

Gang Zhao

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.

19
papers

344
citations

10
h-index

18
g-index

20
ext. papers

473
ext. citations

6.6
avg, IF

4.32
L-index

#	Paper	IF	Citations
19	Human activities modulate greening patterns: a case study for southern Xinjiang in China based on long time series analysis. <i>Environmental Research Letters</i> , 2022 , 17, 044012	6.2	1
18	Physics-Guided Long Short-Term Memory Network for Streamflow and Flood Simulations in the Lancang-Mekong River Basin. <i>Water (Switzerland)</i> , 2022 , 14, 1429	3	
17	Evaluating precipitation, streamflow, and inundation forecasting skills during extreme weather events: A case study for an urban watershed. <i>Journal of Hydrology</i> , 2021 , 603, 127126	6	3
16	The implications of future climate change on the blue water footprint of hydropower in the contiguous US *. <i>Environmental Research Letters</i> , 2021 , 16, 034003	6.2	3
15	NASA MODIS/VIIRS Global Water Reservoir Product Suite from Moderate Resolution Remote Sensing Data. <i>Remote Sensing</i> , 2021 , 13, 565	5	1
14	Drought Monitoring Using Reservoir Data Collected via Satellite Remote Sensing. <i>Geophysical Monograph Series</i> , 2021 , 47-59	1.1	
13	Grass modelling in data-limited areas by incorporating MODIS data products. <i>Field Crops Research</i> , 2021 , 271, 108250	5.5	2
12	A high-resolution bathymetry dataset for global reservoirs using multi-source satellite imagery and altimetry. <i>Remote Sensing of Environment</i> , 2020 , 244, 111831	13.2	30
11	Quantifying the effects of urbanization on floods in a changing environment to promote water security A case study of two adjacent basins in Texas. <i>Journal of Hydrology</i> , 2020 , 589, 125154	6	12
10	Impacts of urbanization, antecedent rainfall event, and cyclone tracks on extreme floods at Houston reservoirs during Hurricane Harvey. <i>Environmental Research Letters</i> , 2020 , 15, 124012	6.2	3
9	Estimating lake temperature profile and evaporation losses by leveraging MODIS LST data. <i>Remote Sensing of Environment</i> , 2020 , 251, 112104	13.2	9
8	Estimating reservoir evaporation losses for the United States: Fusing remote sensing and modeling approaches. <i>Remote Sensing of Environment</i> , 2019 , 226, 109-124	13.2	57
7	Towards Global Hydrological Drought Monitoring Using Remotely Sensed Reservoir Surface Area. <i>Geophysical Research Letters</i> , 2019 , 46, 13027-13035	4.9	10
6	Automatic correction of contaminated images for assessment of reservoir surface area dynamics.. <i>Geophysical Research Letters</i> , 2018 , 45, 6092-6099	4.9	40
5	A modeling framework for evaluating the drought resilience of a surface water supply system under non-stationarity. <i>Journal of Hydrology</i> , 2018 , 563, 22-32	6	15
4	Effects of Urbanization and Climate Change on Peak Flows over the San Antonio River Basin, Texas. <i>Journal of Hydrometeorology</i> , 2016 , 17, 2371-2389	3.7	30
3	Integrating a reservoir regulation scheme into a spatially distributed hydrological model. <i>Advances in Water Resources</i> , 2016 , 98, 16-31	4.7	62

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| 2 | Robust global sensitivity analysis under deep uncertainty via scenario analysis. <i>Environmental Modelling and Software</i> , 2016 , 76, 154-166 | 5.2 | 53 |
| 1 | Assessing threshold values for eutrophication management using Bayesian method in Yuqiao Reservoir, North China. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 195 | 3.1 | 10 |