

Jie Yang

List of Publications by Year in descending order

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23
papers

1,070
citations

516710

16
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

994
citing authors

#	ARTICLE	IF	CITATIONS
1	Conjunctive Operation of Interbasin Transferred Water and Local Water in a Multisource Diversion-Supply-Allocation System. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2021, 147, 05021018.	2.6	5
2	Optimizing Inter-basin water transfers from multiple sources among interconnected River basins. <i>Journal of Hydrology</i> , 2020, 590, 125461.	5.4	17
3	Coincidence probability analysis of hydrologic low-flow under the changing environment in the Wei River Basin. <i>Natural Hazards</i> , 2020, 103, 1711-1726.	3.4	3
4	Assessing the drought mitigation ability of the reservoir in the downstream of the Yellow River. <i>Science of the Total Environment</i> , 2019, 646, 1327-1335.	8.0	36
5	Reservoir Operations to Mitigate Drought Effects With a Hedging Policy Triggered by the Drought Prevention Limiting Water Level. <i>Water Resources Research</i> , 2019, 55, 904-922.	4.2	71
6	Impact of dam development and climate change on hydroecological conditions and natural hazard risk in the Mekong River Basin. <i>Journal of Hydrology</i> , 2019, 579, 124177.	5.4	37
7	Uncertainty analysis of water availability assessment through the Budyko framework. <i>Journal of Hydrology</i> , 2019, 576, 396-407.	5.4	28
8	Cascade hydropower plants operation considering comprehensive ecological water demands. <i>Energy Conversion and Management</i> , 2019, 180, 119-133.	9.2	72
9	Development of a coupled quantity-quality-environment water allocation model applying the optimization-simulation method. <i>Journal of Cleaner Production</i> , 2019, 213, 944-955.	9.3	34
10	Calibration and uncertainty analysis of a hydrological model based on cuckoo search and the M-GLUE method. <i>Theoretical and Applied Climatology</i> , 2019, 137, 165-176.	2.8	3
11	Impact of natural climate variability on runoff based on Monte Carlo method. <i>Journal of Water and Climate Change</i> , 2019, 10, 344-359.	2.9	11
12	Comprehensive drought characteristics analysis based on a nonlinear multivariate drought index. <i>Journal of Hydrology</i> , 2018, 557, 651-667.	5.4	88
13	Flood risk analysis for flood control and sediment transportation in sandy regions: A case study in the Loess Plateau, China. <i>Journal of Hydrology</i> , 2018, 560, 39-55.	5.4	19
14	Quantifying the Sustainability of Water Availability for the Waterâ€Foodâ€Energyâ€Ecosystem Nexus in the Niger River Basin. <i>Earth's Future</i> , 2018, 6, 1292-1310.	6.3	40
15	NDVI dynamic changes and their relationship with meteorological factors and soil moisture. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	39
16	Conjunctive Operation of Reservoirs and Ponds Using a Simulation-Optimization Model of Irrigation Systems. <i>Water Resources Management</i> , 2017, 31, 995-1012.	3.9	12
17	Impact of climate change on runoff and uncertainty analysis. <i>Natural Hazards</i> , 2017, 88, 1113-1131.	3.4	18
18	Deriving Operating Rules of Pumped Water Storage Using Multiobjective Optimization: Case Study of the Han to Wei Interbasin Water Transfer Project, China. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017, 143, .	2.6	46

#	ARTICLE	IF	CITATIONS
19	Assessing the impact of climate variability and human activities on streamflow variation. Hydrology and Earth System Sciences, 2016, 20, 1547-1560.	4.9	83
20	Integrated assessment for hydrometeorological drought based on Markov chain model. Natural Hazards, 2016, 84, 1137-1160.	3.4	6
21	Copula-based drought risk assessment combined with an integrated index in the Wei River Basin, China. Journal of Hydrology, 2016, 540, 824-834.	5.4	157
22	Impact of climate change and human activities on runoff in the Weihe River Basin, China. Quaternary International, 2015, 380-381, 169-179.	1.5	182
23	Optimized cascade reservoir operation considering ice flood control and power generation. Journal of Hydrology, 2014, 519, 1042-1051.	5.4	56