

Peng Shi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Applicability of Difference in Oxygen-18 and Deuterium of Water Sources and Isotopic Hydrograph Separation in a Bamboo Catchment during Different Rainfall Types. <i>Water (Switzerland)</i> , 2021 , 13, 3531	3	3
23	Nonstationary flood coincidence risk analysis using time-varying copula functions. <i>Scientific Reports</i> , 2020 , 10, 3395	4.9	7
22	Simulation of overland flow considering the influence of topographic depressions. <i>Scientific Reports</i> , 2020 , 10, 6128	4.9	2
21	Evaluating Runoff Generation in a Humid Bamboo Watershed Using Isotopic and Hydrochemical Tracer. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019 , 24, 05019003	1.8	2
20	Impact Assessments of Rainfall-Runoff Characteristics Response Based on Land Use Change via Hydrological Simulation. <i>Water (Switzerland)</i> , 2019 , 11, 866	3	2
19	Integrating XAJ Model with GIUH Based on Nash Model for Rainfall-Runoff Modelling. <i>Water (Switzerland)</i> , 2019 , 11, 772	3	4
18	Stable isotope tracers as diagnostic tools in studying water sources in a humid bamboo watershed during the plum rainfall events. <i>Water Policy</i> , 2019 , 21, 368-381	1.6	
17	New method to calculate the dynamic factor-flow velocity in Geomorphologic instantaneous unit hydrograph. <i>Scientific Reports</i> , 2019 , 9, 14201	4.9	2
16	Land-use changes and check dams reducing runoff and sediment yield on the Loess Plateau of China. <i>Science of the Total Environment</i> , 2019 , 664, 984-994	10.2	76
15	Evaluating the impact of spatial variability of precipitation on streamflow simulation using a SWAT model. <i>Water Policy</i> , 2019 , 21, 178-196	1.6	4
14	Isotopic Characteristics of Precipitation and Origin of Moisture Sources in Hemuqiao Catchment, a Small Watershed in the Lower Reach of Yangtze River. <i>Water (Switzerland)</i> , 2018 , 10, 1170	3	10
13	Temporal change of spatial heterogeneity and its effect on regional trend of annual precipitation heterogeneity indices. <i>Hydrological Processes</i> , 2017 , 31, 3178-3190	3.3	2
12	Temporal O and deuterium variations in hydrologic components of a small watershed during a typhoon event. <i>Isotopes in Environmental and Health Studies</i> , 2017 , 53, 172-183	1.5	8
11	Joint probability of precipitation and reservoir storage for drought estimation in the headwater basin of the Huaihe River, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016 , 30, 1641-1657	3.5	16
10	Spatial Distribution and Temporal Trends in Precipitation Concentration Indices for the Southwest China. <i>Water Resources Management</i> , 2015 , 29, 3941-3955	3.7	57
9	Evolution of hydrological drought under the regulation of two reservoirs in the headwater basin of the Huaihe River, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015 , 29, 487-499	3.5	28
8	Study of canopy transpiration based on a distributed hydrology model in a small karst watershed of southwest China. <i>Carbonates and Evaporites</i> , 2013 , 28, 111-117	1.3	2

7	Application of a SWAT Model for Hydrological Modeling in the Xixian Watershed, China. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013 , 18, 1522-1529	1.8	23
6	Quantifying time lag of epikarst-spring hydrograph response to rainfall using correlation and spectral analyses. <i>Hydrogeology Journal</i> , 2013 , 21, 1619-1631	3.1	28
5	Effects of Land-Use and Climate Change on Hydrological Processes in the Upstream of Huai River, China. <i>Water Resources Management</i> , 2013 , 27, 1263-1278	3.7	74
4	Analysis of Variation Trends in Precipitation in an Upstream Catchment of Huai River. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-11	1.1	13
3	Testing a Conceptual Lumped Model in Karst Area, Southwest China. <i>Journal of Applied Mathematics</i> , 2013 , 2013, 1-10	1.1	8
2	Hydrologic Response to Land Use and Land Cover Changes within the Context of Catchment-Scale Spatial Information. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013 , 18, 1539-1548	1.8	14
1	Evaluating the SWAT Model for Hydrological Modeling in the Xixian Watershed and a Comparison with the XAJ Model. <i>Water Resources Management</i> , 2011 , 25, 2595-2612	3.7	76