Jafet C M Andersson

List of Publications by Year
in descending order

17	1,023	840776 11	940533 16
papers	citations	h-index	g-index

35	35	35	1860
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impacts of climate change on European hydrology at 1.5, 2 and 3 degrees mean global warming above preindustrial level. Climatic Change, 2017, 143, 13-26.	3.6	193
2	Using flow signatures and catchment similarities to evaluate the E-HYPE multi-basin model across Europe. Hydrological Sciences Journal, 2016, 61, 255-273.	2.6	189
3	Projections of future floods and hydrological droughts in Europe under a +2Â°C global warming. Climatic Change, 2016, 135, 341-355.	3.6	183
4	Flood projections within the Niger River Basin under future land use and climate change. Science of the Total Environment, 2016, 562, 666-677.	8.0	90
5	Global catchment modelling using World-Wide HYPE (WWH), open data, and stepwise parameter estimation. Hydrology and Earth System Sciences, 2020, 24, 535-559.	4.9	75
6	Climate or Land Use?â€"Attribution of Changes in River Flooding in the Sahel Zone. Water (Switzerland), 2015, 7, 2796-2820.	2.7	54
7	Understanding consumption-related sucralose emissions â€" A conceptual approach combining substance-flow analysis with sampling analysis. Science of the Total Environment, 2010, 408, 3261-3269.	8.0	40
8	Potential impacts of water harvesting and ecological sanitation on crop yield, evaporation and river flow regimes in the Thukela River basin, South Africa. Agricultural Water Management, 2011, 98, 1113-1124.	5.6	33
9	Process refinements improve a hydrological model concept applied to the Niger River basin. Hydrological Processes, 2017, 31, 4540-4554.	2.6	33
10	Water availability, demand and reliability of in situ water harvesting in smallholder rain-fed agriculture in the Thukela River Basin, South Africa. Hydrology and Earth System Sciences, 2009, 13, 2329-2347.	4.9	28
11	Providing peak river flow statistics and forecasting in the Niger River basin. Physics and Chemistry of the Earth, 2017, 100, 3-12.	2.9	19
12	Improved SWAT Model Performance With Timeâ€Đynamic Voronoi Tessellation of Climatic Input Data in Southern Africa¹. Journal of the American Water Resources Association, 2012, 48, 480-493.	2.4	11
13	Improving Crop Yield and Water Productivity by Ecological Sanitation and Water Harvesting in South Africa. Environmental Science & Technology, 2013, 47, 4341-4348.	10.0	11
14	Downscaling Regional Hydrological Forecast for Operational Use in Local Early Warning: HYPE Models in the Sirba River. Water (Switzerland), 2020, 12, 3504.	2.7	11
15	Evaluation of parameter sensitivity of a rainfall-runoff model over a global catchment set. Hydrological Sciences Journal, 2022, 67, 342-357.	2.6	11
16	Optimal grid resolution for precipitation maps from commercial microwave link networks. Advances in Science and Research, 0, 17, 79-85.	1.0	8
17	The role of multi-criteria decision analysis in a transdisciplinary process: co-developing a flood forecasting system in western Africa. Hydrology and Earth System Sciences, 2022, 26, 2899-2922.	4.9	4