

Christian Ebere Enyoh

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,325
citations

567281

15
h-index

414414

32
g-index

63
all docs

63
docs citations

63
times ranked

935
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplasticâ€™toxic chemical interaction: a review study on quantified levels, mechanism and implication. SN Applied Sciences, 2019, 1, 1.	2.9	241
2	Airborne microplastics: a review study on method for analysis, occurrence, movement and risks. Environmental Monitoring and Assessment, 2019, 191, 668.	2.7	226
3	Microplastics Exposure Routes and Toxicity Studies to Ecosystems: An Overview. Environmental Analysis, Health and Toxicology, 2020, 35, e2020004.	1.8	84
4	A review: Water pollution by heavy metal and organic pollutants: Brief review of sources, effects and progress on remediation with aquatic plants. Analytical Methods in Environmental Chemistry Journal, 0, , 5-38.	1.2	60
5	Pollution and health risks assessment of nitrate and phosphate concentrations in water bodies in South Eastern, Nigeria. Environmental Advances, 2020, 2, 100018.	4.8	53
6	Microplastics pollution in salt pans from the Maheshkhali Channel, Bangladesh. Scientific Reports, 2021, 11, 23187.	3.3	40
7	Levels and health risk assessment of heavy metals in dried fish consumed in Bangladesh. Scientific Reports, 2021, 11, 14642.	3.3	36
8	Macrodebris and microplastics pollution in Nigeria: first report on abundance, distribution and composition. Environmental Analysis, Health and Toxicology, 2019, 34, e2019012.	1.8	35
9	An overview of emerging pollutants in air: Method of analysis and potential public health concern from human environmental exposure. Trends in Environmental Analytical Chemistry, 2020, 28, e00107.	10.3	32
10	Microplastics, an Emerging Concern: A Review of Analytical Techniques for Detecting and Quantifying Microplastics. Analytical Methods in Environmental Chemistry Journal, 2019, 2, 13-30.	1.2	31
11	Determination and Human Health Risk Assessment of Heavy Metals in Floodbasin Soils in Owerri, Southeastern Nigeria. Chemistry Africa, 2020, 3, 1059-1071.	2.4	22
12	Pollution status, ecological and human health risks of heavy metals in soil from some selected active dumpsites in Southeastern, Nigeria using energy dispersive X-ray spectrometer. International Journal of Environmental Analytical Chemistry, 2022, 102, 3722-3743.	3.3	21
13	Effect of macro-and micro-plastics in soil on growth of Juvenile Lime Tree (Citrus aurantium). AIMS Environmental Science, 2020, 7, 526-541.	1.4	21
14	Analytical techniques, occurrence and health effects of micro and nano plastics deposited in street dust. International Journal of Environmental Analytical Chemistry, 2022, 102, 6435-6453.	3.3	20
15	Finding a relationship between mobility factors of selected heavy metals and soil particle size in soils from childrenâ€™s playgrounds. Environmental Monitoring and Assessment, 2019, 191, 742.	2.7	19
16	Bioavailability, Average Daily Dose and Risk of Heavy Metals in Soils from Children Playgrounds Within Owerri, Imo State, Nigeria. Chemistry Africa, 2020, 3, 427-438.	2.4	19
17	Characterisation of some soils from flood basin in Amakohia, Owerri, Nigeria. International Journal of Environmental Analytical Chemistry, 2022, 102, 3766-3785.	3.3	18
18	Effect of Macro- and Micro-Plastics in Soil on Quantitative Phytochemicals in Different Part of Juvenile Lime Tree (Citrus aurantium). International Journal of Environmental Research, 2020, 14, 705-726.	2.3	16

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19	Evaluation of pollution status of groundwater resources of parts of Owerri metropolis and environs, Southeastern Nigeria, using health risk and contamination models. <i>International Journal of Energy and Water Resources</i> , 2020, 4, 357-374.	2.2	16
20	“Plasti-remediation”: Advances in the potential use of environmental plastics for pollutant removal. <i>Environmental Technology and Innovation</i> , 2021, 23, 101791.	6.1	16
21	Physicochemical Parameter of Palm Oil and Soil from Ihube Community, Okigwe, Imo State Nigeria. <i>International Letters of Natural Sciences</i> , 0, 62, 35-43.	1.0	16
22	Microplastics pollution indices of bottled water from South Eastern Nigeria. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 8176-8195.	3.3	16
23	In silico binding affinity analysis of microplastic compounds on PET hydrolase enzyme target of <i>Ideonella sakaiensis</i> . <i>Bulletin of the National Research Centre</i> , 2021, 45, .	1.8	14
24	2,4,6-Trichlorophenol (TCP) removal from aqueous solution using <i>Canna indica</i> L.: kinetic, isotherm and Thermodynamic studies. <i>Chemistry and Ecology</i> , 2021, 37, 64-82.	1.6	13
25	pH Variations and Chemometric Assessment of Borehole Water in Orji, Owerri Imo State, Nigeria. <i>Journal of Environmental Analytical Chemistry</i> , 2018, 05, .	0.3	13
26	Anticancer activity of Nigerian medicinal plants: a review. <i>Future Journal of Pharmaceutical Sciences</i> , 2021, 7, .	2.8	12
27	Biomonitoring of concentrations of polycyclic aromatic hydrocarbons in blood and urine of children at playgrounds within Owerri, Imo State, Nigeria. <i>Environmental Analysis, Health and Toxicology</i> , 2019, 34, e2019011.	1.8	12
28	Finding a relationship between physicochemical characteristics and ionic composition of River Nworie, Imo State, Nigeria. , 0, 2, e5.		12
29	Pollution Profile and Ecological Risk Assessment of Heavy Metals from Dumpsites in Onne, Rivers State, Nigeria. <i>Chemistry Africa</i> , 2021, 4, 207-216.	2.4	10
30	New Analytical Approaches for Effective Quantification and Identification of Nanoplastics in Environmental Samples. <i>Processes</i> , 2021, 9, 2086.	2.8	10
31	Assessment of Heavy Metals in Soils from Reclaimed Section of Nekede Mechanic Village, Owerri, Southeastern, Nigeria. <i>Chemistry Africa</i> , 2021, 4, 429.	2.4	9
32	Batch Adsorption Studies of Sunset Yellow and Tartrazine Using Coconut and Groundnut Shells. <i>Journal of Biomedical Research & Environmental Sciences</i> , 2020, 1, 163-172.	0.2	9
33	Monitoring and modeling of heavy metal contents in vegetables collected from markets in Imo State, Nigeria. <i>Environmental Analysis, Health and Toxicology</i> , 2020, 35, e2020003.	1.8	9
34	Sorption of Per- and Polyfluoroalkyl Substances (PFAS) using Polyethylene (PE) microplastics as adsorbent: Grand Canonical Monte Carlo and Molecular Dynamics (GCMC-MD) studies. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-17.	3.3	9
35	A chemometric review of heavy metals (Zn, Cd, Pb, Fe, Cu, Ni and Mn) in top soils of Imo state, Southeastern Nigeria. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 6151-6176.	3.3	8
36	Soil Cationic Relationships, Structural and Fertility Assessment Within Selected Active Dumpsites in Nigeria. <i>Chemistry Africa</i> , 2021, 4, 127-136.	2.4	8

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37	Competitive biosorption and phytotoxicity of chlorophenols in aqueous solution to <i>Canna indica</i> L. <i>Current Research in Green and Sustainable Chemistry</i> , 2021, 4, 100094.	5.6	8
38	Bioaccumulation and health risk assessment of heavy metals in <i>Musa paradisiaca</i> , <i>Zea mays</i> , <i>Cucumeropsis manii</i> and <i>Manihot esculenta</i> cultivated in Onne, Rivers State, Nigeria. <i>Environmental Analysis, Health and Toxicology</i> , 2020, 35, e2020011.	1.8	8
39	Progress and future perspectives of microplastic research in Nigeria. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 1971-1981.	3.3	7
40	Human health risk assessment of the levels of dioxin-like polychlorinated biphenyls (PCBs) in soils from mechanic workshops within Nekede mechanic village, Imo State, Nigeria. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 7686-7696.	3.3	7
41	Indirect exposure to novel coronavirus (SARS-CoV-2): an overview of current knowledge. <i>Jurnal Teknologi Laboratorium</i> , 2020, 9, 67-77.	0.3	7
42	In silico binding affinity studies of microbial enzymatic degradation of plastics. <i>Journal of Hazardous Materials Advances</i> , 2022, 6, 100076.	3.0	7
43	Health Risks Of Consuming Untreated Borehole Water From Uzoubi Umuna Orlu, Imo State Nigeria. <i>Journal of Environmental Analytical Chemistry</i> , 2018, 05, .	0.3	6
44	A Review on the Quality of Palm Oil (&i>Elaeis guineensis&i>) Produced Locally in Imo State, Nigeria. <i>Sustainable Food Production</i> , 0, 4, 40-50.	0.0	6
45	A problem in Disguise: A Review Paper on Generous Uses of Polyethylene Bags (Nylon bags) in Nigeria and its Environmental Implications. <i>AIMS Environmental Science</i> , 2020, 7, 602-610.	1.4	6
46	Nutrient uptake and pharmaceutical compounds of <i>Aloe vera</i> as influenced by integration of inorganic fertilizer and poultry manure in soil. <i>Heliyon</i> , 2021, 7, e07464.	3.2	5
47	Nitrogen use efficiency and critical leaf N concentration of <i>Aloe vera</i> in urea and diammonium phosphate amended soil. <i>Heliyon</i> , 2020, 6, e05718.	3.2	5
48	Chemometric Assessment of Orashi River after Confluence with Oguta Lake. <i>IJFAC (Indonesian Journal) Tj ETQq0 0 0 rgBT /Overlock 10 1</i>	0.2	5
49	Evaluation of Anthropogenic Carbon Dioxide (CO ₂) Concentrations along River Nworie, Imo State, Nigeria. <i>Environment Pollution and Climate Change</i> , 2018, 02, .	0.1	5
50	Assessment of potentially toxic metals adsorbed on small macroplastics in urban roadside soils in southeastern Nigeria. <i>Journal of Hazardous Materials Advances</i> , 2022, 7, 100122.	3.0	5
51	Blocking the interactions between human ACE2 and coronavirus spike glycoprotein by selected drugs: a computational perspective. <i>Environmental Analysis, Health and Toxicology</i> , 2021, 36, e2021010.	1.8	4
52	Microplastics from degradation of tires in sewer networks of the city of Riobamba, Ecuador. <i>Environmental Engineering Research</i> , 2021, 26, 200276-0.	2.5	4
53	Characteristics and Potential Inhalation Exposure Risks of Environmentally Persistent Free Radicals in Atmospheric Particulate Matter and Solid Fuel Combustion Particles in High Lung Cancer Incidence Area, China. <i>Atmosphere</i> , 2021, 12, 1467.	2.3	4
54	Status of liquid biofuels in Nigeria and tools for environmental sustainability assessment. <i>International Journal of Energy and Water Resources</i> , 2021, 5, 101-111.	2.2	2

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55	Potential health risk index of polyaromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs) and organochlorine pesticides (OCPs) in fish species from Oguta Lake, Nigeria. International Journal of Environmental Analytical Chemistry, 0, , 1-15.	3.3	2
56	Effect of Fermentation Time on the Proximate and Mineral Composition of Fermented African Oil Bean Seed "Ugba"™. Sustainable Food Production, 0, 2, 13-20.	0.0	2
57	An Overview of Physical, Chemical and Biological Methods for Removal of Microplastics. Environmental Footprints and Eco-design of Products and Processes, 2022, , 273-289.	1.1	2