

Abdalla M Khedr

List of Publications by Year in descending order

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papers

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Synthesis and Elucidation for New Nanosized Cr(III)-Pyrazolin Complexes; Crystal Surface Properties, Antitumor Simulation Studies Beside Practical Apoptotic Path. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 4142-4154. | 3.7 | 27 |
| 7 | 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 |
| 8 | Deliberate-Characterization for Ni(II)-Schiff Base Complexes: Promising In-Vitro Anticancer Feature that Matched MOE Docking-Approach. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 3277-3293. | 3.7 | 35 |
| 9 | 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 |
| 10 | Synthesis of novel VO (II)-thiazole complexes; spectral, conformational characterization, MOE-docking and genotoxicity. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5095. | 3.5 | 25 |
| 11 | 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 |
| 12 | Synthesis, Characterization for New Nanometric VO(II)-Thioacetanilide Complexes by, Spectral, Thermal, Molecular Computations and DNA Interaction Study Beside Promising Antitumor Activity. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 1606-1624. | 3.7 | 25 |
| 13 | 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 |
| 14 | Synthesis of new Cu(II)-benzohydrazide nanometer complexes, spectral, modeling, CT-DNA binding with potential anti-inflammatory and anti-allergic theoretical features. <i>Materials Science and Engineering C</i> , 2019, 96, 740-756. | 7.3 | 39 |
| 15 | 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 |
| 16 | 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. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4606. | 3.5 | 24 |
| 17 | Synthesis of Pyrazolone Derivatives and Their Nanometer Ag(I) Complexes and Physicochemical, DNA Binding, Antitumor, and Theoretical Implementations. <i>Bioinorganic Chemistry and Applications</i> , 2018, 1-15. | 4.1 | 27 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3885. | 3.5 | 43 |
| 22 | Density functional theory/B3LYP study of nanometric 4-(2,4-dihydroxy-5-formylphenyl)azo-N-(4-methylpyrimidin-2-yl)benzenesulfonamide complexes; Quantitative structure-activity relationship, docking, spectral and biological investigations. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3721. | 3.5 | 33 |
| 23 | Elaborated studies on nano-sized homo-binuclear Mn(II), Fe(III), Co(II), Ni(II), and Cu(II) complexes derived from N ₂ O ₂ Schiff base, thermal, molecular modeling, drug-likeness, and spectral. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 731-743. | 3.6 | 56 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | Synthesis, effect of ¹³⁷ Cs-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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | Synthesis, Structural Characterization, and Antimicrobial Activities of Mn(II), Co(II), Ni(II), Cu(II) and Zn(II) Complexes of Triazole-based Azodyes. <i>Chinese Journal of Chemistry</i> , 2011, 29, 1124-1132. | 4.9 | 36 |
| 34 | 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 |
| 35 | 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 |
| 36 | Synthesis, spectroscopic, and thermal analyses of trinuclear Mn(II), Co(II), Ni(II), and Zn(II) complexes with some sulfa derivatives. <i>Journal of Coordination Chemistry</i> , 2010, 63, 1418-1429. | 2.2 | 26 |

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|----|---|-----|-----------|
| 37 | Synthesis, characterization, thermal, and antimicrobial studies of binuclear metal complexes of sulfa-guanidine Schiff bases. <i>Journal of Coordination Chemistry</i> , 2009, 62, 1859-1870. | 2.2 | 36 |
| 38 | 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 |
| 39 | ¹ H NMR, IR and UV/VIS Spectroscopic Studies of Some Schiff Bases Derived from 2-Aminobenzothiazole and 3-Hydroxypyridine. <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 1.4 875-884. | 1.4 | 106 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |