

Hoda A El-Ghamry

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

814
citations

17
h-index

26
g-index

47
ext. papers

1,018
ext. citations

3.8
avg, IF

4.84
L-index

#	Paper	IF	Citations
46	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	6	4
45	Mono- and bimetallic complexes of pyrazolone based ligand: Synthesis, characterization, antitumor and molecular docking studies. <i>Journal of Molecular Structure</i> , 2022 , 1249, 131607	3.4	5
44	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> , 2021 , 15, 103522	5.9	2
43	Unexpected structure of enamionone Pd(II) complex in comparison with Cu(II) complex: Synthesis, characterization, DNA binding and antitumor activity. <i>Inorganica Chimica Acta</i> , 2021 , 516, 120117	2.7	0
42	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	4.4	4
41	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	5.9	1
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	3.1	0
39	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	3.1	9
38	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	3.1	12
37	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	3.4	21
36	Synthesis and DNA binding of novel bioactive thiazole derivatives pendent to N-phenylmorpholine moiety. <i>Bioorganic Chemistry</i> , 2020 , 102, 104103	5.1	12
35	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	3.2	11
34	2,4-Dihydroxy-5-[(5-mercapto-1H-1,2,4-triazole-3-yl)diazenyl]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	3.1	14
33	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	3.1	15
32	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	3.2	9
31	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	6	14
30	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	3.2	17

29	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	3.1	14
28	Synthesis, Structural Characterization, Molecular Modeling and DNA Binding Ability of CoII, NiII, CuII, ZnII, PdII and CdII Complexes of Benzocycloheptenone Thiosemicarbazone Ligand. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019 , 19, 1068-1079	3.2	7
27	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	6.8	35
26	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	4.7	22
25	Synthesis, spectroscopic, thermal and molecular modeling studies of Zn, Cd and UO 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	8.3	48
24	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	3.1	34
23	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	4.1	33
22	Synthesis, structure, antiproliferative activity and molecular docking of divalent and trivalent metal complexes of 4H-3,5-diamino-1,2,4-triazole and 2-hydroxynaphthaldehyde Schiff base ligand. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4583	3.1	18
21	Synthesis, spectroscopic and DNA binding ability of Co, Ni, Cu and Zn 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	8.3	33
20	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	1.4	6
19	Density functional theory/B3LYP study of nanometric 4-(2,4-dihydroxy-5-formylphen-1-ylazo)-N-(4-methylpyrimidin-2-yl)benzenesulfonamide complexes: Quantitative structure-activity relationship, docking, spectral and biological investigations. <i>Applied Organometallic Chemistry</i> , 2017 , 31, e3721	3.1	22
18	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	6	32
17	Synthesis, characterization and corrosion inhibition in acid medium of l-histidine Schiff base complexes. <i>Applied Organometallic Chemistry</i> , 2015 , 29, 117-125	3.1	27
16	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, 130-7	4.4	14
15	Synthesis, spectral and theoretical studies of Ni(II), Pd(II) and Pt(II) complexes of 5-mercapto-1,2,4-triazole-3-imine-2-hydroxynaphthaline. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 137, 919-29	4.4	29
14	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	4.4	53
13	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	1.4	12
12	Synthesis and characterization of Cu(II), Co(II) and Ni(II) complexes of a number of sulfadrag azodyes and their application for wastewater treatment. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 121, 180-7	4.4	38

11	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	3.4	35
10	Hydrogen-bonded frameworks of propylenediamine-N,N'-diacetic acid Pt(II) complexes, synthesis, structural characterization, and antitumor activity. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 943-955	1.6	8
9	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	6
8	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	3.4	101
7	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	1.6	12
6	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 Sulfadiazole Schiff Bases. <i>Chinese Journal of Chemistry</i> , 2012 , 30, 881-890	4.9	8
5	Dibromido(2,3,9,10-tetra-methyl-1,4,8,11-tetra-azacyclo-tetra-deca-1,3,8,10-tetra-ene)cobalt(III) bromide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, m1378-9		1
4	1-[4-(Diamino-methyl-eneamino-sulfon-yl)phenyl-iminiometh-yl]-2-naphtholate N,N-dimethyl-formamide disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o1350-1		1
3	4-[(3-Formyl-4-hydroxy-phen-yl)diazen-yl]-N-(pyrimidin-2-yl)benzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o1673-4		6
2	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> , e6508	3.1	5
1	Copper(II) complexes based on 1,3,4-thiadiazolethiosemicarbazone NNS donor ligands: synthesis, molecular structure, DNA binding and in silico molecular docking approach. <i>Inorganic and Nano-Metal Chemistry</i> , 1-12	1.2	1