

# Fidelis O Ajibade

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46  
papers

441  
citations

12  
h-index

19  
g-index

47  
ext. papers

653  
ext. citations

4.7  
avg, IF

4.55  
L-index

#	Paper	IF	Citations
46	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> , <b>2020</b> , 742, 140680	10.2	58
45	Assessment of socioeconomic inequality based on virus-contaminated water usage in developing countries: A review. <i>Environmental Research</i> , <b>2021</b> , 192, 110309	7.9	35
44	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> , <b>2021</b> , 322, 124430	11	24
43	Combining multicriteria decision analysis with GIS for suitably siting landfills in a Nigerian state. <i>Environmental and Sustainability Indicators</i> , <b>2019</b> , 3-4, 100010	3.5	23
42	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> , <b>2021</b> , 761, 143302	10.2	20
41	Environmental pollution and their socioeconomic impacts <b>2021</b> , 321-354		17
40	Dosage and settling time course optimization of Moringa oleifera in municipal wastewater treatment using response surface methodology 167, 45-56		16
39	Performance evaluation of locally produced ceramic filters for household water treatment in Nigeria. <i>Scientific African</i> , <b>2020</b> , 7, e00218	1.7	15
38	A GIS/AHP-based approach in siting MSW landfills in Lokoja, Nigeria. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	14
37	Total concentration, contamination status and distribution of elements in a Nigerian State dumpsites soil. <i>Environmental and Sustainability Indicators</i> , <b>2020</b> , 5, 100021	3.5	13
36	Kinetic and Prediction Modeling Studies of Organic Pollutants Removal from Municipal Wastewater using Moringa oleifera Biomass as a Coagulant. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 2052	3	13
35	Applying rhamnolipid to enhance hydrolysis and acidogenesis of waste activated sludge: retarded methanogenic community evolution and methane production.. <i>RSC Advances</i> , <b>2019</b> , 9, 2034-2041	3.7	12
34	Bacteria removal efficiency data and properties of Nigerian clay used as a household ceramic water filter. <i>Results in Engineering</i> , <b>2019</b> , 2, 100011	3.3	12
33	Utilization of electrochemical treatment and surface reconstruction to achieve long lasting catalyst for NO removal. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 401, 123440	12.8	12
32	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> , <b>2021</b> , 200, 111373	7.9	12
31	Environmental implications of animal wastes pollution on agricultural soil and water quality □ <i>Soil and Water Research</i> , <b>2016</b> , 11, 172-180	2.5	11
30	Potability assessment of packaged sachet water sold within a tertiary institution in southwestern Nigeria. <i>Journal of King Saud University - Science</i> , <b>2020</b> , 32, 1999-2004	3.6	10

29	Perylene pigment wastewater treatment by fenton-enhanced biological process. <i>Environmental Research</i> , <b>2020</b> , 186, 109522	7.9	10
28	Potential dam sites selection using integrated techniques of remote sensing and GIS in Imo State, Southeastern, Nigeria. <i>Sustainable Water Resources Management</i> , <b>2020</b> , 6, 1	1.9	9
27	Development of Flood Prone Area Map for Igbokoda Township using Geospatial Technique. <i>Journal of Applied Science &amp; Process Engineering</i> , <b>2017</b> , 4, 158-178	1	9
26	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> , <b>2021</b> , 23, 2077-2086	3.4	9
25	The efficiency of microalgae biofilm in the phycoremediation of water from River Kaduna. <i>Journal of Environmental Management</i> , <b>2021</b> , 295, 113109	7.9	9
24	Sustainable Use of Sewage Sludge as a Casing Material for Button Mushroom () Cultivation: Experimental and Prediction Modeling Studies for Uptake of Metal Elements.. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2022</b> , 8,	5.6	7
23	Advances in micro interfacial phenomena of adsorptive micellar flocculation: Principles and application for water treatment. <i>Water Research</i> , <b>2021</b> , 202, 117414	12.5	7
22	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> , <b>2020</b> , 11, 407-422	2.3	6
21	Groundwater potential assessment as a preliminary step to solving water scarcity challenges in Ekpoma, Edo State, Nigeria. <i>Acta Geophysica</i> , <b>2021</b> , 69, 1367-1381	2.2	6
20	Evaluating the effect of fenton pretreated pyridine wastewater under different biological conditions: Microbial diversity and biotransformation pathways. <i>Journal of Environmental Management</i> , <b>2021</b> , 287, 112297	7.9	5
19	Kinetic Studies on Delignification and Heavy Metals Uptake by Shiitake ( <i>Lentinula edodes</i> ) Mushroom Cultivated on Agro-Industrial Wastes. <i>Horticulturae</i> , <b>2022</b> , 8, 316	2.5	5
18	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> , <b>2020</b> , 11, 8-21	0.7	4
17	Impacts of Varying Tillage Operations on Infiltration Capacity of Agricultural Soils. <i>International Journal of Soil Science</i> , <b>2016</b> , 11, 29-35	0.2	4
16	Natural freshwater microalgae biofilm as a tool for the clean-up of water resulting from mining activities <b>2020</b> , 13, 644-657		4
15	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> , <b>2021</b> , 27, 127	0.9	4
14	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> , <b>2022</b> , 8, 479	2.5	4
13	Role of Nanotechnology in Coronavirus Detection <b>2021</b> , 87-103		3
12	Effects of COVID -19: An Environmental Point of View <b>2021</b> , 219-242		3

11	Periodic determination of physicochemical and bacteriological characteristics of wastewater effluents for possible reuse as irrigation water. <i>International Journal of Energy and Water Resources</i> , <b>2019</b> , 3, 269-276	2.2	2
10	Influence of transboundary air pollution and meteorology on air quality in three major cities of Anhui Province, China. <i>Journal of Cleaner Production</i> , <b>2021</b> , 329, 129641	10.3	2
9	Application of GIS and Remote Sensing Technique to Change Detection in Land Use/Land Cover Mapping of Igbokoda, Ondo State, Nigeria. <i>Journal of Applied Science &amp; Process Engineering</i> , <b>2016</b> , 3,	1	2
8	Effect of crude oil exploration and exploitation activities on soil, water and air in a Nigerian community. <i>Environmental Technology (United Kingdom)</i> , <b>2021</b> , 1-13	2.6	2
7	The utilization of bentonite enhanced termite mound soil mixture as filter for the treatment of paint industrial effluent. <i>SN Applied Sciences</i> , <b>2021</b> , 3, 1	1.8	2
6	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> , <b>2022</b> , 101373	6	2
5	Integrated seawater intrusion and groundwater quality assessment of a coastal aquifer: GALDIT, geospatial and analytical approaches.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	1
4	Removal of Nitrogen Oxyanion (Nitrate) in Constructed Wetlands. <i>Environmental Contamination Remediation and Management</i> , <b>2021</b> , 349-378		1
3	Flood-prone area mapping using GIS-based analytical hierarchy frameworks for Ibadan city, Nigeria. <i>Journal of Multi-Criteria Decision Analysis</i> ,	1.9	1
2	Presence, detection, and persistence of SARS-CoV-2 in wastewater and the sustainable remedial measures <b>2021</b> , 91-114		1
1	Adapting to the Changing Environment: Microbial Way of Life <b>2022</b> , 311-334		0