

Orhan BÃ¼yÃ¼kngÃ¼r

List of Publications by Year in descending order

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326
papers

4,939
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#	ARTICLE	IF	CITATIONS
1	Identification of a 3-(5-methyl-2-thiazolylamino)phthalide as a new minor groove agent. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 4048-4064.	2.0	0
2	A series of three dimensional lanthanoid(III)-metal-organic frameworks with zwitterionic linker. <i>Journal of Coordination Chemistry</i> , 2021, 74, 2657-2669.	0.8	2
3	Synthesis, spectroscopic (FT-IR, UV-Vis), experimental (X-Ray) and theoretical (HF/DFT) study of: (E)-2-Chloro-N-((4-nitrocyclopenta-1,3-dienyl)methylene)benzenamine. <i>Journal of Molecular Structure</i> , 2018, 1174, 18-24.	1.8	17
4	XRD, FT-IR and UV characterization, hirshfeld surface analysis and local-global chemical descriptor studies of (E)-2-((3-fluorophenylimino)methyl)-3-methoxyphenol (1) and (E)-2-((2-fluorophenylimino)methyl)-3-methoxyphenol (2). <i>Journal of Molecular Structure</i> , 2018, 1166, 131-146.	1.8	12
5	Three Co(II)-coordination polymers based on 5-tert-butyl isophthalic acid and isomeric Bis(imidazole) ligands: Synthesis, optical and magnetic properties. <i>Polyhedron</i> , 2018, 142, 9-15.	1.0	7
6	Diaquabis(5-methoxyindole-2-carboxylato)bis(3-picoline)nickel(II) Complex: Synthesis, Characterization, XRD, TGA, DFT and HSA. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 667, 112-125.	0.4	0
7	Production and Characterization of Cu ₂ /Sn ₃ Absorber Layers for Photovoltaic Solar Cell Applications. , 2018, , .		0
8	Crystal Structure of 2-((E)-(5-Bromo-2-hydroxybenzylidene)hydrazono)-1,2-diphenylethanone. <i>Crystallography Reports</i> , 2018, 63, 375-378.	0.1	1
9	Molecular and Crystal Structure of 2-((E)-[(5-Chloro-2-methoxyphenyl)imino]methyl)-4-nitrophenol. <i>Crystallography Reports</i> , 2018, 63, 372-374.	0.1	4
10	XRD, Spectroscopic characterization (FT-IR, UV-Vis), Hirshfeld surface analysis and chemical activity of (E)-benzyl 2-((2S,3S,4R)-2,3,4-tris(benzyloxy)hex-5-enylidene) hydrazinecarboxylate. <i>Journal of Molecular Structure</i> , 2018, 1171, 375-387.	1.8	2
11	Crystal structure and theoretical study of N,N-bis[(5-chloro-2-oxo-2,3-dihydrobenzo[d]oxazol-3-yl)methyl]-2-phenylethanamine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 757-760.	0.2	0
12	Two 3D Zinc(II) coordination frameworks constructed from pyrazine-2,3-dicarboxylate and 1,2-bis(4-pyridyl)ethylene. <i>Journal of Molecular Structure</i> , 2017, 1137, 562-568.	1.8	6
13	Four coordination polymers based on 5-tert-butyl isophthalic acid and rigid bis(imidazol-1yl)benzene linkers: Synthesis, luminescence detection of acetone and optical properties. <i>Journal of Solid State Chemistry</i> , 2017, 249, 141-148.	1.4	12
14	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
15	Synthesis, crystal structures, characterization and antimicrobial activities of 5-hydroxyisophthalate complexes. <i>Transition Metal Chemistry</i> , 2017, 42, 85-93.	0.7	2
16	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
17	X-ray structural, spectroscopic and computational approach (NBO, MEP, NLO, NPA, Fukui function) Tj ETQq1 1 0.784314 rgBT /Overlo Crystals, 2017, 656, 169-184.	0.4	22
18	Crystal structure of 2-(azaniumylmethyl)pyridinium bis(hydrogen squarate). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 586-589.	0.2	1

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19	Synthesis, Spectroscopic, Structural and Quantum Chemical Studies of a New Imine Oxime and Its Palladium(II) Complex: Hydrolysis Mechanism. <i>Molecules</i> , 2016, 21, 52.	1.7	10
20	Synthesis, characterization and structures of solvent-mediated Na(I)â€“Pd(II) heterometallic complexes containing [Pd(barb₄)] ²⁺ units (barb= 5,5-diethylbarbiturate). <i>Journal of Coordination Chemistry</i> , 2016, 69, 2272-2280.	0.8	2
21	Metalâ€“Organic Framework Based on Isonicotinate N<i>-</i>-Oxide for Fast and Highly Efficient Aqueous Phase Cr(VI) Adsorption. <i>Inorganic Chemistry</i> , 2016, 55, 5507-5513.	1.9	104
22	Syntheses, structural characterizations and microbial activities of Ni(II) and Zn(II) 5-aminoisophthalate coordination polymers. <i>Journal of Coordination Chemistry</i> , 2016, 69, 1499-1513.	0.8	3
23	XRD, FTIR, 1H NMR, 13C NMR and UV spectroscopic and computational studies of [3-(hydroxyimino)butan-2-ylidene]furan-2-ylidene-carbohydrazide. <i>Molecular Crystals and Liquid Crystals</i> , 2016, 634, 61-72.	0.4	14
24	New metal complexes with diclofenac containing 2-pyridineethanol or 2-pyridinepropanol: synthesis, structural, spectroscopic, thermal properties, catechol oxidase and carbonic anhydrase activities. <i>Journal of Coordination Chemistry</i> , 2016, 69, 3321-3335.	0.8	16
25	Synthesis of palladium complexes derived from imidazolidin-2-ylidene ligands and used for catalytic amination reactions. <i>Applied Organometallic Chemistry</i> , 2016, 30, 1050-1055.	1.7	4
26	Switching diastereoselectivity of direct Mannich-type reaction of cyclic ketones by polymeric laponite nanoclay catalyst. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 609-615.	1.2	2
27	Crystal structure of 4-(4-chlorophenyl)-6-(morpholin-4-yl)pyridazin-3(2H<i>-</i>)-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 944-946.	0.2	1
28	Crystal structure of 2-{{2-methoxy-5-(trifluoromethyl)phenyl}iminomethyl}-4-nitrophenol. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o466-o467.	0.2	3
29	Novel Cyanide-Bridged Heterometallic Two-Dimensional Complex of 3-Methylpyridazine: Synthesis, Crystallographical, Vibrational, Thermal and DFT Studies. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 1205-1217.	1.9	3
30	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
31	Dinuclear zinc(II) complex with tris(2-aminoethyl)amine ligand: synthesis, structure and properties. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2015, 230, 407-412.	0.4	6
32	XRD, FT-IR, and DFT study on a novel ethyl derivative of 3-hydroxy-2-quinoxalinecarboxylic acid. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2015, 119, 987-996.	0.2	0
33	The spectroscopic (FT-IR, UVâ€“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
34	Crystal Structure and Vibrational Spectra of 3-Chloro-4-Phenyl-6-(Morpholine-4-yl)-Pyridazine by Hartree-Fock and Density Functional Methods. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 606, 216-236.	0.4	2
35	New palladium (<sc>ii</sc>) and platinum (<sc>ii</sc>) 5,5-diethylbarbiturate complexes with 2-phenylpyridine, 2,2-ylidene-bipyridine and 2,2-ylidene-dipyridylamine: synthesis, structures, DNA binding, molecular docking, cellular uptake, antioxidant activity and cytotoxicity. <i>Dalton Transactions</i> , 2015, 44, 6880-6895.	1.6	66
36	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

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37	Analysis of tautomeric equilibrium in (E)-4,6-dibromo-2-[(4-fluorophenylimino)methyl]-3-methoxyphenol compound. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 151, 731-738.	2.0	5
38	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
39	Crystal structure of 4-[(E)-(4-nitrobenzylidene)amino]phenol. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o113-o114.	0.2	2
40	Crystal structure of (Z)-4-[1-(4-acetylanilino)ethylidene]-3-methyl-1-phenyl-1H-pyrazol-5(4H)-one. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 94-96.	0.2	3
41	Synthesis, X-Ray Structural, Characterization, NLO, MEP, NBO, and HOMO-LUMO Analysis Using DFT Study of Co(II)bis(3,4 dimethoxybenzoate)bis(nicotinamide) Dihydrate. Molecular Crystals and Liquid Crystals, 2015, 609, 103-117.	0.4	5
42	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. Journal of Molecular Structure, 2015, 1091, 183-195.	1.8	171
43	N-Alkylation and N,C-Dialkylation of Amines with Alcohols in the Presence of Ruthenium Catalysts with Chelating N-Heterocyclic Carbene Ligands. Organometallics, 2015, 34, 2296-2304.	1.1	51
44	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. Journal of Inorganic Biochemistry, 2015, 152, 38-52.	1.5	41
45	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. Journal of Coordination Chemistry, 2015, 68, 155-168.	0.8	30
46	Hetero-octanuclear cubane-like and one-dimensional cyano complexes with the N,N-dimethylethylenediamine ligand. Polyhedron, 2015, 85, 720-726.	1.0	3
47	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
48	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
49	One- and two-dimensional heteropolynuclear complexes with tetracyanonickelate(II) and 2-pyridinemethanol. Zeitschrift Fur Kristallographie - Crystalline Materials, 2014, 229, 563-572.	0.4	5
50	Crystal structure of {(E)-4-[(1-allyl-1H-1,2,3-triazol-4-yl)methoxy]benzylidene}[2-(morpholin-4-yl)ethyl]amine. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o933-o934.	0.2	0
51	Crystal structure of (E)-N-(3,4-dimethoxybenzylidene)morpholin-4-amine. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o935-o935.	0.2	2
52	Crystal structure of (E)-1-(anthracen-9-ylmethylidene)[2-(morpholin-4-yl)ethyl]amine. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o1045-o1046.	0.2	0
53	Existence of a resonance hybrid structure as a result of proton tautomerism in (±)-(E)-4-Bromo-2-[(2,3-dihydroxypropylimino)methyl]phenol racemate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 120, 201-207.	2.0	15
54	Mixed ligand complexes of coumarilic acid/nicotinamide with transition metal complexes. Journal of Thermal Analysis and Calorimetry, 2014, 115, 1515-1524.	2.0	17

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55	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
56	2D+3D polycatenated and 3D+3D interpenetrated metal-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
57	One-dimensional bimetallic cyano complexes with nicotinamide and isonicotinamide ligands. <i>Journal of Molecular Structure</i> , 2014, 1060, 166-175.	1.8	14
58	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
59	Crystal structure, spectroscopic properties and density functional theory study of (Z)-1-[(2,4-dimethoxyphenylamino)methylene]naphthalen-2(1H)-one. <i>Optics and Spectroscopy (English)</i> Tj ETQq1 0.0.784314 rgBT /Ov		
60	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
61	One-dimensional heteropolynuclear tetracyanopalladate(II) complexes: Syntheses, crystal structures, thermal analyses and spectroscopic investigations. <i>Journal of Molecular Structure</i> , 2014, 1059, 101-107.	1.8	4
62	Copper(II) 2-Benzoylbenzoate Complexes Containing 2-Pyridylmethanol and 2-Pyridylethanol: Synthesis, Crystal Structures, Spectroscopic, and Thermal Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014, 44, 1234-1242.	0.6	2
63	Syntheses, crystal structures and spectroscopic properties of cyano-bridged two-dimensional coordination polymers with 3-methylpyridazine. <i>Inorganica Chimica Acta</i> , 2014, 414, 15-20.	1.2	13
64	CH-Ni interactions and cyano-bridged heteronuclear polymeric complexes studied by vibrational spectroscopy and quantum chemistry calculations. <i>Vibrational Spectroscopy</i> , 2014, 71, 105-114.	1.2	10
65	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
66	New cyano bridged heteropolynuclear Cu(II) and Cd(II)-tetracyanopalladate(II) polymeric complexes with 2-methylimidazole ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 124, 588-594.	2.0	10
67	A combined experimental and theoretical investigation of a new imineoxime and its palladium(II) and platinum(II) complexes: Synthesis, structural characterization and spectroscopic properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 93-101.	2.0	3
68	Anion influence on transformations of a nonporous 3D to porous 3D coordination polymer. <i>New Journal of Chemistry</i> , 2014, 38, 3187-3192.	1.4	19
69	Synthesis, Crystal Structure, Spectroscopic and Thermal Properties of a Novel Complex of Hydantoin-5-acetic acid with Co(II). <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 616-620.	1.9	4
70	A Photoluminescent Polymeric 2D Silver(I) Complex Exhibits a Fishbone-like 1D Silver Cluster and New Coordination Mode of the Pyridine-2,3-Dicarboxylate. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 418-423.	1.9	7
71	Synthesis and characterization of SiO ₂ -supported ruthenium complexes containing aromatic sulfonamides: as catalysts for transfer hydrogenation of acetophenone. <i>Dalton Transactions</i> , 2013, 42, 4957.	1.6	22
72	Three novel dipicolinate complexes with the pyridine-2,6-dimethanol - A combined structural, spectroscopic, antimicrobial and computational study. <i>Solid State Sciences</i> , 2013, 15, 7-16.	1.5	28

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73	Two dimensional heteropolynuclear Zn(II) and Cd(II)-tetracyanopalladate(II) complexes with the 1-ethylimidazole ligand exhibiting Câ€“Hâ€“Pd interactions. <i>Polyhedron</i> , 2013, 55, 10-17.	1.0	8
74	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
75	Synthesis and Crystal Structure of 3-Amino-1-(5-Chloro-2-Hydroxyphenyl)imidazolidine-2,4-Dione. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 570, 119-127.	0.4	0
76	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
77	Synthesis, spectroscopic characterization and computational studies of (Z)-1-((5,6,7,8-tetrahydronaphthalen-1-ylamino)methylene)naphthalen-2(1H)-one. <i>Journal of Molecular Structure</i> , 2013, 1043, 7-14.	1.8	5
78	Synthesis, crystal structures, molecular simulations for hydrogen gas adsorption, fluorescent and antimicrobial properties of pyrazine-2,3-dicarboxylate complexes. <i>Inorganica Chimica Acta</i> , 2013, 399, 19-35.	1.2	18
79	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
80	The synthesis, characterization, and theoretical hydrogen gas adsorption properties of copper(II)-3,3â€“thiodipropionate complexes with imidazole derivatives. <i>Journal of Coordination Chemistry</i> , 2013, 66, 4093-4106.	0.8	6
81	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
82	(3aR,6S,7aR)-7a-Chloro-6-methyl-2-(4-nitrophenylsulfonyl)-1,2,3,6,7,7a-hexahydro-3a,6-epoxyisoindole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1628-o1629.	0.2	6
83	(Z)-2-Methoxy-N-[(5-nitrothiophen-2-yl)methylidene]aniline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o393-o393.	0.2	2
84	2-Amino-3-(hydroxymethyl)pyridinium 2-benzoylbenzoate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o707-o708.	0.2	0
85	2-Amino-3-[(2-hydroxy-3-methylbenzylidene)amino]but-2-enedinitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1406-o1406.	0.2	4
86	Experimental and computational studies of bis[bis(2-furyl)glyoximato]nickel(II). <i>Journal of Coordination Chemistry</i> , 2012, 65, 1525-1538.	0.8	6
87	Synthesis and Crystal Structures of a Lanthanum(III) 1D Polymer and a Mixed-Ligand Cerium(III) Binuclear Complex Derived from Pyridine-2,6-dicarboxylic Acid. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 1165-1173.	1.9	17
88	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
89	Structural, spectroscopic and voltammetric studies of bis(acetazolamido)bis(aquo)bis(nicotinamide)copper(II). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 97, 24-30.	2.0	5
90	Synthesis, structural, spectroscopic characterization, and structural comparison of 3-hydroxybenzoate and nicotinamide/N,N-diethylnicotinamide mixed ligand complexes with Zn(II). <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 110, 1233-1241.	2.0	17

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91	Preparation of a series of Ru(κ^2) complexes with N-heterocyclic carbeneligands for the catalytic transfer hydrogenation of aromatic ketones. Dalton Transactions, 2012, 41, 2330-2339.	1.6	54
92	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
93	[Pr ₂ (pdc) ₃ (Hpdc)(H ₂ O) ₄] _n ·n(H ₃ hp)·8n(H ₂ O), a One-Dimensional Coordination Polymer Containing PrO ₆ N ₃ Tri-Capped Trigonal Prisms and PrO ₈ N Mono-Capped Square Anti-Prisms (H ₂ pdc = Pyridine) Tj ETQq1 1 0.784314 rgBT /Over	1.0	14
94	A mononuclear, mixed (salicylato) (nicotinamide) complex of Zn(II) with penta- and hexa-coordination sites: a novel framework structure. Journal of the Iranian Chemical Society, 2012, 9, 591-597.	1.2	14
95	Two New 2-Benzoylbenzoate Metal Complexes with Bapen: Synthesis, Spectroscopic and Crystal Structures. Journal of Chemical Crystallography, 2012, 42, 464-471.	0.5	5
96	Copper(II)-pyrazine-2,3-dicarboxylate Coordination Polymer with Monoethanolamine, [Cu(κ^3 -pzdc)(mea)] _n . Journal of Chemical Crystallography, 2012, 42, 519-523.	0.5	3
97	Experimental and DFT Studies on Poly[di- κ^3 -acesulfamato-O,O'-O κ^2 :O κ^2 :O,O-di- κ^4 -acesulfamato-O,O'; N-di- κ^4 -aqua-dicalcium(II)] Complex. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 671-679.	1.9	46
98	Synthesis, spectroscopic characterizations and quantum chemical computational studies of (Z)-4-[(E)-(4-fluorophenyl)diazenyl]-6-[(3-hydroxypropylamino)methylene]-2-methoxycyclohexa-2,4-dienone. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 85, 85-91.	2.0	20
99	Quantum-chemical, spectroscopic and X-ray diffraction studies of (E)-2-[(2-Bromophenyl)iminomethyl]-4-trifluoromethoxyphenol. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 87, 15-24.	2.0	40
100	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
101	Synthesis, spectroscopic characterizations and quantum chemical computational studies of (Z)-4-[(E)-p-tolyldiazenyl]-6-[(2-hydroxyphenylamino)methylene]-2-methoxycyclohexa-2,4-dienone. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 92, 357-364.	2.0	38
102	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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 93, 1-9.	2.0	43
103	C κ^2 -H κ^2 -Pd interactions and cyano-bridged heteronuclear polymeric complexes. Polyhedron, 2012, 31, 386-394.	1.0	16
104	Structural, spectral, electrochemical and catalytic reactivity studies of a series of N ₂ O ₂ chelated palladium(II) complexes. Polyhedron, 2012, 38, 141-148.	1.0	24
105	Hydrogen Bonded Supramolecular Network from a Mixed Valence Cobalt System: Synthesis and Crystal Structure of [Co(H ₂ O) ₆][Co(pydc) ₂ (en)] ₂ ·14H ₂ O. Journal of Chemical Crystallography, 2012, 42, 76-82.	0.5	4
106	Syntheses, Spectroscopic, Structural, Fluorescent and Thermal Properties of Bis(saccharinato)copper(II) Complexes with two Bis(pyridylamine) Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 246-250.	0.6	4
107	Supramolecular architectures of cadmium(κ^2)-orotate complexes containing water clusters. CrystEngComm, 2011, 13, 1339-1349.	1.3	11
108	Syntheses, crystal structures, fluorescent, and thermal properties of nickel(II) 5,5-diethylbarbiturate complexes with (2-aminomethyl), (2-aminoethyl), and (2-hydroxyethyl)pyridines. Journal of Coordination Chemistry, 2011, 64, 159-169.	0.8	9

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109	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
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115	Synthesis and characterization of Cu(II) complexes of pyrazine-2,3-dicarboxylic acid. <i>Polyhedron</i> , 2011, 30, 2171-2180.	1.0	15
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