

Jianyu Liu

List of Publications by Year in descending order

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papers

918
citations

471509

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932
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. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	22
2	Attribution of NDVI Dynamics over the Globe from 1982 to 2015. <i>Remote Sensing</i> , 2022, 14, 2706.	4.0	11
3	Detection and Attribution of Human Influence on the Global Diurnal Temperature Range Decline. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	3
4	The Roles of Catchment Characteristics in Precipitation Partitioning Within the Budyko Framework. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035168.	3.3	7
5	Impacts of <sc>El Niño</sc>â€‘southern oscillation on global runoff: Characteristic signatures and potential mechanisms. <i>Hydrological Processes</i> , 2021, 35, e14367.	2.6	7
6	Attribution of streamflow changes across the globe based on the Budyko framework. <i>Science of the Total Environment</i> , 2021, 794, 148662.	8.0	18
7	A long-term perspective of hydroclimatological impacts of tropical cyclones on regional heavy precipitation over eastern monsoon China. <i>Atmospheric Research</i> , 2021, 264, 105862.	4.1	10
8	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
9	Response of global land evapotranspiration to climate change, elevated CO2, and land use change. <i>Agricultural and Forest Meteorology</i> , 2021, 311, 108663.	4.8	39
10	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
11	Contributions of Anthropogenic Forcings to Evapotranspiration Changes Over 1980â€‘2020 Using GLEAM and CMIP6 Simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035367.	3.3	14
12	Contributions of Global Warming and Urbanization to the Intensification of Humanâ€‘Perceived Heatwaves Over China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032175.	3.3	50
13	Impacts of anthropogenic warming and uneven regional socio-economic development on global river flood risk. <i>Journal of Hydrology</i> , 2020, 590, 125262.	5.4	29
14	The changing nature and projection of floods across Australia. <i>Journal of Hydrology</i> , 2020, 584, 124703.	5.4	16
15	A global quantitation of factors affecting evapotranspiration variability. <i>Journal of Hydrology</i> , 2020, 584, 124688.	5.4	25
16	Global Attribution of Runoff Variance Across Multiple Timescales. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 13962-13974.	3.3	21
17	Attribution of Global Soil Moisture Drying to Human Activities: A Quantitative Viewpoint. <i>Geophysical Research Letters</i> , 2019, 46, 2573-2582.	4.0	72
18	Intensification and Expansion of Soil Moisture Drying in Warm Season Over Eurasia Under Global Warming. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 3765-3782.	3.3	35

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19	Spatio-temporal changes and their relationship in water resources and agricultural disasters across China. <i>Hydrological Sciences Journal</i> , 2019, 64, 490-505.	2.6	4
20	Hydrological effects of climate variability and vegetation dynamics on annual fluvial water balance in global large river basins. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 4047-4060.	4.9	48
21	Investigating Relationships Between Australian Flooding and Large-scale Climate Indices and Possible Mechanism. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 8708-8723.	3.3	28
22	Contribution of multiple climatic variables and human activities to streamflow changes across China. <i>Journal of Hydrology</i> , 2017, 545, 145-162.	5.4	134
23	Hydrological responses to climatic changes in the Yellow River basin, China: Climatic elasticity and streamflow prediction. <i>Journal of Hydrology</i> , 2017, 554, 635-645.	5.4	55
24	Deducing Climatic Elasticity to Assess Projected Climate Change Impacts on Streamflow Change across China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 10,228.	3.3	20
25	Multi-temporal clustering of continental floods and associated atmospheric circulations. <i>Journal of Hydrology</i> , 2017, 555, 744-759.	5.4	27
26	Nonstationarity and clustering of flood characteristics and relations with the climate indices in the Poyang Lake basin, China. <i>Hydrological Sciences Journal</i> , 2017, 62, 1809-1824.	2.6	18
27	Decreased Streamflow in the Yellow River Basin, China: Climate Change or Human-induced?. <i>Water (Switzerland)</i> , 2017, 9, 116.	2.7	34
28	Evaluation of impacts of climate change and human activities on streamflow in the Poyang Lake basin, China. <i>Hydrological Processes</i> , 2016, 30, 2562-2576.	2.6	91
29	Spatiotemporal properties of droughts and related impacts on agriculture in Xinjiang, China. <i>International Journal of Climatology</i> , 2015, 35, 1254-1266.	3.5	65
30	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