

M R P Kurup

List of Publications by Year in descending order

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245
papers

5,403
citations

66234

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Solid-state synthesis, characterisation, crystal structure and computational studies of a novel proton transfer compound: 8-Hydroxyquinoliniumphthalate~an optical limiting crystal. <i>Indian Journal of Physics</i> , 2022, 96, 2161-2174.	0.9	1
2	Spectral, thermal and DFT studies of novel nickel(II) complexes of 2-benzoylpyridine-N4-methyl-3-thiosemicarbazone: Crystal structure of a square planar azido-nickel(II) complex. <i>Journal of Molecular Structure</i> , 2022, 1253, 132257.	1.8	10
3	Copper(II) complexes as novel anticancer drug: Synthesis, spectral studies, crystal structures, in silico molecular docking and cytotoxicity. <i>Journal of Molecular Structure</i> , 2022, 1258, 132672.	1.8	9
4	Structural, spectral, cytotoxic and biocatalytic studies of a dinuclear phenoxo bridged Zn(II) complex from NNO donor tridentate Schiff base. <i>Chemical Data Collections</i> , 2022, 39, 100853.	1.1	3
5	Copper(II) salen-based complexes as potential anticancer agents. <i>New Journal of Chemistry</i> , 2022, 46, 12540-12550.	1.4	8
6	In vitro biomolecular interaction studies and cytotoxic activities of copper(II) and zinc(II) complexes bearing ONS donor thiosemicarbazones. <i>Applied Organometallic Chemistry</i> , 2021, 35, .	1.7	17
7	Spectral studies and crystal structures of molybdenum(VI) complexes containing pyridine or picoline as auxiliary ligands: interaction energy calculations and free radical scavenging studies. <i>Transition Metal Chemistry</i> , 2021, 46, 241-253.	0.7	1
8	Evaluating the role of a urea-like motif in enhancing the thermal and mechanical strength of supramolecular gels. <i>CrystEngComm</i> , 2021, 23, 617-628.	1.3	9
9	Synthesis, crystal structure and ligand based catalytic activity of octahedral salen Schiff base Co(III) compounds. <i>Journal of Molecular Structure</i> , 2021, 1229, 129779.	1.8	6
10	A 2D-layered Cd(II) MOF as an efficient heterogeneous catalyst for the Knoevenagel reaction. <i>Journal of Solid State Chemistry</i> , 2021, 294, 121846.	1.4	11
11	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
12	Diversities in the chelation of aroylhydrazones towards cobalt(II) salts: Synthesis, spectral characterization, crystal structure and some theoretical studies. <i>Journal of Molecular Structure</i> , 2021, 1232, 129978.	1.8	12
13	Novel dioxidomolybdenum complexes containing ONO chelators: Synthesis, physicochemical properties, crystal structures, Hirshfeld surface analysis, DNA binding/cleavage studies, docking, and in vitro cytotoxicity. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6334.	1.7	3
14	Zinc(II) complexes of N(4)-monosubstituted thiosemicarbazones derived from pyridine-2-carbaldehyde: Structural and spectroscopic studies. <i>Chemical Data Collections</i> , 2021, 33, 100681.	1.1	7
15	Nickel(II) complexes of N(4)-substituted thiosemicarbazones derived from pyridine-2-carbaldehyde: Crystal structures, spectral aspects and Hirshfeld surface analysis. <i>Journal of Molecular Structure</i> , 2021, 1237, 130362.	1.8	10
16	Spectral studies and quantum chemical ab initio calculations for Copper(II) complexes of two heterocyclic aroylhydrazones. <i>Journal of Molecular Structure</i> , 2021, 1245, 131001.	1.8	7
17	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
18	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

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19	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. Journal of Molecular Structure, 2020, 1206, 127682.	1.8	21
20	Mn(II) complex of a di-2-pyridyl ketone-N(4)-substituted thiosemicarbazone: Versatile biological properties and naked-eye detection of Fe ²⁺ and Ru ³⁺ ions. Polyhedron, 2020, 178, 114333.	1.0	7
21	A reversible thermo-responsive 2D Zn(ii) coordination polymer as a potential self-referenced luminescent thermometer. Journal of Materials Chemistry C, 2020, 8, 2525-2532.	2.7	26
22	Synthesis and characterization of homobimetallic molybdenum(VI) complexes of a dihydrazone as efficient catalysts for the synthesis of hexahydroxyquinolines via multicomponent Hantzsch reaction. Journal of Molecular Structure, 2020, 1204, 127553.	1.8	5
23	Synthesis, characterization, biological screening and molecular docking of Zn(II) and Cu(II) complexes of 3,5-dichlorosalicylaldehyde-N ⁴ -cyclohexylthiosemicarbazone. Applied Organometallic Chemistry, 2020, 34, e5294.	1.7	16
24	Mononuclear and binuclear dioxidomolybdenum(VI) complexes of ONO appended aroylhydrazone: Crystal structures, interaction energy calculation and cytotoxicity. Journal of Molecular Structure, 2020, 1204, 127467.	1.8	9
25	Syntheses, spectral aspects and biological studies of bromide and azide bridged box dimer copper(II) complexes of an NNO donor aroylhydrazone. Inorganica Chimica Acta, 2020, 501, 119301.	1.2	21
26	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. Journal of Chemical Sciences, 2020, 132, 1.	0.7	13
27	Spectral and biological studies of copper complex of (Z)-N ⁴ -(3,5-dichloro-2-hydroxybenzylidene) benzohydrazide. AIP Conference Proceedings, 2020, , .	0.3	0
28	Mixed ligand copper(II) chelates derived from an O, N, S- donor tridentate thiosemicarbazone: Synthesis, spectral aspects, FMO, and NBO analysis. Polyhedron, 2020, 189, 114736.	1.0	44
29	Synthesis, spectral, structural and antibacterial studies of ONO donor aroylhydrazone and its Mo(VI) complex. Journal of Molecular Structure, 2020, 1213, 128188.	1.8	5
30	Synthesis, structural insights and catalytic activity of a dioxidomolybdenum(VI) complex chelated with N ⁴ -(3-methoxyphenyl) thiosemicarbazone. Transition Metal Chemistry, 2020, 45, 467-476.	0.7	9
31	An insight into the potent antioxidant activity of a dithiocarbohydrazone appended cis-dioxidomolybdenum (VI) complexes. Applied Organometallic Chemistry, 2020, 34, e5762.	1.7	7
32	Formulation and evaluation of β -cyclodextrin-mediated inclusion complexes of isoniazid scaffolds: molecular docking and <i>in vitro</i> assessment of antitubercular properties. New Journal of Chemistry, 2020, 44, 4467-4477.	1.4	21
33	Supramolecular frameworks formed via hydrogen bonding and non-covalent interactions and interaction energy calculations of solvent coordinated cis-dioxomolybdenum(VI) complexes derived from ONO donor aroylhydrazone: Cytotoxicity studies. Inorganica Chimica Acta, 2020, 505, 119472.	1.2	4
34	A Schiff base colorimetric chemosensor for CN ⁻ ion and its dioxidomolybdenum (VI) complexes: Evaluation of structural aspects and optoelectronic properties. Applied Organometallic Chemistry, 2020, 34, e5520.	1.7	8
35	Synthesis, spectral and DNA/Protein binding evaluation of novel Cu(II) chelates of an NNO donor tridentate aroylhydrazone: Halogen bonding directed close packing. Journal of Molecular Structure, 2020, 1217, 128453.	1.8	9
36	Dioxidomolybdenum(VI) complexes chelated with N ⁴ -(3-methoxyphenyl)thiosemicarbazone as molybdenum(IV) precursors in oxygen atom transfer process and oxidation of styrene. Polyhedron, 2019, 171, 530-541.	1.0	11

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37	A modern approach for the sensing of aqueous Al(III) ion by Ni(II) Salen-type Schiff base complexes. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5064.	1.7	6
38	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. <i>Polyhedron</i> , 2019, 170, 749-761.	1.0	16
39	Investigation on catecholase activity of salen Co(III) octahedral complexes. <i>Polyhedron</i> , 2019, 173, 114129.	1.0	10
40	Structural aspects, spectroscopic and third order nonlinear optical properties of mixed ligand complexes from NNO tridentate Schiff base: Crystal structure of a rare proton bridged Ni(II) complex. <i>Inorganica Chimica Acta</i> , 2019, 495, 118968.	1.2	7
41	Synthesis, crystal structure and dielectric properties of a new acetate bridged coordination polymer: {[La(¹⁴ CH ₃ COO)(PDC)(H ₂ O) ₂].2H ₂ O} _n . <i>Journal of Molecular Structure</i> , 2019, 1195, 522-527.	1.8	6
42	DMSO coordinated dioxidomolybdenum(VI) complexes chelated with 3-methoxybenzhydrazone related ligands: Synthesis, structural studies and in vitro cytotoxicity. <i>Polyhedron</i> , 2019, 169, 151-161.	1.0	24
43	A study of structural effects on linear and nonlinear response of bicompartamental Ni (II) Schiff base complexes. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4900.	1.7	8
44	Synthesis, characterization, crystal structure and hirshfeld surface analysis of heteroatom substituted annulated dibenzobarrelenes. <i>Chemical Data Collections</i> , 2019, 20, 100212.	1.1	1
45	Structural investigation of discrete solvent protonated vanadium and other transition metal complexes of N'-[(E)-(3-ethoxy-2-hydroxyphenyl)methylidene]benzohydrazide, synthetic, spectroscopic and cytotoxicity studies. <i>Inorganica Chimica Acta</i> , 2019, 491, 93-104.	1.2	8
46	Cd(II) and Ni(II) complexes from a tridentate NNO Schiff base: Crystal structures, spectral aspects and Hirshfeld surface analysis. <i>Polyhedron</i> , 2019, 158, 386-397.	1.0	17
47	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
48	Synthesis and characterization of a new aroylhydrazone ligand and its cobalt(III) complexes: X-ray crystallography and in vitro evaluation of antibacterial and antifungal activities. <i>Journal of Molecular Structure</i> , 2019, 1178, 544-553.	1.8	25
49	Synthesis, Spectral Characterization and Crystal Structures of Dioxidomolybdenum(VI) Complexes Derived from Nicotinoylhydrazones. <i>Journal of Chemical Crystallography</i> , 2019, 49, 219-231.	0.5	19
50	A stimuli responsive multifunctional ZMOF based on an unorthodox polytopic ligand: reversible thermochromism and anion triggered metallogelation. <i>Dalton Transactions</i> , 2019, 48, 16604-16614.	1.6	7
51	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
52	Self-organized three dimensional architectures based on non-covalent interactions in square planar Cu(II) thiosemicarbazone: Solvent mediated crystallization and EPR based correlation study. <i>Inorganica Chimica Acta</i> , 2018, 473, 223-235.	1.2	19
53	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
54	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

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55	Experimental and theoretical analysis of a rare nitrate bridged 3d-4f complex containing LaZn 2 core synthesized from a Zn(II) metalloligand. <i>Journal of Molecular Structure</i> , 2018, 1153, 85-95.	1.8	8
56	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
57	Halogen/azide bridged box dimer copper(II) complexes of 2-benzoylpyridine-3-methoxybenzhydrazone: Structural and spectral studies. <i>Polyhedron</i> , 2018, 141, 60-68.	1.0	16
58	Structural, thermal decomposition and luminescent studies on gel grown crystals of poly[tetraaquadinicotinatostrontium(II)] containing β -sheet-shaped hydrophobic channels. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 1987-1999.	2.0	0
59	Structural Insights and Third Order NLO Studies of Pseudohalide-Based Polymeric and Monomeric Congeners of Halo-Substituted Parent Schiff Bases. <i>ChemistrySelect</i> , 2018, 3, 7031-7044.	0.7	5
60	Design, synthesis, characterization and photoluminescence studies of two new coordination polymers based on 4,4'-oxybis(benzoic acid) and N-donor ligand with transition metals. <i>Journal of Molecular Structure</i> , 2018, 1173, 196-204.	1.8	8
61	Dual responsive salen-type Schiff bases for the effective detection of L-arginine via a static quenching mechanism. <i>New Journal of Chemistry</i> , 2018, 42, 13114-13121.	1.4	35
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	Low temperature synthesis of NIR reflecting bismuth doped cerium oxide yellow nano-pigments. <i>Materials Letters</i> , 2018, 233, 82-85.	1.3	20
64	10-Methyl-9,11-annulated dibenzobarrelene. <i>IUCrData</i> , 2018, 3, .	0.1	0
65	Interplay of bifurcated hydrogen bonds in making of inclusion/pseudo-inclusion complexes of Ni(II), Cu(II) and Zn(II) of a salophen type ligand: Crystal structures and spectral aspects. <i>Journal of Molecular Structure</i> , 2017, 1134, 687-696.	1.8	9
66	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
67	Experimental and theoretical investigations on Pd(II) host-guest compound: Deciphering the structural and electronic features of a potential bioactive complex. <i>Journal of Molecular Structure</i> , 2017, 1145, 170-183.	1.8	18
68	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 β -sheet shaped channels. <i>Journal of Molecular Structure</i> , 2017, 1137, 396-402.	1.8	18
69	Facile synthesis and spectral characterization of 2, 5-bis (cyclohexylamino)-1, 4-benzoquinone polymorphs from methyl and ethyl protocatechuic aldehydes. <i>Journal of Molecular Structure</i> , 2017, 1141, 299-308.	1.8	4
70	Dioxidomolybdenum(VI) complexes of tridentate ONO donor aroylhydrazones: Syntheses, spectral and structural characterization. <i>Polyhedron</i> , 2017, 123, 206-216.	1.0	27
71	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
72	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. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 175, 178-191.	1.7	56

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73	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. <i>Polyhedron</i> , 2017, 135, 278-295.	1.0	19
74	Water-Encapsulated Ni(II) Salphen-Type Host Complexes: Experimental and Theoretical Analysis of Potentially Bioactive Quasi-Isomorphous Polymorphs. <i>ChemistrySelect</i> , 2017, 2, 6493-6502.	0.7	7
75	Synthesis, characterization and biological studies of Schiff bases derived from heterocyclic moiety. <i>Bioorganic Chemistry</i> , 2017, 70, 67-73.	2.0	66
76	Synthesis, structural, spectral and photoluminescent studies of new polymorphs of Ca(II) and Ba(II) complexes of diglycolic acid. <i>Main Group Chemistry</i> , 2017, 16, 291-305.	0.4	2
77	Unprecedented Pentacoordination of Di-2-pyridyl ketone N(4)-ethyl thiosemicarbazone Ligand with Formation of Trinuclear Cu(II) Complex. <i>Asian Journal of Chemistry</i> , 2016, 28, 864-870.	0.1	1
78	Growth and characterization studies of a novel luminescent acetate-bridged barium(II) complex: poly[(1/4-diacetato)(tetraphthalato)pentabarium(II)]. <i>Main Group Metal Chemistry</i> , 2016, 39, .	0.6	2
79	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
80	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
81	Poly[tetraaquatriglutaratodicerium(III) decahydrate], a novel luminescent metal-organic framework possessing hydrophilic hexagonal channels. <i>Journal of Chemical Sciences</i> , 2016, 128, 1385-1393.	0.7	3
82	Crystal structure and characterization of a novel luminescent 1D coordination polymer: [Ca ₉ (H ₂ O) ₁₈ ETQq ₀ ·0.0 rgBT ₄ Overlock 1	1.8	4
83	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
84	Crystal structure and characterization of a novel luminescent 2D metal-organic framework, poly[aquaitaconatocalcium(II)] possessing an open framework structure with hydrophobic channels. <i>Journal of Molecular Structure</i> , 2016, 1105, 316-321.	1.8	15
85	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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 199-202.	0.2	0
86	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
87	Crystal growth, characterization and dielectric studies of silica gel-grown polydistrontiumdimalate pentahydrate: a 2D porous metal-organic framework. <i>Main Group Metal Chemistry</i> , 2015, 38, .	0.6	1
88	Crystal structure of (E)-N-(5-bromo-2-hydroxybenzylidene)nicotinohydrazide monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 734-736.	0.2	3
89	Crystal structure of 8-[7,8-bis(4-chlorobenzoyl)-7H-cyclopenta[a]acenaphthylen-9-yl]naphthalene-1-carboxylic acid. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 38-41.	0.2	1
90	Crystal structure of 4-[(E)-[2-(pyridin-4-ylcarbonyl)hydrazin-1-ylidene]methyl]phenyl acetate monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o79-o80.	0.2	1

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91	Crystal structure of (E)-2-[(2-hydroxy-4-methoxyphenyl)(phenyl)methylidene]-N-phenylhydrazine-1-carboxamide. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 427-430.	0.2	1
92	Crystal structure of aqua[(E)-Nâ€²-(5-bromo-2-oxidobenzylidene-î¸¸O)benzohydrazidato-î¸¸2O,Nâ€²]dioxidomolybdenum(VI) dimethylformamide monosolvate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 702-705.	0.2	3
93	Crystal structure of Nâ€²-[(E)-3,5-dichloro-2-hydroxybenzylidene]-4-nitrobenzohydrazide dimethylformamide monosolvate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o826-o827.	0.2	1
94	Bis{1/4-N-[(E)-4-benzyloxy-2-oxidobenzylidene]-4-nitrobenzenecarbohydrazidato}bis[diacuanickel(II)] dimethylformamide tetrasolvate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, m211-m212.	0.2	2
95	(E)-2-(4-Benzyloxy-2-hydroxybenzylidene)-N-methylhydrazinecarbothioamide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o112-o113.	0.2	0
96	Nâ€²-[(1E)-1-(2-Fluorophenyl)ethylidene]pyridine-3-carbohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o115-o115.	0.2	3
97	16-Oxapentacyclo[6.6.5.01,18.02,7.09,14]nonadeca-2,4,6,9,11,13,18-heptaen-15-one. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o114-o114.	0.2	2
98	(Â±)-trans-6,6â€²-Diethoxy-2,2â€²-[cyclohexane-1,2-diylbis(nitrilomethanylylidene)]diphenol monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o182-o183.	0.2	3
99	Nâ€²-[(E)-Furan-2-ylmethylidene]-4-hydroxybenzohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o242-o242.	0.2	1
100	[2-Benzyl-3-(naphthalen-1-yl)-2,3-dihydro-1,2-oxazole-4,5-diyl]bis(phenylmethanone). Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o354-o355.	0.2	1
101	Nâ€²-[(E)-(3-Fluoropyridin-2-yl)methylidene]pyridine-3-carbohydrazide dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o483-o484.	0.2	0
102	Nâ€²-[(E)-1-(2-Fluorophenyl)ethylidene]pyridine-4-carbohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o532-o533.	0.2	2
103	(2E,7E)-2,7-Bis[(thiophen-2-yl)methylidene]cycloheptanone. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o722-o722.	0.2	1
104	Crystal structure of 2-[(<i>i</i> -4-benzyloxy-2-hydroxybenzylidene)- <i>i</i> -cyclohexylhydrazinecarbothioamide acetonitrile hemisolvate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o987-o988.	0.2	4
105	Spectral, thermal and structural studies of an acetate bridged polymeric cadmium(II) complex: Poly[aqua(1/4-acetato)(4-aminobenzoato)cadmium(II) monohydrate]. Inorganic Chemistry Communication, 2014, 40, 200-204.	1.8	3
106	Spectral, thermal, structural and microhardness studies of tetraaquabis(malonato)cadmium(II)copper(II): A new three-dimensional heterobimetallic framework system. Inorganica Chimica Acta, 2014, 409, 367-371.	1.2	9
107	Dichlorido{(2E)-2-[phenyl(pyridin-2-yl)methylidene]hydrazinecarbothioamide}cadmium(II) methanol monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, m301-m302.	0.2	0
108	The molecular response of vanadium complexes of nicotinoyl hydrazone in cervical cancersâ€™A possible interference with HPV oncogenic markers. Life Sciences, 2014, 116, 90-97.	2.0	37

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109	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
110	Crystal Growth, Spectral, Magnetic, Antibacterial and Antifungal Studies of Co(II) and Ni(II) Complexes of 4-Nitrobenzoic Acid. <i>Journal of the Korean Chemical Society</i> , 2014, 58, 258-266.	0.2	12
111	Crystal structure of (4-chlorophenyl)[2-(10-hydroxyphenanthren-9-yl)phenanthro[9,10-b]furan-3-yl]methanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, 355-358.	0.2	0
112	Spectral, Thermal and Structural Studies of Poly[1/4-acetato(4-aminobenzoato)lead(II) monohydrate]: A Polymeric Hydrated Lead(II) Complex with Acetate Bridges. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 608-615.	1.9	4
113	5,5'-Bis(benzyloxy)-2,2'-[hydrazinediylidenebis(methanylylidene)]diphenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1755-o1755.	0.2	4
114	Nâ€²-[(E)-2-Hydroxy-5-methoxybenzylidene]pyridine-4-carbohydrazide monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o881-o881.	0.2	3
115	2-[(E)-[(2Z)-2-(1,2-Dihydrophthalazin-1-ylidene)hydrazinylidene]methyl]phenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1522-o1523.	0.2	0
116	(2E)-2-(3-Ethoxy-2-hydroxybenzylidene)hydrazinocarboxamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o586-o587.	0.2	2
117	Nâ€²-[(E)-4-Benzyloxy-2-hydroxybenzylidene]-4-nitrobenzohydrazide dimethylformamide monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1160-o1161.	0.2	2
118	8-Phenyl-16-thiapentacyclo[6.6.5.01,18.02,7.09,14]nonadeca-2,4,6,9,11,13,18-heptaene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1165-o1165.	0.2	4
119	(2-tert-Butyl-3-phenyl-2,3-dihydroisoxazole-4,5-diyl)bis(phenylmethanone). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1284-o1285.	0.2	2
120	4-[(E)-[2-(Pyridin-3-ylcarbonyl)hydrazinylidene]methyl]phenyl acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1549-o1549.	0.2	2
121	Dichlorido{2-[(E)-phenyl(pyridin-2-yl-Î²N)methylidene]-N-phenylhydrazinocarboxamide-Î²2N2,O}copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m588-m589.	0.2	5
122	(E)-[2-(2-Fluorobenzylidene)benzohydrazide]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1828-o1828.	0.2	5
123	Nâ€²-[(E)-[5-(Hydroxymethyl)furan-2-yl]methylidene]pyridine-4-carbohydrazide dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1342-o1343.	0.2	0
124	Nâ€²-[(E)-5-Bromo-2-hydroxy-3-methoxybenzylidene]benzohydrazide monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1775-o1776.	0.2	0
125	Bis[1/4-2-[bis(pyridin-2-yl)methylidene]hydrazinocarbothioamidato]bis[bromidocopper(II)] methanol disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m346-m347.	0.2	1
126	(Anilino{(Z)-2-[(E)-5-bromo-3-methoxy-2-oxidobenzylidene]hydrazin-1-ylidene-Î²2O2,N2}methanethiolato-Î²S)(4,4'-dimethyl-2,2'-bi-2-pyridyl)monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1089-m1089.	0.2	1

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127	{2-[(2-Carbamoylhydrazin-1-ylidene)methyl- $\hat{\rho}$ 2N1,O]-5-methoxyphenolato- $\hat{\rho}$ O1}chloridocopper(II). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1194-m1194.	0.2	0
128	Nâ€²-[(E)-4-Benzyloxy-2-hydroxybenzylidene]benzohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2785-o2785.	0.2	1
129	(1-[(E)-[Phenyl(pyridin-2-yl- $\hat{\rho}$ N)methylidene]amino- $\hat{\rho}$ N]pyrrolidin-2-one- $\hat{\rho}$ O)bis(thiocyanato- $\hat{\rho}$ N)copper(II). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1302-m1302.	0.2	0
130	(2E)-2-(5-Bromo-2-hydroxy-3-methoxybenzylidene)-N-cyclohexylhydrazinecarbothioamide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o836-o837.	0.2	9
131	Nâ€²-[(E)-4-Benzyloxy-2-hydroxybenzylidene]-4-nitrobenzohydrazide monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1421-o1422.	0.2	2
132	(2E)-2-[(2-Hydroxy-4-methoxyphenyl)(phenyl)methylidene]-N-phenylhydrazinecarboxamide dimethylformamide monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1519-o1520.	0.2	1
133	(2E)-2-(5-Bromo-2-hydroxy-3-methoxybenzylidene)-N-phenylhydrazinecarbothioamide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1871-o1872.	0.2	5
134	Bis(1-phenyl-3-[(Z)-[phenyl(pyridin-2-yl)methylidene]amino- $\hat{\rho}$ 2N,Nâ€²}urea- $\hat{\rho}$ O)nickel(II) dinitrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m918-m918.	0.2	0
135	Di- $\hat{\rho}$ 4-acetato- $\hat{\rho}$ O-bis({Nâ€²-[(E)-phenyl(pyridin-2-yl- $\hat{\rho}$ N)methylidene]benzohydrazidato- $\hat{\rho}$ 2Nâ€²,O}copper(II)). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1086-m1087.	0.2	2
136	2-Ethoxy-6-[(2-[(3-ethoxy-2-hydroxybenzylidene)amino]benzyl]iminomethyl)phenol. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2482-o2482.	0.2	3
137	Nâ€²-[(E)-5-Bromo-2-hydroxy-3-methoxybenzylidene]-4-methoxybenzohydrazide monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2821-o2822.	0.2	2
138	<i>N</i>-â€²-[(<i>E</i>)-(3-Fluoropyridin-2-yl)methylidene]benzohydrazide monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2709-o2709.	0.2	15
139	catena-Poly[[[1-[(E)-phenyl(pyridin-2-yl- $\hat{\rho}$ N)methylidene]semicarbazidato- $\hat{\rho}$ 2N1,O}copper(II)]- $\hat{\rho}$ 1/4-dicyanamido- $\hat{\rho}$ 2N1;N5] monohydrate]. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1176-m1176.	0.2	1
140	(Cyanato- $\hat{\rho}$ <i>N</i>){1-[(<i>E</i>)-phenyl(pyridin-2-yl- $\hat{\rho}$ <i>N</i>)methylidene]semicarbazidato- $\hat{\rho}$ 2</sup><i>N</i></sup>1</sup>}<i>N</i></sup>1</sup>. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1180-m1180.	0.2	0
141	Dichlorido(1-[(E)-[phenyl(pyridin-2-yl- $\hat{\rho}$ N)methylidene]amino- $\hat{\rho}$ N]pyrrolidin-2-one- $\hat{\rho}$ O)copper(II) monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1181-m1181.	0.2	3
142	Di- $\hat{\rho}$ 4-azido- $\hat{\rho}$ 4</sup><i>N</i></sup>1</sup>}<i>N</i></sup>1</sup>}<i>N</i></sup>1</sup>-bis({1-[(<i>E</i>)-phenyl(pyridin-2-yl- $\hat{\rho}$ <i>N</i>)methylidene]semicarbazidato- $\hat{\rho}$ 2</sup><i>N</i></sup>1</sup>}<i>N</i></sup>1</sup>}. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1195-m1195.	0.2	2
143	(2<i>E</i>)-2-[1-(2-Hydroxy-4-methoxyphenyl)ethylidene]-<i>N</i>-phenylhydrazinecarboxamide monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2985-o2986.	0.2	2
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146	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
147	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
148	Synthesis, spectral characterization and crystal structure of copper(II) complexes of 2-benzoylpyridine-N(4)-phenylsemicarbazone. <i>Polyhedron</i> , 2011, 30, 70-78.	1.0	49
149	2-(3-Ethoxy-2-hydroxybenzylidene)-N-phenylhydrazinecarboxamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2972-o2972.	0.2	5
150	<i>N</i>-[(<i>E</i>)-Furan-2-ylmethylidene]pyridine-3-carbohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i>, 2011, 67, o3267-o3267.</i>	0.2	8
151	(<i>E</i>)-2-(4-Benzyloxy-2-hydroxybenzylidene)-N-phenylhydrazinecarbothioamide. <i>Acta Crystallographica Section E: Structure Reports Online</i>, 2011, 67, o3420-o3420.</i>	0.2	3
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153	Synthesis, Spectral and Structural Studies of a Novel Semicarbazone Synthesized from Quinoline-2-Carboxaldehyde and N4-Phenyl-3-Semicarbazide. <i>Journal of Chemical Crystallography</i> , 2010, 40, 927-932.	0.5	5
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158	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
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164	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
165	Preparation, magnetic and EPR spectral studies of copper(II) complexes of an anticancer drug analogue. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 474-483.	2.0	49
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168	Crystal Study of Salicylaldehyde N(4)-Phenylthiosemicarbazone. <i>Journal of Chemical Crystallography</i> , 2008, 38, 93-96.	0.5	47
169	Spectral and structural studies of nickel(II) complexes of salicylaldehyde 3-azacyclothiosemicarbazones. <i>Polyhedron</i> , 2008, 27, 35-43.	1.0	36
170	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
171	Synthesis, spectral and EPR studies of oxovanadium(IV) complexes incorporating tridentate ONO donor hydrazone ligands: Structural study of one oxovanadium(V) complex. <i>Polyhedron</i> , 2008, 27, 1455-1462.	1.0	56
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174	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
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177	Synthesis, spectral characterization and crystal structure of N-2-hydroxy-4-methoxybenzaldehyde-N ⁴ -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
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