

Hamdi Temel

List of Publications by Year in descending order

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955
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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	A detailed study on the chemical and biological profiles of essential oil and methanol extract of <i>Thymus nummularius</i> (Anzer tea): Rosmarinic acid. <i>Industrial Crops and Products</i> , 2015, 67, 336-345.	5.2	74
3	A comprehensive LC-MS/MS method validation for the quantitative investigation of 37 fingerprint phytochemicals in <i>Achillea</i> species: A detailed examination of <i>A. coarctata</i> and <i>A. monocephala</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 154, 413-424.	2.8	49
4	NOVEL COMPLEXES OF MANGANESE(III), COBALT(II), COPPER(II), AND ZINC(II) WITH SCHIFF BASE DERIVED FROM 1,2-BIS(p-AMINO-PHENOXY)ETHANE AND SALICYLALDEHYDE. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2001, 31, 849-857.	1.8	47
5	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(I), Ni(II), Pb(II), Co(III) and La(III) complexes. <i>Transition Metal Chemistry</i> , 2007, 32, 344-349.	1.4	43
6	SYNTHESIS, SPECTRAL AND BIOLOGICAL STUDIES OF Mn(II), Ni(II), Cu(II), AND Zn(II) COMPLEXES WITH A TETRADENTATE SCHIFF BASE LIGAND. COMPLEXATION STUDIES AND THE DETERMINATION OF STABILITY CONSTANTS (K _e). <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2001, 31, 1323-1337.	1.8	41
7	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
8	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
9	Synthesis and spectral characterization of macrocyclic Schiff base by reaction of 2,6-diaminopyridine and 1,4-bis(2-carboxyaldehydephenoxy)butane and its Cu(I), Ni(II), Pb(II), Co(III) and La(III) complexes. <i>Transition Metal Chemistry</i> , 2007, 32, 584-590.	1.4	37
10	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
11	Preparation, Characterisation and Redox Properties of Four New Tetradentate Salicylaldimines with their Cu(II) Complexes. <i>Journal of Chemical Research</i> , 2006, 2006, 242-245.	1.3	36
12	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
13	Synthesis, spectral characterization and electrochemical studies of copper(II) and cobalt(II) complexes with novel tetradentate salicylaldimines. <i>Journal of Coordination Chemistry</i> , 2004, 57, 677-684.	2.2	29
14	Spectroscopic and Electrochemical Studies of Transition Metal Complexes with N,N'-Bis(2-aminothiophenyl)-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
15	Synthesis and Characterization of a Novel Oxovanadium(IV) Complex and Conductometric Studies with N,N'-bis(Salicylidene)-1,2-bis(p-aminophenoxy)ethane. <i>Synthesis and Reactivity in Inorganic, Metals Organic, and Nano Metal Chemistry</i> , 2004, 34, 819-831.		27
16	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
17	Synthesis, spectroscopic and thermodynamic studies of new transition metal complexes with N,N'-bis(2-hydroxynaphthalin-1-carbaldehyde)-1,2-bis(m-aminophenoxy)ethane and their determination by spectrophotometric methods. <i>Journal of Coordination Chemistry</i> , 2005, 58, 1177-1185.	2.2	25
18	Flavonoids from <i>Sideritis</i> Species: Human Monoamine Oxidase (hMAO) Inhibitory Activities, Molecular Docking Studies and Crystal Structure of Xanthomicrol. <i>Molecules</i> , 2015, 20, 7454-7473.	3.8	25

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19	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.		16
20	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
21	Cross-coupling reactions in water using ionic liquid-based palladium(II)-phosphinite complexes as outstanding catalysts. <i>Applied Organometallic Chemistry</i> , 2014, 28, 818-825.	3.5	16
22	Complexation and mutagenicity potential studies with N, N'-bis (2-hydroxynaphthalin-1-carbaldehyde)-1,2-bis-(p-aminophenoxy)ethane and a novel oxovanadium(IV) complex. <i>Journal of Coordination Chemistry</i> , 2004, 57, 571-581.	2.2	15
23	Synthesis and Characterization of New Macrocyclic Cu(II) Complexes from Various Diamines, Copper(II) Nitrate and 1,4-bis(2-formylphenoxy)butane. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1547-1550.	4.9	15
24	Identification of Phenolic Compounds by LC-MS/MS and Evaluation of Bioactive Properties of Two Edible Halophytes: <i>Limonium effusum</i> and <i>L. sinuatum</i> . <i>Molecules</i> , 2021, 26, 4040.	3.8	15
25	Spectroscopic and extraction studies of new transition metal complexes with N,N'-bis (2-aminothiophenol)-1,4-bis (2-carboxaldehydephenoxy)butane. <i>Journal of Coordination Chemistry</i> , 2008, 61, 1146-1156.	2.2	14
26	Novel cyclohexyl-based aminophosphine ligands and use of their Ru(II) complexes in transfer hydrogenation of ketones. <i>Applied Organometallic Chemistry</i> , 2014, 28, 127-133.	3.5	14
27	Synthesis, characterization and electro-spectroelectrochemical studies of four macrocyclic Schiff-base Co(II) complexes having N ₂ O ₂ set of donor atoms. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 63, 163-169.	1.6	11
28	A Detailed Chemical and Biological Investigation of Twelve Allium Species from Eastern Anatolia with Chemometric Studies. <i>Chemistry and Biodiversity</i> , 2021, 18, e2000560.	2.1	11
29	Electrical and photoelectrical behaviour of heterojunctions based on novel oligomeric metal complexes. <i>Applied Organometallic Chemistry</i> , 2015, 29, 798-804.	3.5	10
30	Characterization of the Chemical Profile of Euphorbia Species from Turkey by Gas Chromatography-Mass Spectrometry (GC-MS), Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS), and Liquid Chromatography-Ion Trap-Time-of-Flight-Mass Spectrometry (LC-IT-TOF-MS) and Chemometric Analysis. <i>Analytical Letters</i> , 2019, 52, 1031-1049.	1.8	10
31	Parameterization of Boronates Using VFFDT and Paramfit for Molecular Dynamics Simulation. <i>Molecules</i> , 2020, 25, 2196.	3.8	9
32	Photochemical reactions of metal carbonyls [M(CO) ₆ (M=Cr, Mo, W)] with N, N'-bis(salicylidene)-1,2-bis-(o-aminophenoxy)ethane. <i>Journal of Coordination Chemistry</i> , 2006, 59, 1807-1811.	2.2	8
33	Photochemical reactions of M(CO) ₅ THF (M=Cr, Mo, W) with thio Schiff bases. <i>Transition Metal Chemistry</i> , 2008, 33, 849-854.	1.4	7
34	PREPARATION OF NEW o-CARBOXYANILINOTELLURIUM(IV) BROMIDES AND THEIR DYEING PROPERTIES. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2001, 31, 1097-1107.	1.8	5
35	Synthesis and spectroscopic studies of novel transition metal complexes with schiff base synthesized from 1,4-bis-(o-aminophenoxy)butane and salicyldehyde. <i>Russian Journal of Inorganic Chemistry</i> , 2009, 54, 543-547.	1.3	5
36	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. <i>Journal of Chemical Research</i> , 2010, 34, 304-306.	1.3	5

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37	Chemical Profile and Biological Activities of Two Edible Plants: Chemical Investigation and Quantitative Analysis Using Liquid Chromatography Tandem Mass Spectrometry and Gas Chromatography Mass Spectrometry. <i>International Journal of Food Properties</i> , 2016, 19, 124-138.	3.0	5
38	Photochemical Reactions of VIB and VIIB Group Metal Carbonyl Complexes with a Chiral Schiff Base. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2007, 37, 85-89.	0.6	4
39	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. <i>Journal of Coordination Chemistry</i> , 2009, 62, 456-464.	2.2	4
40	Synthesis and Characterization of Stable Heterocyclic (Schiff Base) Divalent Tin Species and Photogeneration of Their Transition Metal Carbonyl Complexes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2013, 43, 305-311.	0.6	4
41	Chemical profiling and total thickness-excised wound-healing activity of <i>Pistacia lentiscus</i> L. fruits growing in Algeria. <i>Cogent Biology</i> , 2016, 2, 1182611.	1.7	4
42	Developments in transfer hydrogenations of aromatic ketones catalyzed by boron compounds. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1357-1367.	2.2	3
43	Photochemical Reactions of [M(CO)5THF] (M: Cr, Mo and W) with Tetradentate Schiff-bases. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2008, 38, 422-427.	0.6	2
44	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. <i>Russian Journal of Inorganic Chemistry</i> , 2010, 55, 1402-1409.	1.3	2
45	Photochemical Reactions of [M(CO)5THF] (M: Cr, Mo, and W) with Tetradentate Schiff-Bases. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2008, 38, 615-619.	0.6	1
46	Development and Validation of a Novel LC-MS/MS Method for the Quantitation of 19 Fingerprint Phytochemicals in <i>Salvia</i> Species: A Chemometric Approach. <i>Journal of Chromatographic Science</i> , 2021, , .	1.4	1
47	Trace Element Analysis by ICP-MS and Chemometric Approach in Some Species: Potential to become a Biomonitor. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 1704-1724.	0.5	1
48	Spectroscopic studies of new Co(II), Cu(II), and Ni(II) complexes with 1,2-Bis(m-aminophenoxy)ethane. <i>Russian Journal of Inorganic Chemistry</i> , 2007, 52, 709-712.	1.3	0