Xiao Mingzhong

List of Publications by Year
in descending order

46 papers	1,908 citations	293460 24 h-index	286692 43 g-index
46 all docs	46 docs citations	46 times ranked	1913 citing authors

#	Article	IF	Citations
1	*phenofit*: An R package for extracting vegetation phenology from time series remote sensing. Methods in Ecology and Evolution, 2022, 13, 1508-1527.	2.2	22
2	Performance of the WRF model in simulating intense precipitation events over the Hanjiang River Basin, China â€" A multi-physics ensemble approach. Atmospheric Research, 2021, 248, 105206.	1.8	23
3	Improvement in the Estimation of Daily Net Surface Radiation in China. Journal of Irrigation and Drainage Engineering - ASCE, 2021, 147, 04021002.	0.6	3
4	Change in the Occurrence Frequency of Landfalling and Non-Landfalling Tropical Cyclones over the Northwest Pacific. Journal of Climate, 2021, 34, 3145-3155.	1.2	8
5	Source of Evaporation for the Seasonal Precipitation in the Pearl River Delta, China. Water Resources Research, 2021, 57, e2020WR028564.	1.7	4
6	Contributions of Anthropogenic Forcings to Evapotranspiration Changes Over 1980â€"2020 Using GLEAM and CMIP6 Simulations. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035367.	1.2	14
7	Quantifying spatiotemporal influences of climate index on seasonal extreme precipitation based on hierarchical Bayesian method. International Journal of Climatology, 2020, 40, 3087-3098.	1.5	6
8	Stomatal response to decreased relative humidity constrains the acceleration of terrestrial evapotranspiration. Environmental Research Letters, 2020, 15, 094066.	2.2	18
9	Evaluation and estimation of daily global solar radiation from the estimated direct and diffuse solar radiation. Theoretical and Applied Climatology, 2020, 140, 983-992.	1.3	17
10	Copula-based frequency analysis of drought with identified characteristics in space and time: a case study in Huai River basin, China. Theoretical and Applied Climatology, 2019, 137, 2865-2875.	1.3	11
11	Assessing the river habitat suitability and effects of introduction of exotic fish species based on anecohydraulic model system. Ecological Informatics, 2018, 45, 59-69.	2.3	9
12	Developing a Model to Assess the Potential Impact of TUM Hydropower Turbines on Small River Ecology. Sustainability, 2018, 10, 1662.	1.6	7
13	Investigating Relationships Between Australian Flooding and Largeâ€Scale Climate Indices and Possible Mechanism. Journal of Geophysical Research D: Atmospheres, 2018, 123, 8708-8723.	1.2	28
14	Probabilistic forecasting of seasonal drought behaviors in the Huai River basin, China. Theoretical and Applied Climatology, 2017, 128, 667-677.	1.3	18
15	Transition probability behaviors of drought events in the Pearl River basin, China. Stochastic Environmental Research and Risk Assessment, 2017, 31, 159-170.	1.9	10
16	Transitional variations and risk of hydro-meteorological droughts in the Tarim River basin, China. Stochastic Environmental Research and Risk Assessment, 2017, 31, 1515-1526.	1.9	12
17	Nonstationarity-based evaluation of flood risk in the Pearl River basin: changing patterns, causes and implications. Hydrological Sciences Journal, 2017, 62, 246-258.	1.2	18
18	Spatiotemporal variations of extreme precipitation regimes during 1961-2010 and possible teleconnections with climate indices across China. International Journal of Climatology, 2017, 37, 468-479.	1.5	98

#	Article	IF	Citations
19	Entropy‐based spatiotemporal patterns of precipitation regimes in the Huai River basin, China. International Journal of Climatology, 2016, 36, 2335-2344.	1.5	14
20	Spatiotemporal variations of temperature and precipitation extremes in the Poyang Lake basin, China. Theoretical and Applied Climatology, 2016, 124, 855-864.	1.3	37
21	Spatiotemporal properties of growing season indices during 1961–2010 and possible association with agroclimatological regionalization of dominant crops in Xinjiang, China. Meteorology and Atmospheric Physics, 2016, 128, 513-524.	0.9	6
22	Impacts of ENSO and ENSO Modoki+A regimes on seasonal precipitation variations and possible underlying causes in the Huai River basin, China. Journal of Hydrology, 2016, 533, 308-319.	2.3	54
23	Transitional properties of droughts and related impacts of climate indices in the Pearl River basin, China. Journal of Hydrology, 2016, 534, 397-406.	2.3	55
24	Probabilistic forecasting of seasonal droughts in the Pearl River basin, China. Stochastic Environmental Research and Risk Assessment, 2016, 30, 2031-2040.	1.9	33
25	Homogenization of precipitation and flow regimes across China: Changing properties, causes and implications. Journal of Hydrology, 2015, 530, 462-475.	2.3	55
26	Flood frequency under the influence of trends in the Pearl River basin, China: changing patterns, causes and implications. Hydrological Processes, 2015, 29, 1406-1417.	1.1	19
27	Influences of ENSO, NAO, IOD and PDO on seasonal precipitation regimes in the Yangtze River basin, China. International Journal of Climatology, 2015, 35, 3556-3567.	1.5	219
28	Observational evidence of summer precipitation deficit‐temperature coupling in China. Journal of Geophysical Research D: Atmospheres, 2015, 120, 10,040.	1.2	25
29	Assessment of drought vulnerability of the Tarim River basin, Xinjiang, China. Theoretical and Applied Climatology, 2015, 121, 337-347.	1.3	71
30	General correlation analysis: a new algorithm and application. Stochastic Environmental Research and Risk Assessment, 2015, 29, 665-677.	1.9	15
31	Regional Frequency Analysis of Droughts in China: A Multivariate Perspective. Water Resources Management, 2015, 29, 1767-1787.	1.9	96
32	Variations of annual and seasonal runoff in Guangdong Province, south China: spatiotemporal patterns and possible causes. Meteorology and Atmospheric Physics, 2015, 127, 273-288.	0.9	7
33	Evaluation of flood frequency under non-stationarity resulting from climate indices and reservoir indices in the East River basin, China. Journal of Hydrology, 2015, 527, 565-575.	2.3	111
34	Uncertainty evaluation of copula analysis of hydrological droughts in the East River basin, China. Global and Planetary Change, 2015, 129, 1-9.	1.6	67
35	Stationarity of annual flood peaks during 1951–2010 in the Pearl River basin, China. Journal of Hydrology, 2014, 519, 3263-3274.	2.3	45
36	Precipitation extremes in the Yangtze River Basin, China: regional frequency and spatial‐temporal patterns. Theoretical and Applied Climatology, 2014, 116, 447-461.	1.3	48

#	Article	IF	Citations
37	Flood frequency analysis with consideration of hydrological alterations: Changing properties, causes and implications. Journal of Hydrology, 2014, 519, 803-813.	2.3	49
38	Max-stable based evaluation of impacts of climate indices on extreme precipitation processes across the Poyang Lake basin, China. Global and Planetary Change, 2014, 122, 271-281.	1.6	46
39	Reservoir-induced hydrological alterations and environmental flow variation in the East River, the Pearl River basin, China. Stochastic Environmental Research and Risk Assessment, 2014, 28, 2119-2131.	1.9	54
40	Topography-based spatial patterns of precipitation extremes in the Poyang Lake basin, China: Changing properties and causes. Journal of Hydrology, 2014, 512, 229-239.	2.3	47
41	Evaluation of risk of hydrological droughts by the trivariate Plackett copula in the East River basin (China). Natural Hazards, 2013, 68, 529-547.	1.6	41
42	Copula-based risk evaluation of hydrological droughts in the East River basin, China. Stochastic Environmental Research and Risk Assessment, 2013, 27, 1397-1406.	1.9	73
43	Regionalization-based spatiotemporal variations of precipitation regimes across China. Theoretical and Applied Climatology, 2013, 114, 203-212.	1.3	26
44	Copula-based risk evaluation of droughts across the Pearl River basin, China. Theoretical and Applied Climatology, 2013, 111, 119-131.	1.3	71
45	Spatio-temporal relations between temperature and precipitation regimes: Implications for temperature-induced changes in the hydrological cycle. Global and Planetary Change, 2013, 111, 57-76.	1.6	107
46	Regionalization and spatial changing properties of droughts across the Pearl River basin, China. Journal of Hydrology, 2012, 472-473, 355-366.	2.3	91