

# Sayed A Ahmed

## List of Publications by Year in descending order

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48  
papers

1,459  
citations

331670

21  
h-index

330143

37  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1457  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diatomite supported by CaO/MgO nanocomposite as heterogeneous catalyst for biodiesel production from waste cooking oil. <i>Journal of Molecular Liquids</i> , 2019, 279, 224-231.	4.9	177
2	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
3	H <sub>2</sub> O <sub>2</sub> -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. <i>Chemical Engineering Journal</i> , 2020, 380, 122445.	12.7	87
4	Insight into novel $\beta$ -cyclodextrin-grafted-poly (N-vinylcaprolactam) nanogel structures as advanced carriers for 5-fluorouracil: Equilibrium behavior and pharmacokinetic modeling. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 586, 124197.	4.7	77
5	Synthesis of some novel $\beta$ -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
6	Adsorption of Cd <sup>2+</sup> and Cr <sup>3+</sup> ions from aqueous solutions by using residue of <i>Padina gymnospora</i> waste as promising low-cost adsorbent. <i>Heliyon</i> , 2019, 5, e01287.	3.2	61
7	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. <i>Molecules</i> , 2015, 20, 1357-1376.	3.8	57
8	A phytochemical and computational study on flavonoids isolated from <i>Trifolium resupinatum</i> L. and their novel hepatoprotective activity. <i>Food and Function</i> , 2016, 7, 2094-2106.	4.6	57
9	Instantaneous photocatalytic degradation of malachite green dye under visible light using novel green Co <sup>2+</sup> /ZnO/algae composites. <i>Research on Chemical Intermediates</i> , 2020, 46, 1955-1973.	2.7	52
10	Surface decoration of diatomite by Ni/NiO nanoparticles as hybrid composite of enhanced adsorption properties for malachite green dye and hexavalent chromium. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 577, 583-593.	4.7	50
11	Statistical physics-based analysis of the adsorption of Cu <sup>2+</sup> and Zn <sup>2+</sup> onto synthetic cancrinite in single-compound and binary systems. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103217.	6.7	45
12	Isolation, characterization, in vitro anticancer activity, dft calculations, molecular docking, bioactivity score, drug-likeness and admet studies of eight phytoconstituents from brown alga <i>sargassum platycarpum</i> . <i>Journal of Molecular Structure</i> , 2021, 1225, 129245.	3.6	43
13	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. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 709-718.	1.6	41
14	The inhibitory effect of some natural bioactive compounds against SARS-CoV-2 main protease: insights from molecular docking analysis and molecular dynamic simulation. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020, 55, 1373-1386.	1.7	40
15	Synthesis of some pyrazolopyrimidines as purine analogues. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 803-810.	2.6	35
16	<i>Rumex dentatus</i> L. phenolics ameliorate hyperglycemia by modulating hepatic key enzymes of carbohydrate metabolism, oxidative stress and PPAR $\gamma$ in diabetic rats. <i>Food and Chemical Toxicology</i> , 2020, 138, 111202.	3.6	32
17	Zinc aluminate nanoparticles: Preparation, characterization and application as efficient and economic catalyst in transformation of waste cooking oil into biodiesel. <i>Journal of Molecular Liquids</i> , 2020, 302, 112377.	4.9	31
18	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. <i>Structural Chemistry</i> , 2020, 31, 2391-2412.	2.0	31

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19	$\text{Cu}^{2+}$ and $\text{Cu}^{+}$ Nano metal oxide impregnated Chitosan-4-nitroacetophenone for industrial dye removal. International Journal of Environmental Analytical Chemistry, 2021, 101, 1850-1877.	6.1	29
20	Nano metal oxide impregnated Chitosan-4-nitroacetophenone for industrial dye removal. International Journal of Environmental Analytical Chemistry, 2021, 101, 1850-1877.	3.3	27
21	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
22	Novel Synthesis of Thioguanine and Sulfanylpurine Analogues: Reaction of Heterocyclic Ketene Dithioacetals with Nucleophiles. Journal of Chemical Research Synopses, 1998, , 162-163.	0.3	24
23	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
24	Fabrication and Application of Zeolite/Acanthophora Spicifera Nanoporous Composite for Adsorption of Congo Red Dye from Wastewater. Nanomaterials, 2021, 11, 2441.	4.1	20
25	Exhibiting the diagnostic face of selenium nanoparticles as a radio-platform for tumor imaging. Bioorganic Chemistry, 2020, 100, 103910.	4.1	19
26	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
27	Removal of chromium and cadmium ions from aqueous solution using residue of Rumex dentatus L. plant waste. , 0, 149, 181-193.		18
28	Experimentally and theoretically approaches for disperse red 60 dye adsorption on novel quaternary nanocomposites. Scientific Reports, 2021, 11, 10000.	3.3	15
29	NOVEL INTRAMOLECULAR CYCLIZATION OF PYRAZOLONE KETENES,N-ACETALS FOR THE CONSTRUCTION OF METHYLSULFANYLPYRAZOLO- [4,3-b]PYRIDINES. Synthetic Communications, 2002, 32, 3509-3517.	2.1	14
30	Synthesis and reactions of 2-chloro-2-(hydroximino)-1-(4-methyl-2-phenylthiazol-5-yl)ethanone. Journal of Heterocyclic Chemistry, 2006, 43, 249-254.	2.6	13
31	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
32	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
33	Synthesis and Surface Activity of Nonionic Surfactants Derived from Gallic Acid. Arabian Journal for Science and Engineering, 2016, 41, 67-73.	1.1	11
34	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. Phosphorus, Sulfur and Silicon and the Related Elements, 2006, 181, 825-837.	1.6	10
35	Cytotoxic Activities of Flavonoids from <i>Centaurea scoparia</i> . Scientific World Journal, The, 2014, 2014, 1-7.	2.1	10
36	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. Journal of Sulfur Chemistry, 2005, 26, 405-410.	2.0	9

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37	Adsorption of Mn <sup>+7</sup> ions on chitosan/cellulose composite: experimentally and theoretically approaches. Journal of Dispersion Science and Technology, 2022, 43, 1525-1542.	2.4	9
38	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
39	Novel Wastewater Treatment by Using Newly Prepared Green Seaweed-Zeolite Nanocomposite. ACS Omega, 2022, 7, 11044-11056.	3.5	8
40	Synthesis of Some New Pyrazolo[1,5-a]Pyrimidines. Journal of Chemical Research, 2008, 2008, 26-31.	1.3	6
41	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
42	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
43	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
44	Xanthine Oxidase Inhibitory Activity of Euphorbia peplus L. Phenolics. Combinatorial Chemistry and High Throughput Screening, 2022, 25, 1336-1344.	1.1	3
45	Adsorption of chromium(VI) from aqueous solution by glycine modified cross-linked chitosan resin. Egyptian Journal of Chemistry, 2018, .	0.2	3
46	Polyethersulfone Blended with Titanium Dioxide Nanoribbons/Multi-Wall Carbon Nanotubes for Strontium Removal from Water. Polymers, 2022, 14, 1390.	4.5	2
47	Low cost embedded hardware based multi-frequency Eddy Current Testing System. , 2016, , .		1
48	Novel Intramolecular Cyclization of Pyrazolone Ketene S,N-Acetals for the Construction of Methylsulfanylpyrazolo[4,3-b]pyridines.. ChemInform, 2003, 34, no.	0.0	0