Ida K Westerberg

List of Publications by Year
in descending order

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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	Hydrological model calibration with uncertain discharge data. Hydrological Sciences Journal, 2022, 67, 2441-2456.	2.6	26
2	Impacts of observational uncertainty on analysis and modelling of hydrological processes: Preface. Hydrological Processes, 2022, 36, .	2.6	5
3	Twenty-three unsolved problems in hydrology (UPH) â€“ a community perspective. Hydrological Sciences Journal, 2019, 64, 1141-1158.	2.6	474
4	Rapid Stageâ€Discharge Rating Curve Assessment Using Hydraulic Modeling in an Uncertainty Framework. Water Resources Research, 2019, 55, 9765-9787.	4.2	11
5	Can climate variability information constrain a hydrological model for an ungauged Costa Rican catchment?. Hydrological Processes, 2018, 32, 830-846.	2.6	11
6	Reply to Discussion of â€œPerceptual models of uncertainty for socio-hydrological systems: a flood risk change exampleâ€. Hydrological Sciences Journal, 2018, 63, 2001-2003.	2.6	0
7	Estimating uncertainties in hydraulicallymodelled rating curves for discharge time series assessment. E3S Web of Conferences, 2018, 40, 06013.	0.5	0
8	Hydrological data uncertainty and its implications. Wiley Interdisciplinary Reviews: Water, 2018, 5, e1319.	6.5	89
9	A Comparison of Methods for Streamflow Uncertainty Estimation. Water Resources Research, 2018, 54, 7149-7176.	4.2	108
10	The role of rating curve uncertainty in realâ€time flood forecasting. Water Resources Research, 2017, 53, 4197-4213.	4.2	36
11	Perceptual models of uncertainty for socio-hydrological systems: a flood risk change example. Hydrological Sciences Journal, 2017, 62, 1705-1713.	2.6	40
12	Five guidelines for selecting hydrological signatures. Hydrological Processes, 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. Hydrological Sciences Journal, 2016, 61, 2803-2817.	2.6	57
14	Uncertainty in hydrological signatures for gauged and ungauged catchments. Water Resources Research, 2016, 52, 1847-1865.	4.2	104
15	A novel framework for discharge uncertainty quantification applied to 500 <scp>UK</scp> gauging stations. Water Resources Research, 2015, 51, 5531-5546.	4.2	159
16	Rating curve estimation under epistemic uncertainty. Hydrological Processes, 2015, 29, 1873-1882.	2.6	69
17	Observational uncertainties in hypothesis testing: investigating the hydrological functioning of a tropical catchment. Hydrological Processes, 2015, 29, 4863-4879.	2.6	18
18	Uncertainty in hydrological signatures. Hydrology and Earth System Sciences, 2015, 19, 3951-3968.	4.9	127

#	Article	IF	Citations
19	Regional water balance modelling using flow-duration curves with observational uncertainties. Hydrology and Earth System Sciences, 2014, 18, 2993-3013.	4.9	42
20	Exploring the hydrological robustness of model-parameter values with alpha shapes. Water Resources Research, 2013, 49, 6700-6715.	4.2	20
21	Smiling in the rain: Seven reasons to be positive about uncertainty in hydrological modelling. Hydrological Processes, 2013, 27, 1117-1122.	2.6	46
22	Disinformative data in large-scale hydrological modelling. Hydrology and Earth System Sciences, 2013, 17, 2845-2857.	4.9	83
23	Comment on â€œPursuing the method of multiple working hypotheses for hydrological modelingâ€• by P. Clark et al.. Water Resources Research, 2012, 48, .	4.2	53
24	Estimating areal rainfall over Lake Victoria and its basin using ground-based and satellite data. Journal of Hydrology, 2012, 464-465, 401-411.	5.4	45
25	Temporal variability in stageâ€“discharge relationships. Journal of Hydrology, 2012, 446-447, 90-102.	5.4	45
26	Calibration of hydrological models using flow-duration curves. Hydrology and Earth System Sciences, 2011, 15, 2205-2227.	4.9	203
27	Stageâ€discharge uncertainty derived with a nonâ€stationary rating curve in the Choluteca River, Honduras. Hydrological Processes, 2011, 25, 603-613.	2.6	129
28	On red herrings and real herrings: disinformation and information in hydrological inference. Hydrological Processes, 2011, 25, 1676-1680.	2.6	176
29	Precipitation data in a mountainous catchment in Honduras: quality assessment and spatiotemporal characteristics. Theoretical and Applied Climatology, 2010, 101, 381-396.	2.8	38