Getachew Tegegne

List of Publications by Citations

13 papers	207 citations	8 h-index	13 g-index
13 ext. papers	294 ext. citations	4.4 avg, IF	4.25 L-index

#	Paper	IF	Citations
13	Comparison of hydrological models for the assessment of water resources in a data-scarce region, the Upper Blue Nile River Basin. *Journal of Hydrology: Regional Studies*, **2017**, 14, 49-66	3.6	80
12	Modelling ungauged catchments using the catchment runoff response similarity. *Journal of Hydrology*, **2018**, 564, 452-466	6	32
11	Development of multi-model ensemble approach for enhanced assessment of impacts of climate change on climate extremes. *Science of the Total Environment*, **2020**, 704, 135357	10.2	22
10	Representing inflow uncertainty for the development of monthly reservoir operations using genetic algorithms. *Journal of Hydrology*, **2020**, 586, 124876	6	15
9	Hydrological modelling uncertainty analysis for different flow quantiles: a case study in two hydro-geographically different watersheds. *Hydrological Sciences Journal*, **2019**, 64, 473-489	3.5	14
8	Spatiotemporal Reliability Ensemble Averaging of Multimodel Simulations. *Geophysical Research Letters*, **2019**, 46, 12321-12330	4.9	12
7	Projected changes in extreme precipitation indices from CORDEX simulations over Ethiopia, East Africa. *Atmospheric Research*, **2021**, 247, 105156	5.4	12
6	Multimodel Ensemble Projection of Hydro-climatic Extremes for Climate Change Impact Assessment on Water Resources. *Water Resources Management*, **2020**, 34, 3019-3035	3.7	8
5	Flood Frequency Analyses over Different Basin Scales in the Blue Nile River Basin, Ethiopia. *Hydrology*, **2020**, 7, 44	2.8	5
4	Spatiotemporal Dynamics and Environmental Controlling Factors of the Lake Tana Water Hyacinth in Ethiopia. *Remote Sensing*, **2020**, 12, 2706	5	4
3	Strategies to enhance the reliability of flow quantile prediction in the gauged and ungauged basins. *River Research and Applications*, **2020**, 36, 724-734	2.3	2
2	Comparison of Trend Preserving Statistical Downscaling Algorithms Toward an Improved Precipitation Extremes Projection in the Headwaters of Blue Nile River in Ethiopia. *Environmental Processes*, **2021**, 8, 59-75	2.8	1
1	Assessment of run-of-river hydropower potential in the data-scarce region, Omo-Gibe Basin, Ethiopia. *International Journal of Energy and Water Resources*,1	2.2	