

Jianyao Chen

List of Publications by Year in descending order

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Version: 2024-02-01

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

#	ARTICLE	IF	CITATIONS
19	Substantial Increase in Heavy Precipitation Events Preceded by Moist Heatwaves Over China During 1961–2019. <i>Frontiers in Environmental Science</i> , 0, 10, .	3.3	3