

# Orhan BÃ¼yÃ¼kngÃ¼r

## List of Publications by Year in descending order

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326  
papers

4,939  
citations

136740

32  
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223531

46  
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327  
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327  
docs citations

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times ranked

3959  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical analysis (NBO, NPA, Mulliken Population Method) and molecular orbital studies (hardness, chemical potential, electrophilicity and Fukui function analysis) of (E)-2-((4-hydroxy-2-methylphenylimino)methyl)-3-methoxyphenol. <i>Journal of Molecular Structure</i> , 2015, 1091, 183-195.	1.8	171
2	Metal-Organic Framework Based on Isonicotinate <i>N</i>-Oxide for Fast and Highly Efficient Aqueous Phase Cr(VI) Adsorption. <i>Inorganic Chemistry</i> , 2016, 55, 5507-5513.	1.9	104
3	Synthesis, characterization and biological evaluation of a novel Cu(II) complex with the mixed ligands 2,6-pyridinedicarboxylic acid and 2-aminopyridine. <i>Polyhedron</i> , 2009, 28, 3526-3532.	1.0	93
4	Experimental (XRD, FT-IR and UV-Vis) and theoretical modeling studies of Schiff base (E)-N-((5-nitrothiophen-2-yl)methylene)-2-phenoxyaniline. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 118, 672-682.	2.0	87
5	The spectroscopic (FT-IR, UV-Vis), Fukui function, NLO, NBO, NPA and tautomerism effect analysis of (E)-2-[(2-hydroxy-6-methoxybenzylidene)amino]benzonitrile. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 139, 539-548.	2.0	87
6	New palladium and platinum 5,5-diethylbarbiturate complexes with 2-phenylpyridine, 2,2'-bipyridine and 2,2'-dipyridylamine: synthesis, structures, DNA binding, molecular docking, cellular uptake, antioxidant activity and cytotoxicity. <i>Dalton Transactions</i> , 2015, 44, 6880-6895.	1.6	66
7	Preparation of a series of Ru complexes with N-heterocyclic carbeneligands for the catalytic transfer hydrogenation of aromatic ketones. <i>Dalton Transactions</i> , 2012, 41, 2330-2339.	1.6	54
8	N-Alkylation and N,C-Dialkylation of Amines with Alcohols in the Presence of Ruthenium Catalysts with Chelating N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2015, 34, 2296-2304.	1.1	51
9	Synthesis and spectrothermal studies of vitamin B13 complexes of cobalt(II) and nickel(II) with 4-methylimidazole: Crystal structure of [Ni(HOR)(H <sub>2</sub> O)(4-Meim) <sub>3</sub> 2 $\cdot$ 5H <sub>2</sub> O]. <i>Polyhedron</i> , 2006, 25, 2985-2992.	1.0	49
10	Three (E)-2-[(bromophenyl)iminomethyl]-4-methoxyphenols. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, o177-o180.	0.4	49
11	Syntheses, IR spectra, thermal properties and crystal structures of novel cyano-bridged polymeric complexes of zincII and cadmiumII with tetracyanoplatinateII. <i>Polyhedron</i> , 2008, 27, 223-231.	1.0	48
12	Experimental and DFT Studies on Poly[di- $\mu$ -acesulfamato-O,O:O $\leftrightarrow$ :O $\leftrightarrow$ :O,O-di- $\mu$ -acesulfamato-O,O; N-di- $\mu$ -aqua-dicalcium(II)] Complex. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 671-679.	1.9	46
13	Synthesis, spectroscopic and structural investigation of ZnI <sub>2</sub> (nicotinamide) <sub>2</sub> , ZnI <sub>2</sub> (isonicotinamide) <sub>2</sub> and [Zn(H <sub>2</sub> O) <sub>2</sub> (picolinamide) <sub>2</sub> ] <sub>2</sub> . <i>Journal of Molecular Structure</i> , 2006, 794, 270-276.	1.8	45
14	Synthesis, structure, spectroscopic and electrochemical properties of (2-amino-4-methylpyrimidine)-(pyridine-2,6-dicarboxylato)copper(II) monohydrate. <i>Journal of Molecular Structure</i> , 2007, 834-836, 336-344.	1.8	44
15	Multinuclear Cu(II) Schiff Base Complex as Efficient Catalyst for the Chemical Coupling of CO <sub>2</sub> and Epoxides: Synthesis, X-ray Structural Characterization and Catalytic Activity. <i>Catalysis Letters</i> , 2011, 141, 717-725.	1.4	44
16	Molecular structure, spectroscopic investigations, second-order nonlinear optical properties and intramolecular proton transfer of (E)-5-(diethylamino)-2-[(4-propylphenylimino)methyl]phenol: A combined experimental and theoretical study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 93, 1-9.	2.0	43
17	Synthesis, crystal structures and spectral characterization of trans-bis(aquabis(o-vanillinato)copper(II), cis-aquabis(o-vanillinato)copper(II) and aqua[bis(o-vanillinato)-1,2-ethylenediimin]copper(II). <i>Dyes and Pigments</i> , 2007, 75, 507-515.	2.0	41
18	Synthesis, spectroscopic, molecular and computational structure characterizations of (E)-2-ethoxy-6-[(phenylimino)methyl]phenol. <i>Journal of Molecular Structure</i> , 2010, 963, 211-218.	1.8	41

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19	A two-dimensional photoluminescent cadmium(II) coordination polymer containing a new coordination mode of pyridine-2,3-dicarboxylate: Synthesis, structure and molecular simulations for gas storage and separation applications. <i>Polyhedron</i> , 2013, 50, 314-320.	1.0	41
20	Cationic Pd(II)/Pt(II) 5,5-diethylbarbiturate complexes with bis(2-pyridylmethyl)amine and terpyridine: Synthesis, structures, DNA/BSA interactions, intracellular distribution, cytotoxic activity and induction of apoptosis. <i>Journal of Inorganic Biochemistry</i> , 2015, 152, 38-52.	1.5	41
21	Quantum-chemical, spectroscopic and X-ray diffraction studies of (E)-2-[(2-Bromophenyl)iminomethyl]-4-trifluoromethoxyphenol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 87, 15-24.	2.0	40
22	Combined experimental and DFT computational studies on (E)-1-(5-nitrothiophen-2-yl)-N-[4-(trifluoromethyl)phenyl]methanimine. <i>Journal of Molecular Structure</i> , 2013, 1048, 41-50.	1.8	40
23	Sonochemical synthesis of nano-scale mixed-ligands lead(II) coordination polymers as precursors for preparation of PbO and PbBr(OH) nano-structures; thermal, structural and X-ray powder diffraction studies. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 592-597.	3.8	38
24	Synthesis, spectroscopic characterizations and quantum chemical computational studies of (Z)-4-[(E)-p-tolyldiazenyl]-6-[(2-hydroxyphenylamino)methylene]-2-methoxycyclohexa-2,4-dienone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 92, 357-364.	2.0	38
25	Synthesis, crystal structures, in vitro DNA binding, antibacterial and cytotoxic activities of new di- and polynuclear silver(I) saccharinate complexes with tertiary monophosphanes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 131, 31-42.	1.7	38
26	Syntheses, spectral and thermal analyses of heteronuclear aqua(2-methylpyrazine)metal(II) complexes with tetracyanonickelate ion and crystal structure of supramolecular [Cd(H <sub>2</sub> O)(2mpz)Ni(1/4-CN) <sub>4</sub> ] <sub>n</sub> complex. <i>Structural Chemistry</i> , 2008, 19, 879-888.	1.0	37
27	Synthesis, characterization, and biological evaluation of Cu(II) complexes with the proton transfer salt of 2,6-pyridinedicarboxylic acid and 2-amino-4-methylpyridine. <i>Journal of Coordination Chemistry</i> , 2011, 64, 3353-3365.	0.8	37
28	Novel dinuclear and polynuclear copper(II)-pyrazine-2,3-dicarboxylate supramolecular complexes with 1,3-propanediamine, N,N,N',N'-tetramethylethylenediamine and 2,2'-bipyridine. <i>Polyhedron</i> , 2009, 28, 437-444.	1.0	36
29	Crystal structure, spectral and thermal properties of 2-aminopyridinium adipate mono adipic acid dihydrate. <i>Journal of Molecular Structure</i> , 2003, 648, 133-138.	1.8	35
30	Experimental (X-ray, FT-IR and UV-vis spectra) and theoretical methods (DFT study) of (E)-3-methoxy-2-[(p-tolylimino)methyl]phenol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 748-758.	2.0	35
31	Silver(I)-barbital based frameworks: Syntheses, crystal structures, spectroscopic, thermal and antimicrobial activity studies. <i>Polyhedron</i> , 2006, 25, 2829-2840.	1.0	34
32	Synthesis of ferrocenyl pyrazoles by the reaction of 3-ferrocenylpropynal with hydrazinium salts. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 145-154.	0.8	34
33	Synthesis, Structural Characterization and Chromotropism of a Ni(II) and a Co(II) Compound with Acesulfamate as a Ligand. <i>Transition Metal Chemistry</i> , 2006, 31, 666-672.	0.7	33
34	A new coordination mode of pyrazine-2,3-dicarboxylic acid and its first monodentate complexes: Syntheses, spectral, thermal and structural characterization of [Cu(pzdca)(H <sub>2</sub> O)(en) <sub>2</sub> ]-H <sub>2</sub> O and [Cu(pzdca)(H <sub>2</sub> O)(dmpen) <sub>2</sub> ]. <i>Polyhedron</i> , 2008, 27, 2471-2477.	1.0	33
35	Synthesis, spectroscopic, thermal Studies, antimicrobial activities and crystal structures of Co(II), Ni(II), Cu(II) and Zn(II)-orotate complexes with 2-methylimidazole. <i>Polyhedron</i> , 2009, 28, 3087-3093.	1.0	33
36	Di- and polynuclear silver(I) saccharinate complexes of tertiary diphosphane ligands: synthesis, structures, in vitro DNA binding, and antibacterial and anticancer properties. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 29-44.	1.1	33

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37	Preparations, IR spectra and crystal structures of cyano-bridged bimetallic complexes of zinc(II) and cadmium(II) with tetracyanopalladate(II). <i>Journal of Coordination Chemistry</i> , 2007, 60, 2035-2044.	0.8	32
38	Spectroscopic characterization, X-ray structure, antimicrobial activity and DFT calculations of novel dipicolinate copper(II) complex with 2,6-pyridinedimethanol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 84, 168-177.	2.0	32
39	Palladium Complexes with Tetrahydropyrimidin-2-ylidene Ligands: Catalytic Activity for the Direct Arylation of Furan, Thiophene, and Thiazole Derivatives. <i>Organometallics</i> , 2015, 34, 2487-2493.	1.1	32
40	Nickel(II)â€” interaction in [M(ampy)2Ni(1/4-CN)2(CN)2]n (M=Zn(II) and Cd(II), ampy=2-aminomethylpyridine): Syntheses, vibrational spectroscopy, thermal analyses and crystal structures of cyano-bridged heteronuclear polymeric complexes. <i>Journal of Molecular Structure</i> , 2009, 920, 220-226.	1.8	31
41	Three copper(II) complexes of thiophene-2,5-dicarboxylic acid with dissimilar ligands: Synthesis, IR and UVâ€”Vis spectra, thermal properties and structural characterizations. <i>Polyhedron</i> , 2009, 28, 3010-3016.	1.0	30
42	Synthesis and catalytic activity of ruthenium(II) complexes containing pyridine-based tridentate triamines () and pyridine carboxylate ligands (). <i>Inorganica Chimica Acta</i> , 2012, 392, 246-253.	1.2	30
43	A disparate 3-D silver(I) coordination polymer of pyridine-3,5-dicarboxylate and pyrimidine with strong intermetallic interactions: X-ray crystallography, photoluminescence and antimicrobial activity. <i>Journal of Coordination Chemistry</i> , 2015, 68, 155-168.	0.8	30
44	Synthesis, structures and biomolecular interactions of new silver(I) 5,5-diethylbarbiturate complexes of monophosphines targeting Gram-positive bacteria and breast cancer cells. <i>Dalton Transactions</i> , 2017, 46, 8110-8124.	1.6	30
45	Transition metal(II) complexes of vitamin B13 with monodentate orotate(1â€”) ligands. <i>Journal of Molecular Structure</i> , 2006, 789, 147-151.	1.8	29
46	Syntheses, IR spectra, thermal analyses, crystal structures, luminescence properties and DFT calculations of two silverâ€”saccharinato complexes with 2-(dimethylaminomethyl)-3-hydroxypyridine and N-(2-aminoethyl)pyrrolidine. <i>Journal of Molecular Structure</i> , 2006, 794, 142-147.	1.8	29
47	Synthesis of novel rhodiumâ€”xlyl linked <i>N</i>â€”heterocyclic carbene complexes as hydrosilylation catalysts. <i>Applied Organometallic Chemistry</i> , 2008, 22, 59-66.	1.7	29
48	Two-dimensional supramolecular networks generated from weak Agâ€”Cpy interactions: Synthesis, structural, thermal and fluorescence studies of silver(I) complexes of 5,5-diethylbarbiturato with pyridine-2-ylmethanol and 2,6-dimethoxypyridine. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3306-3311.	0.8	29
49	Synthesis and characterization of Co(II), Ni(II), Zn(II) and Cu(II) complexes with a new tetraazamacrocyclic Schiff base ligand containing a piperazine moiety: X-ray crystal structure determination of the Co(II) complex. <i>Polyhedron</i> , 2010, 29, 1144-1148.	1.0	29
50	2Dâ†’3D polycatenated and 3Dâ†’3D interpenetrated metalâ€”organic frameworks constructed from thiophene-2,5-dicarboxylate and rigid bis(imidazole) ligands. <i>Journal of Solid State Chemistry</i> , 2014, 210, 261-266.	1.4	29
51	Supramolecular squarate and hydrogensquarate compounds with 4-amino-1,2,4-triazole, 2-aminothiazole and 2-aminobenzimidazole. <i>Journal of Molecular Structure</i> , 2008, 874, 151-158.	1.8	28
52	Sonochemical syntheses of strawberry-like nano-structure mixed-ligand lead(II) coordination polymer: Thermal, structural and X-ray powder diffraction studies. <i>Inorganica Chimica Acta</i> , 2010, 363, 841-845.	1.2	28
53	Syntheses, thermal analyses, crystal structures and antimicrobial properties of silver(I)-saccharinate complexes with diverse diamine ligands. <i>Inorganica Chimica Acta</i> , 2010, 363, 1849-1858.	1.2	28
54	Three novel dipicolinate complexes with the pyridine-2,6-dimethanol â€” A combined structural, spectroscopic, antimicrobial and computational study. <i>Solid State Sciences</i> , 2013, 15, 7-16.	1.5	28

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55	X-ray crystal structure and Cu <sup>2+</sup> doped EPR studies of tetraaquabis(isonicotinamide)zinc(II) and -cobalt(II) disaccharinate 1.5 hydrate single crystals. <i>Journal of Molecular Structure</i> , 2006, 787, 38-44.	1.8	27
56	Experimental and theoretical investigation of the molecular and electronic structure of 5-(4-aminophenyl)-4-(3-methyl-3-phenylcyclobutyl)thiazol-2-amine. <i>Journal of Molecular Modeling</i> , 2009, 15, 1435-1445.	0.8	26
57	A three-dimensional silver(I) coordination polymer involving a new bridging mode of saccharinate. <i>Inorganic Chemistry Communication</i> , 2010, 13, 563-567.	1.8	26
58	A novel anagostic CH $\delta^-$ -Cu interaction and clustered water molecules in copper(II)-pyridine-2,5-dicarboxylate complex. <i>Journal of Molecular Structure</i> , 2011, 991, 68-72.	1.8	26
59	Synthesis and structural characterization of a new Schiff base macrocyclic ligand containing a piperazine head unit and its metal complexes. Crystal structure of the Co(II) complex. <i>Polyhedron</i> , 2013, 51, 117-122.	1.0	26
60	Syntheses, crystal structures, spectral and thermal analysis and biological activities of copper(II)-pyridine-2,5-dicarboxylate complexes with 4-methylimidazole, imidazole, and 3,4-dimethylpyridine. <i>Solid State Sciences</i> , 2009, 11, 1908-1918.	1.5	25
61	Synthesis, structural characterisation of zinc(II)-pyridine-2,5-dicarboxylate complexes and self-assembled 1D water cluster in a supramolecular architecture. <i>Polyhedron</i> , 2010, 29, 2127-2133.	1.0	25
62	Probing the compound (E)-2-[(4-bromophenylimino)methyl]-6-ethoxyphenol mainly from the point of tautomerism in solvent media and the solid state by experimental and computational methods. <i>Journal of Molecular Structure</i> , 2011, 1000, 162-170.	1.8	25
63	Synthesis, spectroscopic, thermal, voltammetric studies and biological activity of crystalline complexes of pyridine-2,6-dicarboxylic acid and 8-hydroxyquinoline. <i>Journal of Molecular Structure</i> , 2009, 936, 67-74.	1.8	24
64	Syntheses, structural characterization and antimicrobial activities of novel cobalt-pyrazine-2,3-dicarboxylate complexes with N-donor ligands. <i>Journal of Molecular Structure</i> , 2010, 964, 39-46.	1.8	24
65	Experimental and density functional theory (DFT) studies on (E)-2-Acetyl-4-(4-nitrophenyldiazenyl) phenol. <i>Journal of Molecular Structure</i> , 2011, 985, 292-298.	1.8	24
66	Structural, spectral, electrochemical and catalytic reactivity studies of a series of N <sub>2</sub> O <sub>2</sub> chelated palladium(II) complexes. <i>Polyhedron</i> , 2012, 38, 141-148.	1.0	24
67	One-dimensional silver coordination polymers generated from saccharinate, piperazine and N,N $\epsilon$ -bis(2-hydroxyethyl)piperazine. <i>Polyhedron</i> , 2008, 27, 1761-1766.	1.0	23
68	Synthesis, IR spectrum, thermal behaviour and crystal structure of a novel one-dimensional cyano-bridged zinc(II)/nickel(II) complex. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2005, 220, 74-78.	0.4	22
69	The proton transfer process observed in the structure analysis and DFT calculations of (E)-2-ethoxy-6-[(2-methoxyphenylimino)methyl]phenol. <i>Structural Chemistry</i> , 2010, 21, 681-690.	1.0	22
70	Three forms of squaric acid with pyrazine and pyridine derivatives: an experimental and theoretical study. <i>Structural Chemistry</i> , 2011, 22, 1249-1259.	1.0	22
71	Experimental and computational studies on zwitterionic (E)-1-((4-phenoxyphenyliminio)methyl)naphthalen-2-olate. <i>Journal of Molecular Structure</i> , 2011, 997, 70-77.	1.8	22
72	Synthesis and characterization of SiO <sub>2</sub> -supported ruthenium complexes containing aromatic sulfonamides: as catalysts for transfer hydrogenation of acetophenone. <i>Dalton Transactions</i> , 2013, 42, 4957.	1.6	22

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73	Investigation of two o-hydroxy Schiff bases in terms of prototropy and radical scavenging activity. <i>Journal of Molecular Structure</i> , 2017, 1130, 623-632.	1.8	22
74	X-ray structural, spectroscopic and computational approach (NBO, MEP, NLO, NPA, Fukui function) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Crystals, 2017, 656, 169-184.	0.4	22
75	Crystallographic and Conformational Analysis of [(Z)-2-ethoxy-6-[(2-hydroxyphenylamino)methylene]cyclohexa-2,4-dienone]. <i>Journal of Chemical Crystallography</i> , 2008, 38, 901-905.	0.5	21
76	Hetero-Metallic Coordination Polymers: Syntheses, Vibrational Spectra, Thermal Analyses and Crystal Structures of trans-[M(N-Meim)2Ni(1/4CN)4] n (M=Cu(II), Zn(II) and Cd(II)). <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009, 19, 539-548.	1.9	21
77	Synthesis, crystal structure, spectral and thermal characterization of bis(o-vanillinato)-triethyleneglycoldiiminecopper(II) and bis[(R)-(â~)-hydroxymethylpropylimine o-vanillinato]copper(II). <i>Polyhedron</i> , 2009, 28, 2943-2948.	1.0	21
78	Theoretical and experimental studies on electronic structure, cocrystallization, and intramolecular proton transfer of two tautomers: (E)-2-[(2-(hydroxymethyl)phenylimino)methyl]-5-methoxyphenol and (Z)-3-[(2-(hydroxymethyl)phenylamino)methylene]-3-methoxy-cyclohexa-2,4-dienone. <i>International Journal of Quantum Chemistry</i> , 2011, 111, 3654-3663.	1.0	21
79	Synthesis, spectral analysis, structural elucidation and quantum chemical studies of (E)-methyl-4-[(2-phenylhydrazono)methyl]benzoate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 143, 91-100.	2.0	21
80	Coupling of cyclopropylcarbene-chromium complex with ferrocenyl alkynes: synthesis of 5-ferrocenyl-5-hydroxy-2-cyclopentenones and 4-ferrocenyl-4-cyclopentene-1,3-diones. <i>Tetrahedron</i> , 2007, 63, 4018-4026.	1.0	20
81	Imidazolium salicylaldimine frameworks for the preparation of tridentate N-heterocyclic carbene ligands. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1895-1902.	0.8	20
82	One-dimensional silver(I) 5,5-diethylbarbiturato coordination polymers with N-piperidineethanol and 1,3-bis(4-piperidyl)propane: Syntheses, crystal structures, spectroscopic and thermal properties. <i>Polyhedron</i> , 2010, 29, 920-924.	1.0	20
83	Synthesis and characterization of Ni(II), Cu(II) and Zn(II) complexes with new macrocyclic Schiff base ligands containing piperazine moiety. <i>Journal of Molecular Structure</i> , 2010, 977, 6-11.	1.8	20
84	Synthesis, characterization and antiglaucoma activity of a novel proton transfer compound and a mixed-ligand Zn(II) complex. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 930-938.	1.4	20
85	Linkage isomerism for 4-methylimidazole and a new coordination mode of pyrazine-2,3-dicarboxylate ligand in {[Cd(pzdc)(4-mim)(5-mim)2]·1/2H2O}n coordination polymer. <i>Inorganic Chemistry Communication</i> , 2010, 13, 1173-1177.	1.8	20
86	Novel silver(I)-saccharinate complexes exhibiting Ag...Ag and Ca...H...Ag close interactions with a new coordination mode of saccharinate. <i>Polyhedron</i> , 2011, 30, 364-371.	1.0	20
87	Synthesis, spectroscopic characterizations and quantum chemical computational studies of (Z)-4-[(E)-(4-fluorophenyl)diazanyl]-6-[(3-hydroxypropylamino)methylene]-2-methoxycyclohexa-2,4-dienone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 85, 85-91.	2.0	20
88	Coupling of pentacarbonyl[(cyclopropyl)methoxymethylene]molybdenum complex with ferrocenyl alkynes: Synthesis of ferrocenyl-substituted cycloheptadienones and cycloheptenediones. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1571-1578.	0.8	19
89	Synthesis, Crystal Structure and Characterization of Hexakis[2-methoxy-4-formylphenoxy]cyclotriphosphazene. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 597-599.	0.6	19
90	Phenol Schiff Base Molecule. <i>Journal of Chemical Crystallography</i> , 2009, 39, 672-676.	0.5	19

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91	Synthesis, Characterization and Crystal Structure of a Novel Three-Dimensional Supramolecular Framework Containing Ni <sup>II</sup> - $\pi$ -Interaction Heteronuclear Complex: {[Cu(4(5)-Meim) <sub>4</sub> ][Ni(CN) <sub>4</sub> ] $\cdot$ nH <sub>2</sub> O}. Journal of Inorganic and Organometallic Polymers and Materials, 2009, 19, 314-321.	1.9	19
92	Synthesis, IR Spectrum, Thermal Analysis, and Crystal Structure of the Cyano $\pi$ -bridged Heteronuclear Polymeric Complex: [Zn(teta)Ni( $\pi$ -CN) <sub>2</sub> (CN) <sub>2</sub> ] <sub>n</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 175-178.	0.6	19
93	1-D and 2-D coordination polymers of cerium(III) with pyridine-2,4,6-tricarboxylic acid: synthesis and structural, spectroscopic, and thermal properties. Journal of Coordination Chemistry, 2012, 65, 1892-1904.	0.8	19
94	Experimental and quantum chemical computational study of (E)-1-[5-(3,4-dimethylphenyldiazenyl)-2-hydroxyphenyl]ethanone. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 93, 208-213.	2.0	19
95	Four diclofenac complexes with cobalt(II) and nickel(II) ions: synthesis, spectroscopic properties, thermal decompositions, crystal structures, and carbonic anhydrase activities. Journal of Coordination Chemistry, 2014, 67, 969-985.	0.8	19
96	Anion influence on transformations of a nonporous 3D to porous 3D coordination polymer. New Journal of Chemistry, 2014, 38, 3187-3192.	1.4	19
97	The synthesis, electrochemical properties and structural characterization of <b>Tj ETQq1 1 0.784314 rgBT /Over</b> Journal of Coordination Chemistry, 2006, 59, 1649-1656.	0.8	18
98	The syntheses, structure and properties of cobalt complexes with $\beta$ -alanine derivatives. Polyhedron, 2006, 25, 1279-1286.	1.0	18
99	A one-dimensional silver(I) coordination polymer with saccharin and pyrazine: synthesis, crystal structure, thermal analysis, FTIR spectra, and DFT studies. Structural Chemistry, 2008, 19, 123-129.	1.0	18
100	Synthesis of 1-substituted benzimidazole metal complexes and structural characterization of dichlorobis(1-phenyl-1H-benzimidazole- $\pi$ -N <sup>3</sup> )cobalt(II) and dichlorobis(1-phenyl-1H-benzimidazole- $\pi$ -N <sup>3</sup> )zinc(II). Journal of Coordination Chemistry, 2011, 64, 1894-1902.	0.8	18
101	One- and Two-Dimensional Cadmium(II) Tetracyanonickelate(II) Coordination Polymers With Imidazole and 2-Methylimidazole Ligands. Journal of Inorganic and Organometallic Polymers and Materials, 2011, 21, 306-315.	1.9	18
102	Synthesis, crystal structures, thermal, and spectroscopic properties of four new metal(II) (M <sup>II</sup> =Co, Ni, Tj ETQq0 0 0 rgBT /Over) 2706-2717.	0.8	18
103	Synthesis, crystal structures, molecular simulations for hydrogen gas adsorption, fluorescent and antimicrobial properties of pyrazine-2,3-dicarboxylate complexes. Inorganica Chimica Acta, 2013, 399, 19-35.	1.2	18
104	Mono and dinuclear copper(II) naproxenato complexes containing 3-picoline and 4-picoline: synthesis, structure, properties, catechol oxidase, and antimicrobial activities. Journal of Coordination Chemistry, 2014, 67, 670-683.	0.8	18
105	Syntheses, crystallographic, mass-spectroscopic determination and antioxidant studies of Co(II), Ni(II) and Cu(II) complexes of a new imidazol based Schiff base. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 150, 821-828.	2.0	18
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221	4-[(3-Chlorophenyl)diazenyl]-2-[[tris(hydroxymethyl)methyl]aminomethylene]cyclohexa-3,5-dien-1(2H)-one. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o234-o236.	0.4	5
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223	Synthesis, Crystal Structure, Spectral and Thermal Characterization, and Antimicrobial Activity of [Cu(HOr)(aepy)(H <sub>2</sub> O)] · H <sub>2</sub> O (aepy = 2-aminoethylpyridine, HOr <sup>2-</sup> = orotate). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007, 62, 1590-1594.	0.3	5
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244	2-Amino-3-[(i>E</i>)-(2-hydroxy-3-methylbenzylidene)amino]but-2-enedinitrile. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1406-o1406.	0.2	4
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276	[Pr <sub>2</sub> (pdc) <sub>3</sub> (Hpdc)(H <sub>2</sub> O) <sub>4</sub> ] <sub>n</sub> ·n(H <sub>3</sub> hp)·8n(H <sub>2</sub> O), a One-Dimensional Coordination Polymer Containing PrO <sub>6</sub> N <sub>3</sub> Tri-Capped Trigonal Prisms and PrO <sub>8</sub> N Mono-Capped Square Anti-Prisms (H <sub>2</sub> pdc = Pyridine) <i>Tj ETQq0 0 0 rgBT / Overlck 10 Tf 5</i>	0.2	2
277	2-[[3-Chloro-4-(4-chlorophenoxy)phenyl]iminomethyl]-4-nitrophenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o889-o889.	0.2	2
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