

Jafet C M Andersson

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,023
citations

840776

11
h-index

940533

16
g-index

35
all docs

35
docs citations

35
times ranked

1860
citing authors

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