

# Beatrice Opeolu

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

588  
citations

687363

13  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

824  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of polycyclic aromatic hydrocarbons [PAHs] in processed meat products using gas chromatography – Flame ionization detector. <i>Food Chemistry</i> , 2014, 156, 296-300.	8.2	93
2	Removal of PFOA and PFOS from aqueous solutions using activated carbon produced from <i>Vitis vinifera</i> leaf litter. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13107-13120.	5.3	60
3	Bioremediation of polycyclic aromatic hydrocarbon (PAH) compounds: (acenaphthene and fluorene) in water using indigenous bacterial species isolated from the Diep and Plankenburg rivers, Western Cape, South Africa. <i>Brazilian Journal of Microbiology</i> , 2017, 48, 314-325.	2.0	59
4	Microplastics in aquatic environment: characterization, ecotoxicological effect, implications for ecosystems and developments in South Africa. <i>Environmental Science and Pollution Research</i> , 2020, 27, 22271-22291.	5.3	40
5	Veterinary pharmaceuticals in aqueous systems and associated effects: an update. <i>Environmental Science and Pollution Research</i> , 2017, 24, 3274-3297.	5.3	39
6	Multi-residue method for the determination of selected veterinary pharmaceutical residues in surface water around Livestock Agricultural farms. <i>Heliyon</i> , 2018, 4, e01066.	3.2	35
7	Determination of selected steroid hormones in some surface water around animal farms in Cape Town using HPLC-DAD. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 363.	2.7	29
8	Human Exposure, Biomarkers, and Fate of Organotins in the Environment. <i>Reviews of Environmental Contamination and Toxicology</i> , 2011, 213, 27-54.	1.3	28
9	Zeolite adsorption capacities in aqueous acidic media; The role of acid choice and quantification method on ciprofloxacin removal. <i>Microporous and Mesoporous Materials</i> , 2018, 255, 226-241.	4.4	27
10	Polymeric Nanocomposites (PNCs) for Wastewater Remediation: An Overview. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 1801-1827.	1.9	24
11	Benzo[a]pyrene and Benzo[k]fluoranthene in Some Processed Fish and Fish Products. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 940-951.	2.6	21
12	Regeneration and reuse of polymeric nanocomposites in wastewater remediation: the future of economic water management. <i>Polymer Bulletin</i> , 2019, 76, 647-681.	3.3	21
13	Abatement of Amoxicillin, Ampicillin, and Chloramphenicol From Aqueous Solutions Using Activated Carbon Prepared From Grape Slurry. <i>Clean - Soil, Air, Water</i> , 2019, 47, 1800077.	1.1	20
14	Beta-FeOOH nanoparticles: a promising nano-based material for water treatment and remediation. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	1.9	16
15	Degradation Pathway of Ozone Oxidation of Phenols and Chlorophenols as Followed by LC-MS-TOF. <i>Ozone: Science and Engineering</i> , 2020, 42, 294-318.	2.5	13
16	Occurrence and probabilistic risk assessment of PAHs in water and sediment samples of the Diep River, South Africa. <i>Heliyon</i> , 2020, 6, e04306.	3.2	12
17	Preparation and Characterization of Activated Carbon – nFe <sub>3</sub> O <sub>4</sub> , Activated Carbon – nSiO <sub>2</sub> and Activated Carbon – nZnO Hybrid Materials. <i>Particle and Particle Systems Characterization</i> , 2012, 29, 178-191.	2.3	11
18	Acute toxicity of piggery effluent and veterinary pharmaceutical cocktail on freshwater organisms. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 293.	2.7	9

#	ARTICLE	IF	CITATIONS
19	Effects of municipal wastewater treatment plant effluent quality on aquatic ecosystem organisms. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2021, 56, 1480-1489.	1.7	8
20	Concentration profile of selected polycyclic aromatic hydrocarbon (PAH) fractions in some processed meat and meat products. Journal of Food Measurement and Characterization, 2013, 7, 122-128.	3.2	7
21	Nanostructured Polymer Composites for Water Remediation. Engineering Materials, 2019, , 275-306.	0.6	5
22	Comparative time-based intermediates study of ozone oxidation of 4-chloro- and 4-nitrophenols followed by LCMS-TOF. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2020, 55, 385-401.	1.7	5
23	Beta-FeOOH/polyamide nanocomposites for the remediation of 4-chlorophenol from contaminated waters. Journal of Polymer Research, 2022, 29, 1.	2.4	3
24	Selected Heavy Metals as Indices of Atmospheric Pollution in African Locust Bean ( <i>Parkia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 542	0.5	2
25	Investigation into the bacterial diversity of sediment samples obtained from Berg River, Western Cape, South Africa. Folia Microbiologica, 2021, 66, 931-947.	2.3	1