

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
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39
all docs

39
docs citations

39
times ranked

237
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Review on Sugarcane-Mediated Nanoparticle Synthesis: A Green Approach. <i>Sugar Tech</i> , 2022, 24, 1186-1197. | 1.8 | 22 |
| 5 | 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 |
| 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 | Treatment technologies for bakers' yeast production wastewater. <i>Environmental Science and Pollution Research</i> , 2022, 29, 11004-11026. | 5.3 | 24 |
| 8 | A Comparative Evaluation of Rain Water Obtained from Corrugated Roofing Sheets within Awka Metropolis, Anambra State. <i>Iranica Journal of Energy & Environment</i> , 2022, 13, 134-140. | 0.4 | 9 |
| 9 | 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 |
| 10 | Adulteration of Sugar: A Growing Global Menace. <i>Sugar Tech</i> , 2022, 24, 914-919. | 1.8 | 14 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Valorization of Sugar Industry's By-products: A Perspective. <i>Sugar Tech</i> , 2022, 24, 1052-1078. | 1.8 | 29 |
| 17 | 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 |
| 18 | Flash pyrolysis of biomass: a review of recent advances. <i>Clean Technologies and Environmental Policy</i> , 2022, 24, 2349-2363. | 4.1 | 34 |

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|----|---|-----|-----------|
| 19 | A review of pine-based adsorbents for the adsorption of dyes. , 2022, , 319-332. | | 9 |
| 20 | CuO nanoparticles as modifiers for membranes: A review of performance for water treatment. Materials Today Communications, 2022, 32, 103896. | 1.9 | 4 |
| 21 | Fortification of Sugar: A Call for Action. Sugar Tech, 2022, 24, 1284-1294. | 1.8 | 7 |
| 22 | Recent advances in hydrochar application for the adsorptive removal of wastewater pollutants. Chemical Engineering Research and Design, 2022, 184, 419-456. | 5.6 | 62 |
| 23 | Cost of adsorbent preparation and usage in wastewater treatment: A review. , 2022, 3, 100042. | | 63 |
| 24 | An empirical literature analysis of adsorbent performance for methylene blue uptake from aqueous media. Journal of Environmental Chemical Engineering, 2021, 9, 105658. | 6.7 | 80 |
| 25 | Verification of pore size effect on aqueous-phase adsorption kinetics: A case study of methylene blue. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 626, 127119. | 4.7 | 75 |
| 26 | Adsorption of methyl orange: A review on adsorbent performance. Current Research in Green and Sustainable Chemistry, 2021, 4, 100179. | 5.6 | 110 |
| 27 | Trends in the mitigation of heavy metal ions from aqueous solutions using unmodified and chemically-modified agricultural waste adsorbents. Current Research in Green and Sustainable Chemistry, 2021, 4, 100188. | 5.6 | 48 |
| 28 | Mitigation of levofloxacin from aqueous media by adsorption: a review. Sustainable Water Resources Management, 2021, 7, 1. | 2.1 | 62 |
| 29 | Trends in the treatment of aquaculture effluents using nanotechnology. Cleaner Materials, 2021, 2, 100024. | 5.1 | 15 |
| 30 | Regenerative desulphurisation of pyrolysis oil: A paradigm for the circular economy initiative. Journal of Environmental Chemical Engineering, 2021, 9, 106864. | 6.7 | 27 |
| 31 | Combustion of Wood by Pyrolysis: A Review. International Journal of Atmospheric and Oceanic Sciences, 2019, 3, 1. | 0.3 | 7 |
| 32 | A Review on the Properties and Uses of Paracetamol. International Journal of Pharmacy and Chemistry, 2019, 5, 31. | 0.2 | 12 |
| 33 | Quality Assessment of Selected Vitamin C Tablets Sold at Bridge Head Market, Onitsha. Chemical and Biomolecular Engineering, 2018, 3, 47. | 0.2 | 4 |
| 34 | Prospects and Challenges of Using Coagulation-Flocculation method in the treatment of Effluents. Advanced Journal of Chemistry-Section A, 0, , 105-127. | 1.1 | 91 |
| 35 | PHYSICO-CHEMICAL PARAMETERS OF INDUSTRIAL EFFLENTS FROM A BREWERY INDUSTRY IN IMO STATE, NIGERIA.. Advanced Journal of Chemistry-Section A, 0, , 66-78. | 1.1 | 2 |
| 36 | Qualitative and Quantitative Determination of Anti-Nutritional Factors of Five Wine Samples. Advanced Journal of Chemistry-Section A, 0, , 136-146. | 1.1 | 12 |