

Zongzhi Wang

List of Publications by Citations

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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.

31
papers

284
citations

9
h-index

15
g-index

37
ext. papers

363
ext. citations

3.6
avg, IF

3.56
L-index

#	Paper	IF	Citations
31	Optimized cascade reservoir operation considering ice flood control and power generation. <i>Journal of Hydrology</i> , 2014 , 519, 1042-1051	6	44
30	Topography-based spatial patterns of precipitation extremes in the Poyang Lake basin, China: Changing properties and causes. <i>Journal of Hydrology</i> , 2014 , 512, 229-239	6	36
29	Spatiotemporal variations of pan evaporation in China during 1960-2005: changing patterns and causes. <i>International Journal of Climatology</i> , 2015 , 35, 903-912	3.5	34
28	Spatial and temporal characteristics of reference evapotranspiration and its climatic driving factors over China from 1979-2015. <i>Agricultural Water Management</i> , 2019 , 213, 1096-1108	5.9	25
27	Virtual water flow pattern of grain trade and its benefits in China. <i>Journal of Cleaner Production</i> , 2019 , 223, 445-455	10.3	24
26	Flood control operation coupled with risk assessment for cascade reservoirs. <i>Journal of Hydrology</i> , 2019 , 572, 543-555	6	16
25	Regional flood risk assessment via coupled fuzzy c-means clustering methods: an empirical analysis from China's Huaihe River Basin. <i>Natural Hazards</i> , 2018 , 93, 803-822	3	11
24	Optimization of virtual water flow via grain trade within China. <i>Ecological Indicators</i> , 2019 , 97, 25-34	5.8	10
23	Total control-based unified allocation model for allowable basin water withdrawal and sewage discharge. <i>Science China Technological Sciences</i> , 2010 , 53, 1387-1397	3.5	9
22	Evaluating Ensemble Kalman, Particle, and Ensemble Particle Filters through Soil Temperature Prediction. <i>Journal of Hydrologic Engineering - ASCE</i> , 2014 , 19, 04014027	1.8	8
21	Impacts of the eastern route of the South-to-North Water Diversion Project emergency operation on flooding and drainage in water-receiving areas: an empirical case in China. <i>Natural Hazards and Earth System Sciences</i> , 2019 , 19, 555-570	3.9	7
20	Hydrological characteristic-based methodology for dividing flood seasons: an empirical analysis from China. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	7
19	Encounter probability analysis of typhoon and plum rain in the Taihu Lake Basin. <i>Science China Technological Sciences</i> , 2010 , 53, 3331-3340	3.5	7
18	Optimizing Operating Rules for a Reservoir System in Northern China Considering Ecological Flow Requirements and Water Use Priorities. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020 , 146, 04020051	2.8	6
17	Optimizing flood diversion siting and its control strategy of detention basins: A case study of the Yangtze River, China. <i>Journal of Hydrology</i> , 2021 , 597, 126201	6	6
16	Flood Season Division with an Improved Fuzzy C-mean Clustering Method in the Taihu Lake Basin in China. <i>Procedia Engineering</i> , 2012 , 28, 66-74		5
15	Spatial Heterogeneity of the Impact Factors on Gray Water Footprint Intensity in China. <i>Sustainability</i> , 2020 , 12, 865	3.6	4

14	Interactions between Lake-Level Fluctuations and Waterlogging Disasters around a Large-Scale Shallow Lake: An Empirical Analysis from China. <i>Water (Switzerland)</i> , 2019 , 11, 318	3	4
13	Uncertainty analysis of designed flood on Bayesian MCMC algorithm: a case study of the Panjiakou Reservoir in China. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	4
12	Assessment approach to the floodwater utilization potential of a basin and an empirical analysis from China. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	4
11	Optimal operation of interbasin water transfer multireservoir systems: an empirical analysis from China. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	3
10	Flood routing model incorporating intensive streambed infiltration. <i>Science China Earth Sciences</i> , 2015 , 58, 718-726	4.6	3
9	Assessing driving factors of regional water use in production sectors using a structural decomposition method: a case study in Jiangsu Province, China. <i>Water Policy</i> , 2016 , 18, 262-275	1.6	2
8	Instability Analysis of a Low-Angle Low-Expansive Soil Slope under Seasonal Wet-Dry Cycles and River-Level Variations. <i>Advances in Civil Engineering</i> , 2020 , 2020, 1-12	1.3	1
7	Basin-Wide Initial Water Rights Allocation Model Considering Both the Quantity and Quality of Water. <i>Environmental Modeling and Assessment</i> , 2020 , 25, 581-589	2	1
6	Evaluating Depressional Process of Macropore Flow and Its Impact on Solute Transport. <i>Journal of Hydrologic Engineering - ASCE</i> , 2014 , 19, 04014005	1.8	1
5	Prediction on Ecological Water Demand Based on Support Vector Machine 2008 ,		1
4	Test and Analysis of Sludge Dewatering with a Vacuum Negative Pressure Load at the Bottom of Full Section. <i>Advances in Civil Engineering</i> , 2020 , 2020, 1-12	1.3	1
3	Assessing the floodwater utilization potential in a reservoir-controlled watershed: A novel method considering engineering regulations and an empirical case from China. <i>Ecological Informatics</i> , 2022 , 68, 101581	4.2	0
2	Summary Editorial: T.I. Climate effects on water resources. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	
1	Analyzing the Spatial Correlation Between Regional Economic Level and Water-Use Efficiency in Jiangsu Province. <i>Communications in Computer and Information Science</i> , 2016 , 525-533	0.3	