

Yi He

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,161
citations

516710

16
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

1599
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of regionalisation for continuous streamflow simulation. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 3539-3553.	4.9	162
2	Tracking the uncertainty in flood alerts driven by grand ensemble weather predictions. <i>Meteorological Applications</i> , 2009, 16, 91-101.	2.1	109
3	Comparison of conceptual model performance using different representations of spatial variability. <i>Journal of Hydrology</i> , 2008, 356, 106-118.	5.4	104
4	Spatiotemporal patterns and source attribution of nitrogen load in a river basin with complex pollution sources. <i>Water Research</i> , 2016, 94, 187-199.	11.3	95
5	Modelling climate impact on floods with ensemble climate projections. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2013, 139, 282-297.	2.7	92
6	Analysis of the spatio-temporal patterns of dry and wet conditions in the Huai River Basin using the standardized precipitation index. <i>Atmospheric Research</i> , 2015, 166, 120-128.	4.1	78
7	Modelling the impacts of agricultural management practices on river water quality in Eastern England. <i>Journal of Environmental Management</i> , 2016, 180, 147-163.	7.8	69
8	An integrated 1D-2D hydraulic modelling approach to assess the sensitivity of a coastal region to compound flooding hazard under climate change. <i>Natural Hazards</i> , 2019, 98, 915-937.	3.4	69
9	Conditioning model output statistics of regional climate model precipitation on circulation patterns. <i>Nonlinear Processes in Geophysics</i> , 2012, 19, 623-633.	1.3	61
10	Comparison of daily and sub-daily SWAT models for daily streamflow simulation in the Upper Huai River Basin of China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 959-972.	4.0	45
11	"We can't do it on our own!" Integrating stakeholder and scientific knowledge of future flood risk to inform climate change adaptation planning in a coastal region. <i>Environmental Science and Policy</i> , 2020, 103, 50-57.	4.9	41
12	Impacts of climate change on TN load and its control in a River Basin with complex pollution sources. <i>Science of the Total Environment</i> , 2018, 615, 1155-1163.	8.0	34
13	Evaluation of ECMWF medium-range ensemble forecasts of precipitation for river basins. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 1615-1628.	2.7	30
14	Assessment of a 1-hour gridded precipitation dataset to drive a hydrological model: a case study of the summer 2007 floods in the Upper Severn, UK. <i>Hydrology Research</i> , 2013, 44, 89-105.	2.7	28
15	A catchment classification scheme using local variance reduction method. <i>Journal of Hydrology</i> , 2011, 411, 140-154.	5.4	22
16	Quantification of impacts between 1.5 and 4°C of global warming on flooding risks in six countries. <i>Climatic Change</i> , 2022, 170, 1.	3.6	18
17	Assessment of the Spatial and Temporal Variations of Water Quality for Agricultural Lands with Crop Rotation in China by Using a HYPE Model. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 336.	2.6	16
18	Statistical downscaling to project extreme hourly precipitation over the United Kingdom. <i>International Journal of Climatology</i> , 2020, 40, 1805-1823.	3.5	13

#	ARTICLE	IF	CITATIONS
19	Assessing the economic impacts of future fluvial flooding in six countries under climate change and socio-economic development. <i>Climatic Change</i> , 2021, 166, 1.	3.6	11
20	Adaptation and application of the large LAERTES-EU regional climate model ensemble for modeling hydrological extremes: a pilot study for the Rhine basin. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 677-692.	3.6	5
21	Spatiotemporal evolutionary analysis of rainfall erosivity during 1901â€“2017 in Beijing, China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 2510-2522.	5.3	4