

Gehad Genidy Mohamed

List of Publications by Year in descending order

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220
papers

6,553
citations

66234

42
h-index

106150

65
g-index

221
all docs

221
docs citations

221
times ranked

4223
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.0	191
2	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.	2.0	173
3	Biological activity studies on metal complexes of novel tridentate Schiff base ligand. <i>Spectroscopic and thermal characterization. European Journal of Medicinal Chemistry</i> , 2009, 44, 4801-4812.	2.6	157
4	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.	2.0	119
5	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.	2.0	117
6	Removal of anionic and cationic dyes from wastewater by adsorption using multiwall carbon nanotubes. <i>Arabian Journal of Chemistry</i> , 2020, 13, 4797-4810.	2.3	115
7	Novel Schiff base ligand and its metal complexes with some transition elements. Synthesis, spectroscopic, thermal analysis, antimicrobial and <i>in vitro</i> anticancer activity. <i>Applied Organometallic Chemistry</i> , 2016, 30, 221-230.	1.7	109
8	Synthesis, characterization of Schiff base metal complexes and their biological investigation. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5048.	1.7	106
9	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.	3.9	100
10	Potentiometric determination of cetylpyridinium chloride using a new type of screen-printed ion selective electrodes. <i>Analytica Chimica Acta</i> , 2010, 673, 79-87.	2.6	99
11	Metal complexes of Schiff base derived from sulphametrole and o-vanillin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 949-958.	2.0	96
12	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.	2.0	92
13	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.	2.0	91
14	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.	1.2	90
15	Disposal screen-printed carbon paste electrodes for the potentiometric titration of surfactants. <i>Sensors and Actuators B: Chemical</i> , 2008, 135, 74-80.	4.0	90
16	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.	2.0	89
17	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.	1.8	86
18	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

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19	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.	1.7	80
20	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.	2.3	79
21	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 145, 76-84.	2.0	76
22	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.	2.0	72
23	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.	2.0	72
24	Spectral and thermal studies of thiobarbituric acid complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2000, 56, 1245-1250.	2.0	71
25	Thiol surfactant assembled on gold nanoparticles ion exchanger for screen-printed electrode fabrication. Potentiometric determination of Ce(III) in environmental polluted samples. <i>Sensors and Actuators B: Chemical</i> , 2014, 191, 192-203.	4.0	67
26	Inner metal complexes of tetradentate Schiff base: Synthesis, characterization, biological activity and molecular docking studies. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4945.	1.7	66
27	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
28	Coordination modes of bidentate lornoxicam drug with some transition metal ions. Synthesis, characterization and in vitro antimicrobial and antibreastic cancer activity studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 122, 598-608.	2.0	63
29	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.	3.9	59
30	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.	2.0	58
31	Correlation between ionic radii of metal azodye complexes and electrical conductivity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 147, 200-211.	2.0	58
32	Synthesis, spectral, thermal and biological studies of mixed ligand complexes with newly prepared Schiff base and 1,10-phenanthroline ligands. <i>Journal of Molecular Structure</i> , 2017, 1146, 153-163.	1.8	58
33	Synthesis, characterization and <i>in vitro</i> antimicrobial and anti-breast cancer activity studies of metal complexes of novel pentadentate azo dye ligand. <i>Applied Organometallic Chemistry</i> , 2016, 30, 959-973.	1.7	56
34	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.	2.0	53
35	Preparation, geometric structure, molecular docking thermal and spectroscopic characterization of novel Schiff base ligand and its metal chelates. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 2149-2171.	2.0	53
36	Synthesis, spectroscopic and thermal characterization of sulphiride 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.	2.0	52

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37	Septonex [®] tetraphenylborate screen-printed ion selective electrode for the potentiometric determination of Septonex in pharmaceutical preparations. <i>Analyst, The</i> , 2011, 136, 1488.	1.7	51
38	New Screen-Printed Ion-Selective Electrodes for Potentiometric Titration of Cetyltrimethylammonium Bromide in Different Civilic Media. <i>Electroanalysis</i> , 2010, 22, 2587-2599.	1.5	50
39	Thermal, spectroscopic studies and hydrogen bonding in supramolecular assembly of azo rhodanine complexes. <i>Inorganica Chimica Acta</i> , 2015, 430, 96-107.	1.2	50
40	Spectroscopic and density functional theory investigation of novel Schiff base complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 103, 378-387.	2.0	48
41	Synthesis, structural characterization, in vitro antimicrobial and anticancer activity studies of ternary metal complexes containing glycine amino acid and the anti-inflammatory drug lornoxicam. <i>Journal of Molecular Structure</i> , 2015, 1082, 12-22.	1.8	46
42	Novel screen-printed electrode for the determination of dodecyltrimethylammonium bromide in water samples. <i>Drug Testing and Analysis</i> , 2012, 4, 1009-1013.	1.6	44
43	Modified Screen-Printed Electrode for Potentiometric Determination of Copper(II) in Water Samples. <i>Journal of Solution Chemistry</i> , 2013, 42, 1336-1354.	0.6	44
44	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.	0.3	43
45	Complexes of 2-(2-benzimidazolylazo)-4-acetamidophenol, a phenoldiazenyl-containing ligand. Could this be a moiety suitable for Zn and Cd extraction?. <i>Polyhedron</i> , 2001, 20, 2689-2696.	1.0	41
46	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.	1.8	41
47	Synthesis, spectroscopic, thermogravimetric and antimicrobial studies of mixed ligands complexes. <i>Journal of Molecular Structure</i> , 2015, 1095, 15-25.	1.8	41
48	Geometrical structures, thermal stability and antimicrobial activity of Schiff base supramolecular and its metal complexes. <i>Journal of Molecular Liquids</i> , 2016, 215, 423-442.	2.3	41
49	Potentiometric determination of antihistaminic diphenhydramine hydrochloride in pharmaceutical preparations and biological fluids using screen-printed electrode. <i>Bioelectrochemistry</i> , 2011, 82, 79-86.	2.4	40
50	Potentiometric determination of iron in polluted water samples using new modified Fe(III)-screen printed ion selective electrode. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 2394-2400.	2.9	40
51	Analytical studies on the charge transfer complexes of loperamide hydrochloride and trimebutine drugs. Spectroscopic and thermal characterization of CT complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 129, 84-95.	2.0	40
52	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.	1.7	39
53	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.	2.0	38
54	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.	2.0	37

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55	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.	1.7	37
56	Polymer complexes. LXXVII. Synthesis, characterization, spectroscopic studies and immune response in cattle of quinoline polymer complexes. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4973.	1.7	37
57	Construction and performance characterization of screen printed and carbon paste ion selective electrodes for potentiometric determination of naphazoline hydrochloride in pharmaceutical preparations. <i>Analyst</i> , The, 2011, 136, 332-339.	1.7	36
58	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. <i>Monatshefte für Chemie</i> , 2014, 145, 755-765.	0.9	36
59	Synthesis, spectroscopic, thermal characterization, and antimicrobial activity of miconazole drug and its metal complexes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 109, 883-892.	2.0	35
60	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 107, 8-15.	2.0	35
61	Carbon paste and PVC electrodes for the flow injection potentiometric determination of dextromethorphan. <i>Talanta</i> , 2010, 81, 510-515.	2.9	33
62	Preparation, spectroscopic and thermal characterization of new metal complexes of verlipride drug. In vitro biological activity studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 91, 11-17.	2.0	33
63	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.	2.0	32
64	Supramolecular structure, molecular docking and thermal properties of azo dye complexes. <i>Journal of Molecular Liquids</i> , 2015, 212, 487-502.	2.3	32
65	Transition metal complexes of novel Schiff base. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 893-903.	2.0	32
66	Geometrical structure, potentiometric, molecular docking and thermodynamic studies of azo dye ligand and its metal complexes. <i>Journal of Molecular Liquids</i> , 2016, 218, 138-149.	2.3	32
67	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 182, 143-159.	2.0	32
68	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.	0.8	32
69	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.	2.0	31
70	Metal complexes of omeprazole. Preparation, spectroscopic and thermal characterization and biological activity. <i>Journal of Coordination Chemistry</i> , 2009, 62, 645-654.	0.8	31
71	Synthesis, spectroscopic, thermal and DFT calculations of 2-(3-amino-2-hydrazono-4-oxothiazolidin-5-yl) acetic acid binuclear metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 111, 169-177.	2.0	30
72	Geometrical structure, molecular docking, potentiometric and thermodynamic studies of 3-aminophenol azodye and its metal complexes. <i>Journal of Molecular Liquids</i> , 2015, 209, 625-634.	2.3	30

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73	Electrochemical Determination of the Antidiabetic Drug Repaglinide. <i>Yakugaku Zasshi</i> , 2008, 128, 171-177.	0.0	29
74	Determination of Mn(II) ion by a modified carbon paste electrode based on multi-walled carbon nanotubes (MWCNTs) in different water samples. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 699-707.	4.0	29
75	Supramolecular structural, thermal properties and biological activity of 3-(2-methoxyphenoxy)propane-1,2-diol metal complexes. <i>Journal of Molecular Structure</i> , 2015, 1086, 266-275.	1.8	29
76	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.	1.7	29
77	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.	1.7	29
78	A New Screen-printed Ion Selective Electrode for Determination of Citalopram Hydrobromide in Pharmaceutical Formulation. <i>Chinese Journal of Analytical Chemistry</i> , 2014, 42, 565-572.	0.9	28
79	Modified Screen-Printed Ion Selective Electrodes for Potentiometric Determination of Sodium Dodecylsulfate in Different Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2015, 98, 116-123.	0.7	28
80	Transition metal complexes of Schiff base ligand based on 4,6-diacetyl resorcinol. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5528.	1.7	27
81	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.	2.0	26
82	Disposable potentiometric sensors for monitoring cholinesterase activity. <i>Talanta</i> , 2010, 83, 357-363.	2.9	26
83	Validated voltammetric method for the determination of some antiprotozoa drugs based on the reduction at an activated glassy carbon electrode. <i>Arabian Journal of Chemistry</i> , 2013, 6, 327-333.	2.3	26
84	Geometrical structures, thermal properties and antimicrobial activity studies of azodye complexes. <i>Journal of Molecular Liquids</i> , 2016, 218, 16-34.	2.3	26
85	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.	2.0	25
86	Ternary metal complexes of guaifenesin drug: Synthesis, spectroscopic characterization and in vitro anticancer activity of the metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 451-460.	2.0	25
87	Synthesis, characterization, spectroscopic and theoretical studies of transition metal complexes of new nano Schiff base derived from histidine and acetylferrocene and evaluation of biological and anticancer activities. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4386.	1.7	25
88	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.	1.7	25
89	Potentiometric determination of La(III) in polluted water samples using modified screen-printed electrode by self-assembled mercapto compound on silver nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2015, 216, 542-550.	4.0	24
90	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.	2.0	23

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91	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.	2.0	23
92	FTIR, magnetic, mass spectral, XRD and thermal studies of metal chelates of tenoxicam. <i>Journal of Molecular Structure</i> , 2007, 841, 41-50.	1.8	23
93	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.	2.0	23
94	Structural, spectroscopic, molecular docking, thermal and DFT studies on metal complexes of bidentate orthoquinone ligand. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5065.	1.7	23
95	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.	2.0	22
96	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.	2.0	22
97	Spectroscopic and thermal degradation behavior of Mg(II), Ca(II), Ba(II) and Sr(II) complexes with paracetamol drug. <i>Arabian Journal of Chemistry</i> , 2017, 10, S2376-S2387.	2.3	22
98	Coordination behaviour and biological activity studies involving theoretical docking of bis-Schiff base ligand and some of its transition metal complexes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4603.	1.7	22
99	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.	1.8	22
100	Preparation, spectroscopic characterization and antitumor-antimicrobial studies of some Schiff base transition and inner transition mixed ligand complexes. <i>Journal of Molecular Structure</i> , 2022, 1249, 131612.	1.8	22
101	Multi-walled carbon nanotube and nanosilica chemically modified carbon paste electrodes for the determination of mercury(II) in polluted water samples. <i>Analytical Methods</i> , 2015, 7, 6280-6289.	1.3	21
102	Spectroscopic and thermal characterization of biologically and anticancer active novel Schiff base metal complexes. <i>Research on Chemical Intermediates</i> , 2016, 42, 7869-7907.	1.3	21
103	Preparation, characterization, biological activity, density functional theory calculations and molecular docking of chelates of diazo ligand derived from <i>m</i> -phenylenediamine and <i>p</i> -chlorophenol. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3753.	1.7	21
104	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. <i>Journal of Coordination Chemistry</i> , 2017, 70, 3552-3574.	0.8	21
105	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.	2.0	21
106	Towards disposable sensors for drug quality control: Dextromethorphan screen-printed electrodes. <i>Drug Testing and Analysis</i> , 2010, 2, 424-429.	1.6	20
107	Synthesis, physicochemical characterization, geometric structure and molecular docking of new biologically active ferrocene based Schiff base ligand with transition metal ions. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3858.	1.7	20
108	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.	1.7	20

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109	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. RSC Advances, 2020, 10, 17552-17560.	1.7	20
110	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.	0.8	19
111	Synthesis, characterization, theoretical study and biological activity of Schiff base nanomaterial analogues. Journal of Molecular Structure, 2019, 1181, 645-659.	1.8	19
112	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.	3.0	19
113	Antibacterial and anticorrosion behavior of bioactive complexes of selected transition metal ions with new 2-acylpyridine Schiff base. Applied Organometallic Chemistry, 2022, 36, .	1.7	19
114	Two Spectrophotometric Assays for Dopamine Derivatives in Pharmaceutical Products and in Biological Samples of Schizophrenic Patients Using Copper Tetramine Complex and Tri-iodide Reagent. Journal of Biomedicine and Biotechnology, 2005, 2005, 1-9.	3.0	18
115	Synthesis, Spectroscopic and Thermal Characterization of New Sulfasalazine Metal Complexes. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2005, 35, 483-490.	0.6	18
116	Azo dye with nitrogen donor sets of atoms and its metal complexes: Synthesis, characterization, DFT, biological, anticancer and Molecular docking studies. Applied Organometallic Chemistry, 2018, 32, e4347.	1.7	18
117	Metal complexes of novel Schiff base derived from the condensation of 2-quinoline carboxaldehyde and ambroxol drug with some transition metal ions. Applied Organometallic Chemistry, 2018, 32, e4392.	1.7	18
118	Synthesis, Characterization and Biological Activity of Transition Metals Schiff Base Complexes Derived from 4,6-Diacetylresorcinol and 1,8-Naphthalenediamine. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 2339-2359.	1.9	18
119	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.	1.2	18
120	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.	1.8	18
121	Potentiometric determination of mercury (II) ion in various real samples using novel modified screen-printed electrode. Applied Water Science, 2018, 8, 1.	2.8	17
122	Influence of organic modifier structures of 2D clay layers on thermal stability, flammability and mechanical properties of their rubber nanocomposites. Journal of Nanostructure in Chemistry, 2020, 10, 161-168.	5.3	17
123	Cyclometalated complexes containing ferrocenyl Schiff base: Preparation, characterization, DFT calculations, application in cancer and biological researches and MOE studies. Arabian Journal of Chemistry, 2020, 13, 5390-5405.	2.3	17
124	Characterization of Superparamagnetic/Monodisperse PEG-Coated Magnetite Nanoparticles Sonochemically Prepared from the Hematite Ore for Cd(II) Removal from Aqueous Solutions. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 397-414.	1.9	17
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