Walaa H Mahmoud

List of Publications by Year
in descending order

44 papers	1,278 citations	331538 21 h-index	360920 35 g-index
44 all docs	44 docs citations	44 times ranked	1047 citing authors

#	Article	IF	Citations
1	Synthesis, Characterization and Biological Activity of Transition Metals Schiff Base Complexes Derived from 4,6-Diacetylresorcinol and 1,8-Naphthalenediamine. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 2339-2359.	1.9	18
2	Synthesis, structural characterization, density functional theory calculations, and antimicrobial, anticancer, and antimetastatic properties of nanosized heteroleptic complexes of cocaine/TMEDA with dâ€block metal ions. Applied Organometallic Chemistry, 2021, 35, e6441.	1.7	9
3	Heteroleptic complexes of cocaine/TMEDA with some f block metals: Synthesis, DFT studies, spectral, thermal, cytotoxicity and antimetastatic properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 229, 117938.	2.0	14
4	Nano-Azo Ligand and Its Superhydrophobic Complexes: Synthesis, Characterization, DFT, Contact Angle, Molecular Docking, and Antimicrobial Studies. Journal of Chemistry, 2020, 2020, 1-19.	0.9	6
5	A highly sensitive, selective and renewable carbon paste electrode based on a unique acyclic diamide ionophore for the potentiometric determination of lead ions in polluted water samples. RSC Advances, 2020, 10, 17552-17560.	1.7	20
6	Metal complexes of tetradentate azoâ€dye ligand derived from 4,4â€²â€oxydianiline: Preparation, structural investigation, biological evaluation and MOE studies. Applied Organometallic Chemistry, 2020, 34, e5883.	1.7	12
7	Metal complexes of ferrocenyl-substituted Schiff base: Preparation, characterization, molecular structure, molecular docking studies, and biological investigation. Journal of Organometallic Chemistry, 2020, 917, 121113.	0.8	32
8	Transition metal complexes of Schiff base ligand based on 4,6â€diacetyl resorcinol. Applied Organometallic Chemistry, 2020, 34, e5528.	1.7	27
9	Structural characterization, thermal, DFT, cytotoxicity, and antimetastatic properties of cocaine complexes with La(III), Er(III), and Yb(III). Research on Chemical Intermediates, 2020, 46, 3193-3216.	1.3	15
10	Cyclometalated complexes containing ferrocenyl Schiff base: Preparation, characterization, DFT calculations, application in cancer and biological researches and MOE studies. Arabian Journal of Chemistry, 2020, 13, 5390-5405.	2.3	17
11	Synthesis, spectral, MOE and cytotoxic studies of nano Ru (III), Pr (III) and Gd (III) metal complexes with new Schiff base ligand based on dibenzoyl methane and anthranilic acid. Applied Organometallic Chemistry, 2020, 34, e5801.	1.7	7
12	Theoretical studies of new Schiff base ligand derived from 1,3â€diaminopropane and 2â€acetyl ferrocene and studying some applications of its metal complexes. Applied Organometallic Chemistry, 2019, 33, e5143.	1.7	8
13	Construction and characterization of nano iron complex ionophore for electrochemical determination of Fe(III) in pure and various real water samples. Applied Organometallic Chemistry, 2019, 33, e5206.	1.7	10
14	Physicochemical characterization of nanobidentate ferroceneâ€based Schiff base ligand and its coordination complexes: Antimicrobial, anticancer, density functional theory, and molecular operating environment studies. Journal of the Chinese Chemical Society, 2019, 66, 945-959.	0.8	12
15	Synthesis, characterization of Schiff base metal complexes and their biological investigation. Applied Organometallic Chemistry, 2019, 33, e5048.	1.7	106
16	Inner metal complexes of tetradentate Schiff base: Synthesis, characterization, biological activity and molecular docking studies. Applied Organometallic Chemistry, 2019, 33, e4945.	1.7	66
17	Spectroscopic, textural, electrical and magnetic properties of antimicrobial nano Fe(III) Schiff base complex. Applied Organometallic Chemistry, 2019, 33, e4844.	1.7	3
18	Transition metal complexes of nano bidentate organometallic Schiff base: Preparation, structure characterization, biological activity, DFT and molecular docking studies. Applied Organometallic Chemistry, 2019, 33, e4556.	1.7	29

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19	Synthesis, characterization, theoretical study and biological activity of Schiff base nanomaterial analogues. Journal of Molecular Structure, 2019, 1181, 645-659.	1.8	19
20	Structural Characterization, Thermal Analyses, Antiproliferative and Antimicrobial Activity of Cocaine Complexes with Mn(II) and Cu(II). Egyptian Journal of Chemistry, 2019, .	0.1	2
21	Synthesis, characterization, density functional theory, Xâ€ray study, thermal stability, and biological and MOE relevance of metal complexes of griseofulvin. Applied Organometallic Chemistry, 2018, 32, e4312.	1.7	3
22	Azo dye with nitrogen donor sets of atoms and its metal complexes: Synthesis, characterization, DFT, biological, anticancer and Molecular docking studies. Applied Organometallic Chemistry, 2018, 32, e4347.	1.7	18
23	Metal complexes of novel Schiff base derived from iron sandwiched organometallic and 4â€nitroâ€1,2â€phenylenediamine: Synthesis, characterization, DFT studies, antimicrobial activities and molecular docking. Applied Organometallic Chemistry, 2018, 32, e4289.	1.7	39
24	Coordination compounds of some transition metal ions with new Schiff base ligand derived from dibenzoyl methane. Structural characterization, thermal behavior, molecular structure, antimicrobial, anticancer activity and molecular docking studies. Applied Organometallic Chemistry, 2018, 32, e4051.	1.7	37
25	Synthesis, characterization, spectroscopic and theoretical studies of transition metal complexes of new nano Schiff base derived from <scp>l</scp>â€histidine and 2â€acetylferrocene and evaluation of biological and anticancer activities. Applied Organometallic Chemistry, 2018, 32, e4386.	1.7	25
26	Metal complexes of novel Schiff base derived from the condensation of 2â€quinoline carboxaldehyde and ambroxol drug with some transition metal ions. Applied Organometallic Chemistry, 2018, 32, e4392.	1.7	18
27	Synthesis, physicochemical characterization, geometric structure and molecular docking of new biologically active ferrocene based Schiff base ligand with transition metal ions. Applied Organometallic Chemistry, 2017, 31, e3858.	1.7	20
28	Preparation, characterization, biological activity, density functional theory calculations and molecular docking of chelates of diazo ligand derived from mâ€phenylenediamine and pâ€chlorophenol. Applied Organometallic Chemistry, 2017, 31, e3753.	1.7	21
29	New nanobidentate Schiff base ligand of 2-aminophenol with 2-acetyl ferrocene with some lanthanide metal ions: synthesis, characterization and Hepatitis A, B, C and breast cancer docking studies. Journal of Coordination Chemistry, 2017, 70, 3552-3574.	0.8	21
30	Mixed ligand complexes of the novel nanoferrocene based Schiff base ligand (HL): Synthesis, spectroscopic characterization, MOE studies and antimicrobial/anticancer activities. Journal of Organometallic Chemistry, 2017, 848, 288-301.	0.8	19
31	Spectroscopic characterization, thermal, antimicrobial and molecular docking studies on nano-size mixed ligand complexes based on sudan III azodye and 1,10-phenanthroline. Journal of Thermal Analysis and Calorimetry, 2017, 130, 2167-2184.	2.0	13
32	New bioactive Pt(II) binary and ternary metal complexes with guaifenesin drug: Synthesis, geometrical structure, and spectroscopic and thermal characterization. Applied Organometallic Chemistry, 2017, 31, e3583.	1.7	12
33	Preparation, geometric structure, molecular docking thermal and spectroscopic characterization of novel Schiff base ligand and its metal chelates. Journal of Thermal Analysis and Calorimetry, 2017, 127, 2149-2171.	2.0	53
34	Spectroscopic and thermal characterization of biologically and anticancer active novel Schiff base metal complexes. Research on Chemical Intermediates, 2016, 42, 7869-7907.	1.3	21
35	Synthesis, characterization and in vitro antimicrobial and antiâ€breast cancer activity studies of metal complexes of novel pentadentate azo dye ligand. Applied Organometallic Chemistry, 2016, 30, 959-973.	1.7	56
36	Novel Schiff base ligand and its metal complexes with some transition elements. Synthesis, spectroscopic, thermal analysis, antimicrobial and in vitro anticancer activity. Applied Organometallic Chemistry, 2016, 30, 221-230.	1.7	109

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37	Synthesis, spectral characterization, thermal, anticancer and antimicrobial studies of bidentate azo dye metal complexes. Journal of Thermal Analysis and Calorimetry, 2016, 124, 1071-1089.	2.0	44
38	Ternary metal complexes of guaifenesin drug: Synthesis, spectroscopic characterization and in vitro anticancer activity of the metal complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 150, 451-460.	2.0	25
39	Supramolecular structural, thermal properties and biological activity of 3-(2-methoxyphenoxy)propane-1,2-diol metal complexes. Journal of Molecular Structure, 2015, 1086, 266-275.	1.8	29
40	Synthesis, spectroscopic, thermogravimetric and antimicrobial studies of mixed ligands complexes. Journal of Molecular Structure, 2015, 1095, 15-25.	1.8	41
41	Synthesis, structural characterization, in vitro antimicrobial and anticancer activity studies of ternary metal complexes containing glycine amino acid and the anti-inflammatory drug lornoxicam. Journal of Molecular Structure, 2015, 1082, 12-22.	1.8	46
42	Coordination modes of bidentate lornoxicam drug with some transition metal ions. Synthesis, characterization and in vitro antimicrobial and antibreastic cancer activity studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 122, 598-608.	2.0	63
43	Ligational behaviour of lomefloxacin drug towards Cr(III), Mn(II), Fe(III), Co(II), Ni(II), Cu(II), Zn(II), Th(IV) and UO2(VI) ions: Synthesis, structural characterization and biological activity studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 82, 8-19.	2.0	72
44	Synthesis and characterization of mixed ligand complexes of lomefloxacin drug and glycine with transition metals. Antibacterial, antifungal and cytotoxicity studies. Journal of Molecular Structure, 2011, 999, 29-38.	1.8	41