Feyera Aga Hirpa

List of Publications by Year
in descending order

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41 papers	3,573 citations	218677 26 h-index	254184 43 g-index
47 all docs	47 docs citations	47 times ranked	4427 citing authors

#	Article	IF	Citations
1	Global projections of river flood risk in a warmer world. Earth's Future, 2017, 5, 171-182.	6.3	470
2	Increased human and economic losses from river flooding with anthropogenic warming. Nature Climate Change, 2018, 8, 781-786.	18.8	380
3	A high-resolution global flood hazard model. Water Resources Research, 2015, 51, 7358-7381.	4.2	353
4	Evaluation of High-Resolution Satellite Precipitation Products over Very Complex Terrain in Ethiopia. Journal of Applied Meteorology and Climatology, 2010, 49, 1044-1051.	1.5	251
5	Development and evaluation of a framework for global flood hazard mapping. Advances in Water Resources, 2016, 94, 87-102.	3.8	242
6	Ensemble flood risk assessment in Europe under high end climate scenarios. Global Environmental Change, 2015, 35, 199-212.	7.8	203
7	Advances in panâ€European flood hazard mapping. Hydrological Processes, 2014, 28, 4067-4077.	2.6	187
8	Evaluation of ensemble streamflow predictions in Europe. Journal of Hydrology, 2014, 517, 913-922.	5.4	124
9	Plastic in global rivers: are floods making it worse?. Environmental Research Letters, 2021, 16, 025003.	5.2	97
10	Multi-Model Projections of River Flood Risk in Europe under Global Warming. Climate, 2018, 6, 6.	2.8	94
11	Calibration of the Global Flood Awareness System (GloFAS) using daily streamflow data. Journal of Hydrology, 2018, 566, 595-606.	5.4	90
12	A global network for operational flood risk reduction. Environmental Science and Policy, 2018, 84, 149-158.	4.9	89
13	The impact of lake and reservoir parameterization on global streamflow simulation. Journal of Hydrology, 2017, 548, 552-568.	5.4	82
14	On the Use of Global Flood Forecasts and Satellite-Derived Inundation Maps for Flood Monitoring in Data-Sparse Regions. Remote Sensing, 2015, 7, 15702-15728.	4.0	77
15	Climate Change Impact on Water Resources in the Awash Basin, Ethiopia. Water (Switzerland), 2018, 10, 1560.	2.7	75
16	Upstream satellite remote sensing for river discharge forecasting: Application to major rivers in South Asia. Remote Sensing of Environment, 2013, 131, 140-151.	11.0	70
17	Accuracy of satellite rainfall estimates in the <scp>B</scp>lue <scp>N</scp>ile <scp>B</scp>asin: <scp>L</scp>owland plain versus highland mountain. Water Resources Research, 2014, 50, 8775-8790.	4.2	66
18	Modelling the socio-economic impact of river floods in Europe. Natural Hazards and Earth System Sciences, 2016, 16, 1401-1411.	3.6	64

#	Article	IF	Citations
19	A global streamflow reanalysis for 1980â€“2018. Journal of Hydrology X, 2020, 6, 100049.	1.6	61
20	A pan-African high-resolution drought index dataset. Earth System Science Data, 2020, 12, 753-769.	9.9	61
21	River flow fluctuation analysis: Effect of watershed area. Water Resources Research, 2010, 46, .	4.2	46
22	Attributing the 2017 Bangladesh floods from meteorological and hydrological perspectives. Hydrology and Earth System Sciences, 2019, 23, 1409-1429.	4.9	46
23	The â€˜dirty dozenâ€™ of freshwater science: detecting then reconciling hydrological data biases and errors. Wiley Interdisciplinary Reviews: Water, 2017, 4, e1209.	6.5	45
24	Emergency flood bulletins for Cyclones Idai and Kenneth: A critical evaluation of the use of global flood forecasts for international humanitarian preparedness and response. International Journal of Disaster Risk Reduction, 2020, 50, 101811.	3.9	39
25	The Effect of Reference Climatology on Global Flood Forecasting. Journal of Hydrometeorology, 2016, 17, 1131-1145.	1.9	36
26	Satellite-Based Evapotranspiration in Hydrological Model Calibration. Remote Sensing, 2020, 12, 428.	4.0	34
27	Streamflow response to climate change in the Greater Horn of Africa. Climatic Change, 2019, 156, 341-363.	3.6	24
28	A new dataset of river flood hazard maps for Europe and the Mediterranean Basin. Earth System Science Data, 2022, 14, 1549-1569.	9.9	21
29	Finding sustainable water futures in data-sparse regions under climate change: Insights from the Turkwel River basin, Kenya. Journal of Hydrology: Regional Studies, 2018, 19, 124-135.	2.4	18
30	The number of people exposed to water stress in relation to how much water is reserved for the environment: a global modelling study. Lancet Planetary Health, The, 2021, 5, e766-e774.	11.4	17
31	Impacts of Climate Change and Population Growth on River Nutrient Loads in a Data Scarce Region: The Upper Awash River (Ethiopia). Sustainability, 2021, 13, 1254.	3.2	16
32	Toward Global Stochastic River Flood Modeling. Water Resources Research, 2020, 56, e2020WR027692.	4.2	15
33	National water shortage for low to high environmental flow protection. Scientific Reports, 2022, 12, 3037.	3.3	15
34	Range-dependent thresholds for global flood early warning. Journal of Hydrology X, 2019, 4, 100034.	1.6	14
35	Global Modeling of Seasonal Mortality Rates From River Floods. Earth's Future, 2020, 8, e2020EF001541.	6.3	14
36	Independence of Future Changes of River Runoff in Europe from the Pathway to Global Warming. Climate, 2020, 8, 22.	2.8	12

#	Article	IF	Citations
37	Assessing futureÂvulnerability andÂrisk of humanitarian crisesÂusing climate change and population projections within the INFORM framework. Global Environmental Change, 2021, 71, 102393.	7.8	7
38	On the localâ€scale spatial variability of daily summer rainfall in the humid and complex terrain of the Blue Nile: observational evidence. Hydrological Processes, 2009, 23, 3670-3674.	2.6	6
39	On the Local-Scale Spatial Variability of Daily Rainfall in the Highlands of the Blue Nile: Observational Evidence. , 2009, , .		1
40	Saving Lives: Ensemble-Based Early Warnings in Developing Nations. , 2019, , 1109-1130.		1
41	Saving Lives: Ensemble-Based Early Warnings in Developing Nations. , 2015, , 1-22.		0