Nnanake Abasi O Offiong

List of Publications by Year
in descending order

40	361	932766 10	887659 17
papers	citations	h-index	g-index

42	42	42	305
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessment of the Occurrence and Risks of Emerging Organic Pollutants (EOPs) in Ikpa River Basin Freshwater Ecosystem, Niger Delta-Nigeria. Bulletin of Environmental Contamination and Toxicology, 2015, 95, 624-631.	1.3	39
2	COVID-19 drugs in aquatic systems: a review. Environmental Chemistry Letters, 2022, 20, 1275-1294.	8.3	37
3	Inhibition of Mild Steel Corrosion in Hydrochloric Acid Solution by Ciprofloxacin Drug. International Journal of Corrosion, 2013, 2013, 1-5.	0.6	30
4	Polycyclic aromatic hydrocarbons loads and potential risks in freshwater ecosystem of the Ikpa River Basin, Niger Deltaâ€"Nigeria. Environmental Monitoring and Assessment, 2016, 188, 49.	1.3	23
5	Distribution and ecological risks of polycyclic aromatic hydrocarbons (PAHs) in sediments of different tropical water ecosystems in Niger Delta, Nigeria. Environmental Earth Sciences, 2018, 77, 1.	1.3	23
6	Ecological risks of phenolic endocrine disrupting compounds in an urban tropical river. Environmental Science and Pollution Research, 2019, 26, 21589-21597.	2.7	23
7	Removal of metronidazole from wastewater by electrocoagulation with chloride ions electrolyte: The role of reactive chlorine species and process optimization. Separation and Purification Technology, 2022, 290, 120799.	3.9	21
8	Improved biofertilizer properties of digestate from codigestion of brewerâ€™s spent grain and palm oil mill effluent by manure supplementation. Sustainable Environment Research, 2020, 30, .	2.1	14
9	Enhanced UV-assisted Fenton performance of nanostructured biomimetic Î±-Fe2O3 on degradation of tetracycline. Journal of Nanostructure in Chemistry, 2022, 12, 45-58.	5.3	14
10	Current status and challenges of remediating petroleumâ€derived PAHs in soils: Nigeria as a case study for developing countries. Remediation, 2019, 30, 65-75.	1.1	13
11	Visible-Light-Driven Bio-Templated Magnetic Copper Oxide Composite for Heterogeneous Photo-Fenton Degradation of Tetracycline. Water (Switzerland), 2021, 13, 1918.	1.2	11
12	Preliminary Review of Sources, Fate, Analytical Challenges and Regulatory Status of Emerging Organic Contaminants in Aquatic Environments in Selected African Countries. Chemistry Africa, 2019, 2, 573-585.	1.2	10
13	Preparation and application of polyaluminum chloride for demulsification of colloidal biliquid aphron and density modification for DNAPLs. Separation and Purification Technology, 2021, 257, 117791.	3.9	10
14	Mechanisms of irreversible density modification using colloidal biliquid aphron for dense nonaqueous phase liquids in contaminated aquifer remediation. Journal of Hazardous Materials, 2021, 415, 125667.	6.5	10
15	The role of surfactants in colloidal biliquid aphrons and their transport in saturated porous medium. Environmental Pollution, 2020, 265, 114564.	3.7	9
16	Trace Metal Levels and Nutrient Characteristics of Crude Oil-Contaminated Soil Amended with Biocharâ€"Humus Sediment Slurry. Pollutants, 2021, 1, 119-126.	1.0	7
17	Soil washing of total petroleum and polycyclic aromatic hydrocarbons from crude oil-contaminated ultisol using aqueous extracts of waterleaf. Environmental Technology (United Kingdom), 2023, 44, 35-44.	1.2	7
18	Biochar and humus sediment mixture attenuates crude oil-derived PAHs in a simulated tropical ultisol. SN Applied Sciences, 2020, 2, 1.	1.5	6

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19	Catalytic Removal of Selected Textile Dyes Using Zero-Valent Copper Nanoparticles Loaded on Filter Paper-Chitosan-Titanium Oxide Heterogeneous Support. Journal of Polymers and the Environment, 2021, 29, 2825-2839.	2.4	6
20	Physicochemical Characteristics and Health Risk Assessment of Drinking Water Sources in Okoroette Community, Eastern Coast of Nigeria. American Journal of Water Resources, 2017, 5, 13-23.	0.3	6
21	Source Apportionment of Polycyclic Aromatic Hydrocarbons (PAHs) in a Tropical Estuarine Epipelic Sediment and Its Associated Bacterial Degrading Potentials. Current Journal of Applied Science and Technology, 2018, 32, 1-11.	0.3	6
22	Rainwater Chemistry Within the Vicinity of Qua Iboe Estuary, Nigeria. Clean - Soil, Air, Water, 2018, 46, 1700114.	0.7	4
23	Anaerobic co-digestion of spent coconut copra with cow urine for enhanced biogas production. Waste Management and Research, 2021, 39, 594-600.	2.2	4
24	Recycling anaerobic digestate enhances the co-digestion potential of agro-industrial residues: influence of different digestates as sources of microbial inoculum. Environmental Technology (United Kingdom), 2022, 43, 4472-4483.	1.2	4
25	Polyhedral magnetite nanoparticles modified with porous bio-templated copper oxide as catalyst for visible-light-driven photodegradation of methylene blue. International Journal of Environmental Science and Technology, 2023, 20, 4203-4218.	1.8	4
26	Nitrogen-doped mesoporous carbon material (NCMK-3) as a catalyst for the removal of 4-chlorophenol during persulfate oxidation and its efficiency after reuse. Environmental Technology (United Kingdom), 2020, , 1-7.	1.2	3
27	Efficiency and Kinetics of Total Petroleum Hydrocarbons (TPHs) Removal from Crude Oil Polluted Arable Soil using Palm Bunch Ash and Tween 80. Chemistry Africa, 2021, 4, 333.	1.2	3
28	Density-modification displacement using colloidal biliquid aphron for entrapped DNAPL contaminated aquifer remediation. Journal of Hazardous Materials, 2022, 432, 128641.	6.5	3
29	Distribution of trace metals in surface water and sediments of Imo River Estuary (Nigeria): Health risk assessment, seasonal and physicochemical variability. Journal of Environmental Chemistry and Ecotoxicology, 2016, 8, 1-8.	0.2	2
30	Start-up case study on building green chemistry laboratories in University of Uyo, Nigeria. Sustainable Chemistry and Pharmacy, 2018, 10, 56-59.	1.6	2
31	Density-regulated remediation of dense non-aqueous phase liquids using colloidal biliquid aphrons (CBLA): Force model of transport and distribution. Science of the Total Environment, 2022, 807, 151057.	3.9	2
32	Experimental study of viscosity modification coupled with phase transfer catalysis for enhanced remediation of non-aqueous phase trichloroethene polluted heterogeneous aquifer. Journal of Hazardous Materials, 2022, 430, 128452.	6.5	2
33	Colloidal biliquid aphron demulsification using polyaluminum chloride and density modification of DNAPLs: optimal conditions and common ion effect. Environmental Sciences: Processes and Impacts, 2020, 22, 1908-1915.	1.7	1
34	Climate variability, land cover change and soil erosion risk implications for water quality of a humid tropical river basin in sub-Saharan Africa. Water Practice and Technology, 2021, 16, 263-275.	1.0	1
35	Drinking Water Quality in an Induction Camp at Oyo State, Nigeria: A Preliminary Assessment. Archives of Current Research International, 2016, 6, 1-8.	0.2	0
36	The Future of Chemistry is Global. ChemistryViews, 0, , .	0.0	0

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37	Introducing Journal of Materials and Environmental Sustainability Research and the Expanding Discipline of Sustainability Science. , 2021, 1, 1-2.		0
38	Introducing Journal of Materials and Environmental Sustainability Research and the Expanding Discipline of Sustainability Science. , 2021, 1, 1-2.		0
39	Screening of bio-derived surfactants for soil washing of PAHs: effects of substrate sources and trace metals distribution. Environmental Engineering Research, 0, , .	1.5	0
40	Bio- and chemical surfactants for remediation of emerging organic contaminants. , 2022, , 367-380.		0