

Ida K Westerberg

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,292
citations

331670

21
h-index

526287

27
g-index

34
all docs

34
docs citations

34
times ranked

2640
citing authors

#	ARTICLE	IF	CITATIONS
1	Twenty-three unsolved problems in hydrology (UPH) – a community perspective. <i>Hydrological Sciences Journal</i> , 2019, 64, 1141-1158.	2.6	474
2	Calibration of hydrological models using flow-duration curves. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 2205-2227.	4.9	203
3	On red herrings and real herrings: disinformation and information in hydrological inference. <i>Hydrological Processes</i> , 2011, 25, 1676-1680.	2.6	176
4	A novel framework for discharge uncertainty quantification applied to 500 UK gauging stations. <i>Water Resources Research</i> , 2015, 51, 5531-5546.	4.2	159
5	Stage–discharge uncertainty derived with a non-stationary rating curve in the Choluteca River, Honduras. <i>Hydrological Processes</i> , 2011, 25, 603-613.	2.6	129
6	Uncertainty in hydrological signatures. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 3951-3968.	4.9	127
7	A Comparison of Methods for Streamflow Uncertainty Estimation. <i>Water Resources Research</i> , 2018, 54, 7149-7176.	4.2	108
8	Uncertainty in hydrological signatures for gauged and ungauged catchments. <i>Water Resources Research</i> , 2016, 52, 1847-1865.	4.2	104
9	Hydrological data uncertainty and its implications. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018, 5, e1319.	6.5	89
10	Disinformative data in large-scale hydrological modelling. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 2845-2857.	4.9	83
11	Rating curve estimation under epistemic uncertainty. <i>Hydrological Processes</i> , 2015, 29, 1873-1882.	2.6	69
12	Five guidelines for selecting hydrological signatures. <i>Hydrological Processes</i> , 2017, 31, 4757-4761.	2.6	68
13	Adaptation of water resources systems to changing society and environment: a statement by the International Association of Hydrological Sciences. <i>Hydrological Sciences Journal</i> , 2016, 61, 2803-2817.	2.6	57
14	Comment on “Pursuing the method of multiple working hypotheses for hydrological modeling” by P. Clark et al.. <i>Water Resources Research</i> , 2012, 48, .	4.2	53
15	Smiling in the rain: Seven reasons to be positive about uncertainty in hydrological modelling. <i>Hydrological Processes</i> , 2013, 27, 1117-1122.	2.6	46
16	Estimating areal rainfall over Lake Victoria and its basin using ground-based and satellite data. <i>Journal of Hydrology</i> , 2012, 464-465, 401-411.	5.4	45
17	Temporal variability in stage–discharge relationships. <i>Journal of Hydrology</i> , 2012, 446-447, 90-102.	5.4	45
18	Regional water balance modelling using flow-duration curves with observational uncertainties. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 2993-3013.	4.9	42

#	ARTICLE	IF	CITATIONS
19	Perceptual models of uncertainty for socio-hydrological systems: a flood risk change example. <i>Hydrological Sciences Journal</i> , 2017, 62, 1705-1713.	2.6	40
20	Precipitation data in a mountainous catchment in Honduras: quality assessment and spatiotemporal characteristics. <i>Theoretical and Applied Climatology</i> , 2010, 101, 381-396.	2.8	38
21	The role of rating curve uncertainty in real-time flood forecasting. <i>Water Resources Research</i> , 2017, 53, 4197-4213.	4.2	36
22	Hydrological model calibration with uncertain discharge data. <i>Hydrological Sciences Journal</i> , 2022, 67, 2441-2456.	2.6	26
23	Exploring the hydrological robustness of model-parameter values with alpha shapes. <i>Water Resources Research</i> , 2013, 49, 6700-6715.	4.2	20
24	Observational uncertainties in hypothesis testing: investigating the hydrological functioning of a tropical catchment. <i>Hydrological Processes</i> , 2015, 29, 4863-4879.	2.6	18
25	Can climate variability information constrain a hydrological model for an ungauged Costa Rican catchment?. <i>Hydrological Processes</i> , 2018, 32, 830-846.	2.6	11
26	Rapid Stage-Discharge Rating Curve Assessment Using Hydraulic Modeling in an Uncertainty Framework. <i>Water Resources Research</i> , 2019, 55, 9765-9787.	4.2	11
27	Impacts of observational uncertainty on analysis and modelling of hydrological processes: Preface. <i>Hydrological Processes</i> , 2022, 36, .	2.6	5
28	Reply to Discussion of "Perceptual models of uncertainty for socio-hydrological systems: a flood risk change example". <i>Hydrological Sciences Journal</i> , 2018, 63, 2001-2003.	2.6	0
29	Estimating uncertainties in hydraulically modelled rating curves for discharge time series assessment. <i>E3S Web of Conferences</i> , 2018, 40, 06013.	0.5	0