

# Kingsley Iwuozor O

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,327  
citations

394421

19  
h-index

434195

31  
g-index

39  
all docs

39  
docs citations

39  
times ranked

237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of methyl orange: A review on adsorbent performance. <i>Current Research in Green and Sustainable Chemistry</i> , 2021, 4, 100179.	5.6	110
2	A review of treatment technologies for the mitigation of the toxic environmental effects of acid mine drainage (AMD). <i>Chemical Engineering Research and Design</i> , 2022, 157, 37-58.	5.6	99
3	Prospects and Challenges of Using Coagulation-Flocculation method in the treatment of Effluents. <i>Advanced Journal of Chemistry-Section A</i> , 0, , 105-127.	1.1	91
4	An empirical literature analysis of adsorbent performance for methylene blue uptake from aqueous media. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105658.	6.7	80
5	Verification of pore size effect on aqueous-phase adsorption kinetics: A case study of methylene blue. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 127119.	4.7	75
6	Heavy Metal Pollution in Aquaculture: Sources, Impacts and Mitigation Techniques. <i>Biological Trace Element Research</i> , 2022, 200, 4476-4492.	3.5	65
7	Cost of adsorbent preparation and usage in wastewater treatment: A review. , 2022, 3, 100042.		63
8	Mitigation of levofloxacin from aqueous media by adsorption: a review. <i>Sustainable Water Resources Management</i> , 2021, 7, 1.	2.1	62
9	Adsorption of persistent organic pollutants (POPs) from the aqueous environment by nano-adsorbents: A review. <i>Environmental Research</i> , 2022, 212, 113123.	7.5	62
10	Recent advances in hydrochar application for the adsorptive removal of wastewater pollutants. <i>Chemical Engineering Research and Design</i> , 2022, 184, 419-456.	5.6	62
11	Recent advances in nano-adsorbents for the sequestration of copper from water. <i>Journal of Water Process Engineering</i> , 2022, 47, 102715.	5.6	53
12	Trends in the mitigation of heavy metal ions from aqueous solutions using unmodified and chemically-modified agricultural waste adsorbents. <i>Current Research in Green and Sustainable Chemistry</i> , 2021, 4, 100188.	5.6	48
13	Removal of pollutants from aqueous media using cow dung-based adsorbents. <i>Current Research in Green and Sustainable Chemistry</i> , 2022, 5, 100300.	5.6	36
14	Development and characterization of microstructural and mechanical properties of hybrid polystyrene composites filled with kaolin and expanded polyethylene powder. <i>Results in Engineering</i> , 2022, 14, 100423.	5.1	36
15	Flash pyrolysis of biomass: a review of recent advances. <i>Clean Technologies and Environmental Policy</i> , 2022, 24, 2349-2363.	4.1	34
16	A Review on the Mitigation of Heavy Metals from Aqueous Solution using Sugarcane Bagasse. <i>Sugar Tech</i> , 2022, 24, 1167-1185.	1.8	32
17	Mechanical and microstructural properties of expanded polyethylene powder/mica filled hybrid polystyrene composites. <i>Mechanics of Advanced Materials and Structures</i> , 2023, 30, 2610-2619.	2.6	29
18	Valorization of Sugar Industry's By-products: A Perspective. <i>Sugar Tech</i> , 2022, 24, 1052-1078.	1.8	29

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19	Effect of Salt Modification on Biochar Obtained from the Thermochemical Conversion of Sugarcane Bagasse. <i>Sugar Tech</i> , 2023, 25, 223-233.	1.8	29
20	Regenerative desulphurisation of pyrolysis oil: A paradigm for the circular economy initiative. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106864.	6.7	27
21	Treatment technologies for bakers'™ yeast production wastewater. <i>Environmental Science and Pollution Research</i> , 2022, 29, 11004-11026.	5.3	24
22	Review on Sugarcane-Mediated Nanoparticle Synthesis: A Green Approach. <i>Sugar Tech</i> , 2022, 24, 1186-1197.	1.8	22
23	A study on the thermochemical co-conversion of poultry litter and elephant grass to biochar. <i>Clean Technologies and Environmental Policy</i> , 2022, 24, 2193-2202.	4.1	21
24	Metal oxide rich char from muffle furnace and retort heated reactor treated cow bone. <i>Cleaner Engineering and Technology</i> , 2022, 8, 100485.	4.0	19
25	Trends in the treatment of aquaculture effluents using nanotechnology. <i>Cleaner Materials</i> , 2021, 2, 100024.	5.1	15
26	Adulteration of Sugar: A Growing Global Menace. <i>Sugar Tech</i> , 2022, 24, 914-919.	1.8	14
27	Qualitative and Quantitative Determination of Anti-Nutritional Factors of Five Wine Samples. <i>Advanced Journal of Chemistry-Section A</i> , 0, , 136-146.	1.1	12
28	A Review on the Properties and Uses of Paracetamol. <i>International Journal of Pharmacy and Chemistry</i> , 2019, 5, 31.	0.2	12
29	Green synthesis of CuO nanocomposite from watermelon ( <i>Citrullus lanatus</i> ) rind for the treatment of aquaculture effluent. <i>Regional Studies in Marine Science</i> , 2022, 52, 102308.	0.7	10
30	A Comparative Evaluation of Rain Water Obtained from Corrugated Roofing Sheets within Awka Metropolis, Anambra State. <i>Iranica Journal of Energy &amp; Environment</i> , 2022, 13, 134-140.	0.4	9
31	A review of pine-based adsorbents for the adsorption of dyes. , 2022, , 319-332.		9
32	Combustion of Wood by Pyrolysis: A Review. <i>International Journal of Atmospheric and Oceanic Sciences</i> , 2019, 3, 1.	0.3	7
33	Fortification of Sugar: A Call for Action. <i>Sugar Tech</i> , 2022, 24, 1284-1294.	1.8	7
34	Quality Assessment of Selected Vitamin C Tablets Sold at Bridge Head Market, Onitsha. <i>Chemical and Biomolecular Engineering</i> , 2018, 3, 47.	0.2	4
35	CuO nanoparticles as modifiers for membranes: A review of performance for water treatment. <i>Materials Today Communications</i> , 2022, 32, 103896.	1.9	4
36	PHYSICO-CHEMICAL PARAMETERS OF INDUSTRIAL EFFLENTS FROM A BREWERY INDUSTRY IN IMO STATE, NIGERIA.. <i>Advanced Journal of Chemistry-Section A</i> , 0, , 66-78.	1.1	2