

Mostafa M H Khalil

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6238743/publications.pdf>

Version: 2024-02-01

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Superior adsorption and removal of aquaculture and bio-staining dye from industrial wastewater using microporous nanocubic Zn-MOFs. <i>Microporous and Mesoporous Materials</i> , 2022, 329, 111506. | 4.4 | 42 |
| 5 | Polycyclic aromatic hydrocarbons (PAHs) in Greater Cairo water supply systems. <i>Journal of Water and Health</i> , 2022, 20, 680-691. | 2.6 | 7 |
| 6 | 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 |
| 7 | Divalent manganese, cobalt, copper and cadmium complexes of (Z)-N-benzoyl-N-ethyl-L-tyrosine studies. <i>Applied Organometallic Chemistry</i> , 2021, 35, . | 3.5 | 4 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Microwave Assisted production of hydrophilic carbon-based magnetic nanocomposites from saw-dust for elevating oil from oilfield waste water. <i>Journal of Cleaner Production</i> , 2020, 249, 119355. | 9.3 | 9 |
| 16 | Multiuse Al-MOF Chemosensors for Visual Detection and Removal of Mercury Ions in Water and Skin-Whitening Cosmetics. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 15097-15107. | 6.7 | 63 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Antibacterial, antibiofilm and cytotoxic activities of biogenic polyvinyl alcohol-silver and chitosan-silver nanocomposites. <i>Journal of Polymer Research</i> , 2020, 27, 1. | 2.4 | 36 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Sensitive and selective fluorometric determination and monitoring of Zn ²⁺ ions using supermicroporous Zr-MOFs chemosensors. <i>Microchemical Journal</i> , 2018, 139, 24-33. | 4.5 | 74 |
| 26 | Dual colorimetric and fluorometric monitoring of Bi ³⁺ ions in water using supermicroporous Zr-MOFs chemosensors. <i>Journal of Luminescence</i> , 2018, 198, 438-448. | 3.1 | 70 |
| 27 | Prolonged preservation of corn oil via gold nanoparticles. <i>Journal of Food Processing and Preservation</i> , 2018, 42, e13358. | 2.0 | 2 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | Synthesis, structural characterization, antimicrobial, antioxidant and DNA binding studies of some novel homo-binuclear Schiff base metal (II) complexes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4404. | 3.5 | 9 |
| 32 | Biogenic production of silver nanoparticles by <i>Enterobacter cloacae</i> Ism26. <i>Turkish Journal of Biology</i> , 2018, 42, 319-321. | 0.8 | 21 |
| 33 | Biosorption of lanthanum from aqueous solutions using magnetic alginate beads. <i>Journal of Dispersion Science and Technology</i> , 2017, 38, 145-151. | 2.4 | 31 |
| 34 | 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 |
| 35 | Some divalent metal(II) complexes of novel potentially tetradentate Schiff base <i>N,N'</i> -bis(2-carboxyphenylimine)-2,5-thiophenedicarboxaldehyde: Synthesis, spectroscopic characterization and bioactivities. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3730. | 3.5 | 15 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Ratiometric Fluorescent Chemosensor for Zn ²⁺ Ions in Environmental Samples Using Supramicroporous Organic-Inorganic Structures as Potential Platforms. <i>ChemistrySelect</i> , 2017, 2, 11083-11090. | 1.5 | 52 |
| 38 | Colorimetric determination of Cu(II) ions in biological samples using metal-organic framework as scaffold. <i>Sensors and Actuators B: Chemical</i> , 2016, 233, 272-280. | 7.8 | 58 |
| 39 | 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 |
| 40 | Removal of divalent manganese from aqueous solution using glycine modified chitosan resin. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 179-186. | 6.7 | 50 |
| 41 | Removal of ferrous ions from their aqueous solutions onto NiFe ₂ O ₄ alginate composite beads. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 1486-1496. | 6.7 | 39 |
| 42 | 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 |
| 43 | 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 |
| 44 | Distribution of phthalate esters in Egyptian edible oil. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2014, 17, 1343-1351. | 1.9 | 12 |
| 45 | 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. | 1.8 | 36 |
| 46 | 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 |
| 47 | 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 |
| 48 | Green synthesis of silver nanoparticles using olive leaf extract and its antibacterial activity. <i>Arabian Journal of Chemistry</i> , 2014, 7, 1131-1139. | 4.9 | 547 |
| 49 | Efficient removal of ferric ions from aqueous medium by amine modified chitosan resins. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 566-573. | 6.7 | 27 |
| 50 | Reliable HPLC Determination of Aflatoxin M1 in Eggs. <i>Journal of Analytical Methods in Chemistry</i> , 2013, 2013, 1-5. | 1.6 | 7 |
| 51 | Biosynthesis of Au nanoparticles using olive leaf extract. <i>Arabian Journal of Chemistry</i> , 2012, 5, 431-437. | 4.9 | 244 |
| 52 | Application of laser speckle interferometry for the study of Co ₂ Fe ₂ (1 st)Fe ₂ O ₄ magnetic fluids. <i>Physica Scripta</i> , 2012, 86, 015403. | 2.5 | 6 |
| 53 | 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 |
| 54 | Group 6 metal carbonyl complexes of 3 ^H -spiro[indole-3,2-benzothiazole-2(1H)]-one. <i>Journal of Saudi Chemical Society</i> , 2010, 14, 33-39. | 5.2 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Novel Chromium, Molybdenum, and Tungsten Complexes of 2-pyridylamidoxime. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2010, 40, 719-724. | 0.6 | 1 |
| 56 | Synthesis and characterization of isatin complexes with M(CO) ₆ , M=Cr or Mo. Journal of Coordination Chemistry, 2007, 60, 1191-1201. | 2.2 | 6 |
| 57 | Molybdenum and tungsten complexes of biquinoline. Crystal structure of W(CO) ₄ (2,2'-biquinoline). Transition Metal Chemistry, 2003, 28, 331-335. | 1.4 | 16 |

58