Cosmo Ngongondo

List of Publications by Year
in descending order

22 papers	555 citations	1040056 9 h-index	839539 18 g-index
22 all docs	22 docs citations	22 times ranked	618 citing authors

#	Article	IF	Citations
1	Evaluation of spatial and temporal characteristics of rainfall in Malawi: a case of data scarce region. Theoretical and Applied Climatology, 2011, 106, 79-93.	2.8	142
2	Integrating indigenous knowledge with conventional science: Enhancing localised climate and weather forecasts in Nessa, Mulanje, Malawi. Physics and Chemistry of the Earth, 2011, 36, 996-1003.	2.9	103
3	Assessing indigenous knowledge systems and climate change adaptation strategies in agriculture: A case study of Chagaka Village, Chikhwawa, Southern Malawi. Physics and Chemistry of the Earth, 2014, 67-69, 164-172.	2.9	96
4	Evaluation of the FAO Penmanâ€“Montheith, Priestleyâ€“Taylor and Hargreaves models for estimating reference evapotranspiration in southern Malawi. Hydrology Research, 2013, 44, 706-722.	2.7	38
5	Quality of Groundwater Resources in Chikhwawa, Lower Shire Valley, Malawi. Water Quality, Exposure, and Health, 2012, 4, 39-53.	1.5	26
6	Flood frequency under changing climate in the upper Kafue River basin, southern Africa: a large scale hydrological model application. Stochastic Environmental Research and Risk Assessment, 2013, 27, 1883-1898.	4.0	25
7	Observed and simulated changes in the water balance components over Malawi, during 1971â€“2000. Quaternary International, 2015, 369, 7-16.	1.5	25
8	Climate change in semi-arid Malawi: Perceptions, adaptation strategies and water governance. Jamba: Journal of Disaster Risk Studies, 2016, 8, 255.	0.9	24
9	Spatio-temporal analysis of rainfall variability and seasonality in Malawi. Regional Environmental Change, 2019, 19, 2041-2054.	2.9	21
10	Analysing changes in water availability to assess environmental water requirements in the Rivirivi River basin, Southern Malawi. Physics and Chemistry of the Earth, 2014, 67-69, 202-213.	2.9	10
11	Probabilistic interval estimation of design floods under non-stationary conditions by an integrated approach. Hydrology Research, 2022, 53, 259-278.	2.7	9
12	Linking rainfall and irrigation to clinically reported malaria cases in some villages in Chikhwawa District, Malawi. Physics and Chemistry of the Earth, 2011, 36, 887-894.	2.9	8
13	Maize Yield Estimation in Intercropped Smallholder Fields Using Satellite Data in Southern Malawi. Remote Sensing, 2022, 14, 2458.	4.0	8
14	Spatio-temporal analysis of droughts in the Lake Chilwa Basin, Malawi. Theoretical and Applied Climatology, 2021, 144, 1219-1231.	2.8	7
15	Multivariate framework for the assessment of key forcing to Lake Malawi level variations in non-stationary frequency analysis. Environmental Monitoring and Assessment, 2020, 192, 593.	2.7	5
16	Evaluation of integrated impacts of climate and land use change on the river flow regime in Wamkurumadzi River, Shire Basin in Malawi. Journal of Water and Climate Change, 2021, 12, 1674-1693.	2.9	4
17	Exploring Linkages Between Indigenous Knowledge Systems and Conventional Flood Forecasting in the Aftermath of Tropical Cyclone Idai in Chikwawa, Malawi. Sustainable Development Goals Series, 2021, , 207-226.	0.4	2
18	Evaluation of Different Tillage Systems for Improved Agricultural Production in Drought-Prone Areas of Malawi. Sustainable Development Goals Series, 2020, , 157-167.	0.4	1

#	Article	IF	Citations
19	Editorial: Hydrological extremes in a changing environment: modeling and attribution analysis. Hydrology Research, 2022, 53, iii-v.	2.7	1
20	A Comparative Study of the Impacts of Flooding on Food Security of Urban and Rural Households in Blantyre City and Chikwawa, Malawi. Sustainable Development Goals Series, 2021, , 35-58.	0.4	0
21	Strengthening Horticultural Innovation Systems for Adaptation to Effects of Urbanisation and Climate Variability in Peri-Urban Areas. Sustainable Development Goals Series, 2020, , 137-156.	0.4	0
22	Water policy and resilience of potable water infrastructure to climate risks in rural Malawi. Physics and Chemistry of the Earth, 2022, 127, 103155.	2.9	0