

Abdalla M Khedr

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	¹ ¹ H NMR, IR and UV/VIS Spectroscopic Studies of Some Schiff Bases Derived from 2-Aminobenzothiazole and 2-Amino-3-Hydroxypyridine. Journal of the Chinese Chemical Society, 2008, 55, 14875-884.	1.4	106
2	Elaborated studies on nano-sized homo-binuclear Mn(II), Fe(III), Co(II), Ni(II), and Cu(II) complexes derived from N2O2 Schiff base, thermal, molecular modeling, drug-likeness, and spectral. Journal of Thermal Analysis and Calorimetry, 2016, 123, 731-743.	3.6	56
3	Characterization and thermal studies of nano-synthesized Mn(II), Co(II), Ni(II) and Cu(II) complexes with adipohydrazone ligand as new promising antimicrobial and antitumor agents. Applied Organometallic Chemistry, 2017, 31, e3885.	3.5	43
4	Elaborated spectral, modeling, QSAR, docking, thermal, antimicrobial and anticancer activity studies for new nanosized metal ion complexes derived from sulfamerazine azodye. Journal of Thermal Analysis and Calorimetry, 2018, 131, 1249-1267.	3.6	39
5	Synthesis of new Cu(II)-benzohydrazide nanometer complexes, spectral, modeling, CT-DNA binding with potential anti-inflammatory and anti-allergic theoretical features. Materials Science and Engineering C, 2019, 96, 740-756.	7.3	39
6	Novel series of nanosized mono- and homobi-nuclear metal complexes of sulfathiazole azo dye ligand: Synthesis, characterization, DNA-binding affinity, and anticancer activity. Inorganic Chemistry Communication, 2019, 108, 107496.	3.9	37
7	Synthesis, characterization, thermal, and antimicrobial studies of binuclear metal complexes of sulfa-guanidine Schiff bases. Journal of Coordination Chemistry, 2009, 62, 1859-1870.	2.2	36
8	Synthesis, Structural Characterization, and Antimicrobial Activities of Mn(II), Co(II), Ni(II), Cu(II) and Zn(II) Complexes of Triazole-based Azodyes. Chinese Journal of Chemistry, 2011, 29, 1124-1132.	4.9	36
9	Deliberate-Characterization for Ni(II)-Schiff Base Complexes: Promising In-Vitro Anticancer Feature that Matched MOE Docking-Approach. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 3277-3293.	3.7	35
10	Density functional theory/B3LYP study of nanometric 4-(2,4-dihydroxy-5-formylphenylazo)-N-(4-methylpyrimidin-2-yl)benzenesulfonamide complexes; Quantitative structure-activity relationship, docking, spectral and biological investigations. Applied Organometallic Chemistry, 2017, 31, e3721.	3.5	33
11	Synthesis of Pyrazolone Derivatives and Their Nanometer Ag(I) Complexes and Physicochemical, DNA Binding, Antitumor, and Theoretical Implementations. Bioinorganic Chemistry and Applications, 2018, 1-15.	4.1	27
12	Nano-synthesis, Biological Efficiency and DNA Binding Affinity of New Homo-binuclear Metal Complexes with Sulfa Azo Dye Based Ligand for Further Pharmaceutical Applications. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 1337-1348.	3.7	27
13	Synthesis and Elucidation for New Nanosized Cr(III)-Pyrazolin Complexes; Crystal Surface Properties, Antitumor Simulation Studies Beside Practical Apoptotic Path. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 4142-4154.	3.7	27
14	Synthesis, spectroscopic, and thermal analyses of trinuclear Mn(II), Co(II), Ni(II), and Zn(II) complexes with some sulfa derivatives. Journal of Coordination Chemistry, 2010, 63, 1418-1429.	2.2	26
15	Nano-synthesis approach, elaborated spectral, biological activity and in silico assessment of novel nano-metal complexes based on sulfamerazine azo dye. Journal of Molecular Liquids, 2022, 352, 118737.	4.9	26
16	Synthesis of novel VO (II)-thiazole complexes; spectral, conformational characterization, MOE-docking and genotoxicity. Applied Organometallic Chemistry, 2019, 33, e5095.	3.5	25
17	Synthesis, Characterization for New Nanometric VO(II)-Thioacetanilide Complexes by, Spectral, Thermal, Molecular Computations and DNA Interaction Study Beside Promising Antitumor Activity. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 1606-1624.	3.7	25
18	Nano-synthesis, characterization, modeling and molecular docking analysis of Mn (II), Co (II), Cr (III) and Cu (II) complexes with azo pyrazolone ligand as new favorable antimicrobial and antitumor agents. Applied Organometallic Chemistry, 2018, 32, e4606.	3.5	24

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19	Synthesis and characterization for novel Cu(II)-thiazole complexes-dyes and their usage in dyeing cotton to be special bandage for cancerous wounds. <i>Journal of Molecular Structure</i> , 2019, 1194, 86-103.	3.6	23
20	Synthesis and Structural Elucidation for New Schiff Base Complexes; Conductance, Conformational, MOE-Docking and Biological Studies. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 3595-3607.	3.7	23
21	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
22	Synthesis, structural characterization, and antimicrobial efficiency of sulfadiazine azo-azomethine dyes and their bi-homonuclear uranyl complexes for chemotherapeutic use. <i>Turkish Journal of Chemistry</i> , 2015, 39, 267-280.	1.2	22
23	Electrochemical Degradation of Reactive Yellow 160 Dye in Real Wastewater Using C/PbO ₂ , PbO ₂ /Sn/PbO ₂ , and Pb/PbO ₂ Modified Electrodes. <i>Journal of Chemistry</i> , 2013, 2013, 1-9.	1.9	21
24	Greener solid state synthesis of nano-sized mono and homo bi-nuclear Ni(II), Co(II), Mn(II), Hg(II), Cd(II) and Zn(II) complexes with new sulfa ligand as a potential antitumour and antimicrobial agents. <i>Journal of Molecular Liquids</i> , 2017, 231, 572-579.	4.9	21
25	Binuclear Mixed Metal Complexes of V(IV), Mo(III), and U(VI) o-cresolphthalein Complexonates with Other Metal Ions. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2004, 34, 1087-1104.	1.8	20
26	Synthesis, Structure, and Electrochemistry of Sm-Modified LiMn ₂ O ₄ Cathode Materials for Lithium-Ion Batteries. <i>Journal of Electronic Materials</i> , 2013, 42, 1275-1281.	2.2	19
27	Spectrophotometric Studies of the Reaction of Zinc(II) with Some Azo-Triazol Compounds and Its Application to the Spectrophotometric Determination of Microamounts of Zinc(II). <i>Spectroscopy Letters</i> , 2005, 38, 431-445.	1.0	17
28	Synthesis, spectral analysis, and molecular modeling of bioactive Sn(II)-complexes with oxadiazole Schiff bases. <i>Journal of Coordination Chemistry</i> , 2011, 64, 1351-1359.	2.2	15
29	Green synthesis approach for novel benzenesulfonamide nanometer complexes with elaborated spectral, theoretical and biological treatments. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4460.	3.5	15
30	Synthesis, spectral, thermal analyses, molecular modeling, and antimicrobial activities of Cu(II)-complexes with 1,3,4-oxadiazole Schiff-base derivatives. <i>Journal of Coordination Chemistry</i> , 2011, 64, 851-862.	2.2	12
31	Structure elucidation, protein profile and the antitumor effect of the biological active substance extracted from sea cucumber <i>Holothuria polii</i> . <i>Toxicology and Industrial Health</i> , 2015, 31, 1-8.	1.4	12
32	Designed Anticancer Agent from VO(II) Complexes: Spectroscopic Characterization, Structural Optimization, and In Vitro and In Silico Assays towards Breast Cancer. <i>ChemistrySelect</i> , 2020, 5, 14091-14099.	1.5	12
33	Docking Approach to Predict Inhibition Activity of New Pt(II) Complexes Against Kinase Protein and Human DNA: Full Characterization, HF-FC Modeling and Genotoxicity. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 907-922.	3.7	11
34	Potentiometric Determination of Alkyl Dimethyl Hydroxyethyl Ammonium Surfactant by a New Chemically Modified Carbon Past Electrode. <i>Journal of Surfactants and Detergents</i> , 2014, 17, 183-190.	2.1	10
35	Elaborated spectral analysis and modeling calculations on Co(II), Ni(II), Cu(II), Pd(II), Pt(II), and Pt(IV) nanoparticles complexes with simple thiourea derivative. <i>Journal of Coordination Chemistry</i> , 2015, 68, 993-1009.	2.2	9
36	Mononuclear and homobinuclear vanadium(IV), chromium(III), molybdenum(III), and uranium(VI) chelates with ortho-cresolphthalein complexone. <i>Journal of Coordination Chemistry</i> , 2004, 57, 1179-1190.	2.2	8

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37	Synthesis, characterization, molecular modeling, and thermal analyses of bioactive Co(II) and Cu(II) complexes with diacetylmonoxime and different amines. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1672-1684.	2.2	8
38	Synthesis and characterization for new Zn(II) complexes and their optimizing fertilization performance in planting corn hybrid. <i>Chemical Papers</i> , 2021, 75, 2121-2133.	2.2	8
39	Synthesis, Spectral and Thermal Analyses of Novel Bi- and Polyhomonuclear Complexes of Pyrimidine Bisazo-dianil Derivatives. <i>Chinese Journal of Chemistry</i> , 2010, 28, 463-470.	4.9	6
40	Investigation of 3-amino-1,2,4-triazole azodye derivatives as reagents for determination of mercury(II). <i>Chemical Papers</i> , 2008, 62, .	2.2	5
41	Synthesis, effect of γ -ray and electrical conductivity of uranium doped nano LiMn ₂ O ₄ spinels for applications as positive electrodes in Li-ion rechargeable batteries. <i>Materials Science-Poland</i> , 2014, 32, 571-577.	1.0	5
42	Ultrasound-assisted dispersive microsolid-phase extraction approach for preconcentration of trace cobalt and nickel and sensitive determination in water, food and tobacco samples by flame atomic absorption spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-15.	3.3	3
43	Solid state synthesis, fast and thermal neutrons irradiations effects, DC-electrical conductivity of La ³⁺ , Zr ⁴⁺ double doped Nano lithium manganates for applications in Li-ion batteries. <i>Journal of Molecular Liquids</i> , 2017, 225, 863-868.	4.9	1