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List of Publications by Year
in descending order

26 papers	1,824 citations	489802 18 h-index	620720 26 g-index
52 all docs	52 docs citations	52 times ranked	2132 citing authors

#	Article	IF	Citations
1	A multi€objective approach to select hydrological models and constrain structural uncertainties for climate impact assessments. Hydrological Processes, 2022, 36, .	1.1	7
2	Winter melt trends portend widespread declines in snow water resources. Nature Climate Change, 2021, 11, 418-424.	8.1	110
3	CAMELS-AUS: hydrometeorological time series and landscape attributes for 222 catchments in Australia. Earth System Science Data, 2021, 13, 3847-3867.	3.7	33
4	Model cascade from meteorological drivers to river flood hazard: flood-cascade v1.0. Geoscientific Model Development, 2021, 14, 4865-4890.	1.3	4
5	How is Baseflow Index Â(BFI) impacted by water resource management practices?. Hydrology and Earth System Sciences, 2021, 25, 5355-5379.	1.9	11
6	Numerical daemons of hydrological models are summoned by extreme precipitation. Hydrology and Earth System Sciences, 2021, 25, 5425-5446.	1.9	8
7	Identifying sensitivities in flood frequency analyses using a stochastic hydrologic modeling system. Hydrology and Earth System Sciences, 2021, 25, 5603-5621.	1.9	8
8	Large-sample hydrology: recent progress, guidelines for new datasets and grand challenges. Hydrological Sciences Journal, 2020, 65, 712-725.	1.2	62
9	Exploring Hydrologic Model Process Connectivity at the Continental Scale Through an Information Theory Approach. Water Resources Research, 2020, 56, e2020WR027340.	1.7	13
10	CAMELS-BR: hydrometeorological time series and landscape attributes for 897 catchments in Brazil. Earth System Science Data, 2020, 12, 2075-2096.	3.7	55
11	CAMELS-GB: hydrometeorological time series and landscape attributes for 671 catchments in Great Britain. Earth System Science Data, 2020, 12, 2459-2483.	3.7	87
12	Risks and opportunities for aÂSwiss hydroelectricity company in aÂchanging climate. Hydrology and Earth System Sciences, 2020, 24, 3815-3833.	1.9	8
13	Legacy, Rather Than Adequacy, Drives the Selection of Hydrological Models. Water Resources Research, 2019, 55, 378-390.	1.7	111
14	The CAMELS-CL dataset: catchment attributes and meteorology for large sample studies â€" Chile dataset. Hydrology and Earth System Sciences, 2018, 22, 5817-5846.	1.9	188
15	DOs and DON'Ts for using climate change information for water resource planning and management: guidelines for study design. Climate Services, 2018, 12, 1-13.	1.0	21
16	A Ranking of Hydrological Signatures Based on Their Predictability in Space. Water Resources Research, 2018, 54, 8792-8812.	1.7	144
17	Mapping (dis)agreement in hydrologic projections. Hydrology and Earth System Sciences, 2018, 22, 1775-1791.	1.9	59
18	Hydrological Modeling to Evaluate Climate Model Simulations and Their Bias Correction. Journal of Hydrometeorology, 2018, 19, 1321-1337.	0.7	35

#	Article	IF	Citations
19	Climate change impacts on future snow, ice and rain runoff in a Swiss mountain catchment using multi-dataset calibration. Journal of Hydrology: Regional Studies, 2017, 13, 222-239.	1.0	40
20	The CAMELS data set: catchment attributes and meteorology for large-sample studies. Hydrology and Earth System Sciences, 2017, 21, 5293-5313.	1.9	316
21	Propagation of biases in climate models from the synoptic to the regional scale: Implications for bias adjustment. Journal of Geophysical Research D: Atmospheres, 2016, 121, 2075-2089.	1.2	44
22	The influence of natural variability and interpolation errors on bias characterization in RCM simulations. Journal of Geophysical Research D: Atmospheres, 2015, 120, 10,180.	1.2	33
23	From products to processes: Academic events to foster interdisciplinary and iterative dialogue in a changing climate. Earth's Future, 2015, 3, 289-297.	2.4	10
24	Bias correction for hydrological impact studies â€" beyond the daily perspective. Hydrological Processes, 2014, 28, 4823-4828.	1.1	46
25	Robust changes and sources of uncertainty in the projected hydrological regimes of Swiss catchments. Water Resources Research, 2014, 50, 7541-7562.	1.7	182
26	An operational hydrological ensemble prediction system for the city of Zurich (Switzerland): skill, case studies and scenarios. Hydrology and Earth System Sciences, 2011, 15, 2327-2347.	1.9	107