

# Bashir Adelodun

## List of Publications by Year in Descending Order

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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.

45  
papers

363  
citations

11  
h-index

16  
g-index

50  
ext. papers

594  
ext. citations

3.9  
avg, IF

4.56  
L-index

#	Paper	IF	Citations
45	Combined Use of Sewage Sludge and Plant Growth-Promoting Rhizobia Improves Germination, Biochemical Response and Yield of Ridge Gourd ( <i>Luffa acutangula</i> (L.) Roxb.) under Field Conditions. <i>Agriculture (Switzerland)</i> , <b>2022</b> , 12, 173	3	2
44	Microbial impact on climate-smart agricultural practices <b>2022</b> , 203-236		2
43	Sustainable Use of Sewage Sludge as a Casing Material for Button Mushroom ( <i>Lycoperdon</i> ) 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
42	Adapting to the Changing Environment: Microbial Way of Life <b>2022</b> , 311-334		0
41	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
40	Multi-Level Prioritization Analysis of Water Governance Components to Improve Agricultural Water-Saving Policy: A Case Study from Korea. <i>Sustainability</i> , <b>2022</b> , 14, 3248	3.6	0
39	An Analysis of Nanoparticles Derived from Coal Fly Ash Incorporated into Concrete. <i>Sustainability</i> , <b>2022</b> , 14, 3943	3.6	0
38	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
37	Spatial Assessment of Potentially Toxic Elements (PTE) Concentration in <i>Agaricus bisporus</i> Mushroom Collected from Local Vegetable Markets of Uttarakhand State, India. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2022</b> , 8, 452	5.6	6
36	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
35	Removal of Nitrogen Oxyanion (Nitrate) in Constructed Wetlands. <i>Environmental Contamination Remediation and Management</i> , <b>2021</b> , 349-378		1
34	Influence mechanism of climate change over crop growth and water demands for wheat-rice system of Punjab, Pakistan. <i>Journal of Water and Climate Change</i> , <b>2021</b> , 12, 1184-1202	2.3	6
33	A review of the presence of SARS-CoV-2 RNA in wastewater and airborne particulates and its use for virus spreading surveillance. <i>Environmental Research</i> , <b>2021</b> , 196, 110929	7.9	25
32	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
31	Status of Environmental Life Cycle Assessment (LCA): A Case Study of South Korea. <i>Sustainability</i> , <b>2021</b> , 13, 6234	3.6	4
30	Assessment of environmental and economic aspects of household food waste using a new Environmental-Economic Footprint (EN-EC) index: A case study of Daegu, South Korea. <i>Science of the Total Environment</i> , <b>2021</b> , 776, 145928	10.2	13
29	Conflicting Drivers of Virtual Water Trade: A Review Based on the Virtual Water Concept <i>Water Economics and Policy</i> , <b>2021</b> , 07, 2150011	0.8	5

28	Role of Nanotechnology in Coronavirus Detection <b>2021</b> , 87-103		3
27	Effects of COVID -19: An Environmental Point of View <b>2021</b> , 219-242		3
26	Comparative assessment of technical efficiencies of irrigated crop production farms: A case study of the large-scale Kampe-Omi irrigation scheme, Nigeria. <i>African Journal of Science, Technology, Innovation and Development</i> , <b>2021</b> , 13, 293-302	0.7	7
25	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
24	Environmental pollution and their socioeconomic impacts <b>2021</b> , 321-354		17
23	Presence, detection, and persistence of SARS-CoV-2 in wastewater and the sustainable remedial measures <b>2021</b> , 91-114		1
22	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, 1	0.9	3
21	Assessment of food waste generation and composition among Korean households using novel sampling and statistical approaches. <i>Waste Management</i> , <b>2021</b> , 122, 71-80	8.6	13
20	Phytoremediation of dairy wastewater using <i>Azolla pinnata</i> : Application of image processing technique for leaflet growth simulation. <i>Journal of Water Process Engineering</i> , <b>2021</b> , 42, 102152	6.7	8
19	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
18	Modeling of mineral elements uptake and localization in cabbage inflorescence ( <i>Brassica oleracea</i> var. capitata) grown on sugar mill pressmud-amended soils. <i>Environmental Monitoring and Assessment</i> , <b>2021</b> , 193, 586	3.1	3
17	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
16	Understanding the impacts of the COVID-19 pandemic on sustainable agri-food system and agroecosystem decarbonization nexus: A review. <i>Journal of Cleaner Production</i> , <b>2021</b> , 318, 128451	10.3	10
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	Indoor Nanoparticle Characterization in Construction Waste Recycling Companies over Time. <i>Sustainability</i> , <b>2021</b> , 13, 14071	3.6	0
13	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
12	Impact of food wastage on water resources and GHG emissions in Korea: A trend-based prediction modeling study. <i>Journal of Cleaner Production</i> , <b>2020</b> , 271, 122562	10.3	10
11	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

10	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
9	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
8	SWOT analysis of agro-waste based adsorbents for persistent dye pollutants removal from wastewaters <b>2020</b> , 88-103		3
7	Spatial Analysis and Prediction of Soil Erosion in a Complex Watershed of Cameron Highlands, Malaysia. <i>Advances in Science, Technology and Innovation</i> , <b>2020</b> , 461-477	0.3	2
6	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
5	A review of the evaluation of irrigation practice in Nigeria: Past, present and future prospects. <i>African Journal of Agricultural Research Vol Pp</i> , <b>2018</b> , 13, 2087-2097	0.5	11
4	Dosage and settling time course optimization of Moringa oleifera in municipal wastewater treatment using response surface methodology 167, 45-56		16
3	Modeling of water hyacinth growth and its role in heavy metals accumulation from unoperated old Ganga canal at Haridwar, India. <i>Rendiconti Lincei</i> , 1	1.7	0
2	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
1	Modeling the Influence of Seasonal Climate Variability on Soybean Yield in a Temperate Environment: South Korea as a Case Study. <i>International Journal of Plant Production</i> , 1	2.4	1