

Bashir Adelodun

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.

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 | 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 | 10.2 | 58 |
| 44 | Assessment of socioeconomic inequality based on virus-contaminated water usage in developing countries: A review. <i>Environmental Research</i> , 2021 , 192, 110309 | 7.9 | 35 |
| 43 | 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> , 2021 , 196, 110929 | 7.9 | 25 |
| 42 | Environmental pollution and their socioeconomic impacts 2021 , 321-354 | | 17 |
| 41 | Dosage and settling time course optimization of Moringa oleifera in municipal wastewater treatment using response surface methodology 167, 45-56 | | 16 |
| 40 | Total concentration, contamination status and distribution of elements in a Nigerian State dumpsites soil. <i>Environmental and Sustainability Indicators</i> , 2020 , 5, 100021 | 3.5 | 13 |
| 39 | Kinetic and Prediction Modeling Studies of Organic Pollutants Removal from Municipal Wastewater using Moringa oleifera Biomass as a Coagulant. <i>Water (Switzerland)</i> , 2020 , 12, 2052 | 3 | 13 |
| 38 | 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> , 2021 , 776, 145928 | 10.2 | 13 |
| 37 | Assessment of food waste generation and composition among Korean households using novel sampling and statistical approaches. <i>Waste Management</i> , 2021 , 122, 71-80 | 8.6 | 13 |
| 36 | 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 | 7.9 | 12 |
| 35 | A review of the evaluation of irrigation practice in Nigeria: Past, present and future prospects. <i>African Journal of Agricultural Research Vol Pp</i> , 2018 , 13, 2087-2097 | 0.5 | 11 |
| 34 | Impact of food wastage on water resources and GHG emissions in Korea: A trend-based prediction modeling study. <i>Journal of Cleaner Production</i> , 2020 , 271, 122562 | 10.3 | 10 |
| 33 | 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> , 2021 , 318, 128451 | 10.3 | 10 |
| 32 | 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 | 1.9 | 9 |
| 31 | 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 | 3.4 | 9 |
| 30 | Phytoremediation of dairy wastewater using Azolla pinnata: Application of image processing technique for leaflet growth simulation. <i>Journal of Water Process Engineering</i> , 2021 , 42, 102152 | 6.7 | 8 |
| 29 | 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> , 2022 , 8, | 5.6 | 7 |

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| 28 | 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> , 2021 , 13, 293-302 | 0.7 | 7 |
| 27 | 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 | 2.3 | 6 |
| 26 | 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> , 2021 , 12, 1184-1202 | 2.3 | 6 |
| 25 | 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 | 2.2 | 6 |
| 24 | Spatial Assessment of Potentially Toxic Elements (PTE) Concentration in Agaricus bisporus Mushroom Collected from Local Vegetable Markets of Uttarakhand State, India. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022 , 8, 452 | 5.6 | 6 |
| 23 | Conflicting Drivers of Virtual Water Trade: A Review Based on the Virtual Water Concept. <i>Water Economics and Policy</i> , 2021 , 07, 2150011 | 0.8 | 5 |
| 22 | 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 | 2.5 | 5 |
| 21 | Status of Environmental Life Cycle Assessment (LCA): A Case Study of South Korea. <i>Sustainability</i> , 2021 , 13, 6234 | 3.6 | 4 |
| 20 | 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 | 0.9 | 4 |
| 19 | 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 | 2.5 | 4 |
| 18 | SWOT analysis of agro-waste based adsorbents for persistent dye pollutants removal from wastewaters 2020 , 88-103 | | 3 |
| 17 | Role of Nanotechnology in Coronavirus Detection 2021 , 87-103 | | 3 |
| 16 | Effects of COVID -19: An Environmental Point of View 2021 , 219-242 | | 3 |
| 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> , 2021 , 27, 1 | 0.9 | 3 |
| 14 | 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> , 2021 , 193, 586 | 3.1 | 3 |
| 13 | 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> , 2022 , 12, 173 | 3 | 2 |
| 12 | Microbial impact on climate-smart agricultural practices 2022 , 203-236 | | 2 |
| 11 | Spatial Analysis and Prediction of Soil Erosion in a Complex Watershed of Cameron Highlands, Malaysia. <i>Advances in Science, Technology and Innovation</i> , 2020 , 461-477 | 0.3 | 2 |

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| 10 | 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 , 101373 | 6 | 2 |
| 9 | Removal of Nitrogen Oxyanion (Nitrate) in Constructed Wetlands. <i>Environmental Contamination Remediation and Management</i> , 2021 , 349-378 | | 1 |
| 8 | 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 |
| 7 | Presence, detection, and persistence of SARS-CoV-2 in wastewater and the sustainable remedial measures 2021 , 91-114 | | 1 |
| 6 | 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 |
| 5 | 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 |
| 4 | Adapting to the Changing Environment: Microbial Way of Life 2022 , 311-334 | | 0 |
| 3 | Multi-Level Prioritization Analysis of Water Governance Components to Improve Agricultural Water-Saving Policy: A Case Study from Korea. <i>Sustainability</i> , 2022 , 14, 3248 | 3.6 | 0 |
| 2 | An Analysis of Nanoparticles Derived from Coal Fly Ash Incorporated into Concrete. <i>Sustainability</i> , 2022 , 14, 3943 | 3.6 | 0 |
| 1 | Indoor Nanoparticle Characterization in Construction Waste Recycling Companies over Time. <i>Sustainability</i> , 2021 , 13, 14071 | 3.6 | 0 |