

Adedapo Adeola

List of Publications by Year in descending order

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Version: 2024-02-01

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	Advances in water treatment technologies for removal of polycyclic aromatic hydrocarbons: Existing concepts, emerging trends, and future prospects. <i>Water Environment Research</i> , 2021, 93, 343-359.	1.3	67
2	Antiretroviral Drugs in African Surface Waters: Prevalence, Analysis, and Potential Remediation. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 247-262.	2.2	31
3	Adsorption of antiretroviral drugs, efavirenz and nevirapine from aqueous solution by graphene wool: Kinetic, equilibrium, thermodynamic and computational studies. <i>Applied Surface Science Advances</i> , 2021, 6, 100157.	2.9	30
4	Adsorptive and photocatalytic remediation of hazardous organic chemical pollutants in aqueous medium: A review. <i>Journal of Contaminant Hydrology</i> , 2022, 248, 104019.	1.6	30
5	In-situ modification of soil organic matter towards adsorption and desorption of phenol and its chlorinated derivatives. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 3485-3494.	3.3	25
6	Toxic metals in oil sands: review of human health implications, environmental impact, and potential remediation using membrane-based approach. <i>Energy, Ecology and Environment</i> , 2021, 6, 81-91.	1.9	25
7	Crude oil exploration in Africa: socio-economic implications, environmental impacts, and mitigation strategies. <i>Environment Systems and Decisions</i> , 2022, 42, 26-50.	1.9	25
8	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. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	23
9	Advanced Polymeric Nanocomposites for Water Treatment Applications: A Holistic Perspective. <i>Polymers</i> , 2022, 14, 2462.	2.0	21
10	Optimization of the sorption of selected polycyclic aromatic hydrocarbons by regenerable graphene wool. <i>Water Science and Technology</i> , 2019, 80, 1931-1943.	1.2	20
11	Influence of natural organic matter fractions on PAH sorption by stream sediments and a synthetic graphene wool adsorbent. <i>Environmental Technology and Innovation</i> , 2021, 21, 101202.	3.0	18
12	Bioavailability of polycyclic aromatic hydrocarbons (PAHs) and Environmental Risk (ER) Assessment: The case of the Ogbese river, Nigeria. <i>Regional Studies in Marine Science</i> , 2017, 9, 9-16.	0.4	17
13	Occurrence and remediation of naturally occurring radioactive materials in Nigeria: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 3243-3262.	8.3	17
14	Fate and Toxicity of Chlorinated Phenols of Environmental Implications: A Review. <i>Medicinal & Analytical Chemistry International</i> , 2018, 2, .	0.2	14
15	Scientific applications and prospects of nanomaterials: A multidisciplinary review. <i>African Journal of Biotechnology</i> , 2019, 18, 946-961.	0.3	12
16	Geographical distribution of perfluorooctanesulfonate and perfluorooctanoate in selected rivers from Nigeria. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 4061-4069.	3.3	10
17	Assessment of reusable graphene wool adsorbent for the simultaneous removal of selected 6 ringed polycyclic aromatic hydrocarbons from aqueous solution. <i>Environmental Technology (United Kingdom)</i> 43(14) 10784-10794	1.8	10
18	Psychotropic Drugs of Emerging Concerns in Aquatic Systems: Ecotoxicology and Remediation Approaches. <i>Chemistry Africa</i> , 2022, 5, 481-508.	1.2	9

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19	Petrography and geochemistry of Neoproterozoic charnockite-granite association and metasedimentary rocks around Okpella, southwestern Nigeria. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	8
20	Sustainable development and enhancement of cracking processes using metallic composites. <i>Applied Petrochemical Research</i> , 2021, 11, 1-18.	1.3	7
21	Pristine and activated bentonite for toxic metal removal from wastewater. <i>Water Practice and Technology</i> , 2022, 17, 784-797.	1.0	6
22	Facile synthesis of graphene wool doped with oleylamine-capped silver nanoparticles (GW- \pm AgNPs) for water treatment applications. <i>Applied Water Science</i> , 2021, 11, 1.	2.8	5
23	Radiogeochemistry, uranium migration, and radiogenic heat of the granite gneisses in parts of the southwestern Basement Complex of Nigeria. <i>Journal of African Earth Sciences</i> , 2022, 188, 104469.	0.9	5
24	Analysis of gaseous polycyclic aromatic hydrocarbon emissions from cooking devices in selected rural and urban kitchens in Bomet and Narok counties of Kenya. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 435.	1.3	5
25	ASSESSMENT OF STREAM SEDIMENTS POLLUTION BY POTENTIALLY TOXIC ELEMENTS IN THE ACTIVE MINING AREA OF OKPELLA, EDO STATE, NIGERIA. <i>Rudarsko Geolosko Naftni Zbornik</i> , 2019, 34, 43-50.	0.2	4
26	<i>Ocimum gratissimum</i> Capped Sulfur Nanoparticles and Antibacterial Efficacy against Multidrug-Resistant Microbes. <i>Asian Journal of Research in Biochemistry</i> , 0, , 85-95.	0.0	3