

Sayed A Ahmed

List of Publications by Year in descending order

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48
papers

1,459
citations

331670

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330143

37
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53
all docs

53
docs citations

53
times ranked

1457
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimentally and theoretically approaches for Congo red dye adsorption on novel kaolinite-alga nano-composite. International Journal of Environmental Analytical Chemistry, 2023, 103, 7229-7251.	3.3	8
2	Adsorption of Mn ⁺⁷ ions on chitosan/cellulose composite: experimentally and theoretically approaches. Journal of Dispersion Science and Technology, 2022, 43, 1525-1542.	2.4	9
3	Xanthine Oxidase Inhibitory Activity of Euphorbia peplus L. Phenolics. Combinatorial Chemistry and High Throughput Screening, 2022, 25, 1336-1344.	1.1	3
4	Polyethersulfone Blended with Titanium Dioxide Nanoribbons/Multi-Wall Carbon Nanotubes for Strontium Removal from Water. Polymers, 2022, 14, 1390.	4.5	2
5	Novel Wastewater Treatment by Using Newly Prepared Green Seaweedâ€Zeolite Nanocomposite. ACS Omega, 2022, 7, 11044-11056.	3.5	8
6	Nano metal oxide impregnated Chitosan-4-nitroacetophenone for industrial dye removal. International Journal of Environmental Analytical Chemistry, 2021, 101, 1850-1877.	3.3	27
7	Cytotoxic activity, molecular docking, pharmacokinetic properties and quantum mechanics calculations of the brown macroalga <i>Cystoseira trinodis</i> compounds. Journal of Biomolecular Structure and Dynamics, 2021, 39, 3855-3873.	3.5	22
8	Bis-indole alkaloid caulerpin from a new source <i>Sargassum platycarpum</i> : isolation, characterization, <i>in vitro</i> anticancer activity, binding with nucleobases by DFT calculations and MD simulation. Journal of Biomolecular Structure and Dynamics, 2021, 39, 5137-5147.	3.5	13
9	Isolation, characterization, <i>in vitro</i> anticancer activity, dft calculations, molecular docking, bioactivity score, drug-likeness and admet studies of eight phytoconstituents from brown alga <i>sargassum platycarpum</i> . Journal of Molecular Structure, 2021, 1225, 129245.	3.6	43
10	Experimentally and theoretically approaches for disperse red 60 dye adsorption on novel quaternary nanocomposites. Scientific Reports, 2021, 11, 10000.	3.3	15
11	Fabrication and Application of Zeolite/Acanthophora Spicifera Nanoporous Composite for Adsorption of Congo Red Dye from Wastewater. Nanomaterials, 2021, 11, 2441.	4.1	20
12	Combination and tricomination therapy to destabilize the structural integrity of COVID-19 by some bioactive compounds with antiviral drugs: insights from molecular docking study. Structural Chemistry, 2021, 32, 1415-1430.	2.0	19
13	Design, characterization, and adsorption properties of Padina gymnospora/zeolite nanocomposite for Congo red dye removal from wastewater. Scientific Reports, 2021, 11, 21058.	3.3	27
14	H ₂ O ₂ -activated anthracite impregnated with chitosan as a novel composite for Cr(VI) and methyl orange adsorption in single-compound and binary systems: Modeling and mechanism interpretation. Chemical Engineering Journal, 2020, 380, 122445.	12.7	87
15	Insight into novel Î²-cyclodextrin-grafted-poly (N-vinylcaprolactam) nanogel structures as advanced carriers for 5-fluorouracil: Equilibrium behavior and pharmacokinetic modeling. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 586, 124197.	4.7	77
16	Instantaneous photocatalytic degradation of malachite green dye under visible light using novel green Coâ€ZnO/algae composites. Research on Chemical Intermediates, 2020, 46, 1955-1973.	2.7	52
17	Zinc aluminate nanoparticles: Preparation, characterization and application as efficient and economic catalyst in transformation of waste cooking oil into biodiesel. Journal of Molecular Liquids, 2020, 302, 112377.	4.9	31
18	The inhibitory effect of some natural bioactive compounds against SARS-CoV-2 main protease: insights from molecular docking analysis and molecular dynamic simulation. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2020, 55, 1373-1386.	1.7	40

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19	Destabilizing the structural integrity of COVID-19 by caulerpin and its derivatives along with some antiviral drugs: An in silico approaches for a combination therapy. Structural Chemistry, 2020, 31, 2391-2412.	2.0	31
20	Synthesis and radiolabeling of vitamin C-stabilized selenium nanoparticles as a promising approach in diagnosis of solid tumors. Journal of Radioanalytical and Nuclear Chemistry, 2020, 325, 237-244.	1.5	12
21	Exhibiting the diagnostic face of selenium nanoparticles as a radio-platform for tumor imaging. Bioorganic Chemistry, 2020, 100, 103910.	4.1	19
22	Rumex dentatus L. phenolics ameliorate hyperglycemia by modulating hepatic key enzymes of carbohydrate metabolism, oxidative stress and PPAR α in diabetic rats. Food and Chemical Toxicology, 2020, 138, 111202.	3.6	32
23	GC/MS spectroscopic approach, antimicrobial activity and cytotoxicity of some marine macroalgae from Qusier and Marsa Alam Seashore (Red Sea), Egypt. Egyptian Journal of Aquatic Biology and Fisheries, 2020, 24, 125-144.	0.4	5
24	Diatomite supported by CaO/MgO nanocomposite as heterogeneous catalyst for biodiesel production from waste cooking oil. Journal of Molecular Liquids, 2019, 279, 224-231.	4.9	177
25	Statistical physics-based analysis of the adsorption of Cu $^{2+}$ and Zn $^{2+}$ onto synthetic cancrinite in single-compound and binary systems. Journal of Environmental Chemical Engineering, 2019, 7, 103217.	6.7	45
26	Surface decoration of diatomite by Ni/NiO nanoparticles as hybrid composite of enhanced adsorption properties for malachite green dye and hexavalent chromium. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 577, 583-593.	4.7	50
27	Cu $^{2+}$ and Zn $^{2+}$ adsorption onto synthetic cancrinite in single-compound and binary systems. Journal of Environmental Chemical Engineering, 2019, 7, 103217.	6.1	29
28	Adsorption of Cd $^{2+}$ and Cr $^{3+}$ ions from aqueous solutions by using residue of Padina gymnospora waste as promising low-cost adsorbent. Heliyon, 2019, 5, e01287.	3.2	61
29	Synthesis and characterization of N-alkyl-2-aminopyridinium oligomers as pour point depressants for crude oil. Egyptian Journal of Petroleum, 2018, 27, 1337-1344.	2.6	3
30	Adsorption of chromium(VI) from aqueous solution by glycine modified cross-linked chitosan resin. Egyptian Journal of Chemistry, 2018, .	0.2	3
31	Low cost embedded hardware based multi-frequency Eddy Current Testing System. , 2016, , .		1
32	Synthesis and Surface Activity of Nonionic Surfactants Derived from Gallic Acid. Arabian Journal for Science and Engineering, 2016, 41, 67-73.	1.1	11
33	A phytochemical and computational study on flavonoids isolated from Trifolium resupinatum L. and their novel hepatoprotective activity. Food and Function, 2016, 7, 2094-2106.	4.6	57
34	Synthesis and Cytotoxicity Evaluation of Some Novel Thiazoles, Thiadiazoles, and Pyrido[2,3-d][1,2,4]triazolo[4,3-a]pyrimidin-5(1H)-ones Incorporating Triazole Moiety. Molecules, 2015, 20, 1357-1376.	3.8	57
35	Cytotoxic Activities of Flavonoids from <i>Centaurea scoparia</i> . Scientific World Journal, The, 2014, 2014, 1-7.	2.1	10
36	Synthesis and Antimicrobial Activity of Some New 5-Arylazothiazole, Pyrazolo[1,5-a] Pyrimidine, [1,2,4]Triazolo[4,3-a]Pyrimidine, and Pyrimido[1,2-a]Benzimidazole Derivatives Containing the Thiazole Moiety. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 709-718.	1.6	41

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37	Synthesis and anti-tumor activities of some new pyridines and pyrazolo[1,5-a]pyrimidines. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3519-3523.	5.5	111
38	Synthesis of Some New Pyrazolo[1,5-a]Pyrimidines. <i>Journal of Chemical Research</i> , 2008, 2008, 26-31.	1.3	6
39	Synthesis of some pyrazolopyrimidines as purine analogues. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 803-810.	2.6	35
40	Reactions of Hydrazonoyl Halides 47: Synthesis of Some New 2,3-dihydro-1,3,4-thiadiazoles, Triazolo[4,3-a]pyrimidines, and Pyrazolo[3,4-d]pyridazines with Expected Biological Activity. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2006, 181, 825-837.	1.6	10
41	Synthesis and reactions of 2-chloro-2-(hydroximino)-1-(4-methyl-2-phenylthiazol-5-yl)ethanone. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 249-254.	2.6	13
42	Reaction of hydrazonoyl halides 49 : Synthesis and antimicrobial activity of some new pyrimido[1,2-b][1,2,4,5]tetrazin-6-one, tetrazino[3,2-b]quinazolin-5-one, pyrimidino[1,2-b]1,2,4,5-tetrazin-5-one and triazolo[4,3-a]pyrimidine derivatives. <i>Journal of Sulfur Chemistry</i> , 2005, 26, 405-410.	2.0	9
43	Novel Intramolecular Cyclization of Pyrazolone Ketene S,N-Acetals for the Construction of Methylsulfanylpyrazolo[4,3-b]pyridines.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
44	NOVEL INTRAMOLECULAR CYCLIZATION OF PYRAZOLONE KETENES,N-ACETALS FOR THE CONSTRUCTION OF METHYLSULFANYLPYRAZOLO- [4,3-b]PYRIDINES. <i>Synthetic Communications</i> , 2002, 32, 3509-3517.	2.1	14
45	Novel Synthesis of Thioguanine and Sulfanylpurine Analogues: Reaction of Heterocyclic Ketene Dithioacetals with Nucleophiles. <i>Journal of Chemical Research Synopses</i> , 1998, , 162-163.	0.3	24
46	Synthesis of some novel $\hat{\pm}$ -cyanoketene S,S-acetals and their use in heterocyclic synthesis. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 3285-3290.	0.9	65
47	Removal of iron (II) from wastewater in oil field using 3-(p-methyl) phenyl-5-thionyl-1,2,4-triazoline assembled on silver nanoparticles. , 0, 142, 244-251.		6
48	Removal of chromium and cadmium ions from aqueous solution using residue of <i>Rumex dentatus</i> L. plant waste. , 0, 149, 181-193.		18