Jianyao Chen

List of Publications by Year
in descending order

19 papers	1,190 citations	687363 13 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	1216 citing authors

#	Article	IF	Citations
1	Asymmetrical Shift Toward Less Light and More Heavy Precipitation in an Urban Agglomeration of East China: Intensification by Urbanization. Geophysical Research Letters, 2022, 49, .	4.0	22
2	phenofit: An R package for extracting vegetation phenology from time series remote sensing. Methods in Ecology and Evolution, 2022, 13, 1508-1527.	5.2	22
3	Greenhouse Gas Emissions Drive Global Dryland Expansion but Not Spatial Patterns of Change in Aridification. Journal of Climate, 2022, 35, 2901-2917.	3.2	8
4	Impacts of <scp>El NiÃ±o</scp>â€“southern oscillation on global runoff: Characteristic signatures and potential mechanisms. Hydrological Processes, 2021, 35, e14367.	2.6	7
5	Global Runoff Signatures Changes and Their Response to Atmospheric Environment, GRACE Water Storage, and Dams. Remote Sensing, 2021, 13, 4084.	4.0	6
6	Response of global land evapotranspiration to climate change, elevated CO2, and land use change. Agricultural and Forest Meteorology, 2021, 311, 108663.	4.8	39
7	Asymmetric response of short- and long-duration dry spells to warming during the warm-rain season over Eastern monsoon China. Journal of Hydrology, 2021, 603, 127114.	5.4	6
8	Contributions of Anthropogenic Forcings to Evapotranspiration Changes Over 1980â€“2020 Using GLEAM and CMIP6 Simulations. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035367.	3.3	14
9	Can Remotely Sensed Actual Evapotranspiration Facilitate Hydrological Prediction in Ungauged Regions Without Runoff Calibration?. Water Resources Research, 2020, 56, e2019WR026236.	4.2	55
10	Contributions of Global Warming and Urbanization to the Intensification of Humanâ€Perceived Heatwaves Over China. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032175.	3.3	50
11	Greater flood risks in response to slowdown of tropical cyclones over the coast of China. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14751-14755.	7.1	67
12	LUCCâ€Driven Changes in Gross Primary Production and Actual Evapotranspiration in Northern China. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031705.	3.3	33
13	Photoperiod Explains the Asynchronization Between Vegetation Carbon Phenology and Vegetation Greenness Phenology. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005636.	3.0	24
14	A robust method for reconstructing global MODIS EVI time series on the Google Earth Engine. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 155, 13-24.	11.1	87
15	Coupled estimation of 500â€¯m and 8-day resolution global evapotranspiration and gross primary production in 2002â€“2017. Remote Sensing of Environment, 2019, 222, 165-182.	11.0	389
16	Vegetation phenology on the Qinghai-Tibetan Plateau and its response to climate change (1982â€“2013). Agricultural and Forest Meteorology, 2018, 248, 408-417.	4.8	134
17	Nitrate pollution of groundwater in the Yellow River delta, China. Hydrogeology Journal, 2007, 15, 1605-1614.	2.1	89
18	Nitrate pollution from agriculture in different hydrogeological zones of the regional groundwater flow system in the North China Plain. Hydrogeology Journal, 2005, 13, 481-492.	2.1	135

#	Article	IF	Citations
19	Substantial Increase in Heavy Precipitation Events Preceded by Moist Heatwaves Over China During 1961â€“2019. Frontiers in Environmental Science, 0, 10, .	3.3	3