-cancer effects on T cell lymphoma through induction of cell cycle arrest and promotion of apoptosis. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2022, 30, 127-138.	2.0	2
5	Antiproliferative activity and electrochemical oxygen evolution by Ni(II) complexes of <i>N</i> -(2-(aroyl)-hydrazine carbodithioates). <i>Dalton Transactions</i> , 2021, 50, 14362-14373.	3.3	9
6	Advances in protein misfolding, amyloidosis and its correlation with human diseases. <i>3 Biotech</i> , 2020, 10, 193.	2.2	15
7	Photophysical, electrochemical and TD-DFT studies of Ni(II) and Mn(II) complexes of <i>N</i> -(2-methylfuran-3-carbonyl)hydrazine carbodithioic acid ethyl ester. <i>Polyhedron</i> , 2019, 174, 114160.	2.2	8
8	Synthesis, structure, photoluminescence and electrochemical properties of mononuclear Ag(I) and polymeric Zn(II) complexes of potassium 4-methyl piperazine-1-carbodithioate. <i>Journal of Molecular Structure</i> , 2019, 1177, 260-268.	3.6	9
9	Synthesis, structural characterization, electrochemical studies and DFT calculations on nickel(II) complexes of <i>N</i> -picolinoyl- <i>N</i> -benzothioylhydrazide and 5-(pyridine-4-yl)-2H-1,2,4-triazole-3-thione. <i>Transition Metal Chemistry</i> , 2017, 42, 243-252.	1.4	8
10	Square planar Ni(II) complexes of acetone- <i>N</i> -phenyl-thiosemicarbazone and in situ generated benzoyl thiosemicarbazide ligands: synthesis, spectral and structural characterizations, thermal behaviour and electrochemical studies. <i>New Journal of Chemistry</i> , 2017, 41, 15466-15474.	2.8	6
11	Ag(I), Cu(II), Co(III) and Hg(II) complexes and metal-assisted products derived from 4-methyl-piperidine-carbodithioate: syntheses, structures, thermal analyses, redox behaviour and fluorescence properties. <i>RSC Advances</i> , 2016, 6, 93867-93880.	3.6	23
12	Square planar Pd(II) complexes derived from 1-ethyl-3-phenylthiourea, 3-mercapto-4-methyl-1,2,4-triazole and 2-mercapto-5-methyl-1,3,4-thiadiazole: Syntheses, spectral, structural characterization and photoluminescence properties. <i>Inorganica Chimica Acta</i> , 2016, 443, 160-169.	2.4	20
13	NNS tridentate thiosemicarbazide and 1,3,4-thiadiazole-2-amine complexes of some transition metal ions: syntheses, structure and fluorescence properties. <i>Journal of Coordination Chemistry</i> , 2016, 69, 1258-1271.	2.2	12
14	Surface enhanced Raman scattering investigation of two novel piperazine carbodithioic acids adsorbed on Ag and ZnO nanoparticles. <i>RSC Advances</i> , 2015, 5, 5571-5579.	3.6	10
15	Synthesis, spectral characterization, thermal behaviour, antibacterial activity and DFT calculation on <i>N</i> -[bis(methylsulfanyl)methylene]-2-hydroxybenzohydrazide and <i>N</i> -(4-methoxy) Tj ETQq1 1 0.784314 rgBT _{3,9} /Overlock 10 Tf 501 <i>Biomolecular Spectroscopy</i> , 2015, 145, 98-109.	3.9	8
16	Ni(II) and Co(III) complexes of 5-methyl-1,3,4-thiadiazole-2-thiol: syntheses, spectral, structural, thermal analysis, and DFT calculation. <i>Journal of Coordination Chemistry</i> , 2015, 68, 2666-2681.	2.2	14
17	Syntheses, structural and thermal studies on Zn(II) complexes of 5-aryl-1,3,4-oxadiazole-2-thione and dithiocarbamates: Antibacterial activity and DFT calculations. <i>Polyhedron</i> , 2015, 98, 84-95.	2.2	39
18	Synthesis, spectral and structural characterization of cobalt(III) dithiocarbamate complexes: Catalytic application for the solvent free enamination reaction. <i>Polyhedron</i> , 2015, 102, 375-385.	2.2	15

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19	Mononuclear Ni(II) and dinuclear Cd(II) complexes of 4-phenyl-2H-1,2,4-triazole-3-thione and Mn(II) catalyzed disulphide bond formation in 3,3'-dithio bis (4-phenyl-1,2,4-triazole): Syntheses, structural characterization, thermal analysis and DFT calculation. <i>Inorganica Chimica Acta</i> , 2014, 421, 519-530.	2.4	9
20	Ni(II), Cu(II) and Zn(II) complexes of (Z)-N ² (1,3,4-thiadiazol-2-yl) acetimidate: Synthesis, spectral, solid state electrical conductivity, X-ray diffraction and DFT study. <i>Polyhedron</i> , 2013, 65, 31-41.	2.2	21
21	Hg(II) complexes of 4-phenyl-5-(3-pyridyl)-1,2,4-triazole-3-thione and 5-(4-pyridyl)-1,3,4-oxadiazole-2-thione and a Ni(II) complex of 5-(thiophen-2-yl)-1,3,4-oxadiazole-2-thione: Synthesis and X-ray structural studies. <i>Polyhedron</i> , 2013, 50, 582-591.	2.2	15
22	Mononuclear Ag(I), dinuclear and polymeric Hg(II) complexes of 3-mercapto-4-methyl-4H-1,2,4-triazole: Syntheses, spectral, X-ray, photoluminescence and thermal analysis. <i>Polyhedron</i> , 2013, 54, 131-139.	2.2	28
23	Studies on novel Cu(II) complexes of 5-(4-hydroxy-phenyl)-1,3,4-thiadiazole-2-thiol and 5-thiophen-2-yl-3H-1,3,4-oxadiazole-2-thione: Synthesis, spectral and structural characterization. <i>Polyhedron</i> , 2012, 41, 52-60.	2.2	16
24	A seven membered chelate ring complex of Mn(II) derived from bis(5-phenyl-2H-1,2,4-triazole-3-yl)-disulfane and cleavage of the S-S bond in a Co(II) complex: Synthesis, spectral and structural characterization. <i>Polyhedron</i> , 2011, 30, 1927-1934.	2.2	7
25	Polymeric Hg(II) and dimeric oxo-bridged manganese(II) complexes derived from N ² -(2-methyl-benzoyl)-hydrazinecarbodithioic acid methyl ester: Synthesis, spectral and structural characterization. <i>Polyhedron</i> , 2011, 30, 1960-1967.	2.2	8
26	5-Pyridine 4-yl-3H-(1,3,4) Oxadiazole-2 Thione Hydrochloride Monohydrate, (I), and 4 Crystallography, 2011, 41, 6-11.	1.1	12
27	Synthesis, spectral and X-ray structural studies of Ni(II) complexes of N ² -acylhydrazine carbodithioic acid esters containing ethylenediamine or o-phenanthroline as coligands. <i>Polyhedron</i> , 2011, 30, 990-996.	2.2	8
28	N ² -[Bis(benzylsulfanyl)methylidene]-4-methoxybenzohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o1899-o1899.	0.2	6
29	5-Phenyl-1,3,4-oxadiazole-2(3H)-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o782-o784.	0.2	18
30	Tetrabutylammonium 5-(2-hydroxyphenyl)-1,3,4-oxadiazole-2-thiolate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o4327-o4327.	0.2	8
31	4-[5-(Benzylsulfanyl)-1,3,4-oxadiazol-2-yl]pyridine from a single-pot reaction. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o3473-o3474.	0.2	5
32	Hydrogen bond cross-linked luminescent supramolecular network polymer and its application for detection of alkyl iodide with differentiation capabilities from aromatic iodide. <i>New Journal of Chemistry</i> , 0, , .	2.8	3