Qiaohong Sun

List of Publications by Year
in descending order

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30 papers	3,129 citations	279798 23 h-index	454955 30 g-index
30 all docs	30 docs citations	30 times ranked	3993 citing authors

#	Article	IF	Citations
1	A Review of Global Precipitation Data Sets: Data Sources, Estimation, and Intercomparisons. Reviews of Geophysics, 2018, 56, 79-107.	23.0	1,129
2	Evolution of the Yellow River Delta and its relationship with runoff and sediment load from 1983 to 2011. Journal of Hydrology, 2015, 520, 157-167.	5.4	231
3	Global heat stress on health, wildfires, and agricultural crops under different levels of climate warming. Environment International, 2019, 128, 125-136.	10.0	202
4	Assessment of CMIP5 climate models and projected temperature changes over Northern Eurasia. Environmental Research Letters, 2014, 9, 055007.	5.2	167
5	A Global, Continental, and Regional Analysis of Changes in Extreme Precipitation. Journal of Climate, 2021, 34, 243-258.	3.2	124
6	Projected changes in temperature and precipitation in ten river basins over China in 21st century. International Journal of Climatology, 2015, 35, 1125-1141.	3.5	101
7	A nonstationary biasâ€correction technique to remove bias in GCM simulations. Journal of Geophysical Research D: Atmospheres, 2016, 121, 5718-5735.	3.3	101
8	Temperature and precipitation changes over the Loess Plateau between 1961 and 2011, based on high-density gauge observations. Global and Planetary Change, 2015, 132, 1-10.	3.5	100
9	Comparative analysis of CMIP3 and CMIP5 global climate models for simulating the daily mean, maximum, and minimum temperatures and daily precipitation over China. Journal of Geophysical Research D: Atmospheres, 2015, 120, 4806-4824.	3.3	97
10	Joint analysis of changes in temperature and precipitation on the Loess Plateau during the period 1961â€“2011. Climate Dynamics, 2016, 47, 3221-3234.	3.8	86
11	Non-uniform changes in different categories of precipitation intensity across China and the associated large-scale circulations. Environmental Research Letters, 2019, 14, 025004.	5.2	76
12	Extreme climate events and agricultural climate indices in China: CMIP5 model evaluation and projections. International Journal of Climatology, 2016, 36, 43-61.	3.5	66
13	Centuryâ€scale causal relationships between global dry/wet conditions and the state of the Pacific and Atlantic Oceans. Geophysical Research Letters, 2016, 43, 6528-6537.	4.0	65
14	Would the â€˜realâ€™ observed dataset stand up? A critical examination of eight observed gridded climate datasets for China. Environmental Research Letters, 2014, 9, 015001.	5.2	63
15	Linkage Between Hourly Precipitation Events and Atmospheric Temperature Changes over China during the Warm Season. Scientific Reports, 2016, 6, 22543.	3.3	59
16	Unraveling anthropogenic influence on the changing risk of heat waves in China. Geophysical Research Letters, 2017, 44, 5078-5085.	4.0	53
17	Changes in the Spatial Heterogeneity and Annual Distribution of Observed Precipitation across China. Journal of Climate, 2017, 30, 9399-9416.	3.2	52
18	The hydro-environmental response on the lower Yellow River to the waterâ€“sediment regulation scheme. Ecological Engineering, 2015, 79, 69-79.	3.6	51

#	Article	IF	Citations
19	Possible Increased Frequency of ENSO-Related Dry and Wet Conditions over Some Major Watersheds in a Warming Climate. Bulletin of the American Meteorological Society, 2020, 101, E409-E426.	3.3	48
20	Evaluation and application of Bayesian multi-model estimation in temperature simulations. Progress in Physical Geography, 2013, 37, 727-744.	3.2	46
21	How accurate are the performances of gridded precipitation data products over Northeast China?. Atmospheric Research, 2018, 211, 12-20.	4.1	42
22	The nonstationary impact of local temperature changes and ENSO on extreme precipitation at the global scale. Climate Dynamics, 2017, 49, 4281-4292.	3.8	37
23	Variations in global temperature and precipitation for the period of 1948 to 2010. Environmental Monitoring and Assessment, 2014, 186, 5663-5679.	2.7	29
24	Human influence on the 2021 British Columbia floods. Weather and Climate Extremes, 2022, 36, 100441.	4.1	24
25	Record-Breaking Heat in Northwest China in July 2015: Analysis of the Severity and Underlying Causes. Bulletin of the American Meteorological Society, 2016, 97, S97-S101.	3.3	21
26	Extreme Rainfall (R20mm, RX5day) in Yangtzeâ€“Huai, China, in Juneâ€“July 2016: The Role of ENSO and Anthropogenic Climate Change. Bulletin of the American Meteorological Society, 2018, 99, S102-S106.	3.3	20
27	A Comparison of Intra-Annual and Long-Term Trend Scaling of Extreme Precipitation with Temperature in a Large-Ensemble Regional Climate Simulation. Journal of Climate, 2020, 33, 9233-9245.	3.2	16
28	Quantifying the Human Influence on the Intensity of Extreme 1- and 5-Day Precipitation Amounts at Global, Continental, and Regional Scales. Journal of Climate, 2022, 35, 195-210.	3.2	10
29	Anthropogenic influence on the changing risk of heat waves over India. Scientific Reports, 2022, 12, 3337.	3.3	8
30	Non-uniform changes in different daily precipitation events in the contiguous United States. Weather and Climate Extremes, 2022, 35, 100417.	4.1	5