

Charles Onyutha

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,174
citations

393982

19
h-index

454577

30
g-index

58
all docs

58
docs citations

58
times ranked

949
citing authors

#	ARTICLE	IF	CITATIONS
1	Negative emotions about climate change are related to insomnia symptoms and mental health: Cross-sectional evidence from 25 countries. <i>Current Psychology</i> , 2023, 42, 845-854.	1.7	61
2	A hydrological model skill score and revised R-squared. <i>Hydrology Research</i> , 2022, 53, 51-64.	1.1	24
3	Hydrodynamic Modelling of Floods and Estimating Socio-economic Impacts of Floods in Ugandan River Malaba Sub-catchment. <i>Earth Systems and Environment</i> , 2022, 6, 45-67.	3.0	7
4	Modelling chlorine residuals in drinking water: a review. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 11613-11630.	1.8	11
5	East African population exposure to precipitation extremes under 1.5 Å°C and 2.0 Å°C warming levels based on CMIP6 models. <i>Environmental Research Letters</i> , 2022, 17, 044051.	2.2	13
6	Tap versus Bottled Water in Kampala, Uganda: Analyses of Consumersâ€™ Perception alongside Bacteriological and Physicochemical Quality. <i>Journal of Environmental and Public Health</i> , 2022, 2022, 1-13.	0.4	0
7	Projected changes in rainfall over Uganda based on CMIP6 models. <i>Theoretical and Applied Climatology</i> , 2022, 149, 1117-1134.	1.3	8
8	COVIDiSTRESS diverse dataset on psychological and behavioural outcomes one year into the COVID-19 pandemic. <i>Scientific Data</i> , 2022, 9, .	2.4	12
9	Comparison of the inter-item correlations of the Big Five Inventory-10 (BFI-10) between Western and non-Western contexts. <i>Personality and Individual Differences</i> , 2022, 196, 111751.	1.6	3
10	Drought across East Africa under climate variability. , 2022, , 159-173.		0
11	Changes in precipitation and evapotranspiration over Lokok and Lokere catchments in Uganda. <i>Bulletin of Atmospheric Science and Technology</i> , 2021, 2, 1.	0.4	6
12	Performance of rainfallâ€™runoff models in reproducing hydrological extremes: a case of the River Malaba sub-catchment. <i>SN Applied Sciences</i> , 2021, 3, 1.	1.5	7
13	Water availability trends across water management zones in Uganda. <i>Atmospheric Science Letters</i> , 2021, 22, e1059.	0.8	5
14	Long-term climatic water availability trends and variability across the African continent. <i>Theoretical and Applied Climatology</i> , 2021, 146, 1-17.	1.3	6
15	Observed and Future Precipitation and Evapotranspiration in Water Management Zones of Uganda: CMIP6 Projections. <i>Atmosphere</i> , 2021, 12, 887.	1.0	21
16	Analyses of community willingness-to-pay and the influencing factors towards restoration of River Malaba floodplains. <i>Environmental Challenges</i> , 2021, 4, 100160.	2.0	1
17	Contributions of Human Activities and Climatic Variability to Changes in River Rwizi Flows in Uganda, East Africa. <i>Hydrology</i> , 2021, 8, 145.	1.3	4
18	Impacts of climate variability and changing land use/land cover on River Mpanga flows in Uganda, East Africa. <i>Environmental Challenges</i> , 2021, 5, 100273.	2.0	12

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19	Suitability of averaged outputs from multiple rainfall-runoff models for hydrological extremes: a case of River Kafu catchment in East Africa. <i>International Journal of Energy and Water Resources</i> , 2021, 5, 43-56.	1.3	8
20	Graphical-statistical method to explore variability of hydrological time series. <i>Hydrology Research</i> , 2021, 52, 266-283.	1.1	35
21	Investigating false start of the main growing season: A case of Uganda in East Africa. <i>Heliyon</i> , 2021, 7, e08428.	1.4	12
22	Historical Rainfall and Evapotranspiration Changes over Mpologoma Catchment in Uganda. <i>Advances in Meteorology</i> , 2020, 2020, 1-19.	0.6	18
23	Analyses of Precipitation and Evapotranspiration Changes across the Lake Kyoga Basin in East Africa. <i>Water (Switzerland)</i> , 2020, 12, 1134.	1.2	14
24	Analyses of rainfall extremes in East Africa based on observations from rain gauges and climate change simulations by CORDEX RCMs. <i>Climate Dynamics</i> , 2020, 54, 4841-4864.	1.7	32
25	Combined Use of Graphical and Statistical Approaches for Analyzing Historical Precipitation Changes in the Black Sea Region of Turkey. <i>Water (Switzerland)</i> , 2020, 12, 705.	1.2	20
26	Assessment of the Effects of Procurement Planning Processes on Performance of Construction Contracts in Local Governments in Uganda. <i>Journal of Civil Construction and Environmental Engineering</i> , 2020, 5, 151.	0.2	3
27	Contribution of climatic variability and human activities to stream flow changes in the Haraz River basin, northern Iran. <i>Journal of Hydro-Environment Research</i> , 2019, 25, 12-24.	1.0	54
28	Hydrological Model Supported by a Step-Wise Calibration against Sub-Flows and Validation of Extreme Flow Events. <i>Water (Switzerland)</i> , 2019, 11, 244.	1.2	14
29	African food insecurity in a changing climate: The roles of science and policy. <i>Food and Energy Security</i> , 2019, 8, e00160.	2.0	28
30	How well do climate models reproduce variability in observed rainfall? A case study of the Lake Victoria basin considering CMIP3, CMIP5 and CORDEX simulations. <i>Stochastic Environmental Research and Risk Assessment</i> , 2019, 33, 687-707.	1.9	18
31	Investigation of flow-rainfall co-variation for catchments selected based on the two main sources of River Nile. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 623-641.	1.9	9
32	African crop production trends are insufficient to guarantee food security in the sub-Saharan region by 2050 owing to persistent poverty. <i>Food Security</i> , 2018, 10, 1203-1219.	2.4	23
33	Trends and variability in African long-term precipitation. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 2721-2739.	1.9	36
34	Temporal and spatial variability of extreme river flow quantiles in the Upper Vistula River basin, Poland. <i>Hydrological Processes</i> , 2017, 31, 1510-1526.	1.1	15
35	Decadal Analysis of River Flow Extremes Using Quantile-Based Approaches. <i>Water Resources Management</i> , 2017, 31, 3371-3387.	1.9	41
36	Space-time variability of extreme rainfall in the River Nile basin. <i>International Journal of Climatology</i> , 2017, 37, 4915-4924.	1.5	21

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37	Influence of spatial and temporal scales on statistical analyses of rainfall variability in the River Nile basin. <i>Dynamics of Atmospheres and Oceans</i> , 2017, 77, 26-42.	0.7	27
38	On Rigorous Drought Assessment Using Daily Time Scale: Non-Stationary Frequency Analyses, Revisited Concepts, and a New Method to Yield Non-Parametric Indices. <i>Hydrology</i> , 2017, 4, 48.	1.3	34
39	Geospatial Trends and Decadal Anomalies in Extreme Rainfall over Uganda, East Africa. <i>Advances in Meteorology</i> , 2016, 2016, 1-15.	0.6	25
40	Statistical Uncertainty in Hydrometeorological Trend Analyses. <i>Advances in Meteorology</i> , 2016, 2016, 1-26.	0.6	32
41	Influence of Hydrological Model Selection on Simulation of Moderate and Extreme Flow Events: A Case Study of the Blue Nile Basin. <i>Advances in Meteorology</i> , 2016, 2016, 1-28.	0.6	21
42	Statistical analyses of potential evapotranspiration changes over the period 1930â€“2012 in the Nile River riparian countries. <i>Agricultural and Forest Meteorology</i> , 2016, 226-227, 80-95.	1.9	54
43	Variability of seasonal and annual rainfall in the River Nile riparian countries and possible linkages to oceanâ€“atmosphere interactions. <i>Hydrology Research</i> , 2016, 47, 171-184.	1.1	24
44	Identification of sub-trends from hydro-meteorological series. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 189-205.	1.9	74
45	Comparison of different statistical downscaling methods for climate change rainfall projections over the Lake Victoria basin considering CMIP3 and CMIP5. <i>Journal of Hydro-Environment Research</i> , 2016, 12, 31-45.	1.0	76
46	Analyses of rainfall trends in the Nile River Basin. <i>Journal of Hydro-Environment Research</i> , 2016, 13, 36-51.	1.0	66
47	Spatial and temporal variability of rainfall in the Nile Basin. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 2227-2246.	1.9	48
48	Uncertainty in calibrating generalised Pareto distribution to rainfall extremes in Lake Victoria basin. <i>Hydrology Research</i> , 2015, 46, 356-376.	1.1	21
49	Empirical statistical characterization and regionalization of amplitudeâ€“durationâ€“frequency curves for extreme peak flows in the Lake Victoria Basin, East Africa. <i>Hydrological Sciences Journal</i> , 2015, 60, 997-1012.	1.2	15
50	Uncertainties in Flow-Duration-Frequency Relationships of High and Low Flow Extremes in Lake Victoria Basin. <i>Water (Switzerland)</i> , 2013, 5, 1561-1579.	1.2	16
51	STATISTICAL MODELLING OF FDC AND RETURN PERIODS TO CHARACTERISE QDF AND DESIGN THRESHOLD OF HYDROLOGICAL EXTREMES. <i>Journal of Urban and Environmental Engineering</i> , 2012, 6, 132-148.	0.3	10
52	Impacts of upstream water abstraction and climate variability on River Mpanga hydropower production in Uganda. <i>International Journal of Energy and Water Resources</i> , 0, , 1.	1.3	1
53	Trends and variability of temperature and evaporation over the African continent: Relationships with precipitation. , 0, , .		11