

# Nnanake Abasi O Offiong

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

361  
citations

932766

10  
h-index

887659

17  
g-index

42  
all docs

42  
docs citations

42  
times ranked

305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil washing of total petroleum and polycyclic aromatic hydrocarbons from crude oil-contaminated ultisol using aqueous extracts of waterleaf. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 35-44.	1.2	7
2	Polyhedral magnetite nanoparticles modified with porous bio-templated copper oxide as catalyst for visible-light-driven photodegradation of methylene blue. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 4203-4218.	1.8	4
3	Enhanced UV-assisted Fenton performance of nanostructured biomimetic $\text{Fe}_2\text{O}_3$ on degradation of tetracycline. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 45-58.	5.3	14
4	Recycling anaerobic digestate enhances the co-digestion potential of agro-industrial residues: influence of different digestates as sources of microbial inoculum. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 4472-4483.	1.2	4
5	Density-regulated remediation of dense non-aqueous phase liquids using colloidal biliquid aphrons (CBLA): Force model of transport and distribution. <i>Science of the Total Environment</i> , 2022, 807, 151057.	3.9	2
6	COVID-19 drugs in aquatic systems: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 1275-1294.	8.3	37
7	Experimental study of viscosity modification coupled with phase transfer catalysis for enhanced remediation of non-aqueous phase trichloroethene polluted heterogeneous aquifer. <i>Journal of Hazardous Materials</i> , 2022, 430, 128452.	6.5	2
8	Density-modification displacement using colloidal biliquid aphron for entrapped DNAPL contaminated aquifer remediation. <i>Journal of Hazardous Materials</i> , 2022, 432, 128641.	6.5	3
9	Removal of metronidazole from wastewater by electrocoagulation with chloride ions electrolyte: The role of reactive chlorine species and process optimization. <i>Separation and Purification Technology</i> , 2022, 290, 120799.	3.9	21
10	Bio- and chemical surfactants for remediation of emerging organic contaminants. , 2022, , 367-380.		0
11	Anaerobic co-digestion of spent coconut copra with cow urine for enhanced biogas production. <i>Waste Management and Research</i> , 2021, 39, 594-600.	2.2	4
12	Preparation and application of polyaluminum chloride for demulsification of colloidal biliquid aphron and density modification for DNAPLs. <i>Separation and Purification Technology</i> , 2021, 257, 117791.	3.9	10
13	Efficiency and Kinetics of Total Petroleum Hydrocarbons (TPHs) Removal from Crude Oil Polluted Arable Soil using Palm Bunch Ash and Tween 80. <i>Chemistry Africa</i> , 2021, 4, 333.	1.2	3
14	Catalytic Removal of Selected Textile Dyes Using Zero-Valent Copper Nanoparticles Loaded on Filter Paper-Chitosan-Titanium Oxide Heterogeneous Support. <i>Journal of Polymers and the Environment</i> , 2021, 29, 2825-2839.	2.4	6
15	Trace Metal Levels and Nutrient Characteristics of Crude Oil-Contaminated Soil Amended with Biocharâ€“Humus Sediment Slurry. <i>Pollutants</i> , 2021, 1, 119-126.	1.0	7
16	Visible-Light-Driven Bio-Templated Magnetic Copper Oxide Composite for Heterogeneous Photo-Fenton Degradation of Tetracycline. <i>Water (Switzerland)</i> , 2021, 13, 1918.	1.2	11
17	Mechanisms of irreversible density modification using colloidal biliquid aphron for dense nonaqueous phase liquids in contaminated aquifer remediation. <i>Journal of Hazardous Materials</i> , 2021, 415, 125667.	6.5	10
18	Climate variability, land cover change and soil erosion risk implications for water quality of a humid tropical river basin in sub-Saharan Africa. <i>Water Practice and Technology</i> , 2021, 16, 263-275.	1.0	1

#	ARTICLE	IF	CITATIONS
19	Introducing Journal of Materials and Environmental Sustainability Research and the Expanding Discipline of Sustainability Science. , 2021, 1, 1-2.		0
20	Introducing Journal of Materials and Environmental Sustainability Research and the Expanding Discipline of Sustainability Science. , 2021, 1, 1-2.		0
21	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
22	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
23	Biochar and humus sediment mixture attenuates crude oil-derived PAHs in a simulated tropical ultisol. SN Applied Sciences, 2020, 2, 1.	1.5	6
24	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
25	The role of surfactants in colloidal biliquid aphrons and their transport in saturated porous medium. Environmental Pollution, 2020, 265, 114564.	3.7	9
26	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
27	Ecological risks of phenolic endocrine disrupting compounds in an urban tropical river. Environmental Science and Pollution Research, 2019, 26, 21589-21597.	2.7	23
28	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
29	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
30	Rainwater Chemistry Within the Vicinity of Qua Iboe Estuary, Nigeria. Clean - Soil, Air, Water, 2018, 46, 1700114.	0.7	4
31	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
32	Source Apportionment of Polycyclic Aromatic Hydrocarbons (PAHs) in a Tropical Estuarine Epipelagic Sediment and Its Associated Bacterial Degrading Potentials. Current Journal of Applied Science and Technology, 2018, 32, 1-11.	0.3	6
33	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
34	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
35	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
36	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

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37	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
38	Inhibition of Mild Steel Corrosion in Hydrochloric Acid Solution by Ciprofloxacin Drug. International Journal of Corrosion, 2013, 2013, 1-5.	0.6	30
39	The Future of Chemistry is Global. ChemistryViews, 0, , .	0.0	0
40	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