

Orhan Atakol

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Giant and Reversible Barocaloric Effect in Trinuclear Spinâ€Crossover Complex Fe₃(bntrz)₆(tcnset)₆. Advanced Materials, 2021, 33, e2008076.	11.1	58
2	Synthesis, crystal structure, theoretical calculations and thermal characterization of two heterodinuclear NiIIâ€ZnII complexes prepared from ONNO-type symmetrical Schiff base and its reduced derivative. Journal of Thermal Analysis and Calorimetry, 2020, 139, 1863-1882.	2.0	2
3	The effect of electronegativity upon the coordination sphere; heterodinuclear Ni(II) complexes with ONNO type Schiff bases, octahedral, square pyramidal and square planar coordination of Ni(II). Journal of Molecular Structure, 2020, 1221, 128789.	1.8	1
4	The comparison of miRNAs that respond to anti-breast cancer drugs and usnic acid for the treatment of breast cancer. Cytotechnology, 2020, 72, 855-872.	0.7	1
5	Effect of synthetic nano-hydroxyapatite as an alternative phosphorus source on growth and phosphorus nutrition of lettuce (<i>Lactuca sativa</i> L.) plant. Journal of Plant Nutrition, 2018, 41, 1148-1154.	0.9	76
6	Thermal kinetic analysis, theoretical thermodynamic calculations and antimicrobial activity of three new energetic materials. Journal of Thermal Analysis and Calorimetry, 2018, 131, 3105-3120.	2.0	10
7	The investigations of thermal behavior, kinetic analysis, and biological activity of trinuclear complexes prepared ONNO-type Schiff bases with nitrito and nitrate 1/4-bridges. Journal of Thermal Analysis and Calorimetry, 2017, 127, 1319-1337.	2.0	3
8	Thermal characterization and theoretical and experimental comparison of picryl chloride derivatives of heterocyclic energetic compounds. Journal of Thermal Analysis and Calorimetry, 2017, 127, 2199-2213.	2.0	20
9	Investigation of energetic materials prepared by reactions of diamines with picryl chloride. Journal of Thermal Analysis and Calorimetry, 2017, 127, 1931-1940.	2.0	8
10	Enrichment of copper and nickel with solid phase extraction using multiwalled carbon nanotubes modified with Schiff bases. International Journal of Environmental Analytical Chemistry, 2015, 95, 698-712.	1.8	9
11	Biosorption properties of zinc(II) from aqueous solutions by <i>Pseudevernia furfuracea</i> (L.) Zopf. Journal of the Air and Waste Management Association, 2014, 64, 1112-1121.	0.9	25
12	Effects of environment on the release of Ni, Cr, Fe, and Co from new and recast Ni-Cr alloy. Journal of Prosthetic Dentistry, 2014, 112, 64-69.	1.1	8
13	Thermal Decomposition of Dinitro-chloro-azido Benzenes: A Comparison of Theoretical and Experimental Results. Journal of Energetic Materials, 2014, 32, 1-15.	1.0	7
14	Some new energetic benzaldoximes. Journal of Thermal Analysis and Calorimetry, 2013, 112, 1587-1599.	2.0	4
15	Preparation of thin film alloys with electrodeposition from heterotrinnuclear M1â€M2â€M1 complexes (M1: NiII, CuII; M2: CuII, CoII, ZnII, CdII). Journal of Coatings Technology Research, 2010, 7, 365-371.	1.2	2
16	Thermal Decomposition of New Mononuclear Ni^{II} Complexes with ONNO Type Reduced Schiff Bases and Pseudo Halogens. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 840-845.	0.6	6
17	New Energetic Copper(II) Complexes With Pyrazolyl Type Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 637, n/a-n/a.	0.6	0
18	The effect of ligand basicity on the thermal stability of heterodinuclear NiIIâ€ZnII complexes. Journal of Thermal Analysis and Calorimetry, 2009, 98, 377-385.	2.0	12

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19	Experimental and computational investigations of a cadmium(II) mononuclear complex with 2,6-Bis(3,5-dimethyl-N-pyrazolyl)pyridine (bdmpp) and selenocyanate as ligands. <i>Open Chemistry</i> , 2009, 7, 402-409.	1.0	15
20	Nickel(II) complexes prepared from NNN type ligands and pseudohalogens. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 92, 617-624.	2.0	9
21	Synthesis, characterization, crystal structure and thermal analysis of a copper(II) mononuclear compound with 2,6- bis (3,5-dimethyl- N -pyrazolyl)pyridine (bdmpp) and selenocyanate as ligands. <i>Journal of Coordination Chemistry</i> , 2007, 60, 2133-2138.	0.8	7
22	Synthesis, characterization, crystal structure and biological activity of a novel heterotetranuclear complex: [NiLPb(SCN)(DMF)(HO)], bis-[(1/4- μ^2 -bis(salicylidene)-1,3-propanediaminato-aqua-nickel(II))(thiocyanato)(1/4-thiocyanato)(1/4- μ^2 -dimethylformamide)lead(II)]. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 1937-1944.	1.5	95
23	Some new Ni ^{II} -Zn heterodinuclear complexes: square-pyramidal nickel(II) coordination. <i>Inorganica Chimica Acta</i> , 2003, 342, 295-300.	1.2	51
24	Synthesis and Crystal Structure of Linear Chain Homotetranuclear Complexes with N ₃ ²⁻ . <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2003, 33, 281-296.	1.8	27
25	Crystal Structure of a Symmetrical Heterotrinnuclear NiII-MnII-NiII Complex: Bis{(N,N'-dimethylformamide) (.MU.-acetato) [.MU.-N,N'-bis(salicylidene)-2-hydroxy-1,3-propanediamine]nickel(II)}manganese(II).. <i>Analytical Sciences</i> , 2002, 18, 493-494.	0.8	9
26	INVESTIGATIONS ON SOME HETERO-TRINUCLEAR COMPLEXES OF NICKEL(II) AND COPPER(II). <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2001, 31, 1689-1704.	1.8	21
27	A Nitrate-Selective Electrode Based on Tris(2,2',2''-salicylideneimino)triethylamine.. <i>Analytical Sciences</i> , 2001, 17, 1269-1272.	0.8	21
28	Crystal Structure of {Bis[N-(2-hydroxyethylamino)ethylsalicylaldiminato]-iron(III)}Chloride.. <i>Analytical Sciences</i> , 2001, 17, 569-570.	0.8	3
29	Some DI- and Trinuclear Zinc Complexes: Anion Induced Complex Formation. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2000, 30, 709-718.	1.8	22
30	Crystal Structure of Trinuclear Complex, Bis(.MU.-N,N'-bis(salicylidene)-1,3-propanediaminato(dimethylformamide)-(.MU.-nitrito-N)nickel(II))cobalt(II).. <i>Analytical Sciences</i> , 1999, 15, 101-102.	0.8	15
31	Crystal Structure of		

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37	Crystal Structure of the N-(2-Salicylidene-ethyl)-ethanolamino-dichloro-iron(III) Complex.. Analytical Sciences, 1998, 14, 457-458.	0.8	1
38	Some complexes of Nickel(II) with Ono Type Schiff Bases and their Monoligand Adducts. Part II.. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1997, 27, 29-40.	1.8	6
39	Crystal Structure of Bis(4-(2-oxy-1-naphthylmethyliminomethyl-N,O)-2-penten-2-olato-O)dicopper(II) Complex.. Analytical Sciences, 1997, 13, 1055-1056.	0.8	1
40	Crystal Structure of (1-{{(2-Oxyphenyl)iminomethyl}benzene-2-oxy-N,O,O'})(cyclopropylamine-N)nickel(II) Complex.. Analytical Sciences, 1997, 13, 687-688.	0.8	2
41	Crystal Structure of (N,N'-Disalicylidene-2,3-diaminopyridine)copper(II) Complex.. Analytical Sciences, 1997, 13, 519-520.	0.8	3
42	Crystal Structure of Bis(4-(5-methyl-2-oxyphenyl-KAPPA.O,2.KAPPA.O)-4-imino-2-penten-2-olato-O,O',N')copper(II).. Analytical Sciences, 1997, 13, 1051-1052.	0.8	9