Gang Zhao

List of Publications by Citations

19	344	10	18
papers	citations	h-index	g-index
20	473	6.6	4.32
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
19	Integrating a reservoir regulation scheme into a spatially distributed hydrological model. *Advances in Water Resources*, **2016**, 98, 16-31	4.7	62
18	Estimating reservoir evaporation losses for the United States: Fusing remote sensing and modeling approaches. *Remote Sensing of Environment*, **2019**, 226, 109-124	13.2	57
17	Robust global sensitivity analysis under deep uncertainty via scenario analysis. *Environmental Modelling and Software*, **2016**, 76, 154-166	5.2	53
16	Automatic correction of contaminated images for assessment of reservoir surface area dynamics.. *Geophysical Research Letters*, **2018**, 45, 6092-6099	4.9	40
15	A high-resolution bathymetry dataset for global reservoirs using multi-source satellite imagery and altimetry. *Remote Sensing of Environment*, **2020**, 244, 111831	13.2	30
14	Effects of Urbanization and Climate Change on Peak Flows over the San Antonio River Basin, Texas. *Journal of Hydrometeorology*, **2016**, 17, 2371-2389	3.7	30
13	A modeling framework for evaluating the drought resilience of a surface water supply system under non-stationarity. *Journal of Hydrology*, **2018**, 563, 22-32	6	15
12	Quantifying the effects of urbanization on floods in a changing environment to promote water security □A case study of two adjacent basins in Texas. *Journal of Hydrology*, **2020**, 589, 125154	6	12
11	Assessing threshold values for eutrophication management using Bayesian method in Yuqiao Reservoir, North China. *Environmental Monitoring and Assessment*, **2015**, 187, 195	3.1	10
10	Towards Global Hydrological Drought Monitoring Using Remotely Sensed Reservoir Surface Area. *Geophysical Research Letters*, **2019**, 46, 13027-13035	4.9	10
9	Estimating lake temperature profile and evaporation losses by leveraging MODIS LST data. *Remote Sensing of Environment*, **2020**, 251, 112104	13.2	9
8	Evaluating precipitation, streamflow, and inundation forecasting skills during extreme weather events: A case study for an urban watershed. *Journal of Hydrology*, **2021**, 603, 127126	6	3
7	Impacts of urbanization, antecedent rainfall event, and cyclone tracks on extreme floods at Houston reservoirs during Hurricane Harvey. *Environmental Research Letters*, **2020**, 15, 124012	6.2	3
6	The implications of future climate change on the blue water footprint of hydropower in the contiguous US *. *Environmental Research Letters*, **2021**, 16, 034003	6.2	3
5	Grass modelling in data-limited areas by incorporating MODIS data products. *Field Crops Research*, **2021**, 271, 108250	5.5	2
4	NASA□ MODIS/VIIRS Global Water Reservoir Product Suite from Moderate Resolution Remote Sensing Data. *Remote Sensing*, **2021**, 13, 565	5	1
3	Human activities modulate greening patterns: a case study for southern Xinjiang in China based on long time series analysis. *Environmental Research Letters*, **2022**, 17, 044012	6.2	1

List of Publications

2	Drought Monitoring Using Reservoir Data Collected via Satellite Remote Sensing. *Geophysical Monograph Series*, **2021**, 47-59	1.1
1	Physics-Guided Long Short-Term Memory Network for Streamflow and Flood Simulations in the Lancang-Mekong River Basin. *Water (Switzerland)*, **2022**, 14, 1429	3