Chukwunonso Aniagor

List of Publications by Year
in descending order

37	1,220	471061 17	395343 33
papers	citations	h-index	g-index

38	38	38	479
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adsorption of ciprofloxacin from water: A comprehensive review. Journal of Industrial and Engineering Chemistry, 2021, 93, 57-77.	2.9	199
2	Removal of ibuprofen from aqueous media by adsorption: A comprehensive review. Science of the Total Environment, 2021, 780, 146608.	3.9	136
3	A review of treatment technologies for the mitigation of the toxic environmental effects of acid mine drainage (AMD). Chemical Engineering Research and Design, 2022, 157, 37-58.	2.7	99
4	Adsorption of doxycycline from aqueous media: A review. Journal of Molecular Liquids, 2021, 334, 116124.	2.3	67
5	Adsorption of persistent organic pollutants (POPs) from the aqueous environment by nano-adsorbents: A review. Environmental Research, 2022, 212, 113123.	3.7	62
6	A review of methods for the removal of penicillins from water. Journal of Water Process Engineering, 2021, 39, 101886.	2.6	57
7	Kinetics and mechanistic description of adsorptive uptake of crystal violet dye by lignified elephant grass complexed isolate. Journal of Environmental Chemical Engineering, 2018, 6, 2105-2118.	3.3	53
8	Efficacy of treated sodium alginate and activated carbon fibre for Pb(II) adsorption. International Journal of Biological Macromolecules, 2021, 176, 201-216.	3.6	52
9	Effective Adsorption of Crystal Violet Dye from an Aqueous Solution Using Lignin-Rich Isolate from Elephant Grass. Water Conservation Science and Engineering, 2018, 3, 33-46.	0.9	43
10	Environmental protection by the adsorptive elimination of acetaminophen from water: A comprehensive review. Journal of Industrial and Engineering Chemistry, 2021, 104, 117-135.	2.9	43
11	Utilization of low-cost sugarcane waste for the adsorption of aqueous Pb(II): Kinetics and isotherm studies. Current Research in Green and Sustainable Chemistry, 2021, 4, 100056.	2.9	39
12	Removal of pollutants from aqueous media using cow dung-based adsorbents. Current Research in Green and Sustainable Chemistry, 2022, 5, 100300.	2.9	36
13	Evaluation of the aqueous Fe (II) ion sorption capacity of functionalized microcrystalline cellulose. Journal of Environmental Chemical Engineering, 2021, 9, 105703.	3.3	29
14	Parametric Studies on Descriptive Isotherms for the Uptake of Crystal Violet Dye from Aqueous Solution onto Lignin-Rich Adsorbent. Arabian Journal for Science and Engineering, 2018, 43, 2375-2392.	1.7	28
15	Application of novel butane-1,4-dioic acid-functionalized cellulosic biosorbent for aqueous cobalt ion sequestration. Cellulose, 2021, 28, 3599-3615.	2.4	26
16	Synthesis, modification and use of lignified bamboo isolate for the renovation of crystal violet dye effluent. Applied Water Science, 2019, 9, 1.	2.8	25
17	Equilibrium and Kinetic Modelling of Aqueous Cadmium Ion and Activated Carbon Adsorption System. Water Conservation Science and Engineering, 2021, 6, 95-104.	0.9	24
18	Isotherm and Kinetics Parametric Studies for Aqueous Hg(II) Uptake onto N-[2-(Methylamino)Ethyl]Ethane-1,2-Diaminated Acrylic Fibre. Arabian Journal for Science and Engineering, 2021, 46, 6703-6714.	1.7	18

#	Article	IF	Citations
19	Effective Dephenolation of Effluent from Petroleum Industry Using Ionic-Liquid-Induced Hybrid Adsorbent. Arabian Journal for Science and Engineering, 2019, 44, 10017-10029.	1.7	17
20	Isotherms and kinetic modelling of mycoremediation of hexavalent chromium contaminated wastewater. Cleaner Engineering and Technology, 2021, 4, 100192.	2.1	17
21	Mechanistic investigation of the mass transfer stages involved during the adsorption of aqueous lead onto Scopulariopsis brevicompactum fungal biomass. Environmental Challenges, 2021, 5, 100373.	2.0	17
22	Preparation of a novel acrylic fiber-based hydrogel and its utilization for the removal of aqueous lead ion. Journal of Materials Research and Technology, 2022, 18, 1450-1459.	2.6	17
23	Process Equilibrium, Kinetics, and Mechanisms of Ionic-Liquid Induced Dephenolation of Petroleum Effluent. Water Conservation Science and Engineering, 2018, 3, 205-220.	0.9	16
24	Heavy metal adsorptive application of hydrolyzed corn starch. Journal of Polymer Research, 2021, 28, 1.	1.2	16
25	Synthesis of super-absorbent poly(AN)-g-starch composite hydrogel and its modelling for aqueous sorption of cadmium ions. Korean Journal of Chemical Engineering, 2021, 38, 2157-2170.	1.2	15
26	Chromium adsorption from petroleum refinery wastewater using biocomposites. Results in Surfaces and Interfaces, 2022, 8, 100064.	1.0	10
27	Rapid and efficient uptake of aqueous lead pollutant using starch-based superabsorbent hydrogel. Polymer Bulletin, 2022, 79, 6373-6388.	1.7	9
28	Remediation of Lead Ion Contaminated Stream Using Biosurfactant-Functionalized Mesoporous Activated Carbon. Chemistry Africa, 2023, 6, 711-718.	1.2	9
29	Evaluation of the corrosion inhibitory effect of Napoleonaea Imperalis leaf extract on mild steel in a 1.3ÂM H2SO4 medium. Journal of Bio- and Tribo-Corrosion, 2020, 6, 1.	1.2	8
30	Modelling of basic blue-9 dye sorption onto hydrolyzed polyacrylonitrile grafted starch composite. Carbohydrate Polymer Technologies and Applications, 2021, 2, 100141.	1.6	7
31	Instrumental characteristics and acid blue 193 dye sorption properties of novel lupine seed powder. , 2022, 2, 100011.		7
32	Equilibrium studies on the uptake of nitrate and phosphate ions using functionalized carbon cloth. Journal of Radioanalytical and Nuclear Chemistry, 2021, 329, 1091-1102.	0.7	6
33	Preparation of amidoxime modified biomass and subsequent investigation of their lead ion adsorption properties. , 2022, 2, 100013.		5
34	CuO nanoparticles as modifiers for membranes: A review of performance for water treatment. Materials Today Communications, 2022, 32, 103896.	0.9	4
35	Electrochemical and statistical study of the inhibition effect of T. conophorum leaf extract on aluminum corrosion in acidic medium. Safety in Extreme Environments, 2021, 3, 157-166.	1.8	3
36	Application of artificial intelligence in the mapping and measurement of soil pollution. , 2022, , 297-318.		1

#	Article	IF	Citations
37	Artificial intelligence in the reduction and management of land pollution. , 2022, , 319-333.		0