

Gehad Genidy Mohamed

List of Publications by Year
in descending order

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Version: 2024-02-01

220
papers

6,553
citations

66343
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106344
65
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221
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221
docs citations

221
times ranked

4223
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Utilization of bagasse waste for production of AC and AC/Fe ₃ O ₄ composite for removal of dye from wastewater. Biomass Conversion and Biorefinery, 2023, 13, 1127-1141. | 4.6 | 3 |
| 2 | Synthesis, spectroscopic characterization, and thermal studies of novel Schiff base complexes: theoretical simulation studies on coronavirus (COVID-19) using molecular docking. Journal of the Iranian Chemical Society, 2022, 19, 901-919. | 2.2 | 18 |
| 3 | Can One Novel Series of Transition Metal Complexes of Oxy-dianiline Schiff Base Afford Advances in Both Biological Inorganic Chemistry and Materials Science?. Comments on Inorganic Chemistry, 2022, 42, 1-46. | 5.2 | 19 |
| 4 | Preparation, spectroscopic characterization and antitumor-antimicrobial studies of some Schiff base transition and inner transition mixed ligand complexes. Journal of Molecular Structure, 2022, 1249, 131612. | 3.6 | 22 |
| 5 | Synthesis, spectroscopic characterization, density functional, thermal studies, and molecular docking simulation of rare earth element complexes. Applied Organometallic Chemistry, 2022, 36, e6476. | 3.5 | 4 |
| 6 | Synthesis, theoretical study, molecular docking and biological activity of nano tridentate (E)-2-((3-hydroxyphenyl)methyl)phenol metal complexes. Inorganic Chemistry Communication, 2022, 137, 109193. | 3.9 | 6 |
| 7 | Antitumor activity of new water-soluble thiadiazole derivatives: Spectroscopic, DFT, and molecular docking studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 272, 120971. | 3.9 | 8 |
| 8 | Antibacterial and anticorrosion behavior of bioactive complexes of selected transition metal ions with new 2-acetylpyridine Schiff base. Applied Organometallic Chemistry, 2022, 36, . | 3.5 | 19 |
| 9 | Synthesis, spectral characterization, antimicrobial evaluation and molecular docking studies on new metal complexes of novel Schiff base derived from 4,6-dihydroxy-1,3-phenylenediethanone. Journal of Molecular Structure, 2022, 1256, 132496. | 3.6 | 18 |
| 10 | Bioactive La(III), Er(III), Yb(III), Ru(III), and Ta(V) complexes of new organometallic Schiff base: Preparation, structural characterization, antibacterial, anticancer activities, and MOE studies. Applied Organometallic Chemistry, 2022, 36, . | 3.5 | 12 |
| 11 | Development of Ag@ dendrites @Cu nanostructure for removal of selenium (IV) from aqueous solution. Water Environment Research, 2022, 94, e10713. | 2.7 | 4 |
| 12 | Structural characterization, spectroscopic studies, and molecular docking studies on metal complexes of new hexadentate cyclic peptide ligand. Applied Organometallic Chemistry, 2022, 36, . | 3.5 | 7 |
| 13 | Development of Chromium(III) Selective Potentiometric Sensors for Its Determination in Petroleum Water Samples Using Synthesized Nano Schiff Base Complex as an Ionophore. Journal of AOAC INTERNATIONAL, 2022, 105, 727-738. | 1.5 | 3 |
| 14 | Synthesis, Spectroscopic, Structural and Molecular Docking Studies of Some New Nano-Sized Ferrocene-Based Imine Chelates as Antimicrobial and Anticancer Agents. Materials, 2022, 15, 3678. | 2.9 | 17 |
| 15 | Antimicrobial and Bioinformatic Modelling Studies of Isatin Mixed Ligand and Some Ternary Chelates. ChemistrySelect, 2022, 7, . | 1.5 | 1 |
| 16 | Can New Series of Half-sandwich Lanthanum(III), Erbium(III), and Ytterbium(III) Complexes of Organometallic Ferrocenyl Schiff Base Ligands Display Biological Activities as Antibacterial and Anticancer Drugs?. Comments on Inorganic Chemistry, 2022, 42, 368-401. | 5.2 | 10 |
| 17 | Design, Structural Inspection and Bio-Medicinal Applications of Some Novel Imine Metal Complexes Based on Acetylferrocene. Materials, 2022, 15, 4842. | 2.9 | 16 |
| 18 | Newly synthesized lanthanides complexes of ferrocene-based Schiff base with high biological activities and improved molecular docking data. Journal of Organometallic Chemistry, 2022, 977, 122450. | 1.8 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Characterization of Superparamagnetic/Monodisperse PEG-Coated Magnetite Nanoparticles Sonochemically Prepared from the Hematite Ore for Cd(II) Removal from Aqueous Solutions. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 397-414. | 3.7 | 17 |
| 20 | Chemically modified copper potentiometric sensors based on curcumin and amino acid. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 651-660. | 2.2 | 5 |
| 21 | Preparation, Characterization of Novel Cadmium-Based Metal-Organic Framework for Using as a Highly Selective and Sensitive Modified Carbon Paste Electrode in Determination of Cu(II) Ion. <i>Comments on Inorganic Chemistry</i> , 2021, 41, 189-212. | 5.2 | 16 |
| 22 | Synthesis, Characterization and Biological Activity of Transition Metals Schiff Base Complexes Derived from 4,6-Diacetylresorcinol and 1,8-Naphthalenediamine. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 2339-2359. | 3.7 | 18 |
| 23 | Potentiometric Determination of the Al(III) Ion in Polluted Water and Pharmaceutical Samples by a Novel Mesoporous Copper Metal-Organic Framework-Modified Carbon Paste Electrode. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 2374-2387. | 3.7 | 22 |
| 24 | Synthesis, characterization, antimicrobial, and MOE evaluation of nano 1,2,4-triazole-based Schiff base ligand with some d-block metal ions. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6219. | 3.5 | 16 |
| 25 | Theoretical and experimental investigations of new bis (amino triazole) schiff base ligand: Preparation of its UO ₂ (II), Er (III), and La (III) complexes, studying of their antibacterial, anticancer, and molecular docking. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6292. | 3.5 | 25 |
| 26 | Gliclazide charge transfer complexes with some benzoquinone acceptors: Synthesis, structural characterization, thermal analyses, DFT studies, evaluation of anticancer activity and utility for determination of gliclazide in pure and dosage forms. <i>Journal of Molecular Structure</i> , 2021, 1234, 130153. | 3.6 | 16 |
| 27 | Hybrid Nanocomposite Based Graphene Sensor for Ultrasensitive Clomipramine HCl Detection. <i>Electroanalysis</i> , 2021, 33, 2361-2371. | 2.9 | 6 |
| 28 | Synthesis, structural characterization, density functional theory calculations, and antimicrobial, anticancer, and antimetastatic properties of nanosized heteroleptic complexes of cocaine/TMEDA with d-block metal ions. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6441. | 3.5 | 9 |
| 29 | Design and construction of an electrochemical sensor for the determination of cerium(III) ions in petroleum water samples based on a Schiff base-carbon nanotube as an ionophore. <i>RSC Advances</i> , 2021, 12, 94-103. | 3.6 | 2 |
| 30 | Heteroleptic complexes of cocaine/TMEDA with some f block metals: Synthesis, DFT studies, spectral, thermal, cytotoxicity and antimetastatic properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117938. | 3.9 | 14 |
| 31 | Nano-Azo Ligand and Its Superhydrophobic Complexes: Synthesis, Characterization, DFT, Contact Angle, Molecular Docking, and Antimicrobial Studies. <i>Journal of Chemistry</i> , 2020, 2020, 1-19. | 1.9 | 6 |
| 32 | Simultaneous determination of some antidepressant drugs and vitamin B12 in pharmaceutical products and urine sample using HPLC method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1150, 122178. | 2.3 | 12 |
| 33 | Spectroscopic studies, Density Functional Theory calculations, and nonlinear optical properties of binuclear Fe(III), Co(II), Ni(II), Cu(II), and Zn(II) complexes of OONN Schiff base ligand. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 1783-1793. | 1.4 | 11 |
| 34 | 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. <i>RSC Advances</i> , 2020, 10, 17552-17560. | 3.6 | 20 |
| 35 | Metal complexes of tetradentate azo-dye ligand derived from 4,4'-oxydianiline: Preparation, structural investigation, biological evaluation and MOE studies. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5883. | 3.5 | 12 |
| 36 | Synthesis, Spectroscopic Characterization, Molecular Docking, and Evaluation of Antibacterial Potential of Transition Metal Complexes Obtained Using Triazole Chelating Ligand. <i>Journal of Chemistry</i> , 2020, 2020, 1-12. | 1.9 | 15 |

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|----|---|-----|-----------|
| 37 | Metal complexes of ferrocenyl-substituted Schiff base: Preparation, characterization, molecular structure, molecular docking studies, and biological investigation. <i>Journal of Organometallic Chemistry</i> , 2020, 917, 121113. | 1.8 | 32 |
| 38 | Removal of anionic and cationic dyes from wastewater by adsorption using multiwall carbon nanotubes. <i>Arabian Journal of Chemistry</i> , 2020, 13, 4797-4810. | 4.9 | 115 |
| 39 | Transition metal complexes of Schiff base ligand based on 4,6-diacyetyl resorcinol. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5528. | 3.5 | 27 |
| 40 | Influence of organic modifier structures of 2D clay layers on thermal stability, flammability and mechanical properties of their rubber nanocomposites. <i>Journal of Nanostructure in Chemistry</i> , 2020, 10, 161-168. | 9.1 | 17 |
| 41 | Structural characterization, thermal, DFT, cytotoxicity, and antimetastatic properties of cocaine complexes with La(III), Er(III), and Yb(III). <i>Research on Chemical Intermediates</i> , 2020, 46, 3193-3216. | 2.7 | 15 |
| 42 | Cyclometalated complexes containing ferrocenyl Schiff base: Preparation, characterization, DFT calculations, application in cancer and biological researches and MOE studies. <i>Arabian Journal of Chemistry</i> , 2020, 13, 5390-5405. | 4.9 | 17 |
| 43 | 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. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5801. | 3.5 | 7 |
| 44 | Theoretical studies of new Schiff base ligand derived from 1,3-diaminopropane and 2-acetyl ferrocene and studying some applications of its metal complexes. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5143. | 3.5 | 8 |
| 45 | Modified Screen-Printed and Carbon Paste as Ion-Selective Electrodes for the Determination of Ramipril Drug in Pharmaceutical and Biological Samples. <i>Analytical Chemistry Letters</i> , 2019, 9, 311-328. | 1.0 | 1 |
| 46 | A nanoparticle modified carbon paste sensor for electrochemical determination of the antidepressant agent vilazodone. <i>Journal of Electroanalytical Chemistry</i> , 2019, 848, 113305. | 3.8 | 10 |
| 47 | Comparative study between two fabricated potentiometric sensors to enhance selectivity towards ferrous ions. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5107. | 3.5 | 4 |
| 48 | Structural, spectroscopic, molecular docking, thermal and DFT studies on metal complexes of bidentate orthoquinone ligand. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5065. | 3.5 | 23 |
| 49 | Construction and characterization of nano iron complex ionophore for electrochemical determination of Fe(III) in pure and various real water samples. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5206. | 3.5 | 10 |
| 50 | Physicochemical characterization of nanobidentate ferrocene-based Schiff base ligand and its coordination complexes: Antimicrobial, anticancer, density functional theory, and molecular operating environment studies. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 945-959. | 1.4 | 12 |
| 51 | Synthesis, characterization of Schiff base metal complexes and their biological investigation. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5048. | 3.5 | 106 |
| 52 | Polymer complexes. LXXVII. Synthesis, characterization, spectroscopic studies and immune response in cattle of quinoline polymer complexes. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4973. | 3.5 | 37 |
| 53 | Inner metal complexes of tetradentate Schiff base: Synthesis, characterization, biological activity and molecular docking studies. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4945. | 3.5 | 66 |
| 54 | Ion selective electrodes based on methyl 6-(hydroxymethyl) picolinate ionophore for electrochemical determination of Fe(III) in petroleum water samples. <i>Egyptian Journal of Petroleum</i> , 2019, 28, 233-239. | 2.6 | 3 |

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|----|---|-----|-----------|
| 55 | Antibacterial, DFT and molecular docking studies of metformin complex as active material for the fabrication of copper (II) selective potentiometric sensor. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4986. | 3.5 | 9 |
| 56 | Photodegradation of organic dyes by PAN/SiO ₂ -TiO ₂ -NH ₂ nanofiber membrane under visible light. <i>Separation and Purification Technology</i> , 2019, 224, 509-514. | 7.9 | 59 |
| 57 | A novel and highly efficient photocatalytic degradation of malachite green dye via surface modified polyacrylonitrile nanofibers/biogenic silica composite nanofibers. <i>Separation and Purification Technology</i> , 2019, 210, 935-942. | 7.9 | 100 |
| 58 | Transition metal complexes of nano bidentate organometallic Schiff base: Preparation, structure characterization, biological activity, DFT and molecular docking studies. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4556. | 3.5 | 29 |
| 59 | Photocatalytic degradation of anthracene in aqueous dispersion of metal oxides nanoparticles: Effect of different parameters. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 371, 327-335. | 3.9 | 21 |
| 60 | Synthesis, characterization, theoretical study and biological activity of Schiff base nanomaterial analogues. <i>Journal of Molecular Structure</i> , 2019, 1181, 645-659. | 3.6 | 19 |
| 61 | Coordination behaviour, molecular docking, density functional theory calculations and biological activity studies of some transition metal complexes of bis-Schiff base ligand. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4525. | 3.5 | 20 |
| 62 | Synthesis, characterization, density functional theory, X-ray study, thermal stability, and biological and MOE relevance of metal complexes of griseofulvin. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4312. | 3.5 | 3 |
| 63 | Azo dye with nitrogen donor sets of atoms and its metal complexes: Synthesis, characterization, DFT, biological, anticancer and Molecular docking studies. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4347. | 3.5 | 18 |
| 64 | Metal complexes of novel Schiff base derived from iron sandwiched organometallic and 4-nitro-1,2-phenylenediamine: Synthesis, characterization, DFT studies, antimicrobial activities and molecular docking. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4289. | 3.5 | 39 |
| 65 | Synthesis, spectroscopic, thermal analyses, biological activity and molecular docking studies on mixed ligand complexes derived from Schiff base ligands and 2,6-pyridine dicarboxylic acid. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4176. | 3.5 | 10 |
| 66 | Spectroscopic, thermal, biological activity, molecular docking and density functional theoretical investigation of novel bis Schiff base complexes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4375. | 3.5 | 16 |
| 67 | A Novel Screen-Printed and Carbon Paste Electrodes for Potentiometric Determination of Uranyl(II) Ion in Spiked Water Samples. <i>Russian Journal of Electrochemistry</i> , 2018, 54, 201-215. | 0.9 | 11 |
| 68 | Antimicrobial and anticancer activities of Schiff base ligand and its transition metal mixed ligand complexes with heterocyclic base. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3899. | 3.5 | 80 |
| 69 | Molecular structure, molecular docking, thermal, spectroscopic and biological activity studies of bis-Schiff base ligand and its metal complexes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3952. | 3.5 | 29 |
| 70 | 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. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4051. | 3.5 | 37 |
| 71 | Structural investigation, molecular structure and molecular docking of solifenacin succinate, flavoxate hydrochloride and tolterodine tartrate anti-cholinergic drugs. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1345-1360. | 3.6 | 1 |
| 72 | Distribution and Health Hazards of Polycyclic Aromatic Hydrocarbons in Egyptian Milk and Dairy-Based Products. <i>Beverages</i> , 2018, 4, 63. | 2.8 | 15 |

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|----|---|-----|-----------|
| 73 | Coordination behaviour and biological activity studies involving theoretical docking of bis-Schiff base ligand and some of its transition metal complexes. Applied Organometallic Chemistry, 2018, 32, e4603. | 3.5 | 22 |
| 74 | Synthesis, characterization, spectroscopic and theoretical studies of transition metal complexes of new nano Schiff base derived from L-histidine and 2-acetylferrocene and evaluation of biological and anticancer activities. Applied Organometallic Chemistry, 2018, 32, e4386. | 3.5 | 25 |
| 75 | Metal complexes of novel Schiff base derived from the condensation of quinoline carboxaldehyde and ambroxol drug with some transition metal ions. Applied Organometallic Chemistry, 2018, 32, e4392. | 3.5 | 18 |
| 76 | Potentiometric determination of mercury (II) ion in various real samples using novel modified screen-printed electrode. Applied Water Science, 2018, 8, 1. | 5.6 | 17 |
| 77 | Physicochemical and Radiation Hazardous Properties of Scale TENORM Waste: Evaluation by Different Analytical Techniques. Radiochemistry, 2018, 60, 444-449. | 0.7 | 8 |
| 78 | Impact of extreme climate events on water supply sustainability in Egypt: case studies in Alexandria region and Upper Egypt. Journal of Water and Climate Change, 2017, 8, 484-494. | 2.9 | 14 |
| 79 | Synthesis, spectral, thermal and biological studies of mixed ligand complexes with newly prepared Schiff base and 1,10-phenanthroline ligands. Journal of Molecular Structure, 2017, 1146, 153-163. | 3.6 | 58 |
| 80 | 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. | 3.5 | 20 |
| 81 | Melatonin charge transfer complex with 2,3-dichloro-5,6-dicyano-1,4-benzoquinone: Molecular structure, DFT studies, thermal analyses, evaluation of biological activity and utility for determination of melatonin in pure and dosage forms. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 182, 143-159. | 3.9 | 32 |
| 82 | Preparation, characterization, biological activity, density functional theory calculations and molecular docking of chelates of diazo ligand derived from m-phenylenediamine and p-chlorophenol. Applied Organometallic Chemistry, 2017, 31, e3753. | 3.5 | 21 |
| 83 | Construction and performance characteristics of chemically modified carbon paste electrodes for the selective determination of Co(II) ions in water samples. Journal of Industrial and Engineering Chemistry, 2017, 47, 102-111. | 5.8 | 16 |
| 84 | 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. | 2.2 | 21 |
| 85 | 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. | 1.8 | 19 |
| 86 | Fabrication of chemically and in situ modified carbon paste electrodes for the potentiometric determination of chlorpromazine HCl in pure pharmaceutical preparations, urine and serum. New Journal of Chemistry, 2017, 41, 15612-15624. | 2.8 | 14 |
| 87 | Spectroscopic characterization, thermal, antimicrobial and molecular docking studies on nano-size mixed ligand complexes based on sudan III azo dye and 1,10-phenanthroline. Journal of Thermal Analysis and Calorimetry, 2017, 130, 2167-2184. | 3.6 | 13 |
| 88 | 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. | 3.5 | 12 |
| 89 | 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. | 3.6 | 53 |
| 90 | Spectroscopic and thermal degradation behavior of Mg(II), Ca(II), Ba(II) and Sr(II) complexes with paracetamol drug. Arabian Journal of Chemistry, 2017, 10, S2376-S2387. | 4.9 | 22 |

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|-----|---|-----|-----------|
| 91 | Development of Novel Potentiometric Sensors for Determination of Lidocaine Hydrochloride in Pharmaceutical Preparations, Serum and Urine Samples. Iranian Journal of Pharmaceutical Research, 2017, 16, 498-512. | 0.5 | 8 |
| 92 | LIQUID CHROMATOGRAPHIC DETERMINATION OF SOLIFENACIN SUCCINATE, FLAVOXATE HYDROCHLORIDE AND TOLTERODINE TARTRATE IN BULK DRUGS AND THEIR PHARMACEUTICAL DOSAGE FORMS. Journal of the Chilean Chemical Society, 2016, 61, 2772-2776. | 1.2 | 8 |
| 93 | Preparation, Spectroscopic, Theoretical Thermodynamic and Antimicrobial Discussions of Zr(IV), Ce(III) and Th(IV) Ibuprofen Drug Complexes. Journal of Computational and Theoretical Nanoscience, 2016, 13, 5269-5276. | 0.4 | 3 |
| 94 | Utility of Activated Glassy Carbon and Pencil Graphite Electrodes for Voltammetric Determination of Nalbuphine Hydrochloride in Pharmaceutical and Biological Fluids. International Journal of Electrochemistry, 2016, 2016, 1-9. | 2.4 | 15 |
| 95 | Spectroscopic and thermal characterization of biologically and anticancer active novel Schiff base metal complexes. Research on Chemical Intermediates, 2016, 42, 7869-7907. | 2.7 | 21 |
| 96 | Mixed-ligand complex formation of tenoxicam drug with some transition metal ions in presence of valine: Synthesis, characterization, molecular docking, potentiometric and evaluation of the humeral immune response of calves. Journal of Molecular Liquids, 2016, 223, 1311-1332. | 4.9 | 82 |
| 97 | Synthesis, characterization and <i>in vitro</i> antimicrobial and anti-breast cancer activity studies of metal complexes of novel pentadentate azo dye ligand. Applied Organometallic Chemistry, 2016, 30, 959-973. | 3.5 | 56 |
| 98 | Novel Schiff base ligand and its metal complexes with some transition elements. Synthesis, spectroscopic, thermal analysis, antimicrobial and <i>in vitro</i> anticancer activity. Applied Organometallic Chemistry, 2016, 30, 221-230. | 3.5 | 109 |
| 99 | Geometrical structures, thermal stability and antimicrobial activity of Schiff base supramolecular and its metal complexes. Journal of Molecular Liquids, 2016, 215, 423-442. | 4.9 | 41 |
| 100 | Geometrical structures, thermal properties and antimicrobial activity studies of azodye complexes. Journal of Molecular Liquids, 2016, 218, 16-34. | 4.9 | 26 |
| 101 | RP-HPLC Stability-indicating Method for Estimation of Irbesartan and Hydrochlorothiazide in Bulk and Pharmaceutical Dosage Form. Chinese Journal of Analytical Chemistry, 2016, 44, e1601-e1608. | 1.7 | 7 |
| 102 | Geometrical structure, potentiometric, molecular docking and thermodynamic studies of azo dye ligand and its metal complexes. Journal of Molecular Liquids, 2016, 218, 138-149. | 4.9 | 32 |
| 103 | Novel synthesis of 2-imino-2H-chromene-3-carboximide metal complexes. Journal of Thermal Analysis and Calorimetry, 2016, 123, 583-594. | 3.6 | 7 |
| 104 | Synthesis, spectroscopic studies, thermal analyses, biological activity of tridentate coordinated transition metal complexes of bi(pyridyl-2-ylmethyl)amine]ligand. Journal of Molecular Structure, 2016, 1104, 91-95. | 3.6 | 14 |
| 105 | Ternary metal complexes of guaifenesin drug: Synthesis, spectroscopic characterization and <i>in vitro</i> anticancer activity of the metal complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 150, 451-460. | 3.9 | 25 |
| 106 | Coordination behavior of new bis Schiff base ligand derived from 2-furan carboxaldehyde and propane-1,3-diamine. Spectroscopic, thermal, anticancer and antibacterial activity studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 145, 76-84. | 3.9 | 76 |
| 107 | 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. | 3.6 | 29 |
| 108 | Thermal, spectroscopic studies and hydrogen bonding in supramolecular assembly of azo rhodanine complexes. Inorganica Chimica Acta, 2015, 430, 96-107. | 2.4 | 50 |

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|-----|--|-----|-----------|
| 109 | Biological activity, spectral and thermal characterization of mixed ligand complexes of enrofloxacin and glycine: in vitro antibacterial and antifungal activity studies. Monatshefte für Chemie, 2015, 146, 259-273. | 1.8 | 4 |
| 110 | Modified Screen-Printed Ion Selective Electrodes for Potentiometric Determination of Sodium Dodecylsulfate in Different Samples. Journal of AOAC INTERNATIONAL, 2015, 98, 116-123. | 1.5 | 28 |
| 111 | Geometrical structure, molecular docking, potentiometric and thermodynamic studies of 3-aminophenol azodye and its metal complexes. Journal of Molecular Liquids, 2015, 209, 625-634. | 4.9 | 30 |
| 112 | Multi-walled carbon nanotube and nanosilica chemically modified carbon paste electrodes for the determination of mercury(II) in polluted water samples. Analytical Methods, 2015, 7, 6280-6289. | 2.7 | 21 |
| 113 | Potentiometric determination of La(III) in polluted water samples using modified screen-printed electrode by self-assembled mercapto compound on silver nanoparticles. Sensors and Actuators B: Chemical, 2015, 216, 542-550. | 7.8 | 24 |
| 114 | Synthesis, spectroscopic studies, thermal analyses, biological activity of tridentate-coordinated transition-metal complexes [M(L)X ₂] and crystal structure of [ZnBr ₂ (2,6-bis(tert-butylthiomethyl)pyridine)]. Comptes Rendus Chimie, 2015, 18, 619-625. | 0.5 | 10 |
| 115 | Synthesis, spectroscopic, thermogravimetric and antimicrobial studies of mixed ligands complexes. Journal of Molecular Structure, 2015, 1095, 15-25. | 3.6 | 41 |
| 116 | Correlation between ionic radii of metal azodye complexes and electrical conductivity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 147, 200-211. | 3.9 | 58 |
| 117 | Construction and Performance Characteristics of Modified Screen Printed and Modified Carbon Paste Sensors for Selective Determination of Cu(II) Ions in Different Polluted Water Samples. Chemical Engineering Communications, 2015, , 150914124221005. | 2.6 | 1 |
| 118 | Extractive spectrophotometric method for determination of cadmium(II) in different water sources. Journal of Molecular Liquids, 2015, 212, 517-523. | 4.9 | 5 |
| 119 | Supramolecular structure, molecular docking and thermal properties of azo dye complexes. Journal of Molecular Liquids, 2015, 212, 487-502. | 4.9 | 32 |
| 120 | Spectrophotometric determination of iron and copper ions in industrial wastewater, cooling water and scale of power station. Desalination and Water Treatment, 2015, 55, 96-106. | 1.0 | 3 |
| 121 | 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. | 3.6 | 46 |
| 122 | Transition metal complexes of novel Schiff base. Journal of Thermal Analysis and Calorimetry, 2015, 120, 893-903. | 3.6 | 32 |
| 123 | Spectrophotometric Determination of Distigmine Bromide, Cyclopentolate HCl, Diaveridine HCl and Tetrahydrozoline HCl via Charge Transfer Complex Formation with TCNQ and TCNE Reagents. Iranian Journal of Pharmaceutical Research, 2015, 14, 701-14. | 0.5 | 2 |
| 124 | Thiol surfactant assembled on gold nanoparticles ion exchanger for screen-printed electrode fabrication. Potentiometric determination of Ce(III) in environmental polluted samples. Sensors and Actuators B: Chemical, 2014, 191, 192-203. | 7.8 | 67 |
| 125 | Potentiometric determination of iron in polluted water samples using new modified Fe(III)-screen printed ion selective electrode. Journal of Industrial and Engineering Chemistry, 2014, 20, 2394-2400. | 5.8 | 40 |
| 126 | Synthesis, spectroscopic and structural characterization, and antimicrobial studies of metal complexes of a new hexadentate Schiff base ligand. Spectrophotometric determination of Fe(III) in water samples using a recovery test. Monatshefte für Chemie, 2014, 145, 755-765. | 1.8 | 36 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Analytical studies on the charge transfer complexes of loperamide hydrochloride and trimebutine drugs. Spectroscopic and thermal characterization of CT complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 129, 84-95. | 3.9 | 40 |
| 128 | A New Screen-printed Ion Selective Electrode for Determination of Citalopram Hydrobromide in Pharmaceutical Formulation. Chinese Journal of Analytical Chemistry, 2014, 42, 565-572. | 1.7 | 28 |
| 129 | Coordination modes of bidentate lornoxicam drug with some transition metal ions. Synthesis, characterization and in vitro antimicrobial and antitumor cancer activity studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 122, 598-608. | 3.9 | 63 |
| 130 | Determination of Mn(II) ion by a modified carbon paste electrode based on multi-walled carbon nanotubes (MWCNTs) in different water samples. Sensors and Actuators B: Chemical, 2014, 202, 699-707. | 7.8 | 29 |
| 131 | Modified Screen-Printed Electrode for Potentiometric Determination of Copper(II) in Water Samples. Journal of Solution Chemistry, 2013, 42, 1336-1354. | 1.2 | 44 |
| 132 | In situ modified screen printed and carbon paste ion selective electrodes for potentiometric determination of naphazoline hydrochloride in its formulation. Journal of Pharmaceutical Analysis, 2013, 3, 367-375. | 5.3 | 13 |
| 133 | Synthesis and spectroscopic characterization of indomethacin-Cd(II), Ce(III), and Th(IV) complexes: IR, ¹ H NMR, thermal, and biological studies. Russian Journal of General Chemistry, 2013, 83, 2479-2487. | 0.8 | 4 |
| 134 | Cr(III), Mn(II), Fe(III), Co(II), Ni(II), Cu(II) and Zn(II) new complexes of 5-aminosalicylic acid: Spectroscopic, thermal characterization and biological activity studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 107, 8-15. | 3.9 | 35 |
| 135 | Multiclass analysis on repaglinide, flubendazole, robenidine hydrochloride and danofloxacin drugs. Arabian Journal of Chemistry, 2013, 6, 131-144. | 4.9 | 7 |
| 136 | Spectroscopic and density functional theory investigation of novel Schiff base complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 103, 378-387. | 3.9 | 48 |
| 137 | Chelating behavior, thermal studies and biocidal efficiency of tioconazole and its complexes with some transition metal ions. Journal of Thermal Analysis and Calorimetry, 2013, 111, 173-181. | 3.6 | 12 |
| 138 | Validated voltammetric method for the determination of some antiprotozoa drugs based on the reduction at an activated glassy carbon electrode. Arabian Journal of Chemistry, 2013, 6, 327-333. | 4.9 | 26 |
| 139 | Synthesis, spectroscopic, thermal and DFT calculations of 2-(3-amino-2-hydrazono-4-oxothiazolidin-5-yl) acetic acid binuclear metal complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 111, 169-177. | 3.9 | 30 |
| 140 | Erratum to "Potentiometric Determination of Ketotifen Fumarate in Pharmaceutical Preparations and Urine Using Carbon Paste and PVC Membrane Selective Electrodes" International Journal of Analytical Chemistry, 2012, 2012, 1-1. | 1.0 | 12 |
| 141 | Synthesis, spectroscopic, thermal characterization, and antimicrobial activity of miconazole drug and its metal complexes. Journal of Thermal Analysis and Calorimetry, 2012, 109, 883-892. | 3.6 | 35 |
| 142 | Spectrophotometric determination of carbamazepine and mosapride citrate in pure and pharmaceutical preparations. Arabian Journal of Chemistry, 2012, 5, 375-382. | 4.9 | 16 |
| 143 | Novel screen-printed electrode for the determination of dodecyltrimethylammonium bromide in water samples. Drug Testing and Analysis, 2012, 4, 1009-1013. | 2.6 | 44 |
| 144 | Preparation, spectroscopic and thermal characterization of new metal complexes of verlipride drug. In vitro biological activity studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 91, 11-17. | 3.9 | 33 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Thermal and mass spectral characterization of novel azo dyes of p-acetoamidophenol in comparison with Hammett substituent effects and molecular orbital calculations. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 107, 763-776. | 3.6 | 12 |
| 146 | Synthesis, characterization, and biological activity of some transition metal complexes with Schiff base ligands derived from 4-amino-5-phenyl-4H-1,2,4-triazole-3-thiol and salicaldehyde. <i>Monatshefte für Chemie</i> , 2012, 143, 79-89. | 1.8 | 12 |
| 147 | Simple Validated Method for Determination of Deoxynivalenol and Zearalenone in Some Cereals Using High Performance Liquid Chromatography. <i>American Journal of Food Technology</i> , 2012, 7, 668-678. | 0.2 | 12 |
| 148 | Synthesis and characterization of a novel schiff base metal complexes and their application in determination of iron in different types of natural water. <i>Open Journal of Inorganic Chemistry</i> , 2012, 02, 13-21. | 0.7 | 66 |
| 149 | Preparation of macrocyclic Schiff-base ligand and antibacterial activities of transition metal complexes thereof. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 57-72. | 1.2 | 8 |
| 150 | Metalloantibiotics: Synthesis and Antimicrobial Activity of Clotrimazole Metal Chelates, Spectroscopic, and Thermal Characterization. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011, 41, 544-554. | 0.6 | 9 |
| 151 | Construction and performance characterization of screen printed and carbon paste ion selective electrodes for potentiometric determination of naphazoline hydrochloride in pharmaceutical preparations. <i>Analyst, The</i> , 2011, 136, 332-339. | 3.5 | 36 |
| 152 | Septonex® tetraphenylborate screen-printed ion selective electrode for the potentiometric determination of Septonex in pharmaceutical preparations. <i>Analyst, The</i> , 2011, 136, 1488. | 3.5 | 51 |
| 153 | Ligational behaviour of lomefloxacin drug towards Cr(III), Mn(II), Fe(III), Co(II), Ni(II), Cu(II), Zn(II), Th(IV) and UO ₂ (VI) ions: Synthesis, structural characterization and biological activity studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 82, 8-19. | 3.9 | 72 |
| 154 | New copper(II) complexes with dopamine hydrochloride and vanillylmandelic acid: Spectroscopic and thermal characterization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 81, 489-497. | 3.9 | 5 |
| 155 | Potentiometric determination of antihistaminic diphenhydramine hydrochloride in pharmaceutical preparations and biological fluids using screen-printed electrode. <i>Bioelectrochemistry</i> , 2011, 82, 79-86. | 4.6 | 40 |
| 156 | Electroanalytical determination of sildenafil in Viagra tablets using screen-printed and conventional carbon paste electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2011, 659, 121-127. | 3.8 | 10 |
| 157 | Synthesis and characterization of mixed ligand complexes of lomefloxacin drug and glycine with transition metals. Antibacterial, antifungal and cytotoxicity studies. <i>Journal of Molecular Structure</i> , 2011, 999, 29-38. | 3.6 | 41 |
| 158 | Spectrophotometric Determination of Albendazole Drug in Tablets: Spectroscopic Characterization of the Charge-Transfer Solid Complexes. <i>Chinese Journal of Chemistry</i> , 2011, 29, 324-332. | 4.9 | 5 |
| 159 | Synthesis, structural, thermal studies and biological activity of a tridentate Schiff base ligand and their transition metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 36-44. | 3.9 | 89 |
| 160 | Synthesis, structure investigation, spectral characteristics and biological activities of some novel azodyes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 1027-1036. | 3.9 | 7 |
| 161 | Spectroscopic and biological activity studies on tridentate Schiff base ligands and their transition metal complexes. <i>European Journal of Chemistry</i> , 2011, 2, 178-188. | 0.6 | 43 |
| 162 | High performance liquid chromatography, thin layer chromatography and spectrophotometric studies on the removal of biogenic amines from some Egyptian foods using organic, inorganic and natural compounds. <i>Journal of Toxicological Sciences</i> , 2010, 35, 175-187. | 1.5 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 163 | Coupling reaction and complex formation for the spectrophotometric determination of physiologically active catecholamines in bulk, pharmaceutical preparations and urine samples of schizophrenic patients. <i>Drug Testing and Analysis</i> , 2010, 2, 234-242. | 2.6 | 10 |
| 164 | Towards disposable sensors for drug quality control: Dextromethorphan screen-printed electrodes. <i>Drug Testing and Analysis</i> , 2010, 2, 424-429. | 2.6 | 20 |
| 165 | Synthesis, spectroscopic, thermal and biological activity studies on triazine metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 77, 773-781. | 3.9 | 13 |
| 166 | Spectroscopic, thermal and kinetic studies of coordination compounds of Zn(II), Cd(II) and Hg(II) with norfloxacin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 102, 225-232. | 3.6 | 38 |
| 167 | Metal complexes of fenoterol drug. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 99, 639-647. | 3.6 | 14 |
| 168 | New Screen-Printed Ion-Selective Electrodes for Potentiometric Titration of Cetyltrimethylammonium Bromide in Different Civilic Media. <i>Electroanalysis</i> , 2010, 22, 2587-2599. | 2.9 | 50 |
| 169 | Synthesis and spectroscopic characterization of new tetradentate Schiff base and its coordination compounds of NOON donor atoms and their antibacterial and antifungal activity. <i>Arabian Journal of Chemistry</i> , 2010, 3, 103-113. | 4.9 | 79 |
| 170 | Preparation, characterization and biological activity of novel metal-NNNN donor Schiff base complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 678-685. | 3.9 | 53 |
| 171 | Synthesis, spectroscopic and thermal characterization of sulpiride complexes of iron, manganese, copper, cobalt, nickel, and zinc salts. Antibacterial and antifungal activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 76, 341-347. | 3.9 | 52 |
| 172 | Extractive spectrophotometric determination of sulphonamide drugs in pure and pharmaceutical preparations through ion-pair formation with molybdenum(V) thiocyanate in acidic medium. <i>Journal of Advanced Research</i> , 2010, 1, 215-220. | 9.5 | 11 |
| 173 | Electronic, infrared, mass, ¹ H NMR spectral studies of the charge-transfer complexes of sulphonamide drugs with I ⁻ -acceptors in acetonitrile. <i>Journal of Molecular Structure</i> , 2010, 979, 46-55. | 3.6 | 10 |
| 174 | Metal complexes of a novel Schiff base derived from sulphametrole and varelaldehyde. Synthesis, spectral, thermal characterization and biological activity. <i>Journal of Molecular Structure</i> , 2010, 979, 62-71. | 3.6 | 86 |
| 175 | Potentiometric determination of cetylpyridinium chloride using a new type of screen-printed ion selective electrodes. <i>Analytica Chimica Acta</i> , 2010, 673, 79-87. | 5.4 | 99 |
| 176 | Ti(IV), Cr(III), Mn(II), and Ni(II) Complexes of the Norfloxacin Antibiotic Drug: Spectroscopic and Thermal Characterizations. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 3239-3246. | 1.9 | 11 |
| 177 | Disposable potentiometric sensors for monitoring cholinesterase activity. <i>Talanta</i> , 2010, 83, 357-363. | 5.5 | 26 |
| 178 | Carbon paste and PVC electrodes for the flow injection potentiometric determination of dextromethorphan. <i>Talanta</i> , 2010, 81, 510-515. | 5.5 | 33 |
| 179 | Spectrophotometric Determination of Allopurinol Drug in Tablets: Spectroscopic Characterization of the Solid CT Complexes. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 1535-1542. | 1.9 | 13 |
| 180 | Biological activity studies on metal complexes of novel tridentate Schiff base ligand. Spectroscopic and thermal characterization. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 4801-4812. | 5.5 | 157 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | Synthesis and anti-fungicidal activity of some transition metal complexes with benzimidazole dithiocarbamate ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 610-615. | 3.9 | 58 |
| 182 | Spectroscopic characterization of metal complexes of novel Schiff base. Synthesis, thermal and biological activity studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 73, 358-369. | 3.9 | 92 |
| 183 | Spectroscopic study of molecular structures of novel Schiff base derived from o-phthaldehyde and 2-aminophenol and its coordination compounds together with their biological activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 73, 833-840. | 3.9 | 173 |
| 184 | Biological potential study of metal complexes of sulphonylurea glibenclamide on the house fly, <i>Musca domestica</i> (Diptera "Muscidae): Preparation, spectroscopic and thermal characterization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 635-641. | 3.9 | 13 |
| 185 | Metal complexes of gliclazide: Preparation, spectroscopic and thermal characterization. Biological potential study of sulphonylurea gliclazide on the house fly, <i>Musca domestica</i> (Diptera "Muscidae). <i>Arabian Journal of Chemistry</i> , 2009, 2, 109-117. | 4.9 | 6 |
| 186 | Spectrophotometric determination of peptic ulcer sulfur-containing drugs in bulk form and in tablets. <i>Drug Testing and Analysis</i> , 2009, 2, n/a-n/a. | 2.6 | 5 |
| 187 | Metal complexes of omeprazole. Preparation, spectroscopic and thermal characterization and biological activity. <i>Journal of Coordination Chemistry</i> , 2009, 62, 645-654. | 2.2 | 31 |
| 188 | Correlation between thermal and mass spectral techniques for the characterization of allenylidene and carbene complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 161-168. | 3.9 | 2 |
| 189 | Disposal screen-printed carbon paste electrodes for the potentiometric titration of surfactants. <i>Sensors and Actuators B: Chemical</i> , 2008, 135, 74-80. | 7.8 | 90 |
| 190 | Electrochemical Determination of the Antidiabetic Drug Repaglinide. <i>Yakugaku Zasshi</i> , 2008, 128, 171-177. | 0.2 | 29 |
| 191 | FTIR, magnetic, mass spectral, XRD and thermal studies of metal chelates of tenoxicam. <i>Journal of Molecular Structure</i> , 2007, 841, 41-50. | 3.6 | 23 |
| 192 | Preparation and spectroscopic characterization of novel cyclodiphosph(V)azane of N1-2-pyrimidinylsulfanilamide complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 935-948. | 3.9 | 26 |
| 193 | Metal complexes of Schiff base derived from sulphametrole and o-vanilin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 949-958. | 3.9 | 96 |
| 194 | Utility of 7,7,8,8-tetracyanoquinodimethane charge transfer reagent for the spectrophotometric determination of trazodone, amineptine and amitriptyline hydrochlorides. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 1244-1249. | 3.9 | 23 |
| 195 | Synthesis, characterization and thermal studies on metal complexes of new azo compounds derived from sulfa drugs. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 1382-1387. | 3.9 | 25 |
| 196 | siRNA Silencing of PVX Coat Protein Gene Affects Accumulation of Viral RNA in Potato and Tobacco Plants. <i>International Journal of Virology</i> , 2007, 4, 14-25. | 0.4 | 7 |
| 197 | Synthesis of heterocyclic carbene ligands via 1,2,3-diheterocyclization of allenylidene complexes with dinucleophiles. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 5753-5766. | 1.8 | 15 |
| 198 | Synthesis, characterization and biological activity of bis(phenylimine) Schiff base ligands and their metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 64, 188-195. | 3.9 | 119 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 199 | Synthesis and thermal characterization of new ternary chelates of piroxicam and tenoxicam with glycine and dl-phenylalanine and some transition metals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 64, 216-232. | 3.9 | 32 |
| 200 | Spectrophotometric study of the reaction mechanism between DDQ as π -acceptor and potassium iodate and flucloxacillin and dicloxacillin drugs and their determination in pure and in dosage forms. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 65, 11-19. | 3.9 | 22 |
| 201 | Spectrophotometric determination of trazodone, amineptine and amitriptyline hydrochlorides through ion-pair formation with molybdenum and thiocyanate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 65, 1221-1226. | 3.9 | 22 |
| 202 | Potentiometric, spectroscopic and thermal studies on the metal chelates of 1-(2-thiazolylazo)-2-naphthalenol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 929-936. | 3.9 | 117 |
| 203 | Mixed ligand complexes of bis(phenylimine) Schiff base ligands incorporating pyridinium moiety. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 1059-1068. | 3.9 | 91 |
| 204 | Structural, spectroscopic and thermal characterization of 2-tert-butylaminomethylpyridine-6-carboxylic acid methylester and its Fe(III), Co(II), Ni(II), Cu(II), Zn(II) and UO ₂ (II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 1089-1096. | 3.9 | 23 |
| 205 | Synthesis, characterization and biological activity of some transition metals with Schiff base derived from 2-thiophene carboxaldehyde and aminobenzoic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 1140-1150. | 3.9 | 191 |
| 206 | Structural and thermal characterization of cerium, thorium and uranyl complexes of sulfasalazine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 1095-1101. | 3.9 | 12 |
| 207 | Structural and thermal characterization of ternary complexes of piroxicam and alanine with transition metals: Uranyl binary and ternary complexes of piroxicam. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 1165-1171. | 3.9 | 23 |
| 208 | Two Spectrophotometric Assays for Dopamine Derivatives in Pharmaceutical Products and in Biological Samples of Schizophrenic Patients Using Copper Tetramine Complex and Tri-iodide Reagent. <i>Journal of Biomedicine and Biotechnology</i> , 2005, 2005, 1-9. | 3.0 | 18 |
| 209 | New Cyclodiphosph(V)azane Complexes of Fe(III), Co(II), Ni(II), Cu(II), Zn(II), and UO ₂ (II): Preparation, Characterization, and Biological Activity Studies. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 1569-1586. | 1.6 | 11 |
| 210 | Synthesis, Spectroscopic and Thermal Characterization of New Sulfasalazine Metal Complexes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2005, 35, 483-490. | 0.6 | 18 |
| 211 | Synthesis, IR, Magnetic, Solid Reflectance, and Thermal Characterization of Transition Metal Chelates with 2-(5-acetylaminophenylazo)-benzoic Acid. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2004, 34, 1497-1516. | 1.8 | 10 |
| 212 | Study of the ternary complexes of copper with salicylidene-2-aminothiophenol and some amino acids in the solid state. <i>Thermochimica Acta</i> , 2004, 421, 151-159. | 2.7 | 90 |
| 213 | IR, UV-Vis, magnetic and thermal characterization of chelates of some catecholamines and 4-aminoantipyrine with Fe(III) and Cu(II). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 1775-1781. | 3.9 | 37 |
| 214 | Synthesis, investigation and spectroscopic characterization of piroxicam ternary complexes of Fe(II), Fe(III), Co(II), Ni(II), Cu(II) and Zn(II) with glycine and dl-phenylalanine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 3141-3154. | 3.9 | 72 |
| 215 | NEW BINARY AND TERNARY COMPLEXES OF FLUCLOXACILLIN AND AMINO ACIDS WITH SOME TRANSITION METALS. SYNTHESIS, CHARACTERIZATION, AND CYCLIC VOLTAMMETRIC STUDIES. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2002, 32, 1501-1519. | 1.8 | 6 |
| 216 | Thermal and kinetic studies on solid complexes of 2-(2-benzimidazolylazo)-4-acetamidophenol with some transition metals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2002, 58, 3167-3178. | 3.9 | 31 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 217 | Complexes of 2-(2-benzimidazolylazo)-4-acetamidophenol, a phenoldiazenyl-containing ligand. Could this be a moiety suitable for Zn and Cd extraction?. Polyhedron, 2001, 20, 2689-2696. | 2.2 | 41 |
| 218 | Spectral and thermal studies of thiobarbituric acid complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2000, 56, 1245-1250. | 3.9 | 71 |
| 219 | Adsorption of copper(II) and zinc(II) ions from aqueous solution by activated carbon derived from halophytes (Suaeda maritime). , 0, 94, 198-210. | | 1 |
| 220 | Electroanalytical determination of Al(III) ion in petroleum water samples using symmetric 1,3-diamine-based Schiff base as a carrier. Journal of the Iranian Chemical Society, 0, , 1. | 2.2 | 1 |