

# Jie Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3853899/publications.pdf>

Version: 2024-02-01

23  
papers

1,070  
citations

516215

16  
h-index

642321

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

994  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of climate change and human activities on runoff in the Weihe River Basin, China. <i>Quaternary International</i> , 2015, 380-381, 169-179.	0.7	182
2	Copula-based drought risk assessment combined with an integrated index in the Wei River Basin, China. <i>Journal of Hydrology</i> , 2016, 540, 824-834.	2.3	157
3	Comprehensive drought characteristics analysis based on a nonlinear multivariate drought index. <i>Journal of Hydrology</i> , 2018, 557, 651-667.	2.3	88
4	Assessing the impact of climate variability and human activities on streamflow variation. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 1547-1560.	1.9	83
5	Cascade hydropower plants operation considering comprehensive ecological water demands. <i>Energy Conversion and Management</i> , 2019, 180, 119-133.	4.4	72
6	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.	1.7	71
7	Optimized cascade reservoir operation considering ice flood control and power generation. <i>Journal of Hydrology</i> , 2014, 519, 1042-1051.	2.3	56
8	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, .	1.3	46
9	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.	2.4	40
10	NDVI dynamic changes and their relationship with meteorological factors and soil moisture. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	39
11	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.	2.3	37
12	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.	3.9	36
13	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.	4.6	34
14	Uncertainty analysis of water availability assessment through the Budyko framework. <i>Journal of Hydrology</i> , 2019, 576, 396-407.	2.3	28
15	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.	2.3	19
16	Impact of climate change on runoff and uncertainty analysis. <i>Natural Hazards</i> , 2017, 88, 1113-1131.	1.6	18
17	Optimizing Inter-basin water transfers from multiple sources among interconnected River basins. <i>Journal of Hydrology</i> , 2020, 590, 125461.	2.3	17
18	Conjunctive Operation of Reservoirs and Ponds Using a Simulation-Optimization Model of Irrigation Systems. <i>Water Resources Management</i> , 2017, 31, 995-1012.	1.9	12

#	ARTICLE	IF	CITATIONS
19	Impact of natural climate variability on runoff based on Monte Carlo method. Journal of Water and Climate Change, 2019, 10, 344-359.	1.2	11
20	Integrated assessment for hydrometeorological drought based on Markov chain model. Natural Hazards, 2016, 84, 1137-1160.	1.6	6
21	Conjunctive Operation of Interbasin Transferred Water and Local Water in a Multisource Diversion-Supply-Allocation System. Journal of Water Resources Planning and Management - ASCE, 2021, 147, 05021018.	1.3	5
22	Calibration and uncertainty analysis of a hydrological model based on cuckoo search and the M-GLUE method. Theoretical and Applied Climatology, 2019, 137, 165-176.	1.3	3
23	Coincidence probability analysis of hydrologic low-flow under the changing environment in the Wei River Basin. Natural Hazards, 2020, 103, 1711-1726.	1.6	3