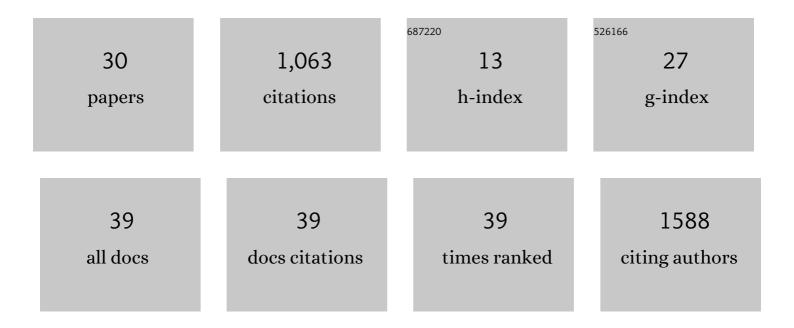
## Yunqing Xuan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8491451/publications.pdf Version: 2024-02-01



YUNOING XUAN

#	Article	IF	CITATIONS
1	Global sensitivity analysis in hydrological modeling: Review of concepts, methods, theoretical framework, and applications. Journal of Hydrology, 2015, 523, 739-757.	2.3	386
2	Rapid urbanization and changes in spatiotemporal characteristics of precipitation in Beijing metropolitan area. Journal of Geophysical Research D: Atmospheres, 2014, 119, 11,250.	1.2	104
3	Future hydrology and climate in the River Nile basin: a review. Hydrological Sciences Journal, 2011, 56, 199-211.	1.2	98
4	Uncertainty analysis of hydrological ensemble forecasts in a distributed model utilising short-range rainfall prediction. Hydrology and Earth System Sciences, 2009, 13, 293-303.	1.9	65
5	Grid box-level evaluation of IMERG over Brazil at various space and time scales. Atmospheric Research, 2019, 218, 231-244.	1.8	59
6	The performance of the IMERG satellite-based product in identifying sub-daily rainfall events and their properties. Journal of Hydrology, 2020, 589, 125128.	2.3	50
7	Simulating the Impact of Climate Change on Runoff in a Typical River Catchment of the Loess Plateau, China. Journal of Hydrometeorology, 2013, 14, 1553-1561.	0.7	40
8	Spatio-temporal assessment of meteorological drought under the influence of varying record length: the case of Upper Blue Nile Basin, Ethiopia. Hydrological Sciences Journal, 0, , 1-16.	1.2	39
9	An effective depression filling algorithm for DEM-based 2-D surface flow modelling. Hydrology and Earth System Sciences, 2013, 17, 495-505.	1.9	25
10	Hydrological appraisal of operational weather radar rainfall estimates in the context of different modelling structures. Hydrology and Earth System Sciences, 2014, 18, 257-272.	1.9	19
11	An improved rainfall-threshold approach for robust prediction and warning of flood and flash flood hazards. Natural Hazards, 2021, 105, 2409-2429.	1.6	17
12	What Large Sample Size Is Sufficient for Hydrologic Frequency Analysis?—A Rational Argument for a 30-Year Hydrologic Sample Size in Water Resources Management. Water (Switzerland), 2018, 10, 430.	1.2	16
13	Improving River Flow Simulation Using a Coupled Surface-Groundwater Model for Integrated Water Resources Management. , 0, , .		15
14	Regional-scale evaluation of 14 satellite-based precipitation products in characterising extreme events and delineating rainfall thresholds for flood hazards. Atmospheric Research, 2022, 276, 106259.	1.8	15
15	Rainfall uncertainty for extreme events in NWP downscaling model. Hydrological Processes, 2011, 25, 1397-1406.	1.1	14
16	Quantile Regression Based Methods for Investigating Rainfall Trends Associated with Flooding and Drought Conditions. Water Resources Management, 2019, 33, 4249-4264.	1.9	14
17	Impacts of urbanization on precipitation patterns in the greater Beijing–Tianjin–Hebei metropolitan region in northern China. Environmental Research Letters, 2021, 16, 014042.	2.2	13
18	Development of a New Quantile-Based Method for the Assessment of Regional Water Resources in a Highly-Regulated River Basin. Water Resources Management, 2019, 33, 3187-3210.	1.9	11

YUNQING XUAN

#	Article	IF	CITATIONS
19	Impact of Precipitation Pre-Processing Methods on Hydrological Model Performance using High-Resolution Gridded Dataset. Water (Switzerland), 2020, 12, 840.	1.2	10
20	Modelling Fertilizer Use in Relation to Farmers' Household Characteristics in Three Gorges Reservoir Area, China. Agriculture (Switzerland), 2021, 11, 472.	1.4	10
21	A Flood Risk Framework Capturing the Seasonality of and Dependence Between Rainfall and Sea Levels—An Application to Ho Chi Minh City, Vietnam. Water Resources Research, 2022, 58, .	1.7	9
22	Precipitation forecasts for rainfall runoff predictions. A case study in poorly gauged Ribb and Gumara catchments, upper Blue Nile, Ethiopia. Physics and Chemistry of the Earth, 2013, 61-62, 43-51.	1.2	8
23	Analysis and simulation of the influencing factors on regional water use based on information entropy. Water Policy, 2012, 14, 1033-1046.	0.7	6
24	SRS-GDA: A spatial random sampling toolbox for grid-based hydro-climatic data analysis in environmental change studies. Environmental Modelling and Software, 2020, 124, 104598.	1.9	5
25	Spatial Variation of Extreme Rainfall Observed From Two Century‣ong Datasets. Geophysical Research Letters, 2021, 48, e2020GL091933.	1.5	4
26	Spatial variation of catchment-oriented extreme rainfall in England and Wales. Atmospheric Research, 2022, 266, 105968.	1.8	4
27	Coupled hydro-meteorological modelling on a HPC platform for high-resolution extreme weather impact study. Hydrology and Earth System Sciences, 2016, 20, 4707-4715.	1.9	2
28	A satellite-based approach to estimating spatially distributed groundwater recharge rates in a tropical wet sedimentary region despite cloudy conditions. Journal of Hydrology, 2022, 607, 127503.	2.3	2
29	Uncertainty Propagation in Ensemble Rainfall Prediction Systems used for Operational Real-Time Flood Forecasting. Water Science and Technology Library, 2009, , 437-447.	0.2	1
30	Parameter Selection for Phase Space Reconstruction in Hydrological Series and Rationality Analysis of its Chaotic Characteristics. , 0, , .		1