

M R P Kurup

List of Publications by Year in descending order

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245
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#	ARTICLE	IF	CITATIONS
1	Epr, cyclic voltammetric and biological activities of copper(II) complexes of salicylaldehyde N(4)-substituted thiosemicarbazone and heterocyclic bases. <i>Polyhedron</i> , 1998, 18, 321-331.	1.0	211
2	New copper(II) complexes of 2-hydroxyacetophenone N(4)-substituted thiosemicarbazones and polypyridyl co-ligands: structural, electrochemical and antimicrobial studies. <i>Polyhedron</i> , 2004, 23, 2549-2559.	1.0	160
3	Structural, antimicrobial and spectral studies of copper(II) complexes of 2-benzoylpyridine N(4)-phenyl thiosemicarbazone. <i>Polyhedron</i> , 2006, 25, 61-70.	1.0	158
4	Structural and spectral studies on four coordinate copper(II) complexes of 2-benzoylpyridine N(4),N(4)-(butane-1,4-diyl)thiosemicarbazone. <i>Polyhedron</i> , 2003, 22, 3321-3332.	1.0	134
5	Copper(II) complexes of N(4)-substituted thiosemicarbazones derived from pyridine-2-carbaldehyde: Crystal structure of a binuclear complex. <i>Polyhedron</i> , 2007, 26, 818-828.	1.0	128
6	Spectral characterization, X-ray structure and biological investigations of copper(II) ternary complexes of 2-hydroxyacetophenone 4-hydroxybenzoic acid hydrazone and heterocyclic bases. <i>Polyhedron</i> , 2004, 23, 575-581.	1.0	118
7	Spectral studies and structure of a 2-hydroxyacetophenone 3-hexamethyleneiminyl thiosemicarbazone(-2) copper(II) complex containing 1,10-phenanthroline. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 1349-1358.	2.0	117
8	Structural, spectral and antimicrobial studies of copper(II) complexes of 2-benzoylpyridine N(4)-cyclohexyl thiosemicarbazone. <i>Polyhedron</i> , 2004, 23, 3069-3080.	1.0	107
9	Structural and spectral studies of nickel(II) complexes of di-2-pyridyl ketone N4,N4-(butane-1,4-diyl) thiosemicarbazone. <i>Polyhedron</i> , 2004, 23, 1225-1233.	1.0	89
10	Spectral and structural studies of mono- and binuclear copper(II) complexes of salicylaldehyde N(4)-substituted thiosemicarbazones. <i>Polyhedron</i> , 2007, 26, 829-836.	1.0	75
11	Cobalt(III) complexes of 2-hydroxyacetophenone N(4)-phenyl semicarbazone containing heterocyclic coligands: syntheses, structure and spectral studies. <i>Polyhedron</i> , 2004, 23, 41-47.	1.0	70
12	Synthesis and structural studies of novel Co(III) ternary complexes containing N(4)-substituted thiosemicarbazones of 2-hydroxyacetophenone and heterocyclic bases. <i>Polyhedron</i> , 2002, 21, 2515-2521.	1.0	69
13	Structural studies of six and four coordinate zinc(II), nickel(II) and dioxovanadium(V) complexes with thiosemicarbazones. <i>Journal of Molecular Structure</i> , 2003, 655, 47-58.	1.8	68
14	Novel binuclear copper(II) complexes of di-2-pyridyl ketone N(4)-methyl, N(4)-phenylthiosemicarbazone: Structural and spectral investigations. <i>Polyhedron</i> , 2005, 24, 1133-1142.	1.0	68
15	Synthesis, characterization and biological studies of Schiff bases derived from heterocyclic moiety. <i>Bioorganic Chemistry</i> , 2017, 70, 67-73.	2.0	66
16	Synthesis, EPR and Mössbauer spectral studies of new iron(III) complexes with 2-benzoylpyridine-N(4), N(4)-(butane-1,4-diyl) thiosemicarbazone (HBpypTsc): X-ray structure of [Fe(BpypTsc) ₂]FeCl ₄ ·2H ₂ O and the free ligand. <i>Polyhedron</i> , 2004, 23, 969-978.	1.0	65
17	Synthesis, spectral characterization and crystal structure of copper(II) complexes of 2-hydroxyacetophenone-N(4)-phenyl semicarbazone. <i>Polyhedron</i> , 2007, 26, 1427-1435.	1.0	62
18	Copper(II) complexes derived from di-2-pyridyl ketone N(4),N(4)-(butane-1,4-diyl)thiosemicarbazone: Crystal structure and spectral studies. <i>Polyhedron</i> , 2006, 25, 1931-1938.	1.0	61

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19	Title is missing!. Transition Metal Chemistry, 1997, 22, 578-582.	0.7	58
20	Synthesis, spectral and EPR studies of oxovanadium(IV) complexes incorporating tridentate ONO donor hydrazone ligands: Structural study of one oxovanadium(V) complex. Polyhedron, 2008, 27, 1455-1462.	1.0	56
21	Metal based biologically active compounds: Design, synthesis, DNA binding and antidiabetic activity of 6-methyl-3-formyl chromone derived hydrazones and their metal (II) complexes. Journal of Photochemistry and Photobiology B: Biology, 2017, 175, 178-191.	1.7	56
22	Structural and spectral studies of an iron(III) complex [Fe(Pranths) ₂][FeCl ₄] derived from 2-acetylpyridine-N(4), N(4)-(butane-1, 4-diyl) thiosemicarbazone (HPranths). Journal of Molecular Structure, 2005, 737, 61-67.	1.8	55
23	Characterisation of nickel(II) complexes of a substituted 2-acetylpyridine thiosemicarbazone by electronic and n.m.r. spectral studies. Transition Metal Chemistry, 1991, 16, 111-113.	0.7	53
24	Synthesis, spectral and structural studies of zinc(II) complexes of salicylaldehyde N(4)-phenylthiosemicarbazone. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 69, 726-732.	2.0	53
25	Spectral and structural studies of copper(II) complexes of thiosemicarbazones derived from salicylaldehyde and containing ring incorporated at N(4)-position. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 70, 86-93.	2.0	53
26	Spectroscopic studies on copper(II) complexes derived from a substituted 2-acetylpyridine thiosemicarbazone. Transition Metal Chemistry, 1988, 13, 309-312.	0.7	51
27	Synthesis and spectral characterization of ternary complexes of oxovanadium(IV) containing some acid hydrazones and 2,2'-bipyridine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 331-336.	2.0	51
28	Synthesis, characterization and physicochemical information, along with antimicrobial studies of some metal complexes derived from an ON donor semicarbazone ligand. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 76, 22-28.	2.0	51
29	Preparation, magnetic and EPR spectral studies of copper(II) complexes of an anticancer drug analogue. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 72, 474-483.	2.0	49
30	Synthesis, spectral characterization and crystal structure of copper(II) complexes of 2-benzoylpyridine-N(4)-phenylsemicarbazone. Polyhedron, 2011, 30, 70-78.	1.0	49
31	Synthesis of mono- and binuclear dioxomolybdenum(VI) complexes derived from N(4)-substituted thiosemicarbazones: X-ray crystal structures of [(MoO ₂ L ₁) ₂], [MoO ₂ L ₁ py] and [MoO ₂ L ₂ py]. Polyhedron, 2007, 26, 3595-3601.	1.0	48
32	Syntheses and EPR spectral studies of manganese(II) complexes derived from pyridine-2-carbaldehyde based N(4)-substituted thiosemicarbazones: Crystal structure of one complex. Polyhedron, 2007, 26, 5088-5094.	1.0	48
33	Spectral studies of iron(III) complexes of substituted thiosemicarbazones of 2-acetylpyridine. Transition Metal Chemistry, 1988, 13, 247-249.	0.7	47
34	Crystal Study of Salicylaldehyde N(4)-Phenylthiosemicarbazone. Journal of Chemical Crystallography, 2008, 38, 93-96.	0.5	47
35	Formation of first gold(III) complex of an N(4)-disubstituted thiosemicarbazone derived from 2-benzoylpyridine: structural and spectral studies. Inorganic Chemistry Communication, 2004, 7, 1250-1253.	1.8	46
36	Vibrational spectroscopic studies and computational study of quinoline-2-carbaldehyde benzoyl hydrazone. Journal of Molecular Structure, 2010, 973, 36-46.	1.8	46

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37	Formation of manganese(II) complexes of substituted thiosemicarbazones derived from 2-benzoylpyridine: Structural and spectroscopic studies. <i>Polyhedron</i> , 2006, 25, 1408-1414.	1.0	45
38	Mn(II) complexes of some acylhydrazones with NNO donor sites: Syntheses, a spectroscopic view on their coordination possibilities and crystal structures. <i>Polyhedron</i> , 2010, 29, 3318-3323.	1.0	44
39	Mixed ligand copper(II) chelates derived from an O, N, S- donor tridentate thiosemicarbazone: Synthesis, spectral aspects, FMO, and NBO analysis. <i>Polyhedron</i> , 2020, 189, 114736.	1.0	44
40	Synthesis, spectral characterization and crystal structure of 2-benzoylpyridine N(4)-cyclohexylthiosemicarbazone. <i>Journal of Molecular Structure</i> , 2004, 705, 63-70.	1.8	43
41	Synthesis, spectroscopic studies and crystal structures of two new vanadium complexes of 2-benzoylpyridine containing hydrazone ligands. <i>Polyhedron</i> , 2007, 26, 2713-2718.	1.0	43
42	Synthesis and spectral characterization of zinc(II) complexes of N(4)-substituted thiosemicarbazone derived from salicylaldehyde: Structural study of a novel OH^- free Zn(II) complex. <i>Polyhedron</i> , 2007, 26, 4107-4113.	1.0	43
43	Manganese(II) complexes of substituted thio- and seleno-semicarbazones of 2-acetylpyridine: E.s.r., magnetic and electronic spectral studies. <i>Transition Metal Chemistry</i> , 1988, 13, 92-95.	0.7	42
44	Structural and spectral studies of novel Co(III) complexes of N(4)-substituted thiosemicarbazones derived from pyridine-2-carbaldehyde. <i>Polyhedron</i> , 2007, 26, 607-616.	1.0	42
45	Chemistry of molecular and supramolecular structures of vanadium(IV) and dioxygen-bridged V(V) complexes incorporating tridentate hydrazone ligands. <i>Inorganica Chimica Acta</i> , 2009, 362, 4191-4197.	1.2	42
46	Spectral characterization of iron(III) complexes of 2-benzoylpyridine N(4)-substituted thiosemicarbazones. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 64, 637-641.	2.0	41
47	Design and characterization of Cu(II) complexes from 2-benzoylpyridine benzhydrazone: Crystallographic evidence for coordination versatility. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 686-692.	2.0	40
48	Synthesis, spectral studies and structure of 2-hydroxyacetophenone nicotinic acid hydrazone. <i>Journal of Molecular Structure</i> , 2003, 645, 221-226.	1.8	39
49	Studies on Co(II) and Co(III) complexes of di-2-pyridyl ketone N(4)-cyclohexyl and N(4)-phenyl thiosemicarbazones. <i>Polyhedron</i> , 2007, 26, 5203-5209.	1.0	39
50	Synthesis and spectral studies of cadmium(II) complexes derived from di-2-pyridyl ketone and N4-phenylsemicarbazide: First structural report of a cadmium(II) complex of semicarbazone. <i>Polyhedron</i> , 2008, 27, 1825-1831.	1.0	39
51	Spectral characterization and crystal structure of 2-benzoylpyridine nicotinoyl hydrazone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 353-358.	2.0	38
52	Synthesis, spectral characterization and crystal structure of N-2-hydroxy-4-methoxybenzaldehyde-N α -2,4-nitrobenzoyl hydrazone and its square planar Cu(II) complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 1253-1260.	2.0	38
53	Synthesis and spectral investigations of vanadium(IV/V) complexes derived from an ONS donor thiosemicarbazone ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 71, 2040-2044.	2.0	37
54	The molecular response of vanadium complexes of nicotinoyl hydrazone in cervical cancers – A possible interference with HPV oncogenic markers. <i>Life Sciences</i> , 2014, 116, 90-97.	2.0	37

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55	Spectral and structural studies of nickel(II) complexes of salicylaldehyde 3-azacyclothiosemicarbazones. <i>Polyhedron</i> , 2008, 27, 35-43.	1.0	36
56	Synthesis and spectral characterization of copper(II) complexes derived from 2-benzoylpyridine-N4,N4-dimethyl-3-thiosemicarbazone: Crystal structure of a binuclear complex. <i>Polyhedron</i> , 2014, 75, 50-56.	1.0	36
57	Structural and spectral studies of nickel(II) complexes with N(4),N(4)-(butane-1,4-diyl) thiosemicarbazones. <i>Polyhedron</i> , 2008, 27, 275-282.	1.0	35
58	Dual responsive salen-type Schiff bases for the effective detection of arginine via a static quenching mechanism. <i>New Journal of Chemistry</i> , 2018, 42, 13114-13121.	1.4	35
59	Unusual isolation of a hemiaminal product from 4-cyclohexyl-3-thiosemicarbazide and di-2-pyridyl ketone: Structural and spectral investigations. <i>Journal of Molecular Structure</i> , 2005, 749, 177-182.	1.8	31
60	Self-assembled macrocyclic molecular squares of Ni(II) derived from carbohydrazones and thiocarbohydrazones: Structural and magnetic studies. <i>Polyhedron</i> , 2007, 26, 4451-4462.	1.0	31
61	Design, synthesis, antimicrobial and antioxidant activity of 3-formyl chromone hydrazone and their metal (II) complexes. <i>Inorganica Chimica Acta</i> , 2018, 469, 87-97.	1.2	31
62	Synthesis, spectroscopy, electrochemistry, crystal structures and in vitro cytotoxicity of mononuclear molybdenum(VI) complexes incorporating tridentate ONO donor aroylhydrazone with auxiliary coordination site. <i>Inorganica Chimica Acta</i> , 2018, 483, 44-52.	1.2	31
63	Structural and spectral perspectives of a novel thiosemicarbazone synthesized from di-2-pyridyl ketone and 4-phenyl-3-thiosemicarbazide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 63, 174-181.	2.0	30
64	Synthesis, spectroscopic, crystal structures and photoluminescence studies of cadmium(II) complexes derived from di-2-pyridyl ketone benzoylhydrazone: Crystal structure of a rare eight coordinate cadmium(II) complex. <i>Polyhedron</i> , 2017, 127, 84-96.	1.0	30
65	Macrocyclic molecular square complex of zinc(II) self-assembled with a carbohydrazone ligand. <i>Inorganic Chemistry Communication</i> , 2007, 10, 324-328.	1.8	29
66	Structural and spectral investigations on some new Ni(II) complexes of di-2-pyridyl ketone N(4)-phenylthiosemicarbazone. <i>Polyhedron</i> , 2007, 26, 3097-3102.	1.0	29
67	Inclusion, pseudo-inclusion compounds and coordination polymer of Pd(II), Zn(II) and Cd(II) from salen-type Schiff base ligand with a 1,3-diimino spacer group: Crystal structures, spectroscopic and thermal studies. <i>Polyhedron</i> , 2016, 115, 180-192.	1.0	29
68	Syntheses, EPR spectral studies and crystal structures of manganese(II) complexes of neutral N,N donor bidentate Schiff bases and azide/thiocyanate as coligand. <i>Polyhedron</i> , 2010, 29, 2643-2650.	1.0	28
69	Dioxidomolybdenum(VI) complexes of tridentate ONO donor aroylhydrazones: Syntheses, spectral and structural characterization. <i>Polyhedron</i> , 2017, 123, 206-216.	1.0	27
70	Versatile binding properties of a di-2-pyridyl ketone nicotinoylhydrazone ligand: Crystal structure of a Cu(II) complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 926-934.	2.0	26
71	A reversible thermo-responsive 2D Zn(ii) coordination polymer as a potential self-referenced luminescent thermometer. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2525-2532.	2.7	26
72	N-2-Hydroxy-4-methoxyacetophenone-N-4-nitrobenzoyl hydrazine: Synthesis and structural characterization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 898-903.	2.0	25

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73	The ligating versatility of pseudohalides like thiocyanate and cyanate in copper(II) complexes of 2-benzoylpyridine semicarbazone: Monomer, dimer and polymer. <i>Polyhedron</i> , 2016, 113, 73-80.	1.0	25
74	Polymeric polymorphs and a monomer of pseudohalide incorporated Cu(II) complexes of 2,4-dichlorido-6-((2-(dimethylamino)ethylimino)methyl)phenol]: Crystal structures and spectroscopic behavior. <i>Inorganica Chimica Acta</i> , 2016, 443, 251-266.	1.2	25
75	Synthesis and characterization of a new aroylhydrazone ligand and its cobalt(III) complexes: X-ray crystallography and <i>in vitro</i> evaluation of antibacterial and antifungal activities. <i>Journal of Molecular Structure</i> , 2019, 1178, 544-553.	1.8	25
76	Manganese(II) complexes of substituted di-2-pyridyl ketone thiosemicarbazones: Structural and spectral studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 64, 171-177.	2.0	24
77	DMSO coordinated dioxidomolybdenum(VI) complexes chelated with 3-methoxybenzhydrazone related ligands: Synthesis, structural studies and <i>in vitro</i> cytotoxicity. <i>Polyhedron</i> , 2019, 169, 151-161.	1.0	24
78	Cd(II) and Ni(II) complexes from aroyl hydrazones: Unravelling the intermolecular interactions and electronic, crystal structures through experimental and theoretical studies. <i>Inorganica Chimica Acta</i> , 2018, 469, 264-279.	1.2	23
79	Copper(II) complexes derived from di-2-pyridyl ketone-N4-phenyl-3-semicarbazone: Synthesis and spectral studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 76, 322-327.	2.0	22
80	Novel class of mononuclear 2-methoxy-4-chromanones ligated Cu (II), Zn (II), Ni (II) complexes: synthesis, characterisation and biological studies. <i>Inorganica Chimica Acta</i> , 2018, 478, 155-165.	1.2	22
81	Visible light-driven photocatalytic degradation of methylene blue dye over bismuth-doped cerium oxide mesoporous nanoparticles. <i>Environmental Science and Pollution Research</i> , 2021, 28, 4147-4155.	2.7	22
82	A novel manganese(II) bithiocarbohydrazone complex: Crystal structures, Hirshfeld surface analysis, DFT and molecular docking study with SARS-CoV-2. <i>Journal of Molecular Structure</i> , 2021, 1246, 131125.	1.8	22
83	Bis[1-(pyridin-2-yl)ethanone- \hat{N} 4-phenylthiosemicarbazonato- \hat{N} 2N4,S]manganese(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002, 58, m461-m463.	0.4	21
84	Synthesis and spectral characterization of mono- and binuclear copper(II) complexes derived from 2-benzoylpyridine-N4-methyl-3-thiosemicarbazone: Crystal structure of a novel sulfur bridged copper(II) box-dimer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 139, 28-36.	2.0	21
85	Structural, spectral and biological investigations on Cu(II) and Zn(II) complexes derived from NNO donor tridentate Schiff base: Crystal structure of a 1D Cu(II) coordination polymer. <i>Journal of Molecular Structure</i> , 2020, 1206, 127682.	1.8	21
86	Syntheses, spectral aspects and biological studies of bromide and azide bridged box dimer copper(II) complexes of an NNO donor aroylhydrazone. <i>Inorganica Chimica Acta</i> , 2020, 501, 119301.	1.2	21
87	Formulation and evaluation of $\hat{\beta}$ -cyclodextrin-mediated inclusion complexes of isoniazid scaffolds: molecular docking and <i>in vitro</i> assessment of antitubercular properties. <i>New Journal of Chemistry</i> , 2020, 44, 4467-4477.	1.4	21
88	Zinc(II) complexes derived from di-2-pyridyl ketone N4-phenyl-3-semicarbazone: Crystal structures and spectral studies. <i>Polyhedron</i> , 2008, 27, 3461-3466.	1.0	20
89	Synthesis, spectral and structural studies of oxovanadium(IV/V) complexes derived from 2-hydroxyacetophenone-3-hydroxy-2-naphthoylhydrazone: polymorphs of oxovanadium(V) complex [VOL(OCH ₃)]. <i>Structural Chemistry</i> , 2010, 21, 599-605.	1.0	20
90	Low temperature synthesis of NIR reflecting bismuth doped cerium oxide yellow nano-pigments. <i>Materials Letters</i> , 2018, 233, 82-85.	1.3	20

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91	Transition Metal Complexes of Furan-2-aldehyde Thiosemicarbazone. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2003, 33, 1275-1287.	1.8	19
92	Experimental and theoretical studies on photoluminescent Zn(II) host complex with an open book structure: Implication on potential bioactivity and comparison with its ligand and Zn(II), Pd(II) siblings. Polyhedron, 2017, 135, 278-295.	1.0	19
93	Self-organized three dimensional architectures based on non-covalent interactions in square planar Cu(II) thiosemicarbazone: Solvent mediated crystallization and EPR based correlation study. Inorganica Chimica Acta, 2018, 473, 223-235.	1.2	19
94	Synthesis, Spectral Characterization and Crystal Structures of Dioxidomolybdenum(VI) Complexes Derived from Nicotinoylhydrazones. Journal of Chemical Crystallography, 2019, 49, 219-231.	0.5	19
95	A crystallographic study of 2-hydroxyacetophenone N(4)-cyclohexyl thiosemicarbazone. Journal of Chemical Crystallography, 2006, 36, 189-193.	0.5	18
96	Synthesis and Spectral Studies of Bisthiocarbohydrazone and Biscarbohydrazone of Quinoline-2-carbaldehyde: Crystal Structure of Bis(quinoline-2-aldehyde) Thiocarbohydrazone. Journal of Chemical Crystallography, 2008, 38, 157-161.	0.5	18
97	Experimental and theoretical investigations on Pd(II) host-guest compound: Deciphering the structural and electronic features of a potential bioactive complex. Journal of Molecular Structure, 2017, 1145, 170-183.	1.8	18
98	Structural studies of poly[(1/4 2 -acetato)(1/4 3 -5-aminoisophthalato)diaquacerium(III) monohydrate]: A new three dimensional fluorescent metal-organic framework constructed from dimers of CeO 9 polyhedra with hydrophilic S-shaped channels. Journal of Molecular Structure, 2017, 1137, 396-402.	1.8	18
99	Thermal lens technique to evaluate the fluorescence quantum yield of a schiff base. Applied Physics B: Lasers and Optics, 2004, 79, 629-633.	1.1	17
100	Cd(II) and Ni(II) complexes from a tridentate NNO Schiff base: Crystal structures, spectral aspects and Hirshfeld surface analysis. Polyhedron, 2019, 158, 386-397.	1.0	17
101	In vitro biomolecular interaction studies and cytotoxic activities of copper(II) and zinc(II) complexes bearing ONS donor thiosemicarbazones. Applied Organometallic Chemistry, 2021, 35, .	1.7	17
102	Salicylaldehyde 4,4-(hexane-1,6-diyl)thiosemicarbazone. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o16-o18.	0.4	16
103	Halogen/azide bridged box dimer copper(II) complexes of 2-benzoylpyridine-3-methoxybenzhydrazone: Structural and spectral studies. Polyhedron, 2018, 141, 60-68.	1.0	16
104	Crystal structures and supramolecular architectures of ONO donor hydrazone and solvent exchangeable dioxidomolybdenum(VI) complexes derived from 3,5-diiodosalicylaldehyde-4-methoxybenzoylhydrazone: Hirshfeld surface analysis and interaction energy calculations. Polyhedron, 2019, 170, 749-761.	1.0	16
105	Synthesis, characterization, biological screening and molecular docking of Zn(II) and Cu(II) complexes of 3,5-dichlorosalicylaldehyde-N-cyclohexylthiosemicarbazone. Applied Organometallic Chemistry, 2020, 34, e5294.	1.7	16
106	Chelating behavior of 2-hydroxyacetophenone N(4)-disubstituted thiosemicarbazones: Facile formation of Mn(IV) complexes X-ray structure, EPR and cyclic voltammetric studies. Polyhedron, 2005, 24, 601-610.	1.0	15
107	N-E-(3-Fluoropyridin-2-yl)methylidene]benzohydrazide monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2709-o2709.	0.2	15
108	Crystal structure and characterization of a novel luminescent 2D metal-organic framework, poly[acuitaconatocalcium(II)] possessing an open framework structure with hydrophobic channels. Journal of Molecular Structure, 2016, 1105, 316-321.	1.8	15

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109	Cu(II) and Zn(II) complexes from a thiosemicarbazone derivative: Investigating the intermolecular interactions, crystal structures and cytotoxicity. <i>Journal of Molecular Structure</i> , 2020, 1202, 127319.	1.8	15
110	Transition metal complexes of 2-formylthiophene S-methyldithiocarbazate. <i>Transition Metal Chemistry</i> , 1997, 22, 507-509.	0.7	14
111	Synthesis and crystal structure of cobalt(III) complex with a Schiff base and azide. <i>Journal of Chemical Crystallography</i> , 2006, 37, 31-36.	0.5	14
112	Structural and spectral studies on manganese(II) complexes of di-2-pyridyl ketone N(4)-methyl and N(4)-ethyl thiosemicarbazones. <i>Polyhedron</i> , 2008, 27, 3294-3298.	1.0	14
113	Molecular trail for the anticancer behavior of a novel copper carbohydrazone complex in BRCA1 mutated breast cancer. <i>Molecular Carcinogenesis</i> , 2017, 56, 1501-1514.	1.3	14
114	Crystallographic, spectroscopic and theoretical investigations on Ni(II) complexes of a tridentate NNS donor thiosemicarbazone. <i>Polyhedron</i> , 2019, 158, 398-407.	1.0	14
115	Synthesis, spectral and structural studies of novel binuclear Ni(II) complex of salicylaldehyde 3-azacyclothiosemicarbazone. <i>Inorganica Chimica Acta</i> , 2009, 362, 2515-2518.	1.2	13
116	Structural and spectral characterization of Cu(II) complexes of N(4)-substituted thiosemicarbazones derived from 2-hydroxyacetophenone: Crystal structure of a dinuclear Cu(II) complex. <i>Journal of Chemical Sciences</i> , 2020, 132, 1.	0.7	13
117	Synthesis and characterization of Mo(VI) complexes derived from ONO donor acylhydrazones. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 1424-1428.	2.0	12
118	Spectral studies of copper(II) complexes of tridentate acylhydrazone ligands with heterocyclic compounds as coligands: X-ray crystal structure of one acylhydrazone copper(II) complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1154-1161.	2.0	12
119	Synthesis and characterization of a prominent NLO active MOF of lead with 1,5-naphthalenedisulfonic acid. <i>Journal of Molecular Structure</i> , 2018, 1167, 134-141.	1.8	12
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131	(2E)-2-(5-Bromo-2-hydroxy-3-methoxybenzylidene)-N-cyclohexylhydrazinecarbothioamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o836-o837.	0.2	9
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165	(2E)-2-(5-Bromo-2-hydroxy-3-methoxybenzylidene)-N-phenylhydrazinecarbothioamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1871-o1872.	0.2	5
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175	Facile synthesis and spectral characterization of 2, 5-bis (cyclohexylamino)-1, 4-benzoquinone polymorphs from methyl and \hat{A} ethyl protocatechuic aldehydes. <i>Journal of Molecular Structure</i> , 2017, 1141, 299-308.	1.8	4
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197	Di($\hat{1}$ / $\hat{4}$ -acetato- $\hat{4}$ O:O-bis({N \hat{a} \hat{e} $\hat{2}$ -[(E)-phenyl(pyridin-2-yl- \hat{N})methylidene]benzohydrazidato- $\hat{2}$ N \hat{a} \hat{e} $\hat{2}$,O})copper(II)). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1086-m1087.	0.2	2
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232	(1-[(E)-[Phenyl(pyridin-2-yl-Î²N)methylidene]amino-Î²N]pyrrolidin-2-one-Î²O)bis(thiocyanato-Î²N)copper(II). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1302-m1302.	0.2	0
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236	(E)-2-(4-Benzyloxy-2-hydroxybenzylidene)-N-methylhydrazinecarbothioamide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o112-o113.	0.2	0
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244	Crystal structures of (1E,4E)-1,5-bis(5-bromothiophen-2-yl)-2,4-dimethylpenta-1,4-dien-3-one and (E)-4-(5-bromothiophen-2-yl)-1,3-diphenylbut-3-en-2-one. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 199-202.	0.2	0
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