Adedapo Adeola

List of Publications by Year
in descending order

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26 papers	447 citations	687220 13 h-index	752573 20 g-index
26 all docs	26 docs citations	26 times ranked	228 citing authors

#	Article	IF	Citations
1	Assessment of reusable graphene wool adsorbent for the simultaneous removal of selected 2â€“6 ringed polycyclic aromatic hydrocarbons from aqueous solution. Environmental Technology (United) Tj ETQq1 1 0.784314 rgBT /Over		
2	Antiretroviral Drugs in African Surface Waters: Prevalence, Analysis, and Potential Remediation. Environmental Toxicology and Chemistry, 2022, 41, 247-262.	2.2	31
3	Crude oil exploration in Africa: socio-economic implications, environmental impacts, and mitigation strategies. Environment Systems and Decisions, 2022, 42, 26-50.	1.9	25
4	Radiogeochemistry, uranium migration, and radiogenic heat of the granite gneisses in parts of the southwestern Basement Complex of Nigeria. Journal of African Earth Sciences, 2022, 188, 104469.	0.9	5
5	Pristine and activated bentonite for toxic metal removal from wastewater. Water Practice and Technology, 2022, 17, 784-797.	1.0	6
6	Psychotropic Drugs of Emerging Concerns in Aquatic Systems: Ecotoxicology and Remediation Approaches. Chemistry Africa, 2022, 5, 481-508.	1.2	9
7	Adsorptive and photocatalytic remediation of hazardous organic chemical pollutants in aqueous medium: A review. Journal of Contaminant Hydrology, 2022, 248, 104019.	1.6	30
8	Analysis of gaseous polycyclic aromatic hydrocarbon emissions from cooking devices in selected rural and urban kitchens in Bomet and Narok counties of Kenya. Environmental Monitoring and Assessment, 2022, 194, 435.	1.3	5
9	Advanced Polymeric Nanocomposites for Water Treatment Applications: A Holistic Perspective. Polymers, 2022, 14, 2462.	2.0	21
10	Advances in water treatment technologies for removal of polycyclic aromatic hydrocarbons: Existing concepts, emerging trends, and future prospects. Water Environment Research, 2021, 93, 343-359.	1.3	67
11	Influence of natural organic matter fractions on PAH sorption by stream sediments and a synthetic graphene wool adsorbent. Environmental Technology and Innovation, 2021, 21, 101202.	3.0	18
12	Toxic metals in oil sands: review of human health implications, environmental impact, and potential remediation using membrane-based approach. Energy, Ecology and Environment, 2021, 6, 81-91.	1.9	25
13	Radioactivity, radiogenic heat production and environmental radiation risk of the Basement Complex rocks of Akungba-Akoko, southwestern Nigeria: insights from in situ gamma-ray spectrometry. Environmental Earth Sciences, 2021, 80, 1.	1.3	23
14	Occurrence and remediation of naturally occurring radioactive materials in Nigeria: a review. Environmental Chemistry Letters, 2021, 19, 3243-3262.	8.3	17
15	Adsorption of antiretroviral drugs, efavirenz and nevirapine from aqueous solution by graphene wool: Kinetic, equilibrium, thermodynamic and computational studies. Applied Surface Science Advances, 2021, 6, 100157.	2.9	30
16	Sustainable development and enhancement of cracking processes using metallic composites. Applied Petrochemical Research, 2021, 11, 1-18.	1.3	7
17	Facile synthesis of graphene wool doped with oleylamine-capped silver nanoparticles (GW-Î±AgNPs) for water treatment applications. Applied Water Science, 2021, 11, 1.	2.8	5
18	Petrography and geochemistry of Neoproterozoic charnockiteâ€“granite association and metasedimentary rocks around Okpella, southwestern Nigeria. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	8

#	Article	IF	Citations
19	ASSESSMENT OF STREAM SEDIMENTS POLLUTION BY POTENTIALLY TOXIC ELEMENTS IN THE ACTIVE MINING AREA OF OKPELLA, EDO STATE, NIGERIA. Rudarsko Geolosko Naftni Zbornik, 2019, 34, 43-50.	0.2	4
20	Scientific applications and prospects of nanomaterials: A multidisciplinary review. African Journal of Biotechnology, 2019, 18, 946-961.	0.3	12
21	Optimization of the sorption of selected polycyclic aromatic hydrocarbons by regenerable graphene wool. Water Science and Technology, 2019, 80, 1931-1943.	1.2	20
22	In-situ modification of soil organic matter towards adsorption and desorption of phenol and its chlorinated derivatives. Journal of Environmental Chemical Engineering, 2018, 6, 3485-3494.	3.3	25
23	Geographical distribution of perfluorooctanesulfonate and perfluorooctanoate in selected rivers from Nigeria. Journal of Environmental Chemical Engineering, 2018, 6, 4061-4069.	3.3	10
24	Fate and Toxicity of Chlorinated Phenols of Environmental Implications: A Review. Medicinal & Analytical Chemistry International, 2018, 2, .	0.2	14
25	Bioavailability of polycyclic aromatic hydrocarbons (PAHs) and Environmental Risk (ER) Assessment: The case of the Ogbese river, Nigeria. Regional Studies in Marine Science, 2017, 9, 9-16.	0.4	17
26	Ocimum gratissimum Capped Sulfur Nanoparticles and Antibacterial Efficacy against Multidrug-Resistant Microbes. Asian Journal of Research in Biochemistry, 0, , 85-95.	0.0	3