

Jianyu Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6295749/publications.pdf>

Version: 2024-02-01

30
papers

918
citations

471509

17
h-index

477307

29
g-index

31
all docs

31
docs citations

31
times ranked

932
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Attribution of Global Soil Moisture Drying to Human Activities: A Quantitative Viewpoint. <i>Geophysical Research Letters</i> , 2019, 46, 2573-2582. | 4.0 | 72 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Decreased Streamflow in the Yellow River Basin, China: Climate Change or Human-Induced?. <i>Water (Switzerland)</i> , 2017, 9, 116. | 2.7 | 34 |
| 11 | 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 |
| 12 | 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 |
| 13 | Multi-temporal clustering of continental floods and associated atmospheric circulations. <i>Journal of Hydrology</i> , 2017, 555, 744-759. | 5.4 | 27 |
| 14 | A global quantitation of factors affecting evapotranspiration variability. <i>Journal of Hydrology</i> , 2020, 584, 124688. | 5.4 | 25 |
| 15 | 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 |
| 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 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | The changing nature and projection of floods across Australia. <i>Journal of Hydrology</i> , 2020, 584, 124703. | 5.4 | 16 |
| 21 | 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 |
| 22 | Attribution of NDVI Dynamics over the Globe from 1982 to 2015. <i>Remote Sensing</i> , 2022, 14, 2706. | 4.0 | 11 |
| 23 | 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 |
| 24 | 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 |
| 25 | Impacts of El Niño–southern oscillation on global runoff: Characteristic signatures and potential mechanisms. <i>Hydrological Processes</i> , 2021, 35, e14367. | 2.6 | 7 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | Detection and Attribution of Human Influence on the Global Diurnal Temperature Range Decline. <i>Geophysical Research Letters</i> , 2022, 49, . | 4.0 | 3 |
| 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 |