

# Christian Ebere Enyoh

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

1,325  
citations

566801

15  
h-index

414034

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. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	241
2	Airborne microplastics: a review study on method for analysis, occurrence, movement and risks. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 668.	1.3	226
3	Microplastics Exposure Routes and Toxicity Studies to Ecosystems: An Overview. <i>Environmental Analysis, Health and Toxicology</i> , 2020, 35, e2020004.	0.7	84
4	A review: Water pollution by heavy metal and organic pollutants: Brief review of sources, effects and progress on remediation with aquatic plants. <i>Analytical Methods in Environmental Chemistry Journal</i> , 0, , 5-38.	0.7	60
5	Pollution and health risks assessment of nitrate and phosphate concentrations in water bodies in South Eastern, Nigeria. <i>Environmental Advances</i> , 2020, 2, 100018.	2.2	53
6	Microplastics pollution in salt pans from the Maheshkhali Channel, Bangladesh. <i>Scientific Reports</i> , 2021, 11, 23187.	1.6	40
7	Levels and health risk assessment of heavy metals in dried fish consumed in Bangladesh. <i>Scientific Reports</i> , 2021, 11, 14642.	1.6	36
8	Macrodebris and microplastics pollution in Nigeria: first report on abundance, distribution and composition. <i>Environmental Analysis, Health and Toxicology</i> , 2019, 34, e2019012.	0.7	35
9	An overview of emerging pollutants in air: Method of analysis and potential public health concern from human environmental exposure. <i>Trends in Environmental Analytical Chemistry</i> , 2020, 28, e00107.	5.3	32
10	Microplastics, an Emerging Concern: A Review of Analytical Techniques for Detecting and Quantifying Microplastics. <i>Analytical Methods in Environmental Chemistry Journal</i> , 2019, 2, 13-30.	0.7	31
11	Determination and Human Health Risk Assessment of Heavy Metals in Floodbasin Soils in Owerri, Southeastern Nigeria. <i>Chemistry Africa</i> , 2020, 3, 1059-1071.	1.2	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. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 3722-3743.	1.8	21
13	Effect of macro-and micro-plastics in soil on growth of Juvenile Lime Tree ( <i>Citrus aurantium</i> ). <i>AIMS Environmental Science</i> , 2020, 7, 526-541.	0.7	21
14	Analytical techniques, occurrence and health effects of micro and nano plastics deposited in street dust. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 6435-6453.	1.8	20
15	Finding a relationship between mobility factors of selected heavy metals and soil particle size in soils from childrenâ€™s playgrounds. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 742.	1.3	19
16	Bioavailability, Average Daily Dose and Risk of Heavy Metals in Soils from Children Playgrounds Within Owerri, Imo State, Nigeria. <i>Chemistry Africa</i> , 2020, 3, 427-438.	1.2	19
17	Characterisation of some soils from flood basin in Amakohia, Owerri, Nigeria. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 3766-3785.	1.8	18
18	Effect of Macro- and Micro-Plastics in Soil on Quantitative Phytochemicals in Different Part of Juvenile Lime Tree ( <i>Citrus aurantium</i> ). <i>International Journal of Environmental Research</i> , 2020, 14, 705-726.	1.1	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.	1.3	16
20	“Plasti-remediation”: Advances in the potential use of environmental plastics for pollutant removal. <i>Environmental Technology and Innovation</i> , 2021, 23, 101791.	3.0	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.	1.8	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, .	0.7	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.	0.6	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, .	1.1	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.	0.7	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.	1.2	10
30	New Analytical Approaches for Effective Quantification and Identification of Nanoplastics in Environmental Samples. <i>Processes</i> , 2021, 9, 2086.	1.3	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.	1.2	9
32	Batch Adsorption Studies of Sunset Yellow and Tartrazine Using Coconut and Groundnut Shells. <i>Journal of Biomedical Research &amp; Environmental Sciences</i> , 2020, 1, 163-172.	0.1	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.	0.7	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.	1.8	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.	1.8	8
36	Soil Cationic Relationships, Structural and Fertility Assessment Within Selected Active Dumpsites in Nigeria. <i>Chemistry Africa</i> , 2021, 4, 127-136.	1.2	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.	2.9	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.	0.7	8
39	Progress and future perspectives of microplastic research in Nigeria. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 1971-1981.	1.8	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.	1.8	7
41	Indirect exposure to novel coronavirus (SARS-CoV-2): an overview of current knowledge. <i>Jurnal Teknologi Laboratorium</i> , 2020, 9, 67-77.	0.4	7
42	In silico binding affinity studies of microbial enzymatic degradation of plastics. <i>Journal of Hazardous Materials Advances</i> , 2022, 6, 100076.	1.2	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 (&#x201c;&#x201c; <i>Elaeis guineensis</i> &#x201c;&#x201c;) 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.	0.7	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.	1.4	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.	1.4	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 <sub>2</sub> ) 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.	1.2	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.	0.7	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.	1.5	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.	1.0	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.	1.3	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.	1.8	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.	0.7	2