

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Coordination Modes of a Schiff Base Pentadentate Derivative of 4-Aminoantipyrine with Cobalt(II), Nickel(II) and Copper(II) Metal Ions: Synthesis, Spectroscopic and Antimicrobial Studies. <i>Molecules</i> , 2009, 14, 174-190.	3.8	157
2	EPR, magnetic and spectral studies of copper(II) and nickel(II) complexes of schiff base macrocyclic ligand derived from thiosemicarbazide and glyoxal. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 147-153.	3.9	112
3	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 196-199.	1.4	105
4	Spectral and magnetic studies on manganese(II), cobalt(II) and nickel(II) complexes with Schiff bases. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 219-224.	3.9	105
5	Synthesis and spectral studies on mononuclear complexes of chromium(III) and manganese(II) with 12-membered tetradentate N2O2, N2S2 and N4 donor macrocyclic ligands. <i>Transition Metal Chemistry</i> , 2004, 29, 269-275.	1.4	104
6	Synthesis, characterization of 1,2,4-triazole Schiff base derived 3d- metal complexes: Induces cytotoxicity in HepG2, MCF-7 cell line, BSA binding fluorescence and DFT study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 171, 246-257.	3.9	98
7	EPR and electronic spectral studies on Co(II), Ni(II) and Cu(II) complexes with a new tetradentate [N4] macrocyclic ligand and their biological activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 1563-1571.	3.9	96
8	Synthesis and characterization of copper nanoparticles by reducing agent. <i>Journal of Saudi Chemical Society</i> , 2014, 18, 149-153.	5.2	96
9	EPR, mass, IR, electronic, and magnetic studies on copper(II) complexes of semicarbazones and thiosemicarbazones. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 269-275.	3.9	92
10	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 732-735.	1.4	82
11	Design, spectral characterization, thermal, DFT studies and anticancer cell line activities of Co(II), Ni(II) and Cu(II) complexes of Schiff bases derived from 4-amino-5-(pyridin-4-yl)-4H-1,2,4-triazole-3-thiol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 145, 155-164.	3.9	82
12	Nickel(II) and copper(II) complexes with Schiff base ligand 2,6-diacetylpyridine bis(carbohydrazone): Synthesis and IR, mass, ¹ H NMR, electronic and EPR spectral studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 851-857.	3.9	80
13	Spectroscopic studies on Mn(II), Co(II), Ni(II), and Cu(II) complexes with N-donor tetradentate (N4) macrocyclic ligand derived from ethylcinnamate moiety. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 2411-2417.	3.9	73
14	Synthesis of Ni nanoparticles and their characterizations. <i>Journal of Saudi Chemical Society</i> , 2014, 18, 437-442.	5.2	68
15	Mass, IR, electronic and EPR spectral studies on transition metal complexes with a new tetradentate 12-membered new macrocyclic ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 3079-3085.	3.9	64
16	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 329-332.	1.4	63
17	Spectroscopic characterization of tetradentate macrocyclic ligand: it's transition metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 2767-2774.	3.9	62
18	Complexation of nitrogen and sulphur donor Schiff's base ligand to Cr(III) and Ni(II) metal ions: Synthesis, spectroscopic and antipathogenic studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 337-342.	3.9	62

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19	EPR, IR and electronic spectral studies on Mn(II), Co(II), Ni(II) and Cu(II) complexes with a new 22-membered azamacrocyclic [N4] ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 1751-1761.	3.9	57
20	Electronic, EPR, magnetic and mass spectral studies of mono and homo-binuclear Co(II) and Cu(II) complexes with a novel macrocyclic ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 1102-1106.	3.9	56
21	Ni(II) and Zn(II) complexes of 2-((thiophen-2-ylmethylene)amino)benzamide: Synthesis, spectroscopic characterization, thermal, DFT and anticancer activities. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 134, 200-209.	3.9	56
22	Mn(II) and Cu(II) complexes of a bidentate Schiff base ligand: Spectral, thermal, molecular modelling and mycological studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 117, 1-8.	3.9	54
23	Spectroscopic characterization of chromium(III), manganese(II) and nickel(II) complexes with a nitrogen donor tetradentate, 12-membered azamacrocyclic ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 1-7.	3.9	49
24	Spectroscopic and biological approach of Ni(II) and Cu(II) complexes of 2-pyridinecarboxaldehyde thiosemicarbazone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 816-821.	3.9	48
25	EPR, mass, electronic, IR spectroscopic and thermal studies of bimetallic copper(II) complexes with tetradentate ligand, 1,4-diformyl piperazine bis(carbohydrazone). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 71, 1712-1719.	3.9	48
26	Physicochemical and Biological Characterization of Transition Metal Complexes with a Nitrogen Donor Tetra-dentate Novel Macrocyclic Ligand. <i>Transition Metal Chemistry</i> , 2006, 31, 368-373.	1.4	46
27	Spectroscopic, redox and biological activities of transition metal complexes with ons donor macrocyclic ligand derived from semicarbazide and thiodiglycolic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 2153-2162.	3.9	44
28	Biologically Relevant Macrocyclic Complexes of Copper Spectral, Magnetic, Thermal and Antibacterial Approach. <i>Transition Metal Chemistry</i> , 2006, 31, 147-151.	1.4	44
29	Synthesis, Spectroscopic, and Antimicrobial Studies on Bivalent Nickel and Copper Complexes of Bis(thiosemicrbazone). <i>Bioinorganic Chemistry and Applications</i> , 2007, 2007, 1-7.	4.1	44
30	Spectroscopic and biological studies on newly synthesized nickel(II) complexes of semicarbazones and thiosemicarbazones. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 1089-1094.	3.9	43
31	Spectroscopic, cyclic voltammetric and biological studies of transition metal complexes with mixed nitrogen& sulphur (NS) donor macrocyclic ligand derived from thiosemicarbazide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 453-460.	3.9	42
32	Modern spectroscopic and biological approach in the characterization of a novel 14-membered [N4] macrocyclic ligand and its transition metal complexes. <i>Transition Metal Chemistry</i> , 2007, 32, 240-245.	1.4	42
33	Synthesis and spectroscopic characterization of transition metal complexes of a 12-membered tetraaza [N4] macrocyclic ligand and their biological activity. <i>Transition Metal Chemistry</i> , 2007, 32, 1079-1084.	1.4	42
34	Synthesis, spectral characterization, and DNA binding studies of Co(II), Ni(II), Cu(II) and Zn(II) complexes of Schiff base 2-((1H-1,2,4-triazol-3-ylimino)methyl)-5-methoxyphenol. <i>Journal of Molecular Structure</i> , 2019, 1179, 431-442.	3.6	42
35	Design, spectral characterization, DFT and biological studies of transition metal complexes of Schiff base derived from 2-aminobenzamide, pyrrole and furan aldehyde. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 143, 1-11.	3.9	41
36	Modern spectroscopic techniques in the characterization of Schiff base macrocyclic ligand and its complexes with transition metals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 307-312.	3.9	39

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37	Spectroscopic and physicochemical studies on nickel(II) complexes of isatin-3,2-quinolyl-hydrazone and their adducts. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 972-975.	3.9	39
38	Synthesis, spectroscopic, anticancer and antibacterial studies of Ni(II) and Cu(II) complexes with 2-carboxybenzaldehyde thiosemicarbazone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 129, 333-338.	3.9	39
39	Syntheses, spectroscopic characterization, thermal study, molecular modeling, and biological evaluation of novel Schiff's base benzil bis(5-amino-1,3,4-thiadiazole-2-thiol) with Ni(II), and Cu(II) metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 749-760.	3.9	39
40	Synthesis, spectral characterization and biological evaluation of copper(II) and nickel(II) complexes with thiosemicarbazones derived from a bidentate Schiff base. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 106, 91-98.	3.9	38
41	SYNTHESIS AND SPECTRAL STUDIES OF TRANSITION METAL COMPLEXES WITH 5,7,12,14-TETRAMETHYL-1,4,8,11-TETRAAZACYCLOTETRADECA-4,7,11,14-TETRAENE, A FOURTEEN-MEMBERED TETRADENTATE MACROCYCLIC LIGAND. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> . 2001. 31. 1205-1215.	1.8	37
42	Spectroscopic studies on Co(II), Ni(II) and Cu(II) complexes with a new macrocyclic ligand: 2,9-dipropyl-3,10-dimethyl-1,4,8,11-tetraaza-5,7:12,14-dibenzocyclotetradeca-1,3,8,10-tetraene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 1181-1188.	3.9	35
43	Synthesis spectroscopic and biological approach in the characterization of novel [N4] macrocyclic ligand and its transition metal complexes. <i>Transition Metal Chemistry</i> , 2007, 32, 558-563.	1.4	35
44	Spectroscopic studies on chromium(III), manganese(II), cobalt(II), nickel(II) and copper(II) complexes with hexadentate nitrogen-sulfur donor [N2S4] macrocyclic ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 746-750.	3.9	32
45	Synthesis, spectroscopic characterization, molecular modeling and antimicrobial activities of Mn(II), Co(II), Ni(II), Cu(II) complexes containing the tetradentate aza Schiff base ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 103, 338-348.	3.9	32
46	Synthesis, spectroscopic, anticancer, antibacterial and antifungal studies of Ni(II) and Cu(II) complexes with hydrazine carboxamide, 2-[3-methyl-2-thienyl methylene]. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 356-363.	3.9	32
47	Spectroscopic approach in characterization of chromium(III), manganese(II), iron(III) and copper(II) complexes with a nitrogen donor tetradentate, 14-membered azamacrocyclic ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 2139-2144.	3.9	29
48	Synthesis, Spectroscopic, and Antimicrobial Studies on Bivalent Zinc and Mercury Complexes of 2-Formylpyridine Thiosemicarbazone. <i>Bioinorganic Chemistry and Applications</i> , 2009, 2009, 1-6.	4.1	29
49	Modern spectroscopic technique in the characterization of biosensitive macrocyclic Schiff base ligand and its complexes: Inhibitory activity against plantpathogenic fungi. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 118, 1056-1061.	3.9	29
50	Electronic, cyclic voltammetry, IR and EPR spectral studies of copper(II) complexes with 12-membered N4, N2O2 and N2S2 donor macrocyclic ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 437-446.	3.9	28
51	Polymeric membrane neodymium(III)-selective electrode based on 11,13-diaza-4,7,12-trioxo-2(3),8(9)-dibenzoyl- cyclotetradecane-1,11-diene. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009, 502, 107-110.	5.6	28
52	Synthesis, characterization and biocidal properties of platinum metal complexes derived from 2,6-diacetylpyridine (bis thiosemicarbazone). <i>Open Journal of Inorganic Chemistry</i> , 2012, 02, 41-48.	0.7	27
53	Electronic, e.p.r., cyclic voltammetric and biological activities of copper(II) complexes with macrocyclic ligands. <i>Transition Metal Chemistry</i> , 2004, 29, 925-935.	1.4	26
54	Synthesis and EPR Spectral Studies of Mono- and Binuclear Cobalt(II) and Nickel(II) Complexes with New 20-Membered Dithiatetraazamacrocyclic [N4S2] Ligand. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2004, 34, 919-927.	1.8	26

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55	Synthesis and spectral studies of transition metal complexes with 1,5:11,15-dimetheno-2,4,10,12-tetramethyl-[1,5,9,13]-tetraazahexadeca-1,3,5,6,10,11,13,15,16,20-decene a sixteen-membered tetradentate macrocyclic ligand. <i>Transition Metal Chemistry</i> , 2007, 32, 150-154.	1.4	25
56	Ni(II), Pd(II) and Pt(II) complexes with ligand containing thiosemicarbazone and semicarbazone moiety: Synthesis, characterization and biological investigation. <i>Journal of the Serbian Chemical Society</i> , 2008, 73, 727-734.	0.8	25
57	Synthesis, Physicochemical and Electrochemical Studies on Mn(II), Co(II), Ni(II), and Cu(II) Complexes with an Nâ€Donor Tetradentate (N4) Macrocyclic Ligand Derived from Ethyl Cinnamate. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2004, 34, 1591-1604.	1.8	24
58	Spectroscopic evaluation of manganese(II) complexes derived from semicarbazones and thiosemicarbazones. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 2549-2554.	3.9	24
59	Spectral studies on Co(II), Ni(II) and Cu(II) complexes with thiosemicarbazone (L1) and semicarbazone (L2) derived from 2-acetyl furan. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 1347-1351.	3.9	24
60	Biological and spectral studies of transition metal complexes with a quinquedentate Schiff base, 2,6-diacetylpyridine bis(thiocarbohydrazone). <i>Journal of Coordination Chemistry</i> , 2009, 62, 3688-3700.	2.2	24
61	Spectroscopic characterization of copper(II) complexes of indoxyl N(4)-methyl thiosemicarbazone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 2825-2829.	3.9	23
62	Mass, EPR, IR and electronic spectroscopic studies on newly synthesized macrocyclic ligand and its transition metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 1125-1130.	3.9	23
63	Spectral and antimicrobial studies on tetraaza macrocyclic complexes of PdII, PtII, RhIII and IrIII metal ions. <i>Journal of Saudi Chemical Society</i> , 2011, 15, 49-54.	5.2	22
64	Spectroscopic and biological approach in the characterization of a novel 14-membered [N4] macrocyclic ligand and its Palladium(II), Platinum(II), Ruthenium(III) and Iridium(III) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 118, 244-250.	3.9	22
65	Spectroscopic evaluation of Co(II), Ni(II) and Cu(II) complexes derived from thiosemicarbazone and semicarbazone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 1410-1415.	3.9	21
66	Structural designing, spectral and computational studies of bioactive Schiff's base ligand and its transition metal complexes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3915.	3.5	21
67	Synthesis, spectral characterization, molecular modeling, thermal study and biological evaluation of transition metal complexes of a bidentate Schiff base ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 113, 164-170.	3.9	20
68	Spectroscopic characterization and EPR spectral studies on transition metal complexes with a novel tetradentate, 12-membered macrocyclic ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 65, 792-796.	3.9	19
69	Electronic, epr and magnetic studies of Co(II), Ni(II) and Cu(II) complexes with thiosemicarbazone (L1) and semicarbazone (L2) derived from pyrrole-2-carboxyaldehyde. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 697-701.	3.9	19
70	Structural and spectral studies of palladium(II) and platinum(II) complexes derived from N,N,N-tetradentate macrocyclic ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 720-724.	3.9	19
71	Synthesis, spectral and biological studies of nitrogenâ€“sulphur donor macrocyclic ligands and their transition metals complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 370-374.	3.9	19
72	SYNTHESIS, ESR, MAGNETIC, AND ELECTRONIC SPECTRAL STUDIES ON MANGANESE(II) COMPLEXES OF SEMICARBAZONE AND THIOSEMICARBAZONE. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2001, 31, 1759-1769.	1.8	18

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73	Spectroscopic and mycological studies of Co(II), Ni(II) and Cu(II) complexes with 4-aminoantipyrine derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 81, 424-430.	3.9	18
74	Microwave assisted synthesis, characterization and biocidal activities of some new chelates of carbazole derived Schiff bases of cadmium and tin metals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 132, 733-742.	3.9	18
75	Experimental and theoretical studies of Mn(II) and Co(II) metal complexes of a tridentate Schiff's base ligand and their biological activities. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5371.	3.5	18
76	Synthesis, spectral and antifungal studies of some coordination compounds of cobalt(II) and copper(II) of a novel 18-membered octaaza [N8] tetradentate macrocyclic ligand. <i>Journal of Saudi Chemical Society</i> , 2011, 15, 187-193.	5.2	17
77	New hexadentate macrocyclic ligand and their copper(II) and nickel(II) complexes: Spectral, magnetic, electrochemical, thermal, molecular modeling and antimicrobial studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 94, 312-317.	3.9	17
78	Spectral, physicochemical and biological characterization of 2,5,11,14,19,20-hexaaza-3,12-dimethyl-4,13-dipropyl-tricyclo [13.3.1.1(6-10)]cosane-1(19),2,4,6(20),7,9,11,13,15,17-decaene and its transition metal complexes. <i>Transition Metal Chemistry</i> , 2005, 30, 630-635.	1.4	16
79	Synthesis, Electrochemistry and Spectral Studies on Cobalt(II) and Manganese (II) Complexes with 12-,14-,15-, and 18-membered N4, N2O2, N2O2S, N6 Donor Macrocyclic Ligands. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2005, 35, 161-170.	0.6	16
80	Synthesis, molecular modeling and spectroscopic characterization of nickel(II), copper(II), complexes of new 16-membered mixed-donor macrocyclic schiff base ligand incorporating a pendant alcohol function. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1326-1330.	3.9	16
81	Nickel analysis in real samples by Ni ²⁺ selective PVC membrane electrode based on a new Schiff base. <i>Materials Science and Engineering C</i> , 2013, 33, 4978-4984.	7.3	16
82	Coordination mode of pentadentate ligand derivative of 5-amino-1,3,4-thiadiazole-2-thiol with nickel(II) and copper(II) metal ions: Synthesis, spectroscopic characterization, molecular modeling and fungicidal study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 672-681.	3.9	16
83	Synthesis, characterization and anti-fungal evaluation of Ni(II) and Cu(II) complexes with a derivative of 4-aminoantipyrine. <i>Journal of Taibah University for Science</i> , 2017, 11, 110-120.	2.5	16
84	Applications of several spectral techniques to characterize coordination compounds derived from 2,6-diacetylpyridine derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 271-276.	3.9	15
85	Spectroscopic, thermal and biocidal studies on Mn(II), Co(II), Ni(II) and Cu(II) complexes of tridentate ligand having semicarbazone moieties. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 100, 261-267.	3.6	15
86	Spectroscopic characterization of Lanthanoid derived from a hexadentate macrocyclic ligand: Study on antifungal capacity of complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 124, 564-570.	3.9	15
87	Synthesis and Characterization of Rhodium (III), Iridium(III), Palladium(II) and Platinum(II) Complexes of Cyclohexanone Thiosemicarbazone. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1983, 13, 89-100.	1.8	14
88	Spectroscopic approach in the characterization of the copper(II) complexes of isatin-3,2-quinolyl-hydrazone and their adducts. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 65, 463-466.	3.9	14
89	Spectroscopic techniques and cyclic voltammetry with synthesis: Manganese(II) coordination stability and its ligand field parameters effect on macrocyclic ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 188-195.	3.9	14
90	Zinc(II) selective poly(vinyl chloride) membrane ISE using a macrocyclic compound 1,12,14-triaza-5,8-dioxo-3(4),9(10)-dibenzoylcyclopentadeca-1,12,14-triene as neutral carrier. <i>Journal of Saudi Chemical Society</i> , 2010, 14, 55-60.	5.2	14

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91	Synthesis, Epr, Electronic and Magnetic Studies on Cobalt(II) Complexes of a Semicarbazone and Thiosemicarbazone. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2003, 33, 147-164.	1.8	13
92	Spectral studies of cobalt(II) complexes of 12-membered macrocyclic ligands having thiosemicarbazone moieties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 883-890.	3.9	13
93	Synthesis and spectroscopic studies of biologically active tetraazamacrocyclic complexes of Mn(II), Co(II), Ni(II), Pd(II) and Pt(II). <i>Journal of Saudi Chemical Society</i> , 2014, 18, 53-58.	5.2	13
94	Bis(thiosemicarbazonato) chelates of Co(II), Ni(II), Cu(II), Pd(II) and Pt(II). <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1985, 41, 1109-1112.	0.1	12
95	Mössbauer and electronic spectral studies of iron(III) complexes of oximes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 755-760.	3.9	12
96	Spectroscopy: The study of DNA cleavage by newly synthesized polydentate macrocyclic ligand and its copper(II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 496-501.	3.9	12
97	Synthesis, structural, spectral, thermal and antimicrobial studies of palladium(II), platinum(II), ruthenium(III) and iridium(III) complexes derived from N,N,N-tetradentate macrocyclic ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 1507-1514.	3.9	12
98	Biological Applications of Co(II) and Ni(II) Complexes of Semicarbazones and Thiosemicarbazones. <i>Asian Journal of Chemistry</i> , 2019, 31, 1-8.	0.3	12
99	Spectral studies of coordination compounds of cobalt(II) with thiosemicarbazone of heterocyclic ketone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 940-944.	3.9	11
100	Tetraaza macrocyclic complexes: synthesis, spectral and antimicrobial studies. <i>Journal of Coordination Chemistry</i> , 2009, 62, 1327-1335.	2.2	11
101	Spectroscopic and biological approach in the characterization of Cr(III), Mn(II) and Co(II) complexes with a novel hexaazamacrocyclic ligand derived from semicarbazide. <i>Journal of the Serbian Chemical Society</i> , 2009, 74, 1413-1422.	0.8	11
102	Spectral, thermal and morphological studies of chromium nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 102, 250-255.	3.9	11
103	PVC Membrane Selective Electrode for Determination of Cadmium(II) Ion in Chocolate Samples. <i>Chinese Journal of Chemical Engineering</i> , 2014, 22, 480-488.	3.5	11
104	Synthesis and characterization of a tetraaza macrocyclic ligand and its Cobalt(II), Nickel(II) and Copper(II) complexes. <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 935-941.	0.8	11
105	Spectral studies, cyclic voltammetry and synthesis of cobalt(II) and ruthenium(III) complexes with symmetric and asymmetric ring containing membered N2S2, N4, and N5 donor macrocyclic ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 1050-1057.	3.9	10
106	A Copper(II)-selective PVC Membrane Electrode Based on a Macrocyclic Ligand, 1,2,5,6,8,11-Hexaazacyclododeca-7,12-dione-2,4,8,10-tetraene. <i>Analytical Sciences</i> , 2007, 23, 683-687.	1.6	10
107	Spectral, IR and magnetic studies of Mn(II), Co(II), Ni(II) and Cu(II) complexes with pyrrole-2-carboxyaldehyde thiosemicarbazone (L). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 469-473.	3.9	10
108	Synthesis, structural and fungicidal studies of hydrazone based coordination compounds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 103, 96-100.	3.9	10

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109	Prospects of Biologically Active Schiff's Base Ligand and Metal Complexes in Drug Discovery. <i>Advanced Science, Engineering and Medicine</i> , 2019, 11, 144-154.	0.3	10
110	Spectroscopic studies, cyclic voltammetry and synthesis of nickel(II) complexes with N4, N2O2 and N4S2 donor macrocyclic ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 518-525.	3.9	9
111	X-ray Powder Diffraction and Spectral Studies of Transition Metal Complexes Using Novel Tetradentate Macrocyclic Ligand. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2005, 35, 683-688.	0.6	9
112	Thiocyanate-Selective PVC Membrane Electrode Based on Copper and Nickel Complexes of Para-tolualdehydesemicarbazone as Carrier. <i>Analytical Letters</i> , 2008, 41, 3058-3073.	1.8	9
113	Spectroscopic, thermal and antibacterial studies on Mn(II) and Co(II) complexes derived from thiosemicarbazone. <i>Journal of the Serbian Chemical Society</i> , 2009, 74, 907-915.	0.8	9
114	Lanthanide complexes derived from hexadentate macrocyclic ligand: Synthesis, spectroscopic and thermal investigation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 835-840.	3.9	9
115	Spectral, thermal and electrochemical investigation of carbohydrazone derived ionophore as Fe(III) ion selective electrode. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 107, 271-279.	3.9	9
116	Synthesis, spectral and biological studies of copper (II) and iron (III) complexes derived from 2-acetyl benzofuran semicarbazone and 2-acetyl benzofuran thiosemicarbazone. <i>Journal of Saudi Chemical Society</i> , 2016, 20, 651-660.	5.2	9
117	complex as ionophore for thiocyanate-selective electrode. <i>Materials Science and Engineering C</i> , 2016, 62, 18-27.	7.3	9
118	Novel copper(II) homobinuclear macrocyclic complexes: Cyclic voltammetry, biological properties and spectral studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 63, 587-593.	3.9	8
119	Nickel(II) complexes with different chromospheres containing macrocyclic ligands: Spectroscopic and electrochemical studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 65, 215-220.	3.9	8
120	Synthesis, Structural, and Antibacterial Studies of Some Transition Metal Complexes Derived from Thiosemicarbazone and Semicarbazone. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 778-789.	1.6	8
121	Biological Active Cobalt(II) and Nickel(II) Complexes of 12-Membered Hexaaza [N ₆] Macrocyclic Ligand Synthetic and Spectroscopic Aspects. <i>E-Journal of Chemistry</i> , 2010, 7, 1238-1245.	0.5	8
122	Synthesis of Al nanoparticles: Transmission electron microscopy, thermal and spectral studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 92, 392-397.	3.9	8
123	Novel thiocyanate ion-selective electrodes based on a copper(II) complex of p-hydroxyacetophenone thiosemicarbazone as a carrier. <i>Monatshefte für Chemie</i> , 2013, 144, 573-579.	1.8	8
124	Stereochemical Studies on Cobalt (II) and Nickel (II) Complex of Some Semi Carbazones. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1983, 13, 585-599.	1.8	7
125	TEMPLATE SYNTHESIS AND CHARACTERIZATION OF Cr(III), Fe(III), Mn(II), Co(II), Ni(II), AND Cu(II) COMPLEXES WITH POLYDENTATE 18-MEMBERED MACROCYCLIC LIGAND. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2001, 31, 661-671.	1.8	7
126	Synthesis, Magnetic and Spectral Studies on Copper(II) Complexes with Bidentate Thiosemicarbazones. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2004, 34, 1417-1430.	1.8	7

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127	Coordination stability between metal/ligands interaction by modern spectroscopic studies: IR, electronic, EPR and cyclic voltammetry of cobalt(II) complexes with organic skeleton containing cyclic ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 65, 852-858.	3.9	7
128	Highly Selective Potentiometric Oxalate Ion Sensors Based on Ni(II) Bis(2-aminoacetophenone)ethylenediamine. <i>Chinese Journal of Chemistry</i> , 2010, 28, 1140-1146.	4.9	7
129	Synthesis, spectroscopic evaluation, molecular modelling, thermal study and biological evaluation of manganese(II) complexes derived from bidentate N,O and N,S donor Schiff base ligands. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4149.	3.5	7
130	Antibacterial Screening of Nitrogen and Sulphur Donor Atom Containing Methylcarbamatothiosemicarbazone and Its Mn(II) and Co(II) Complexes: Synthesis, Spectroscopic Approach, Molecular Modeling. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2019, 43, 477-487.	1.5	7
131	Synthesis and Characterization of Cobalt (II) Complexes of Cyclohexanone Semicarbazole, and Cyclohexanone Thiosemicarbazone. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1982, 12, 923-933.	1.8	6
132	Synthesis and Characterization of Cobalt(II) Complexes with Two Twelve-Membered Tetraaza Macrocyclic Ligands. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2004, 34, 79-91.	1.8	6
133	Spectral studies with coordination behaviour of (NO ₃) and (NCS) anions and EPR parameters of chromium(III) complexes which have different chromospheres macrocyclic ligands: Synthesis and electronic spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 74-80.	3.9	6
134	Antifungal and Spectral Studies of Cr(III) and Mn(II) Complexes Derived from 3×3 -Thiodipropionic Acid Derivative. <i>Research Letters in Inorganic Chemistry</i> , 2009, 2009, 1-4.	0.1	6
135	Synthesis, spectroscopic characterization of some Schiff base complexes derived from 2-methylcyclohexanone and their activity against some fungi. <i>Journal of Saudi Chemical Society</i> , 2011, 15, 19-24.	5.2	6
136	Synthesis and Spectroscopic Study of Biologically Active Tridentate Schiff's Base Ligand 2-Acetyl-5-methyl-furanthiosemicarbazone and its Mn(II), Co(II), Ni(II), and Cu(II) Complexes. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 557-565.	1.5	6
137	Synthesis, Spectroscopic Studies, Biological Screening and Geometrical Optimization of Bidentate Schiff's Base Ligand and their Mn(II) and Co(II) Complexes. <i>Asian Journal of Chemistry</i> , 2018, 30, 1664-1670.	0.3	6
138	Synthesis and Spectral Studies of Nickel(II) and Cobalt(II) Complexes of a Twelve-Membered and Tetradentate Macrocyclic Ligand. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1997, 27, 1083-1091.	1.8	5
139	Spectroscopic studies of transition metal complexes with a N-donor tetradentate(N ₄) 12-membered macrocyclic ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 458-464.	3.9	5
140	Transition Metal Complexes of Dis(thiosemicarbazone): Synthesis and Spectral, and Antifungal Studies. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 185, 22-33.	1.6	5
141	Fabrication of copper-selective PVC membrane electrode based on newly synthesized copper complex of Schiff base as carrier. <i>Journal of Saudi Chemical Society</i> , 2016, 20, S293-S299.	5.2	5
142	Synthesis, spectral and antibacterial activity of Co(II), Ni(II) and Zn(II) complexes with 2-hydroxybenzoic acid(3,4-dihydro-1-naphthalen-1-ylidene)-hydrazide. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3880.	3.5	5
143	Synthesis, spectroscopic characterization and DNA binding studies of Cu(II) complex of Schiff base containing benzothiazole moiety. <i>Journal of Taibah University for Science</i> , 2019, 13, 1050-1059.	2.5	5
144	SYNTHESIS AND SPECTRAL STUDIES OF Pd(II), Pt(II), Ir(III), AND Ru(III) COMPLEXES WITH 12-16 MEMBERED TETRADENTATE MACROCYCLIC LIGANDS. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2002, 32, 545-557.	1.8	4

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145	Modulation of synthetic parameters of novel zinc nanoparticles and reducing agent: Powder X-ray diffraction, transmission electron microscopy and spectral studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 97, 935-941.	3.9	4
146	EPR, IR and electronic spectral studies on Ni(II) and Cu(II) complexes with N-donor tetradentate [N4] macrocyclic ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 1001-1005.	3.9	3
147	Development of Pr(III) Selective Electrode Using 1,6,7,12-Tetramine-2,5,8,11-tetraoxo-1(12),6(7)-di(biphenyl)-dodecane (TATODBD) as a Neutral Carrier. <i>Chinese Journal of Chemistry</i> , 2010, 28, 833-838.	0.9	3
148	Synthesis of NNNN Tetradentate Macrocyclic Ligand and its Pd(II), Pt(II), Ru(III), and Ir(III) Complexes: Spectroscopic, Thermal, and Antimicrobial Studies. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2010, 40, 940-946.	0.6	3
149	Structural and Pharmacological Studies of Transition Metal Complexes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011, 41, 923-931.	0.6	3
150	Mg(II) Selective PVC Membrane Electrode Based on Methyl Phenyl Semicarbazone as an Ionophore. <i>Journal of Chemistry</i> , 2013, 2013, 1-7.	1.9	3
151	Co(II) and Ni(II) Complexes of a Heterocyclic Ligand: Synthesis, Characterization, Docking and Biological Activity. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2022, 46, 793-805.	1.5	3
152	Synthesis, Characterization and Applications of a Hexadentate Macrocyclic Ligand as Sm(III) Electrode. <i>Sensor Letters</i> , 2013, 11, 1453-1459.	0.4	2
153	The Spectroscopy: A modern technology in the characterization of novel macrocyclic ligand and its homo-bi-nuclear cobalt (II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 839-844.	3.9	1
154	Spectroscopic and Biological Studies on Newly Synthesized Cobalt (II) and Nickel (II) Complexes with 2-Acetyl Coumarone Semicarbazone and 2-Acetyl Coumarone Thiosemicarbazone. <i>Journal of Chemistry</i> , 2013, 2013, 1-7.	1.9	1
155	Recyclable copper nanoparticles: Efficient catalyst for selective cyclization of Schiff bases. <i>Journal of Saudi Chemical Society</i> , 2016, 20, 367-372.	5.2	1
156	Synthesis, spectral characterization, thermal investigation and electrochemical evaluation of benzilbis(carbohydrazone) as Cd(II) ion selective electrode. <i>Arabian Journal of Chemistry</i> , 2017, 10, S1306-S1315.	4.9	1
157	Tin(II) Selective PVC Membrane Electrode Based on Salicylaldehyde Thiosemicarbazone as an Ionophore. <i>Journal of Chemistry</i> , 2013, 2013, 1-5.	1.9	0
158	Synthesis and Antibacterial Investigation of Mn(II) and Co(II) Complexes of Schiff's Base Ligand. <i>Asian Journal of Chemistry</i> , 2019, 31, 1774-1778.	0.3	0
159	STRUCTURAL FEATURES, COMPUTATIONAL STUDIES AND BIOLOGICAL ANALYSIS: SCHIFF-TMS BASE LIGAND AND ITS COORDINATION COMPOUNDS. <i>Indian Drugs</i> , 2021, 58, 22-31.	0.1	0