

Xiaomeng Song

List of Publications by Citations

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24
papers

801
citations

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h-index

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g-index

24
ext. papers

958
ext. citations

3.8
avg, IF

4.09
L-index

#	Paper	IF	Citations
24	Global sensitivity analysis in hydrological modeling: Review of concepts, methods, theoretical framework, and applications. <i>Journal of Hydrology</i> , 2015 , 523, 739-757	6	260
23	An efficient integrated approach for global sensitivity analysis of hydrological model parameters. <i>Environmental Modelling and Software</i> , 2013 , 41, 39-52	5.2	113
22	Assessment of Water Resources Carrying Capacity in Tianjin City of China. <i>Water Resources Management</i> , 2011 , 25, 857-873	3.7	92
21	Rapid urbanization and changes in spatiotemporal characteristics of precipitation in Beijing metropolitan area. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 11,250-11,271	4.4	87
20	The impacts of climate variability and human activities on streamflow in Bai River basin, northern China 2013 , 44, 875-885		33
19	Hybrid Optimization Rainfall-Runoff Simulation Based on Xinanjiang Model and Artificial Neural Network. <i>Journal of Hydrologic Engineering - ASCE</i> , 2012 , 17, 1033-1041	1.8	27
18	Impacts of climate change on water resources in the Yellow River basin and identification of global adaptation strategies. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2017 , 22, 67-83	3.9	25
17	An efficient global sensitivity analysis approach for distributed hydrological model. <i>Journal of Chinese Geography</i> , 2012 , 22, 209-222	3.7	24
16	Integration of a statistical emulator approach with the SCE-UA method for parameter optimization of a hydrological model. <i>Science Bulletin</i> , 2012 , 57, 3397-3403		20
15	Changes in precipitation extremes in the Beijing metropolitan area during 1960-2012. <i>Atmospheric Research</i> , 2019 , 222, 134-153	5.4	19
14	Advances in the study of uncertainty quantification of large-scale hydrological modeling system. <i>Journal of Chinese Geography</i> , 2011 , 21, 801-819	3.7	18
13	Simulating the hydrological responses to climate change of the Xiang River basin, China. <i>Theoretical and Applied Climatology</i> , 2016 , 124, 769-779	3	16
12	Review of Environmental Multimedia Models. <i>Environmental Forensics</i> , 2012 , 13, 216-224	1.6	10
11	Potential linkages of precipitation extremes in Beijing-Tianjin-Hebei region, China, with large-scale climate patterns using wavelet-based approaches. <i>Theoretical and Applied Climatology</i> , 2020 , 141, 1251-1269	3.269	8
10	The Assessment of Green Water Based on the SWAT Model: A Case Study in the Hai River Basin, China. <i>Water (Switzerland)</i> , 2018 , 10, 798	3	7
9	Quantile Regression Based Methods for Investigating Rainfall Trends Associated with Flooding and Drought Conditions. <i>Water Resources Management</i> , 2019 , 33, 4249-4264	3.7	7
8	Multiscale Spatio-Temporal Changes of Precipitation Extremes in Beijing-Tianjin-Hebei Region, China during 1958-2017. <i>Atmosphere</i> , 2019 , 10, 462	2.7	6

7	A Comprehensive Analysis of the Changes in Precipitation Patterns over Beijing during 1960-2012. <i>Advances in Meteorology</i> , 2019 , 2019, 1-22	1.7	6
6	Parameter identification and calibration of the Xinjiang model using the surrogate modeling approach. <i>Frontiers of Earth Science</i> , 2014 , 8, 264-281	1.7	6
5	An enhanced environmental multimedia modeling system based on fuzzy-set approach: I. theoretical framework and model development. <i>Frontiers of Environmental Science and Engineering</i> , 2015 , 9, 494-505	5.8	5
4	Nonstationary bayesian modeling of precipitation extremes in the Beijing-Tianjin-Hebei Region, China. <i>Atmospheric Research</i> , 2020 , 242, 105006	5.4	5
3	Impacts of urbanization on precipitation patterns in the greater Beijing-Tianjin-Hebei metropolitan region in northern China. <i>Environmental Research Letters</i> , 2021 , 16, 014042	6.2	4
2	An enhanced environmental multimedia modeling system based on fuzzy-set approach: II. Model validation and application. <i>Frontiers of Environmental Science and Engineering</i> , 2015 , 9, 1025-1035	5.8	3
1	An Analysis of the Impact of Groundwater Overdraft on Runoff Generation in the North China Plain with a Hydrological Modeling Framework. <i>Water (Switzerland)</i> , 2022 , 14, 1758	3	0