

# Fidelis O Ajibade

## List of Publications by Year in descending order

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43  
papers

912  
citations

471061  
17  
h-index

525886  
27  
g-index

47  
all docs

47  
docs citations

47  
times ranked

905  
citing authors

#	ARTICLE	IF	CITATIONS
1	Snowballing transmission of COVID-19 (SARS-CoV-2) through wastewater: Any sustainable preventive measures to curtail the scourge in low-income countries?. <i>Science of the Total Environment</i> , 2020, 742, 140680.	3.9	88
2	Assessment of socioeconomic inequality based on virus-contaminated water usage in developing countries: A review. <i>Environmental Research</i> , 2021, 192, 110309.	3.7	80
3	Evaluating the health risks of heavy metals from vegetables grown on soil irrigated with untreated and treated wastewater in Arba Minch, Ethiopia. <i>Science of the Total Environment</i> , 2021, 761, 143302.	3.9	62
4	Total nitrogen removal in biochar amended non-aerated vertical flow constructed wetlands for secondary wastewater effluent with low C/N ratio: Microbial community structure and dissolved organic carbon release conditions. <i>Bioresource Technology</i> , 2021, 322, 124430.	4.8	52
5	Environmental pollution and their socioeconomic impacts. , 2021, , 321-354.		40
6	Insights into hazardous solid waste generation during COVID-19 pandemic and sustainable management approaches for developing countries. <i>Journal of Material Cycles and Waste Management</i> , 2021, 23, 2077-2086.	1.6	36
7	Combining multicriteria decision analysis with GIS for suitably siting landfills in a Nigerian state. <i>Environmental and Sustainability Indicators</i> , 2019, 3-4, 100010.	1.7	32
8	Biotransforming the Spent Substrate of Shiitake Mushroom ( <i>Lentinula edodes</i> Berk.): A Synergistic Approach to Biogas Production and Tomato ( <i>Solanum lycopersicum</i> L.) Fertilization. <i>Horticulturae</i> , 2022, 8, 479.	1.2	27
9	Advances in micro interfacial phenomena of adsorptive micellar flocculation: Principles and application for water treatment. <i>Water Research</i> , 2021, 202, 117414.	5.3	26
10	The efficiency of microalgae biofilm in the phycoremediation of water from River Kaduna. <i>Journal of Environmental Management</i> , 2021, 295, 113109.	3.8	25
11	Kinetic and Prediction Modeling Studies of Organic Pollutants Removal from Municipal Wastewater using <i>Moringa oleifera</i> Biomass as a Coagulant. <i>Water (Switzerland)</i> , 2020, 12, 2052.	1.2	24
12	Monitoring the presence and persistence of SARS-CoV-2 in water-food-environmental compartments: State of the knowledge and research needs. <i>Environmental Research</i> , 2021, 200, 111373.	3.7	24
13	Dosage and settling time course optimization of <i>Moringa oleifera</i> in municipal wastewater treatment using response surface methodology. , 0, 167, 45-56.		24
14	Sustainable Use of Sewage Sludge as a Casing Material for Button Mushroom ( <i>Agaricus bisporus</i> ) Cultivation: Experimental and Prediction Modeling Studies for Uptake of Metal Elements. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 112.	1.5	24
15	Kinetic Studies on Delignification and Heavy Metals Uptake by Shiitake ( <i>Lentinula edodes</i> ) Mushroom Cultivated on Agro-Industrial Wastes. <i>Horticulturae</i> , 2022, 8, 316.	1.2	23
16	Utilization of electrochemical treatment and surface reconstruction to achieve long lasting catalyst for NOx removal. <i>Journal of Hazardous Materials</i> , 2021, 401, 123440.	6.5	21
17	Performance evaluation of locally produced ceramic filters for household water treatment in Nigeria. <i>Scientific African</i> , 2020, 7, e00218.	0.7	19
18	Total concentration, contamination status and distribution of elements in a Nigerian State dumpsites soil. <i>Environmental and Sustainability Indicators</i> , 2020, 5, 100021.	1.7	19

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19	Groundwater potential assessment as a preliminary step to solving water scarcity challenges in Ekpoma, Edo State, Nigeria. <i>Acta Geophysica</i> , 2021, 69, 1367-1381.	1.0	18
20	A GIS-based AHP-based approach in siting MSW landfills in Lokoja, Nigeria. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	17
21	Environmental implications of animal wastes pollution on agricultural soil and water quality. <i>Soil and Water Research</i> , 2016, 11, 172-180.	0.7	16
22	Perylene pigment wastewater treatment by fenton-enhanced biological process. <i>Environmental Research</i> , 2020, 186, 109522.	3.7	16
23	Bacteria removal efficiency data and properties of Nigerian clay used as a household ceramic water filter. <i>Results in Engineering</i> , 2019, 2, 100011.	2.2	15
24	Potability assessment of packaged sachet water sold within a tertiary institution in southwestern Nigeria. <i>Journal of King Saud University - Science</i> , 2020, 32, 1999-2004.	1.6	15
25	Potential dam sites selection using integrated techniques of remote sensing and GIS in Imo State, Southeastern, Nigeria. <i>Sustainable Water Resources Management</i> , 2020, 6, 1.	1.0	15
26	Evaluating the effect of fenton pretreated pyridine wastewater under different biological conditions: Microbial diversity and biotransformation pathways. <i>Journal of Environmental Management</i> , 2021, 287, 112297.	3.8	15
27	Influence of transboundary air pollution and meteorology on air quality in three major cities of Anhui Province, China. <i>Journal of Cleaner Production</i> , 2021, 329, 129641.	4.6	15
28	Applying rhamnolipid to enhance hydrolysis and acidogenesis of waste activated sludge: retarded methanogenic community evolution and methane production. <i>RSC Advances</i> , 2019, 9, 2034-2041.	1.7	14
29	Flood-prone area mapping using GIS-based analytical hierarchy frameworks for Ibadan city, Nigeria. <i>Journal of Multi-Criteria Decision Analysis</i> , 2021, 28, 283-295.	1.0	13
30	Integrated seawater intrusion and groundwater quality assessment of a coastal aquifer: GALDIT, geospatial and analytical approaches. <i>Environmental Science and Pollution Research</i> , 2022, 29, 36699-36720.	2.7	12
31	Development of Flood Prone Area Map for Igbokoda Township using Geospatial Technique. <i>Journal of Applied Science &amp; Process Engineering</i> , 2017, 4, 158-178.	0.0	11
32	Application of RUSLE integrated with GIS and remote sensing techniques to assess soil erosion in Anambra State, South-Eastern Nigeria. <i>Journal of Water and Climate Change</i> , 2020, 11, 407-422.	1.2	10
33	A safe haven of SARS-CoV-2 in the environment: Prevalence and potential transmission risks in the effluent, sludge, and biosolids. <i>Geoscience Frontiers</i> , 2022, 13, 101373.	4.3	9
34	Impacts of Varying Tillage Operations on Infiltration Capacity of Agricultural Soils. <i>International Journal of Soil Science</i> , 2016, 11, 29-35.	0.7	7
35	The threatening effects of open dumping on soil at waste disposal sites of Akure City, Nigeria. <i>International Journal of Environment and Waste Management</i> , 2021, 27, 127.	0.2	6
36	APPRAISAL OF ON-SITE SANITATION FACILITIES AND SOLID WASTE MANAGEMENT IN PUBLIC PLACES WITHIN AKURE MUNICIPALITY, NIGERIA. <i>Journal of Civil Engineering Science and Technology</i> , 2020, 11, 8-21.	0.5	5

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37	Removal of Nitrogen Oxyanion (Nitrate) in Constructed Wetlands. Environmental Contamination Remediation and Management, 2021, , 349-378.	0.5	5
38	Natural freshwater microalgae biofilm as a tool for the clean-up of water resulting from mining activities. International Journal of Transgender Health, 2020, 13, 644-657.	1.1	4
39	The utilization of bentonite enhanced termite mound soil mixture as filter for the treatment of paint industrial effluent. SN Applied Sciences, 2021, 3, 1.	1.5	4
40	Effect of crude oil exploration and exploitation activities on soil, water and air in a Nigerian community. Environmental Technology (United Kingdom), 2023, 44, 988-1000.	1.2	4
41	Periodic determination of physicochemical and bacteriological characteristics of wastewater effluents for possible reuse as irrigation water. International Journal of Energy and Water Resources, 2019, 3, 269-276.	1.3	3
42	Application of GIS and Remote Sensing Technique to Change Detection in Land Use/Land Cover Mapping of Igbokoda, Ondo State, Nigeria. Journal of Applied Science & Process Engineering, 2016, 3, .	0.0	3
43	Presence, detection, and persistence of SARS-CoV-2 in wastewater and the sustainable remedial measures. , 2021, , 91-114.		2