

Ahmed A El-Sherif

List of Publications by Year in descending order

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53
papers

1,503
citations

236833

25
h-index

330025

37
g-index

54
all docs

54
docs citations

54
times ranked

1193
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Synthesis, spectral characterization, solution equilibria, in vitro antibacterial and cytotoxic activities of Cu(II), Ni(II), Mn(II), Co(II) and Zn(II) complexes with Schiff base derived from 5-bromosalicylaldehyde and 2-aminomethylthiophene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1803-1814. | 2.0 | 122 |
| 2 | Protonation Equilibria of Biologically Active Ligands in Mixed Aqueous Organic Solvents. <i>Bioinorganic Chemistry and Applications</i> , 2014, 2014, 1-18. | 1.8 | 87 |
| 3 | 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. <i>Journal of Molecular Liquids</i> , 2016, 223, 1311-1332. | 2.3 | 82 |
| 4 | Synthesis, characterization, molecular modeling and biological activity of mixed ligand complexes of Cu(II), Ni(II) and Co(II) based on 1,10-phenanthroline and novel thiosemicarbazone. <i>Inorganica Chimica Acta</i> , 2013, 407, 58-68. | 1.2 | 81 |
| 5 | Synthesis, spectroscopic characterization and biological activity on newly synthesized copper(II) and nickel(II) complexes incorporating bidentate oxygen–nitrogen hydrazone ligands. <i>Inorganica Chimica Acta</i> , 2009, 362, 4991-5000. | 1.2 | 75 |
| 6 | Complex-formation reactions and stability constants for mixed-ligand complexes of diaqua(2-picolylamine)palladium(ii) with some bio-relevant ligands. <i>Dalton Transactions</i> , 2003, , 1425-1432. | 1.6 | 68 |
| 7 | Synthesis, characterization, biological activity and equilibrium studies of metal(II) ion complexes with tridentate hydrazone ligand derived from hydralazine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 98, 307-321. | 2.0 | 68 |
| 8 | Ternary copper(II) complexes involving 2-(aminomethyl)-benzimidazole and some bio-relevant ligands. Equilibrium studies and kinetics of hydrolysis for glycine methyl ester under complex formation. <i>Inorganica Chimica Acta</i> , 2007, 360, 473-487. | 1.2 | 51 |
| 9 | Synthesis, characterization, equilibrium study and biological activity of Cu(II), Ni(II) and Co(II) complexes of polydentate Schiff base ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 889-897. | 2.0 | 50 |
| 10 | Synthesis and characterization of some potential antitumor palladium(II) complexes of 2-aminomethylbenzimidazole and amino acids. <i>Journal of Coordination Chemistry</i> , 2011, 64, 2035-2055. | 0.8 | 46 |
| 11 | Synthesis, Solution Equilibria and Antibacterial Activity of Co(II) with 2-(Aminomethyl)-Benzimidazole and Dicarboxylic Acids. <i>Journal of Solution Chemistry</i> , 2010, 39, 1562-1581. | 0.6 | 45 |
| 12 | Synthesis, structural characterization, DFT studies and biological activity of Cu(II) and Ni(II) complexes of novel hydrazone. <i>Inorganica Chimica Acta</i> , 2018, 480, 1-15. | 1.2 | 43 |
| 13 | Review: protonation, complex-formation equilibria, and metal–ligand interaction of salicylaldehyde Schiff bases. <i>Journal of Coordination Chemistry</i> , 2013, 66, 3423-3468. | 0.8 | 39 |
| 14 | Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 656-664. | 0.7 | 38 |
| 15 | Mixed ligand complexes of Cu(II)-2-(2-pyridyl)-benzimidazole and aliphatic or aromatic dicarboxylic acids: Synthesis, characterization and biological activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 877-882. | 2.0 | 31 |
| 16 | Protonation Equilibria of Some Selected α -Amino Acids in DMSO–Water Mixture and Their Cu(II)-Complexes. <i>Journal of Solution Chemistry</i> , 2013, 42, 412-427. | 0.6 | 31 |
| 17 | Potentiometric and Thermodynamic Studies of Binary and Ternary Transition Metal(II) Complexes of Imidazole-4-acetic Acid and Some Bio-relevant Ligands. <i>Journal of Solution Chemistry</i> , 2013, 42, 1028-1050. | 0.6 | 31 |
| 18 | Copper(II) complexes of imino-bis(methyl phosphonic acid) with some bio-relevant ligands. Equilibrium studies and hydrolysis of glycine methyl ester through complex formation. <i>Journal of Coordination Chemistry</i> , 2005, 58, 1401-1415. | 0.8 | 29 |

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|----|--|-----|-----------|
| 19 | Equilibrium investigation of complex formation reactions involving copper(II), nitrilo-tris(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock correlation of rates with complex stability for metal ion promoted hydrolysis of glycine methyl ester. <i>Journal of Coordination Chemistry</i> , 2006, 59, 1541-1556. | 0.8 | 29 |
| 20 | Complex Formation Equilibria Between Zinc(II), Nitrilo-tris(Methyl Phosphonic Acid) and Some Bio-relevant Ligands. The Kinetics and Mechanism for Zinc(II) Ion Promoted Hydrolysis of Glycine Methyl Ester. <i>Journal of Solution Chemistry</i> , 2010, 39, 639-653. | 0.6 | 29 |
| 21 | Coordination properties of tridentate (N,O,O) heterocyclic alcohol (PDC) with Cu(II). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 691-700. | 2.0 | 28 |
| 22 | Potentiometric and Thermodynamic Studies of Dissociation and Metal Complexation of 4-(3-Hydroxypyridin-2-ylimino)-4-phenylbutan-2-one. <i>Journal of Chemical & Engineering Data</i> , 2007, 52, 1609-1614. | 1.0 | 27 |
| 23 | Mixed Ligand Complex Formation Reactions and Equilibrium Studies of Cu(II) with Bidentate Heterocyclic Alcohol (N,O) and Some Bio-Relevant Ligands. <i>Journal of Solution Chemistry</i> , 2010, 39, 131-150. | 0.6 | 27 |
| 24 | Coordination properties of bidentate (N,O) and tridentate (N,O,O) heterocyclic alcohols with dimethyltin(IV). <i>Journal of Coordination Chemistry</i> , 2011, 64, 1240-1253. | 0.8 | 26 |
| 25 | Equilibrium Studies of Binary and Mixed-Ligand Complexes of Zinc(II) Involving 2-(Aminomethyl)-Benzimidazole and Some Bio-Relevant Ligands. <i>Journal of Solution Chemistry</i> , 2012, 41, 1759-1776. | 0.6 | 26 |
| 26 | Synthesis, structural characterization, thermogravimetric, molecular modelling and biological studies of Co(II) and Ni(II) Schiff bases complexes. <i>Journal of Molecular Structure</i> , 2019, 1178, 524-537. | 1.8 | 26 |
| 27 | IL-8 secreted by tumor associated macrophages contribute to lapatinib resistance in HER2-positive locally advanced breast cancer via activation of Src/STAT3/ERK1/2-mediated EGFR signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118995. | 1.9 | 22 |
| 28 | Potentiometric Determination of the Stability Constants of Trimethyltin(IV) Chloride Complexes with Imino-bis(Methylphosphonic Acid) in Water and Dioxane-Water Mixtures. <i>Journal of Solution Chemistry</i> , 2012, 41, 392-409. | 0.6 | 18 |
| 29 | Synthesis and characterization of novel series of Fe(II)-mixed ligand complexes involving 2,2'-bipyridyl ligand. <i>Dyes and Pigments</i> , 2013, 99, 1056-1064. | 2.0 | 17 |
| 30 | Complex formation of cetirizine drug with bivalent transition metal(II) ions in the presence of alanine: synthesis, characterization, equilibrium studies, and biological activity studies. <i>Journal of Coordination Chemistry</i> , 2015, 68, 678-703. | 0.8 | 17 |
| 31 | xml:ns:mml="http://www.w3.org/1998/Math/MathML" id="E1"><mml:mrow><mml:msup><mml:mtext>N</mml:mtext><mml:mn mathvariant="bold">1</mml:mn></mml:msup></mml:mrow></mml:math>-Methyl-2-(<mml:math>Tj ETQq1 1 0.784314 rgBT /Overlock | 1.8 | 14 |
| 32 | Potentiometric, equilibrium studies and thermodynamics of novel thiosemicarbazones and their bivalent transition metal(II) complexes. <i>Journal of Molecular Liquids</i> , 2016, 219, 914-922. | 2.3 | 13 |
| 33 | Solution Coordination Chemistry of Organotin(IV) Cations with Bio-relevant Ligands. <i>Journal of Solution Chemistry</i> , 2012, 41, 1522-1554. | 0.6 | 12 |
| 34 | Synthesis, characterization, equilibrium studies, and biological activity of complexes involving copper(II), 2-aminomethylthiophenyl-4-bromosalicylaldehyde Schiff base, and selected amino acids. <i>Journal of Coordination Chemistry</i> , 2014, 67, 870-890. | 0.8 | 12 |
| 35 | Synthesis and Biological Evaluation of Novel Zn(II) and Cd(II) Schiff Base Complexes as Antimicrobial, Antifungal, and Antioxidant Agents. <i>Bioinorganic Chemistry and Applications</i> , 2020, 2020, 1-17. | 1.8 | 12 |
| 36 | Effect of different acceptors on N-hexyl carbazole moiety for dye-sensitized solar cells: design, characterization, molecular structure, and DSSC fabrications. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 949-960. | 1.2 | 12 |

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|----|---|-----|-----------|
| 37 | Complex Formation Equilibria of Unusual Seven-Coordinate Fe(EDTA) Complexes with DNA Constituents and Related Bio-relevant Ligands. <i>Journal of Solution Chemistry</i> , 2012, 41, 813-827. | 0.6 | 11 |
| 38 | Kinetics and Mechanism for Hydrolysis of $\hat{I}\pm$ -Amino Acid Esters in Mixed Ligand Complexes with Zn(II) \hat{a} €“Nitrilo-tris(methyl phosphonic Acid). <i>Journal of Solution Chemistry</i> , 2012, 41, 249-260. | 0.6 | 11 |
| 39 | Bivalent transition metal complexes of cetirizine: Spectroscopic, equilibrium studies and biological activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 112, 290-300. | 2.0 | 11 |
| 40 | Synthesis and Thermodynamic Investigation of 4-Amino-6-Hydroxy-2-Mercapto Pyrimidine (AHMP) Complexes with Some Selected Divalent Metal(II) Ions. <i>Journal of Solution Chemistry</i> , 2007, 36, 247-257. | 0.6 | 10 |
| 41 | Mixed Ligand Complex Formation of Cetirizine Drug with Bivalent Transition Metal(II) Ions in the Presence of 2-Aminomethylbenzimidazole: Synthesis, Structural, Biological, pH-Metric and Thermodynamic Studies. <i>Journal of Solution Chemistry</i> , 2015, 44, 1673-1704. | 0.6 | 10 |
| 42 | Potentiometric, Thermodynamics and Coordination Properties for Binary and Mixed Ligand Complexes of Copper(II) with Imidazole-4-acetic Acid and Tryptophan or Phenylalanine Aromatic Amino Acids. <i>Journal of Solution Chemistry</i> , 2016, 45, 712-731. | 0.6 | 9 |
| 43 | Thermodynamic Investigation and Mixed Ligand Complex Formation of 1,4-Bis-(3-aminopropyl)-piperazine and Biorelevant Ligands. <i>Bioinorganic Chemistry and Applications</i> , 2012, 2012, 1-10. | 1.8 | 8 |
| 44 | Potentiometric determination of stability constants and thermodynamic data for dimethyltin(IV) dichloride complexes with iminobis(methylphosphonic acid) in water and dioxane \hat{a} €“water mixtures. <i>Monatshefte FAr Chemie</i> , 2013, 144, 1467-1480. | 0.9 | 7 |
| 45 | Potentiometry, Stability and Thermodynamics of Diethyltin(IV) Dichloride with Some Selected Biomolecules. <i>Journal of Solution Chemistry</i> , 2013, 42, 2240-2266. | 0.6 | 7 |
| 46 | Thermodynamics, Chemical Speciation and Complex Formation Equilibria Studies of Binary and Mixed Ligand Complexes of Cu(II) with 2,2 \hat{a} €²-Bipyridyl and Some Aromatic Diamines. <i>Journal of Solution Chemistry</i> , 2015, 44, 77-99. | 0.6 | 7 |
| 47 | The Palladium(II)-Picolyamine Promoted Hydrolysis of Amino Acid Esters; Kinetic Evidence for Inter- and Intramolecular Mechanisms. <i>Progress in Reaction Kinetics and Mechanism</i> , 2011, 36, 215-226. | 1.1 | 6 |
| 48 | Equilibrium studies of diethyltin(IV) dichloride and divinyltin(IV) dichloride with 1-(2-aminoethyl)-pyrrolidine. <i>Journal of Molecular Liquids</i> , 2018, 262, 422-434. | 2.3 | 6 |
| 49 | Potentiometric, thermodynamics and coordination properties for binary and mixed ligand complexes of copper(II) with cephradine antibiotic and some N- and O-bound amino acids ($\hat{I}\pm$ -alanine and \hat{I}^2 -alanine). <i>Journal of Molecular Liquids</i> , 2021, 328, 115334. | 2.3 | 5 |
| 50 | Potentiometric Study of Speciation and Thermodynamics of Complex Formation Equilibria of Diorganotin(IV) Dichloride with 1-(2-Aminoethyl)piperazine. <i>Journal of Solution Chemistry</i> , 2016, 45, 410-430. | 0.6 | 4 |
| 51 | Lepidium sativum Secondary Metabolites (Essential Oils): In Vitro and In Silico Studies on Human Hepatocellular Carcinoma Cell Lines. <i>Plants</i> , 2021, 10, 1863. | 1.6 | 4 |
| 52 | Potentiometric and Speciation Studies on the Complex Formation Reactions of of Coordinated Inosine. <i>Journal of Solution Chemistry</i> , 2017, 46, 1024-1047. | 0.6 | 2 |
| 53 | Synthesis, Characterization, X-Ray Single-Crystal Structure, Potentiometric Measurements, Molecular Modeling, and Bioactivity Screening of Some Thiosemicarbazones. <i>Journal of Chemistry</i> , 2022, 2022, 1-15. | 0.9 | 1 |