

Salih Ilhan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	THE SYNTHESIS AND SPECTRAL CHARACTERIZATION OF NEW Cu(II), Ni(II), Co(III), AND Zn(II) COMPLEXES WITH SCHIFF BASE. <i>Spectroscopy Letters</i> , 2002, 35, 219-228.	1.0	80
2	Synthesis, structural characterization and electrochemical studies of new macrocyclic Schiff base containing pyridine head and its metal complexes. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3855-3865.	1.8	66
3	Synthesis and characterization of new macrocyclic Schiff base derived from 2,6-diaminopyridine and 1,7-bis(2-formylphenyl)-1,4,7-trioxaheptane and its Cu(II), Ni(II), Pb(II), Co(III) and La(III) complexes. <i>Polyhedron</i> , 2007, 26, 2795-2802.	2.2	53
4	Synthesis, characterization and redox properties of macrocyclic Schiff base by reaction of 2,6-diaminopyridine and 1,3-bis(2-carboxyaldehyde phenoxy)propane and its Cu(II), Ni(II), Pb(II), Co(III) and La(III) complexes. <i>Transition Metal Chemistry</i> , 2007, 32, 344-349.	1.4	43
5	Synthesis and spectral characterization of macrocyclic Ni(II) complexes derived from various diamines, Ni(II) perchlorate and 1,4-bis(2-carboxyaldehydephenoxy)butane. <i>Transition Metal Chemistry</i> , 2007, 32, 1012-1017.	1.4	41
6	SYNTHESIS AND CHARACTERIZATION OF A NEW BIDENTATE SCHIFF BASE AND ITS TRANSITION METAL COMPLEXES. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2002, 32, 1625-1634.	0.6	40
7	Calculation of current-voltage characteristics of a Cu (II) complex/n-Si/AuSb Schottky diode. <i>Current Applied Physics</i> , 2010, 10, 337-341.	2.4	38
8	Synthesis and spectral characterization of macrocyclic Schiff base by reaction of 2,6-diaminopyridine and 1,4-bis(2-carboxyaldehydephenoxy)butane and its Cu(II), Ni(II), Pb(II), Co(III) and La(III) complexes. <i>Transition Metal Chemistry</i> , 2007, 32, 584-590.	1.4	37
9	Synthesis and characterization of a new macrocyclic Schiff base derived from 2,6-diaminopyridine and 1,10-bis(2-formylphenyl)-1,4,7,10-tetraoxadecane and its Cu(II), Ni(II), Pb(II), Co(III) and La(III) complexes. <i>Transition Metal Chemistry</i> , 2007, 32, 1039-1046.	1.4	37
10	Synthesis, Spectroscopic and Electrochemical Studies of Novel Transition Metal Complexes with Quadridentate Schiff Base. <i>Journal of the Chinese Chemical Society</i> , 2006, 53, 1027-1031.	1.4	36
11	Spectroscopic and Electrochemical Studies of Transition Metal Complexes with N,N'-Bis(2-aminothiophenol)-1,7-bis(2-formylphenyl)-1,4,7-trioxaheptane and Structure Effects on Extractability of Ligand towards some Divalent Cations. <i>Monatshefte für Chemie</i> , 2007, 138, 1199-1209.	1.8	28
12	Synthesis and spectral studies of macrocyclic Cu(II) complexes by reaction of various diamines, copper(II) perchlorate and 1,4-bis(2-carboxyaldehyde phenoxy)butane. <i>Journal of Coordination Chemistry</i> , 2008, 61, 277-284.	2.2	27
13	Synthesis and characterization of 1,2-bis(2-(5-bromo-2-hydroxybenzylideneamino)-4-chlorophenoxy)ethane and its metal complexes: An experimental, theoretical, electrochemical, antioxidant and antibacterial study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 118, 632-642.	3.9	25
14	Synthesis and spectral studies of macrocyclic Cu(II), Ni(II) and Co(II) complexes by template reaction of 1,4-bis(3-aminopropoxy)butane with metal(II) nitrate and salicylaldehyde derivatives. <i>Journal of Molecular Structure</i> , 2008, 891, 157-166.	3.6	17
15	Preparation and spectral characterization of new macrocyclic Ni(II) and Co(II) complexes derived from 1,4-bis(2-carboxyaldehydephenoxy)butane and various diamines. <i>Journal of Coordination Chemistry</i> , 2008, 61, 1443-1454.	2.2	17
16	Synthesis, characterization and experimental, theoretical, electrochemical, antioxidant and antibacterial study of a new Schiff base and its complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 130, 270-279.	3.9	17
17	Spectroscopic and Conductance Studies of New Transition Metal Complexes with a Schiff Base Derived from 4-Methoxybenzaldehyde and 1,2-bis(p-Aminophenoxy)ethane. <i>Spectroscopy Letters</i> , 2003, 36, 1.0 429-440.	1.0	16
18	Prepared and characterization of new macrocyclic Schiff bases and their binuclear copper complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 896-903.	3.9	16

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19	Synthesis and Characterization of New Macrocyclic Cu(II) Complexes from Various Diamines, Copper(II) Nitrate and 1,4-Bis(2-formylphenoxy)butane. Chinese Journal of Chemistry, 2007, 25, 1547-1550.	4.9	15
20	Spectroscopic and extraction studies of new transition metal complexes with N,N' -bis(2-aminothiophenol)-1,4-bis(2-carboxaldehydophenoxy)butane. Journal of Coordination Chemistry, 2008, 61, 1146-1156.	2.2	14
21	Characterization of an Au/n-Si photovoltaic structure with an organic thin film. Materials Science in Semiconductor Processing, 2013, 16, 1125-1130.	4.0	13
22	Preparation and characterization of binuclear CuII complexes derived from diamines and dialdehydes. Journal of Coordination Chemistry, 2008, 61, 2884-2895.	2.2	12
23	Synthesis, characterization and electro-spectroelectrochemical studies of four macrocyclic Schiff-base Co(II) complexes having N2O2 set of donor atoms. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2009, 63, 163-169.	1.6	11
24	Synthesis, characterization, and spectroscopic studies of novel transition metal complexes with N,N' -bis(salicylaldehyde)-1,4-bis(4-chloro-2-aminophenoxy)butane. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 918-921.	1.0	10
25	Synthesis, spectral studies, and determination of stability constants and thermodynamic parameters for some aromatic diamine transition-metal complexes. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 282-286.	1.0	9
26	Synthesis and spectral studies of macrocyclic Pb(II), Zn(II), Cd(II) and La(III) complexes derived from 1,4-bis(3-aminopropoxy)butane with metal nitrate and salicylaldehyde derivatives. Chinese Chemical Letters, 2009, 20, 339-343.	9.0	8
27	Synthesis and Characterization of a New Difunctional Ligand and Its Metal Complexes: An Experimental, Theoretical, Cyclic Voltammetric, and Antimicrobial Study. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 1795-1807.	0.6	7
28	Synthesis and spectroscopic studies of novel transition metal complexes with schiff base synthesized from 1,4-bis-(o-aminophenoxy)butane and salicyldehyde. Russian Journal of Inorganic Chemistry, 2009, 54, 543-547.	1.3	5
29	Synthesis of Complexes of Pb(II), Cd(II), Zn(II), Ni(II), La(III) and Cu(II) with a Schiff Base Macrocyclic Ligand Containing Pyridine. Journal of Chemical Research, 2010, 34, 304-306.	1.3	5
30	Synthesis and spectroscopic characterization of a new macrocyclic Schiff base formed by the reaction of 1,5-bis(2-formylphenyl)pentane and 2,6-diaminopyridine, and a study of its metal complexes. Journal of Coordination Chemistry, 2009, 62, 456-464.	2.2	4
31	Synthesis and characterisation of Schiff base macrocyclic Pb(II), Zn(II), Cd(II) and La(III) complexes by template reaction of (Δ^{\pm}) -trans-1,2-diaminocyclohexane with metal nitrates and salicylaldehyde derivatives. Journal of Chemical Research, 2009, 2009, 766-769.	1.3	3
32	Synthesis and spectral studies of macrocyclic Pb(II), Zn(II), Cd(II) and La(III) complexes by template reaction of 1,2-bis(2-formylphenyl)ethane with metal nitrate and various diamine. Russian Journal of Inorganic Chemistry, 2010, 55, 1402-1409.	1.3	2
33	Synthesis, characterization and mass spectral studies on acrocyclic schiff base complexes of Pb(II), Zn(II) and La(III). Russian Journal of Inorganic Chemistry, 2010, 55, 583-593.	1.3	1
34	Synthesis and Spectral Studies of Macrocyclic Pb(II), Zn(II) and La(III) Complexes by Template Reaction of 1,4-Bis(3-Aminopropoxy)Butane with Metal Nitrate and Salicylaldehyde Derivatives. Journal of Chemical Research, 2010, 34, 1-4.	1.3	1