

Bashir Adelodun

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

850
citations

471509
17
h-index

552781
26
g-index

50
all docs

50
docs citations

50
times ranked

683
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.	8.0	88
2	Assessment of socioeconomic inequality based on virus-contaminated water usage in developing countries: A review. <i>Environmental Research</i> , 2021, 192, 110309.	7.5	80
3	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.	7.5	56
4	Environmental pollution and their socioeconomic impacts. , 2021, , 321-354.		40
5	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.	9.3	40
6	Assessment of food waste generation and composition among Korean households using novel sampling and statistical approaches. <i>Waste Management</i> , 2021, 122, 71-80.	7.4	36
7	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.	3.0	36
8	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.	8.0	27
9	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.	2.8	27
10	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> , 2021, 42, 102152.	5.6	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.	2.7	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.	7.5	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.	3.5	24
15	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,)</i> Tj ETQq1 1 0.7843143gBT /Overclock 10	1.0	24
16	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.	2.8	23
17	A review of the evaluation of irrigation practice in Nigeria: Past, present and future prospects. <i>African Journal of Agricultural Research</i> Vol Pp, 2018, 13, 2087-2097.	0.5	20
18	Total concentration, contamination status and distribution of elements in a Nigerian State dumpsites soil. <i>Environmental and Sustainability Indicators</i> , 2020, 5, 100021.	3.3	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.	2.0	18
20	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.	9.3	17
21	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.	2.1	15
22	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.	1.9	13
23	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.	2.9	11
24	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.	2.9	10
25	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.	1.6	10
26	Conflicting Drivers of Virtual Water Trade: A Review Based on the "Virtual Water Concept". <i>Water Economics and Policy</i> , 2021, 07, .	1.0	9
27	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.	8.4	9
28	Sustainable Upcycling of Mushroom Farm Wastewater through Cultivation of Two Water Ferns (<i>Azolla</i> spp.) in Stagnant and Flowing Tank Reactors. <i>Horticulturae</i> , 2022, 8, 506.	2.8	9
29	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> , 2022, 16, 209-222.	2.2	8
30	Status of Environmental Life Cycle Assessment (LCA): A Case Study of South Korea. <i>Sustainability</i> , 2021, 13, 6234.	3.2	7
31	Modeling of water hyacinth growth and its role in heavy metals accumulation from unoperated old Ganga canal at Haridwar, India. <i>Rendiconti Lincei</i> , 0, , 1.	2.2	7
32	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.	0.3	6
33	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.	0.3	6
34	Modeling of mineral elements uptake and localization in cabbage inflorescence (<i>Brassica oleracea</i> var.) Tj ETQq0 0 0 rgBT /Overlock 10 T 2021, 193, 586.	2.7	5
35	Removal of Nitrogen Oxyanion (Nitrate) in Constructed Wetlands. <i>Environmental Contamination Remediation and Management</i> , 2021, , 349-378.	1.0	5
36	Microbial impact on climate-smart agricultural practices. , 2022, , 203-236.		5

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37	Phytoremediation Mechanisms of Heavy Metal Removal: A Step Towards a Green and Sustainable Environment. , 2021, , 207-236.		5
38	Foliar use of TiO ₂ -nanoparticles for okra (<i>Abelmoschus esculentus</i> L. Moench) cultivation on sewage sludge-amended soils: biochemical response and heavy metal accumulation. Environmental Science and Pollution Research, 2022, 29, 66507-66518.	5.3	5
39	SWOT analysis of agro-waste based adsorbents for persistent dye pollutants removal from wastewaters. , 2020, , 88-103.		4
40	An Analysis of Nanoparticles Derived from Coal Fly Ash Incorporated into Concrete. Sustainability, 2022, 14, 3943.	3.2	4
41	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. Agriculture (Switzerland), 2022, 12, 173.	3.1	3
42	Presence, detection, and persistence of SARS-CoV-2 in wastewater and the sustainable remedial measures. , 2021, , 91-114.		2
43	Artificial Neural Network Modelling of Biochemical Oxygen Demand and Dissolved Oxygen of Rivers: Case Study of Asa River. Environmental Research, Engineering and Management, 2017, 72, .	1.0	2
44	Spatial Analysis and Prediction of Soil Erosion in a Complex Watershed of Cameron Highlands, Malaysia. Advances in Science, Technology and Innovation, 2020, , 461-477.	0.4	2
45	Multi-Level Prioritization Analysis of Water Governance Components to Improve Agricultural Water-Saving Policy: A Case Study from Korea. Sustainability, 2022, 14, 3248.	3.2	2
46	Indoor Nanoparticle Characterization in Construction Waste Recycling Companies over Time. Sustainability, 2021, 13, 14071.	3.2	2
47	Activated Locust Bean Pod (<i>Parliament Biglobosa</i>) as a Potential Coagulant for Domestic Sewage Treatment. Environmental Research, Engineering and Management, 2018, 73, .	1.0	0