

Mostafa M H Khalil

List of Publications by Year in descending order

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69
papers

2,134
citations

304743

22
h-index

243625

44
g-index

69
all docs

69
docs citations

69
times ranked

2509
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis of silver nanoparticles using olive leaf extract and its antibacterial activity. Arabian Journal of Chemistry, 2014, 7, 1131-1139.	4.9	547
2	Biosynthesis of Au nanoparticles using olive leaf extract. Arabian Journal of Chemistry, 2012, 5, 431-437.	4.9	244
3	Sensitive and selective fluorometric determination and monitoring of Zn ²⁺ ions using supermicroporous Zr-MOFs chemosensors. Microchemical Journal, 2018, 139, 24-33.	4.5	74
4	Dual colorimetric and fluorometric monitoring of Bi ³⁺ ions in water using supermicroporous Zr-MOFs chemosensors. Journal of Luminescence, 2018, 198, 438-448.	3.1	70
5	Multiuse Al-MOF Chemosensors for Visual Detection and Removal of Mercury Ions in Water and Skin-Whitening Cosmetics. ACS Sustainable Chemistry and Engineering, 2020, 8, 15097-15107.	6.7	63
6	Colorimetric determination of Cu(II) ions in biological samples using metal-organic framework as scaffold. Sensors and Actuators B: Chemical, 2016, 233, 272-280.	7.8	58
7	Ratiometric Fluorescent Chemosensor for Zn ²⁺ Ions in Environmental Samples Using Supermicroporous Organic-Inorganic Structures as Potential Platforms. ChemistrySelect, 2017, 2, 11083-11090.	1.5	52
8	SYNTHESIS AND SPECTROSCOPIC STUDY OF Cu(II), Ni(II), AND Co(II) COMPLEXES OF THE LIGAND SALICYLIDENE-2-AMINO THIOPHENOL. Spectroscopy Letters, 2001, 34, 495-504.	1.0	50
9	Removal of divalent manganese from aqueous solution using glycine modified chitosan resin. Journal of Environmental Chemical Engineering, 2015, 3, 179-186.	6.7	50
10	Compartmental analysis of the fluorescence decay surface of the exciplex formation between 1-methylpyrene and triethylamine. The Journal of Physical Chemistry, 1991, 95, 9375-9381.	2.9	49
11	Superior adsorption and removal of aquaculture and bio-staining dye from industrial wastewater using microporous nanocubic Zn-MOFs. Microporous and Mesoporous Materials, 2022, 329, 111506.	4.4	42
12	Removal of ferrous ions from their aqueous solutions onto NiFe ₂ O ₄ @alginate composite beads. Journal of Environmental Chemical Engineering, 2015, 3, 1486-1496.	6.7	39
13	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
14	Antibacterial, antibiofilm and cytotoxic activities of biogenic polyvinyl alcohol-silver and chitosan-silver nanocomposites. Journal of Polymer Research, 2020, 27, 1.	2.4	36
15			

#	ARTICLE	IF	CITATIONS
19	Synthesis, characterization, and thermal analysis of ternary complexes of nitrilotriacetic acid and alanine or phenylalanine with some transition metals. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 101, 129-135.	3.6	26
20	Effect of some prepared surfactants on silver nanoparticles formation and surface solution behavior and their biological activity. <i>Journal of Molecular Liquids</i> , 2018, 266, 381-392.	4.9	26
21	Group VI Dinuclear Oxo Metal Complexes of Salicylideneimine- <i>o</i> -anisole Schiff Base. <i>Spectroscopy Letters</i> , 2003, 36, 71-82.	1.0	25
22	Magnetic nanocomposite beads: synthesis and uptake of Cu(II) ions from aqueous solutions. <i>Canadian Journal of Chemistry</i> , 2015, 93, 289-296.	1.1	24
23	Tuning the redox potential of Ag@Ag ₂ O/WO ₃ and Ag@Ag ₂ S/WO ₃ photocatalysts toward diclofenac oxidation and nitrophenol reduction. <i>Materials Research Bulletin</i> , 2021, 137, 111193.	5.2	23
24	Ruthenium, osmium and rhodium-2,3-bis(2-pyridyl)quinoxaline complexes. <i>Transition Metal Chemistry</i> , 2002, 27, 69-74.	1.4	21
25	Biogenic production of silver nanoparticles by <i>Enterobacter cloacae</i> Ism26. <i>Turkish Journal of Biology</i> , 2018, 42, 319-321.	0.8	21
26	Revealing the role of the 1T phase on the adsorption of organic dyes on MoS ₂ nanosheets. <i>RSC Advances</i> , 2019, 9, 28345-28356.	3.6	19
27	Synthesis, Characterization, and Computational Chemical Study of Aliphatic Tricationic Surfactants as Corrosion Inhibitors for Metallic Equipment in Oil Fields. <i>ACS Omega</i> , 2020, 5, 26626-26639.	3.5	19
28	Decorated nanosphere mesoporous silica chemosensors for rapid screening and removal of toxic cadmium ions in well water samples. <i>Microchemical Journal</i> , 2020, 156, 104806.	4.5	18
29	Mesoporous nanosensors for sensitive monitoring and removal of copper ions in wastewater samples. <i>New Journal of Chemistry</i> , 2021, 45, 2573-2581.	2.8	17
30	Chromium, molybdenum and ruthenium complexes of chloranilic acid. <i>Transition Metal Chemistry</i> , 2000, 25, 121-125.	1.4	16
31	Molybdenum and tungsten complexes of biquinoline. Crystal structure of W(CO) ₄ (2,2'-biquinoline). <i>Transition Metal Chemistry</i> , 2003, 28, 331-335.	1.4	16
32	Some divalent metal(II) complexes of novel potentially tetradentate Schiff base N,N'-bis(2-carboxyphenylimine)-5-thiophenedicarboxaldehyde: Synthesis, spectroscopic characterization and bioactivities. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3730.	3.5	15
33	Synthesis and application studies of chitosan acryloylthiourea derivative for the separation of rare earth elements. <i>Journal of Dispersion Science and Technology</i> , 2018, 39, 605-613.	2.4	14
34	Geochemical and Isotopic Evidence of Groundwater Salinization Processes in El Dabaa Area, Northwestern Coast, Egypt. <i>Geosciences (Switzerland)</i> , 2018, 8, 392.	2.2	14
35	Determination of some essential and toxic elements composition of commercial infant formula in the Egyptian market and their contribution to dietary intake of infants. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 525-548.	3.3	14
36	Effect of cinnamon oil encapsulated with silica nanoparticles on some biological and biochemical aspects of the rice moth, <i>Corcyra cephalonica</i> (Staint.) (Lepidoptera: Pyralidae). <i>Annals of Agricultural Sciences</i> , 2020, 65, 1-5.	2.9	14

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37	Electrocatalytic Oxidation of Methanol at Nanoparticle-Based MnOx/NiOx/Pt Ternary Catalysts: Optimization of Loading Level and Order of Deposition. <i>Journal of the Electrochemical Society</i> , 2014, 161, F1340-F1347.	2.9	13
38	Synthesis of pure and doped SnO ₂ and NiO nanoparticles and evaluation of their photocatalytic activity. <i>Materials Chemistry and Physics</i> , 2022, 275, 125190.	4.0	13
39	Global compartmental analysis of the fluorescence decay surfaces of the excimer of 1-cyanopyrene and of the exciplex of 1-cyanopyrene with 1,2-dimethylindole in toluene. <i>The Journal of Physical Chemistry</i> , 1993, 97, 3111-3122.	2.9	12
40	Thermal studies of chromium, molybdenum and ruthenium complexes of chloranilic acid. <i>Thermochimica Acta</i> , 2000, 359, 37-42.	2.7	12
41	M(co) ₄ [2-(2- π -Pyridyl)Benzimidazole] Complexes; m = mo or w. <i>Transition Metal Chemistry</i> , 2000, 25, 358-360.	1.4	12
42	Distribution of phthalate esters in Egyptian edible oil. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2014, 17, 1343-1351.	1.9	12
43	A Novel Method for the Assessment of Cortisol Hormone in Different Body Fluids Using A New Photo Probe Thiazole Derivative. <i>Journal of Fluorescence</i> , 2014, 24, 337-344.	2.5	12
44	Promising ethylene glycol electro-oxidation at tailor-designed NiOx/Pt nanocatalyst. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 5095-5104.	7.1	12
45	Acetonitrile-Ethyl acetate based method for the residue analysis of 373 pesticides in beeswax using LC-MS/MS and GC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1145, 122106.	2.3	12
46	Groundwater quality assessment using water quality index and multivariate statistical analysis case study: East Matrouh, Northwestern coast, Egypt. <i>Environmental Science and Pollution Research</i> , 2022, 29, 65699-65722.	5.3	12
47	Fluorescence quenching in molecular recognition by hydrogen bonding. <i>Supramolecular Science</i> , 1995, 2, 175-182.	0.7	11
48	Adsorption of Fe(III) from Aqueous Medium onto Glycine-Modified Chitosan Resin: Equilibrium and Kinetic Studies. <i>Journal of Dispersion Science and Technology</i> , 2014, 35, 1691-1698.	2.4	11
49	Comparative therapeutic effects of <i>Pituranthos tortuosus</i> aqueous extract and phyto-synthesized gold nanoparticles on <i>Helicobacter pylori</i> , diabetic and cancer proliferation. <i>South African Journal of Botany</i> , 2021, 139, 167-174.	2.5	11
50	Preparation of magnetic carbon nanotube nanocomposite for enhancing the separation of dissolved hydrocarbon from petroleum wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 2240-2250.	6.7	9
51	Synthesis, structural characterization, antimicrobial, antioxidant and DNA binding studies of some novel homo- π -binuclear Schiff base metal (II) complexes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4404.	3.5	9
52	EIS-Activity Correlation for the Electro-Oxidation of Ethylene Glycol at Nanoparticles-Based Electrocatalysts. <i>Journal of the Electrochemical Society</i> , 2019, 166, F364-F376.	2.9	9
53	Microwave Assisted production of hydrophilic carbon-based magnetic nanocomposites from saw-dust for elevating oil from oil field waste water. <i>Journal of Cleaner Production</i> , 2020, 249, 119355.	9.3	9
54	Reliable HPLC Determination of Aflatoxin M1 in Eggs. <i>Journal of Analytical Methods in Chemistry</i> , 2013, 2013, 1-5.	1.6	7

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55	Optimal design of silver@silver sulfide-modified WS ₂ and its application in photocatalytic diclofenac degradation and H ₂ generation. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106446.	6.7	7
56	Polycyclic aromatic hydrocarbons (PAHs) in Greater Cairo water supply systems. <i>Journal of Water and Health</i> , 2022, 20, 680-691.	2.6	7
57	Synthesis and characterization of isatin complexes with M(CO) ₆ , M=Cr or Mo. <i>Journal of Coordination Chemistry</i> , 2007, 60, 1191-1201.	2.2	6
58	Application of laser speckle interferometry for the study of Co ₂ Fe ₂ O ₄ magnetic fluids. <i>Physica Scripta</i> , 2012, 86, 015403.	2.5	6
59	Group 6 metal carbonyl complexes of 3H-spiro[indole-3,2-[1,3]benzothiazole-2(1H)]-one. <i>Journal of Saudi Chemical Society</i> , 2010, 14, 33-39.	5.2	5
60	Development of a selective and sensitive colour reagent for gold and silver ions and its application to desktop scanner analysis. <i>RSC Advances</i> , 2019, 9, 36358-36365.	3.6	5
61	Potential human health risk assessment of potentially toxic elements intake via consumption of soft drinks purchased from different Egyptian markets. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 3485-3507.	3.3	5
62	Assessment of human health risk due to potentially toxic elements intake via consumption of Egyptian rice-based and wheat-based baby cereals. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 6936-6954.	3.3	4
63	Divalent manganese, cobalt, copper and cadmium complexes of (Z)-N-benzoyl-N-(1H)-Tj ETQq1 1 0.784314 rgBT /Over studies. <i>Applied Organometallic Chemistry</i> , 2021, 35, .	3.5	4
64	Thermal studies and mass loss inhibition for some new mixed amino acid metal complexes with their applications. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 289-300.	3.6	2
65	Prolonged preservation of corn oil via gold nanoparticles. <i>Journal of Food Processing and Preservation</i> , 2018, 42, e13358.	2.0	2
66	Aluminum sulfate regeneration from surface water treatment waste in Cairo, Egypt. <i>Environmental Science and Pollution Research</i> , 2021, 28, 61450-61459.	5.3	2
67	Novel Chromium, Molybdenum, and Tungsten Complexes of 2-pyridylamidoxime. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2010, 40, 719-724.	0.6	1
68	Magnetic nanocomposite beads: synthesis and uptake of Cu(II) ions from aqueous solutions. <i>Canadian Journal of Chemistry</i> , 0, , 1-8.	1.1	1
69	Macro- and nano-oligomers ternary metal complexes preparation, structural elucidation: Antimicrobial, anticancer activities, and mechanistic study of Cu nanocomplexes on liver carcinoma. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6392.	3.5	0