Peng Shi

List of Publications by Citations

24 papers	458 citations	10 h-index	21 g-index
24 ext. papers	571 ext. citations	3.1 avg, IF	3.51 L-index

#	Paper	IF	Citations
24	Evaluating the SWAT Model for Hydrological Modeling in the Xixian Watershed and a Comparison with the XAJ Model. *Water Resources Management*, **2011**, 25, 2595-2612	3.7	76
23	Land-use changes and check dams reducing runoff and sediment yield on the Loess Plateau of China. *Science of the Total Environment*, **2019**, 664, 984-994	10.2	76
22	Effects of Land-Use and Climate Change on Hydrological Processes in the Upstream of Huai River, China. *Water Resources Management*, **2013**, 27, 1263-1278	3.7	74
21	Spatial Distribution and Temporal Trends in Precipitation Concentration Indices for the Southwest China. *Water Resources Management*, **2015**, 29, 3941-3955	3.7	57
20	Quantifying time lag of epikarst-spring hydrograph response to rainfall using correlation and spectral analyses. *Hydrogeology Journal*, **2013**, 21, 1619-1631	3.1	28
19	Evolution of hydrological drought under the regulation of two reservoirs in the headwater basin of the Huaihe River, China. *Stochastic Environmental Research and Risk Assessment*, **2015**, 29, 487-499	3.5	28
18	Application of a SWAT Model for Hydrological Modeling in the Xixian Watershed, China. *Journal of Hydrologic Engineering - ASCE*, **2013**, 18, 1522-1529	1.8	23
17	Joint probability of precipitation and reservoir storage for drought estimation in the headwater basin of the Huaihe River, China. *Stochastic Environmental Research and Risk Assessment*, **2016**, 30, 1641-1657	3.5	16
16	Hydrologic Response to Land Use and Land Cover Changes within the Context of Catchment-Scale Spatial Information. *Journal of Hydrologic Engineering - ASCE*, **2013**, 18, 1539-1548	1.8	14
15	Analysis of Variation Trends in Precipitation in an Upstream Catchment of Huai River. *Mathematical Problems in Engineering*, **2013**, 2013, 1-11	1.1	13
14	Isotopic Characteristics of Precipitation and Origin of Moisture Sources in Hemuqiao Catchment, a Small Watershed in the Lower Reach of Yangtze River. *Water (Switzerland)*, **2018**, 10, 1170	3	10
13	Temporal O and deuterium variations in hydrologic components of a small watershed during a typhoon event. *Isotopes in Environmental and Health Studies*, **2017**, 53, 172-183	1.5	8
12	Testing a Conceptual Lumped Model in Karst Area, Southwest China. *Journal of Applied Mathematics*, **2013**, 2013, 1-10	1.1	8
11	Nonstationary flood coincidence risk analysis using time-varying copula functions. *Scientific Reports*, **2020**, 10, 3395	4.9	7
10	Integrating XAJ Model with GIUH Based on Nash Model for Rainfall-Runoff Modelling. *Water (Switzerland)*, **2019**, 11, 772	3	4
9	Evaluating the impact of spatial variability of precipitation on streamflow simulation using a SWAT model. *Water Policy*, **2019**, 21, 178-196	1.6	4
8	Temporal change of spatial heterogeneity and its effect on regional trend of annual precipitation heterogeneity indices. *Hydrological Processes*, **2017**, 31, 3178-3190	3.3	2

List of Publications

7	Evaluating Runoff Generation in a Humid Bamboo Watershed Using Isotopic and Hydrochemical Tracer. *Journal of Hydrologic Engineering - ASCE*, **2019**, 24, 05019003	1.8	2
6	Impact Assessments of Rainfall–Runoff Characteristics Response Based on Land Use Change via Hydrological Simulation. *Water (Switzerland)*, **2019**, 11, 866	3	2
5	Simulation of overland flow considering the influence of topographic depressions. *Scientific Reports* , **2020**, 10, 6128	4.9	2
4	New method to calculate the dynamic factor-flow velocity in Geomorphologic instantaneous unit hydrograph. *Scientific Reports*, **2019**, 9, 14201	4.9	2
3	Study of canopy transpiration based on a distributed hydrology model in a small karst watershed of southwest China. *Carbonates and Evaporites*, **2013**, 28, 111-117	1.3	2
2	Stable isotope tracers as diagnostic tools in studying water sources in a humid bamboo watershed during the plum rainfall events. *Water Policy*, **2019**, 21, 368-381	1.6	
1	Applicability of Difference in Oxygen-18 and Deuterium of Water Sources and Isotopic Hydrograph Separation in a Bamboo Catchment during Different Rainfall Types. *Water (Switzerland)*, **2021**, 13, 3531	3	