

Hoda A El-Ghamry

List of Publications by Year in descending order

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47
papers

1,302
citations

304701

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377849

34
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47
docs citations

47
times ranked

1053
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, spectral, antitumor and antimicrobial studies on Cu(II) complexes of purine and triazole Schiff base derivatives. <i>Journal of Molecular Structure</i> , 2013, 1049, 326-335.	3.6	132
2	Synthesis, spectroscopic, thermal and molecular modeling studies of Zn 2+ , Cd 2+ and UO 2 2+ complexes of Schiff bases containing triazole moiety. Antimicrobial, anticancer, antioxidant and DNA binding studies. <i>Materials Science and Engineering C</i> , 2018, 83, 78-89.	7.3	68
3	Ni(II), Pd(II) and Pt(II) complexes of (1H-1,2,4-triazole-3-ylimino)methyl]naphthalene-2-ol. Structural, spectroscopic, biological, cytotoxicity, antioxidant and DNA binding. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 139, 396-404.	3.9	59
4	Synthesis and characterization of Cu(II), Co(II) and Ni(II) complexes of a number of sulfadrug azodyes and their application for wastewater treatment. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 121, 180-187.	3.9	47
5	Synthesis, structural characterization and molecular modelling of bidentate azo dye metal complexes: DNA interaction to antimicrobial and anticancer activities. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4136.	3.5	45
6	2,4-dihydroxy-5-mercapto-1,2,4-triazole-3-ylimino]diazonyl]benzaldehyde acetato, chloro and nitrate Cu(II) complexes: Synthesis, structural characterization, DNA binding and anticancer and antimicrobial activity. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4707.	3.5	45
7	Synthesis, spectroscopic and DNA binding ability of Co II , Ni II , Cu II and Zn II complexes of Schiff base ligand (E)-1-(((1H-benzo[d]imidazol-2-yl)methylimino)methyl)naphthalen-2-ol. X-ray crystal structure determination of cobalt (II) complex. <i>Materials Science and Engineering C</i> , 2017, 75, 1059-1067.	7.3	44
8	Synthesis, spectroscopic characterization, DNA interaction and biological activities of Mn(II), Co(II), Ni(II) and Cu(II) complexes with [(1H-1,2,4-triazole-3-ylimino)methyl]naphthalene-2-ol. <i>Journal of Molecular Structure</i> , 2014, 1076, 251-261.	3.6	43
9	Antitumor activity of pyrrolizines and their Cu(II) complexes: Design, synthesis and cytotoxic screening with potential apoptosis-inducing activity. <i>European Journal of Medicinal Chemistry</i> , 2018, 145, 350-359.	5.5	41
10	Synthesis, structural characterization and DNA binding affinity of new bioactive nano-sized transition metal complexes with sulfathiazole azo dye for therapeutic applications. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4965.	3.5	40
11	Elaborated spectral, modeling, QSAR, docking, thermal, antimicrobial and anticancer activity studies for new nanosized metal ion complexes derived from sulfamerazine azodye. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1249-1267.	3.6	39
12	Investigation of the inhibition efficiencies of novel synthesized cobalt complexes of 1,3,4-thiadiazolethiosemicarbazone derivatives for the acidic corrosion of carbon steel. <i>Journal of Molecular Structure</i> , 2020, 1203, 127447.	3.6	38
13	Molecular docking and DFT studies on some nano-meter binuclear complexes derived from hydrazine-carbothioamide ligand, synthesis, thermal, kinetic and spectral characterization. <i>Journal of Molecular Liquids</i> , 2016, 220, 311-323.	4.9	37
14	Novel series of nanosized mono- and homobi-nuclear metal complexes of sulfathiazole azo dye ligand: Synthesis, characterization, DNA-binding affinity, and anticancer activity. <i>Inorganic Chemistry Communication</i> , 2019, 108, 107496.	3.9	37
15	Synthesis, characterization and corrosion inhibition in acid medium of histidine Schiff base complexes. <i>Applied Organometallic Chemistry</i> , 2015, 29, 117-125.	3.5	36
16	Synthesis, spectral and theoretical studies of Ni(II), Pd(II) and Pt(II) complexes of 5-mercapto-1,2,4-triazole-3-imine-2-hydroxynaphthalene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 919-929.	3.9	35
17	Density functional theory/B3LYP study of nanometric 4-(2,4-dihydroxy-5-mercapto-1,2,4-triazole-3-ylimino)benzenesulfonamide complexes: Quantitative structure-activity relationship, docking, spectral and biological investigations. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3721.	3.5	33
18	Pd(II) and Pt(II) chalcone complexes. Synthesis, spectral characterization, molecular modeling, biomolecular docking, antimicrobial and antitumor activities. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 354, 163-174.	3.9	31

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19	Coordination compounds of pyrazolone-based ligand: Design, characterization, biological evaluation, antitumor efficiency, and DNA binding evaluation supported by in silico studies. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6508.	3.5	30
20	Synthesis, structural identification, DNA interaction and biological studies of divalent Mn, Co and Ni chelates of 3-amino-5-mercapto-1,2,4-triazole azo ligand. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5678.	3.5	29
21	Synthesis, structure elucidation, DNA binding and molecular docking studies of novel copper(II) complexes of two 1,3,4-thiadiazolethiosemicarbazone derivatives. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5860.	3.5	29
22	Synthesis, structure, antiproliferative activity and molecular docking of divalent and trivalent metal complexes of 4-(3,5-diamino-1,2,4-triazole and 1-hydroxynaphthaldehyde Schiff base ligand. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4583.	3.5	27
23	Nano-synthesis, Biological Efficiency and DNA Binding Affinity of New Homo-binuclear Metal Complexes with Sulfa Azo Dye Based Ligand for Further Pharmaceutical Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 1337-1348.	3.7	27
24	Mono- and bimetallic complexes of pyrazolone based ligand: Synthesis, characterization, antitumor and molecular docking studies. <i>Journal of Molecular Structure</i> , 2022, 1249, 131607.	3.6	26
25	Nano-synthesis approach, elaborated spectral, biological activity and in silico assessment of novel nano-metal complexes based on sulfamerazine azo dye. <i>Journal of Molecular Liquids</i> , 2022, 352, 118737.	4.9	26
26	Nano-synthesis, solid-state structural characterization, and antimicrobial and anticancer assessment of new sulfafurazole azo dye-based metal complexes for further pharmacological applications. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	23
27	Novel 1,3,4-Thiadiazolethiosemicarbazones Derivatives and Their Divalent Cobalt-Complexes: Synthesis, Characterization and Their Efficiencies for Acidic Corrosion Inhibition of Carbon Steel. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 1609-1620.	3.7	22
28	Synthesis and DNA binding of novel bioactive thiazole derivatives pendent to N-phenylmorpholine moiety. <i>Bioorganic Chemistry</i> , 2020, 102, 104103.	4.1	20
29	Synthesis, Characterization, and Catalytic Activity of New Cu(II) Complexes of Schiff Base: Effective Catalysts for Decolorization of Acid Red 37 Dye Solution. <i>International Journal of Chemical Kinetics</i> , 2015, 47, 162-173.	1.6	19
30	Multi-walled carbon nanotubes decorated with Cu(II) triazole Schiff base complex for adsorptive removal of synthetic dyes. <i>Journal of Molecular Liquids</i> , 2019, 282, 515-526.	4.9	19
31	Evaluation of the Catalytic Activities of Some Synthesized Divalent and Trivalent Metal Complexes and Their Inhibition Efficiencies for the Corrosion of Mild Steel in Sulfuric Acid Medium. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 1927-1940.	3.7	18
32	Application of montmorillonite-Cu(II)ethylenediamine catalyst for the decolorization of Chromotrope 2R with H ₂ O ₂ in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 139, 130-137.	3.9	17
33	Synthesis, Structural Characterization, Molecular Modeling and DNA Binding Ability of Co(II), Ni(II), Cu(II), Zn(II), Pd(II) and Cd(II) Complexes of Benzocycloheptenone Thiosemicarbazone Ligand. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 1068-1079.	2.4	16
34	Synthesis and characterization of self-assembled coordination polymers of N-diaminomethylene-4-(3-formyl-4-hydroxy-phenylazo)-benzenesulfonamide. <i>Journal of Coordination Chemistry</i> , 2012, 65, 780-794.	2.2	14
35	Rapid, sensitive, and selective copper (II) determination using sensitive chromogenic azo dye based on sulfonamide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 247, 119103.	3.9	11
36	Nitroxoline Azo Dye Complexes as Effective Heterogeneous Catalysts for Color Removal and Degradation of Some Organic Textile Dyes. <i>International Journal of Chemical Kinetics</i> , 2017, 49, 464-476.	1.6	10

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37	Unexpected structure of enamino Pd(II) complex in comparison with Cu(II) complex: Synthesis, characterization, DNA binding and antitumor activity. <i>Inorganica Chimica Acta</i> , 2021, 516, 120117.	2.4	10
38	Evaluation of the efficiency of divalent cobalt and copper chelates based on isatin derivatives and thiosemicarbazide ligands as inhibitors for the corrosion of Sabc iron in acidic medium. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103522.	4.9	10
39	Preparation, Characterization, Biological Activity and 3D Molecular Modeling of Mn(II), Co(II), Ni(II), Cu(II), Pd(II) and Ru(III) Complexes of Some Sulfadru Schiff Bases. <i>Chinese Journal of Chemistry</i> , 2012, 30, 881-890.	4.9	9
40	Ru(III) complexes of triazole based Schiff base and azo dye ligands: An insight into the molecular structure and catalytic role in oxidative dimerization of 2-aminophenol. <i>Inorganic Chemistry Communication</i> , 2021, 129, 108616.	3.9	9
41	Hydrogen-bonded frameworks of propylenediamine-N,N ^ε -diacetic acid Pt(II) complexes, synthesis, structural characterization, and antitumor activity. <i>Journal of Coordination Chemistry</i> , 2014, 67, 943-955.	2.2	8
42	Synthesis, structural, spectroscopic, biological and catalytic activity of Co(II), Ni(II) and Cu(II) complexes of benzilic hydrazide (BH). <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 379-389.	2.2	7
43	4-[(3-Formyl-4-hydroxyphenyl)diazenyl]-N-(pyrimidin-2-yl)benzenesulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1673-o1674.	0.2	7
44	Copper(II) complexes based on 1,3,4-thiadiazolethiosemicarbazone NNS donor ligands: synthesis, molecular structure, DNA binding and <i>in silico</i> molecular docking approach. <i>Inorganic and Nano-Metal Chemistry</i> , 0, , 1-12.	1.6	5
45	Ni(II)-selective PVC membrane sensor based on 1,2,4-triazole bis Schiff base ionophore: Synthesis, characterization and application for potentiometric titration of Ni ²⁺ ions against EDTA. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103210.	4.9	2
46	Dibromido(2,3,9,10-tetramethyl-1,4,8,11-tetraazacyclotetradeca-1,3,8,10-tetraene)cobalt(III) bromide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m1378-m1379.	0.2	1
47	1-[4-(Diaminomethyleneaminosulfonyl)phenyliminomethyl]-2-naphtholateN,N-dimethylformamide disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1350-o1351.	0.2	1