

# Ahmed A El-Sherif

## List of Publications by Year in descending order

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53  
papers

1,503  
citations

236833

25  
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330025

37  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1193  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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 ( $\pm$ -alanine and $l^2$ -alanine). <i>Journal of Molecular Liquids</i> , 2021, 328, 115334.	2.3	5
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	Thermodynamics, Chemical Speciation and Complex Formation Equilibria Studies of Binary and Mixed Ligand Complexes of Cu(II) with 2,2'-Bipyridyl and Some Aromatic Diamines. <i>Journal of Solution Chemistry</i> , 2015, 44, 77-99.	0.6	7
16	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
17	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
18	Protonation Equilibria of Biologically Active Ligands in Mixed Aqueous Organic Solvents. <i>Bioinorganic Chemistry and Applications</i> , 2014, 2014, 1-18.	1.8	87

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19	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
20	Protonation Equilibria of Some Selected $\alpha$ -Amino Acids in DMSO-Water Mixture and Their Cu(II)-Complexes. <i>Journal of Solution Chemistry</i> , 2013, 42, 412-427.	0.6	31
21	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
22	Potentiometric determination of stability constants and thermodynamic data for dimethyltin(IV) dichloride complexes with iminobis(methylphosphonic acid) in water and dioxane-water mixtures. <i>Monatshefte für Chemie</i> , 2013, 144, 1467-1480.	0.9	7
23	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
24	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
25	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
26	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
27	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
28	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
29	Solution Coordination Chemistry of Organotin(IV) Cations with Bio-relevant Ligands. <i>Journal of Solution Chemistry</i> , 2012, 41, 1522-1554.	0.6	12
30	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
31	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
32	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
33	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
34	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
35	Kinetics and Mechanism for Hydrolysis of $\alpha$ -Amino Acid Esters in Mixed Ligand Complexes with Zn(II)-Nitrilo-tris(methyl phosphonic Acid). <i>Journal of Solution Chemistry</i> , 2012, 41, 249-260.	0.6	11
36	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

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37	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
38	The Palladium(II)-Picolylamine 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
39	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
40	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
41	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
42	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
43	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
44	Synthesis, Characterization, and Biological Activity of Methyl-2-( $\text{N}$ )	1.8	14
45	Potentiometric and Thermodynamic Studies of Dissociation and Metal Complexation of 4-(3-Hydroxypyridin-2-ylimino)-4-phenylbutan-2-one. <i>Journal of Chemical &amp; Engineering Data</i> , 2007, 52, 1609-1614.	1.0	27
46	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
47	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
48	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
49	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
50	Equilibrium investigation of complex formation reactions involving copper(II), nitrilo-tris(methyl) 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
51	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
52	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
53	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 656-664.	0.7	38