Zongzhi Wang

List of Publications by Year
in descending order

33 papers	434 citations	840119 11 h-index	752256 20 g-index
37 all docs	37 docs citations	37 times ranked	481 citing authors

#	Article	IF	Citations
1	Optimized cascade reservoir operation considering ice flood control and power generation. Journal of Hydrology, 2014, 519, 1042-1051.	2.3	56
2	Topography-based spatial patterns of precipitation extremes in the Poyang Lake basin, China: Changing properties and causes. Journal of Hydrology, 2014, 512, 229-239.	2.3	47
3	Spatial and temporal characteristics of reference evapotranspiration and its climatic driving factors over China from 1979–2015. Agricultural Water Management, 2019, 213, 1096-1108.	2.4	45
4	Spatiotemporal variations of pan evaporation in China during 1960–2005: changing patterns and causes. International Journal of Climatology, 2015, 35, 903-912.	1.5	39
5	Virtual water flow pattern of grain trade and its benefits in China. Journal of Cleaner Production, 2019, 223, 445-455.	4.6	35
6	Flood control operation coupled with risk assessment for cascade reservoirs. Journal of Hydrology, 2019, 572, 543-555.	2.3	29
7	Regional flood risk assessment via coupled fuzzy c-means clustering methods: an empirical analysis from China's Huaihe River Basin. Natural Hazards, 2018, 93, 803-822.	1.6	20
8	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. Natural Hazards and Earth System Sciences, 2019, 19, 555-570.	1.5	15
9	Optimization of virtual water flow via grain trade within China. Ecological Indicators, 2019, 97, 25-34.	2.6	15
10	Optimizing flood diversion siting and its control strategy of detention basins: A case study of the Yangtze River, China. Journal of Hydrology, 2021, 597, 126201.	2.3	14
11	Encounter probability analysis of typhoon and plum rain in the Taihu Lake Basin. Science China Technological Sciences, 2010, 53, 3331-3340.	2.0	13
12	Total control-based unified allocation model for allowable basin water withdrawal and sewage discharge. Science China Technological Sciences, 2010, 53, 1387-1397.	2.0	12
13	Hydrological characteristic-based methodology for dividing flood seasons: an empirical analysis from China. Environmental Earth Sciences, 2019, 78, 1.	1.3	11
14	Evaluating Ensemble Kalman, Particle, and Ensemble Particle Filters through Soil Temperature Prediction. Journal of Hydrologic Engineering - ASCE, 2014, 19, 04014027.	0.8	10
15	Spatial Heterogeneity of the Impact Factors on Gray Water Footprint Intensity in China. Sustainability, 2020, 12, 865.	1.6	10
16	Optimizing Operating Rules for a Reservoir System in Northern China Considering Ecological Flow Requirements and Water Use Priorities. Journal of Water Resources Planning and Management - ASCE, 2020, 146, .	1.3	9
17	Flood Season Division with an Improved Fuzzy C-mean Clustering Method in the Taihu Lake Basin in China. Procedia Engineering, 2012, 28, 66-74.	1.2	7
18	Assessment approach to the floodwater utilization potential of a basin and an empirical analysis from China. Environmental Earth Sciences, 2019, 78, 1.	1.3	7

#	Article	IF	Citations
19	Basin-Wide Initial Water Rights Allocation Model Considering Both the Quantity and Quality of Water. Environmental Modeling and Assessment, 2020, 25, 581-589.	1.2	6
20	Flood routing model incorporating intensive streambed infiltration. Science China Earth Sciences, 2015, 58, 718-726.	2.3	5
21	Uncertainty analysis of designed flood on Bayesian MCMC algorithm: a case study of the Panjiakou Reservoir in China. Environmental Earth Sciences, 2017, 76, 1.	1.3	5
22	Interactions between Lake-Level Fluctuations and Waterlogging Disasters around a Large-Scale Shallow Lake: An Empirical Analysis from China. Water (Switzerland), 2019, 11, 318.	1.2	5
23	Optimal operation of interbasin water transfer multireservoir systems: an empirical analysis from China. Environmental Earth Sciences, 2019, 78, 1.	1.3	5
24	Assessing the floodwater utilization potential in a reservoir-controlled watershed: A novel method considering engineering regulations and an empirical case from China. Ecological Informatics, 2022, 68, 101581.	2.3	5
25	Test and Analysis of Sludge Dewatering with a Vacuum Negative Pressure Load at the Bottom of Full Section. Advances in Civil Engineering, 2020, 2020, 1-12.	0.4	3
26	Prediction on Ecological Water Demand Based on Support Vector Machine. , 2008, , .		2
27	Assessing driving factors of regional water use in production sectors using a structural decomposition method: a case study in Jiangsu Province, China. Water Policy, 2016, 18, 262-275.	0.7	2
28	Evaluating Depressional Process of Macropore Flow and Its Impact on Solute Transport. Journal of Hydrologic Engineering - ASCE, 2014, 19, 04014005.	0.8	1
29	Instability Analysis of a Low-Angle Low-Expansive Soil Slope under Seasonal Wet-Dry Cycles and River-Level Variations. Advances in Civil Engineering, 2020, 2020, 1-12.	0.4	1
30	The simulation of regional water use behavior based on system dynamics: A case study in Jiangsu Province. , 2012, , .		0
31	Analysis of accurately estimating infiltration rate of river's flow routing model. , 2013, , .		0
32	Summary Editorial: T.I.â€"Climate effects on water resources. Environmental Earth Sciences, 2019, 78, 1.	1.3	0
33	Analyzing the Spatial Correlation Between Regional Economic Level and Water-Use Efficiency in Jiangsu Province. Communications in Computer and Information Science, 2016, , 525-533.	0.4	0