

Mukerrem Kurtoglu

List of Publications by Year in descending order

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35
papers

777
citations

394421

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35
docs citations

35
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and antimicrobial studies of 2-[(E)-[(2-hydroxy-5-methylphenyl)imino]methyl]-4-[(E)-phenyldiazenyl]phenol as a novel azo-azomethine dye. <i>Journal of Molecular Structure</i> , 2013, 1053, 89-99.	3.6	44
2	Novel vic-dioximes: Synthesis, complexation with transition metal ions, spectral studies and biological activity. <i>Dyes and Pigments</i> , 2008, 77, 75-80.	3.7	43
3	An azo-azomethine ligand and its copper(II) complex: Synthesis, X-ray crystal structure, spectral, thermal, electrochemical and photoluminescence properties. <i>Inorganica Chimica Acta</i> , 2015, 430, 268-279.	2.4	39
4	New bio-active azo-azomethine based Cu(II) complexes. <i>Inorganica Chimica Acta</i> , 2016, 444, 166-175.	2.4	37
5	Synthesis and X-ray powder diffraction, electrochemical, and genotoxic properties of a new azo-Schiff base and its metal complexes. <i>Turkish Journal of Chemistry</i> , 2014, 38, 222-241.	1.2	36
6	Synthesis and Antimicrobial Activity of New Schiff Bases Having the β -SiOR Group (R = CH ₃ or CH ₂ CH ₃), and their Transition Metal Complexes. <i>Transition Metal Chemistry</i> , 2005, 30, 1042-1047.	1.4	34
7	Synthesis and Biological Activity of Novel (E,E)-vic-dioximes. <i>Transition Metal Chemistry</i> , 2006, 31, 382-388.	1.4	31
8	New tridentate azo-azomethines and their copper(II) complexes: Synthesis, solvent effect on tautomerism, electrochemical and biological studies. <i>Journal of Molecular Structure</i> , 2015, 1096, 64-73.	3.6	31
9	Computational and experimental studies of 2-[(E)-hydrazinylidene]methyl-6-methoxy-4-[(E)-phenyldiazenyl]phenol and its tautomers. <i>Journal of Molecular Structure</i> , 2016, 1119, 413-422.	3.6	29
10	Preparation, spectral, X-ray powder diffraction and computational studies and genotoxic properties of new azo-azomethine metal chelates. <i>Journal of Molecular Structure</i> , 2014, 1076, 213-226.	3.6	28
11	Spectral, structural and quantum chemical computational and dissociation constant studies of a novel azo-enamine tautomer. <i>Journal of Molecular Structure</i> , 2014, 1074, 449-456.	3.6	26
12	Mononuclear Complexes Based on Pyrimidine Ring Azo Schiff Base Ligand: Synthesis, Characterization, Antioxidant, Antibacterial, and Thermal Investigations. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 1754-1762.	1.2	26
13	A novel azo-azomethine based fluorescent dye and its Co(II) and Cu(II) metal chelates. <i>Journal of Molecular Liquids</i> , 2014, 200, 105-114.	4.9	25
14	Multi-properties of a new azo-Schiff base and its binuclear copper(II) chelate: Preparation, spectral characterization, electrochemical, potentiometric and modeling studies. <i>Journal of Molecular Structure</i> , 2017, 1149, 520-529.	3.6	25
15	New azo-azomethine based transition metal complexes: Synthesis, spectroscopy, solid state structure, density functional theory calculations and anticancer studies. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4954.	3.5	25
16	New fluorescent azo-Schiff base Cu(II) and Zn(II) metal chelates; spectral, structural, electrochemical, photoluminescence and computational studies. <i>Journal of Molecular Structure</i> , 2017, 1137, 461-475.	3.6	23
17	New Soluble Coordination Chain Polymers of Nickel(II) and Copper(II) ions and their Biological Activity. <i>Transition Metal Chemistry</i> , 2005, 30, 765-770.	1.4	21
18	A new vic-dioxime ligand containing two azo substituents and its mononuclear nickel(II), cobalt(II), and copper(II) complexes; synthesis, characterization, spectroscopic and biological studies. <i>Transition Metal Chemistry</i> , 2008, 33, 705-710.	1.4	20

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19	A new Salen-type azo-azomethine ligand and its Ni(II), Cu(II) and Zn(II) complexes: Synthesis, spectral characterization, crystal structure and photoluminescence studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 966-973.	3.9	20
20	Synthesis of two new azo-azomethines; spectral characterization, crystal structures, computational and fluorescence studies. <i>Journal of Molecular Structure</i> , 2015, 1094, 183-194.	3.6	20
21	A novel azo-aldehyde and its Ni(II) chelate; synthesis, characterization, crystal structure and computational studies of 2-hydroxy-5-[(E)-[4-(propan-2-yl)phenyl]diazanyl]benzaldehyde. <i>Journal of Molecular Structure</i> , 2014, 1065-1066, 191-198.	3.6	19
22	Structural, computational and cytotoxic studies of square planar copper(II) complexes derived from dicyandiamide. <i>Polyhedron</i> , 2016, 117, 652-660.	2.2	19
23	Synthesis and Characterization of New Trinuclear μ_3 -Dioxime Complexes with Ni(II) and Cu(II) Ions. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2004, 34, 967-977.	1.8	18
24	TEMPLATE SYNTHESIS OF TWO NEW GLYOXIME DERIVATIVES. CHARACTERIZATION AND INVESTIGATION OF THEIR COMPLEXES WITH Ni(II), Cu(II), AND Co(II) METAL IONS. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2001, 31, 1129-1139.	1.8	16
25	Studies on mononuclear transition metal chelates derived from a novel (E, E)-dioxime: synthesis, characterization and biological activity. <i>Journal of Coordination Chemistry</i> , 2007, 60, 655-665.	2.2	16
26	The d10 Metal Chelates Derived from Schiff Base Ligands Having Silane: Synthesis, Characterization, and Antimicrobial Studies of Cadmium(II) and Zinc(II) Complexes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2006, 36, 627-631.	0.6	15
27	Synthesis and Characterisation of Some Novel Schiff Base Metal Complexes with Polyoxyethylene Glycols as Substituents. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1999, 29, 1779-1791.	1.8	13
28	Synthesis of Two New Azo Ligands Containing Polyoxyethylene Glycol and Their Complexes with Ni(H), Cu(II) and Co(II). <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1999, 29, 1353-1364.	1.8	13
29	The new O,O and N,O type ligands and their Cu(II) and Ni(II) complexes: Crystal structure, absorption-emission properties and superoxide dismutase mimetic studies. <i>Inorganica Chimica Acta</i> , 2017, 462, 130-141.	2.4	13
30	Potentiometric titrations of some azo dyes containing a hydroxy group with tetrabutylammonium hydroxide in acetonitrile. <i>Analyst, The</i> , 1994, 119, 2213-2215.	3.5	12
31	SYNTHESIS AND COMPLEX FORMATION OF DI[4-(11-CHLORO-3,6,9-TRIOXAUNDECYLOXY)PHENYLAMINO]GLYOXIME. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2001, 31, 1229-1237.	1.8	10
32	4-[(E)-Phenyldiazonyl]-2-[(E)-phenyliminomethyl]phenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3637-o3637.	0.2	10
33	Synthesis and genotoxicity of Schiff base transition metal complexes. <i>Heteroatom Chemistry</i> , 2011, 22, 119-130.	0.7	10
34	Hydrogen bond directed 1D to 3D structures of square-planar Ni(II) complexes and their antimicrobial studies. <i>Inorganica Chimica Acta</i> , 2017, 462, 281-288.	2.4	9
35	Single crystal X-ray structure and optical properties of anthraquinone-based dyes. <i>Chemical Papers</i> , 2010, 64, .	2.2	1