

Ahmed M Alharbi

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

567
citations

623574

14
h-index

642610

23
g-index

29
all docs

29
docs citations

29
times ranked

452
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile synthesis of Fe ₂ O ₃ nanoparticles from Egyptian insecticide cans for efficient photocatalytic degradation of methylene blue and crystal violet dyes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117195.	2.0	96
2	Facile fabrication of novel analcime/sodium aluminum silicate hydrate and zeolite Y/faujasite mesoporous nanocomposites for efficient removal of Cu(II) and Pb(II) ions from aqueous media. <i>Journal of Materials Research and Technology</i> , 2020, 9, 7900-7914.	2.6	49
3	Efficient photocatalytic degradation of malachite green dye using facilely synthesized hematite nanoparticles from Egyptian insecticide cans. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 226, 117612.	2.0	41
4	Newly synthesized indolium-based ionic liquids as unprecedented inhibitors for the corrosion of mild steel in acid medium. <i>Journal of Molecular Liquids</i> , 2019, 291, 111356.	2.3	32
5	Facile Synthesis of Mordenite Nanoparticles for Efficient Removal of Pb(II) Ions from Aqueous Media. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 1369-1383.	1.9	32
6	Investigation of three synthesized propane bis-oxindoline derivatives as inhibitors for the corrosion of mild steel in sulfuric acid solutions. <i>Journal of Molecular Structure</i> , 2021, 1223, 129318.	1.8	31
7	Facile Hydrothermal Fabrication of Analcime and Zeolite X for Efficient Removal of Cd(II) Ions From Aqueous Media and Polluted Water. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 4117-4128.	1.9	26
8	Facile synthesis of novel zinc sulfide/chitosan composite for efficient photocatalytic degradation of acid brown 5G and acid black 2BNG dyes. <i>AEJ - Alexandria Engineering Journal</i> , 2021, 60, 2167-2178.	3.4	26
9	The polarographic and corrosion inhibition performance of some Schiff base compounds derived from 2-amino-3-hydroxypyridine in aqueous media. <i>Egyptian Journal of Petroleum</i> , 2019, 28, 393-399.	1.2	25
10	Combating Essential Metal Toxicity: Key Information from Optical Spectroscopy. <i>ACS Omega</i> , 2020, 5, 15666-15672.	1.6	25
11	Synthesis and Structural Elucidation for New Schiff Base Complexes; Conductance, Conformational, MOE-Docking and Biological Studies. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 3595-3607.	1.9	23
12	Novel one pot synthesis and spectroscopic characterization of a folate-Mn ₃ O ₄ nanohybrid for potential photodynamic therapeutic application. <i>RSC Advances</i> , 2019, 9, 30216-30225.	1.7	18
13	Bioactive fluorenes. part I. Synthesis, pharmacological study and molecular docking of novel dihydrofolate reductase inhibitors based-2,7-dichlorofluorene. <i>Heliyon</i> , 2019, 5, e01982.	1.4	17
14	A Smart Nanotherapeutic Agent for in-vitro and in-vivo Reversal of Heavy Metal-Induced Causality: Key Information from Optical Spectroscopy. <i>ChemMedChem</i> , 2020, 15, 420-429.	1.6	16
15	Enhance production of fungal cellulase cocktail using cellulosic waste. <i>Environmental Technology and Innovation</i> , 2020, 19, 100949.	3.0	16
16	Polarographic Performance of Some Azo Derivatives Derived from 2-amino-4-hydroxy Pyridine and Its Inhibitory Effect on C-steel Corrosion in Hydrochloric acid. <i>Oriental Journal of Chemistry</i> , 2019, 35, 98-109.	0.1	15
17	Synthesis and characterization of Cu(II)-pyrazole complexes for possible anticancer agents; conformational studies as well as compatible in-silico and in-vitro assays. <i>Heliyon</i> , 2021, 7, e08485.	1.4	12
18	Spectroscopic Studies on the Biomolecular Recognition of Toluidine Blue: Key Information Towards Development of a Non-Contact, Non-Invasive Device for Oral Cancer Detection. <i>Frontiers in Oncology</i> , 2020, 10, 529132.	1.3	8

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19	Studying some analytical parameters affecting the removal of Mn(II) ions from aqueous media using facilely synthesised analcime. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-12.	1.8	8
20	Functionalized MOF as a Sensitive Spectroscopic Probe for Hg ²⁺ , Co ²⁺ , and Al ³⁺ Ions Detection in Aqueous Media. <i>ACS Omega</i> , 2022, 7, 17483-17491.	1.6	8
21	Facile hydrothermal synthesis of glutamine-assisted tin oxide nanorods for efficient photocatalytic degradation of crystal violet dye. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 7647-7658.	1.8	7
22	Bioactive Fluorenes. Part II. Unprecedented biologically active thiazole derivatives based-2,7-dichlorofluorene as competent DHFR inhibitors: Design, synthesis, and molecular docking approaches. <i>Arabian Journal of Chemistry</i> , 2020, 13, 5451-5462.	2.3	7
23	Efficient removal of Ni(II) ions from aqueous solutions using analcime modified with dimethylglyoxime composite. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103197.	2.3	7
24	Nanoparticle-based "turn-on" scattering and post-sample fluorescence for ultrasensitive detection of water pollution in wider window. <i>PLoS ONE</i> , 2020, 15, e0227584.	1.1	6
25	The synergistic role of azeotropic solvent mixtures and atactic polystyrene on the morphology, crystallization and field effect mobility of thin film 6,13-bis(triisopropylsilylethynyl)-pentacene based semiconductors. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 9804-9813.	1.1	5
26	Eco-friendly ultrasound-assisted ionic liquid-based dispersive liquid-liquid microextraction of nickel in water, food and tobacco samples prior to FAAS determination. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 899-910.	1.8	5
27	Nucleophilicity and solvent effects on the kinetics of 4-(pyren-1-yl)thiazol-2-amine interaction with 4,6-dinitrobenzofuroxan. <i>Arabian Journal of Chemistry</i> , 2020, 13, 3702-3713.	2.3	4
28	Highly Selective Optical Sensor Eu (TTA) ₃ Phen Embedded in Poly Methacrylate for Assessment of Total Prostate Specific Antigen Tumor Marker in Male Serum Suffering Prostate Diseases. <i>Frontiers in Chemistry</i> , 2020, 8, 561052.	1.8	2