

# Jianhui Wei

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

451  
citations

623188

14  
h-index

794141

19  
g-index

35  
all docs

35  
docs citations

35  
times ranked

410  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Convection-permitting fully coupled WRF-Hydro ensemble simulations in high mountain environment: impact of boundary layer- and lateral flow parameterizations on land-atmosphere interactions. <i>Climate Dynamics</i> , 2022, 59, 1355-1376. | 1.7 | 17        |
| 2  | Simulation of an Extreme Precipitation Event Using Ensemble-Based WRF Model in the Southeastern Coastal Region of China. <i>Atmosphere</i> , 2022, 13, 194.   | 1.0 | 3         |
| 3  | Lagged influence of ENSO regimes on droughts over the Poyang Lake basin, China. <i>Atmospheric Research</i> , 2022, 275, 106218.  | 1.8 | 6         |
| 4  | Model Estimates of China's Terrestrial Water Storage Variation Due To Reservoir Operation. <i>Water Resources Research</i> , 2022, 58, .  | 1.7 | 20        |
| 5  | Performance of the WRF model in simulating intense precipitation events over the Hanjiang River Basin, China – A multi-physics ensemble approach. <i>Atmospheric Research</i> , 2021, 248, 105206.  | 1.8 | 23        |
| 6  | Lateral terrestrial water flow contribution to summer precipitation at continental scale – A comparison between Europe and West Africa with WRF-Hydro tag ensembles. <i>Hydrological Processes</i> , 2021, 35, e14183.                        | 1.1 | 17        |
| 7  | To bias correct or not to bias correct? An agricultural impact modelers' perspective on regional climate model data. <i>Agricultural and Forest Meteorology</i> , 2021, 304-305, 108406.  | 1.9 | 31        |
| 8  | Associated atmospheric mechanisms for the increased cold season precipitation over the Three-River Headwaters region from the late 1980s. <i>Journal of Climate</i> , 2021, , 1.  | 1.2 | 5         |
| 9  | Role of reservoir regulation and groundwater feedback in a simulated ground-soil-vegetation continuum: A long-term regional scale analysis. <i>Hydrological Processes</i> , 2021, 35, e14341.   | 1.1 | 8         |
| 10 | A High-Resolution Regional Climate Model Physics Ensemble for Northern Sub-Saharan Africa. <i>Frontiers in Earth Science</i> , 2021, 9, .   | 0.8 | 7         |
| 11 | A joint soil-vegetation-atmospheric modeling procedure of water isotopologues: Implementation and application to different climate zones with WRF-Hydro-iso. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2021MS002562.  | 1.3 | 2         |
| 12 | Does non-stationarity of extreme precipitation exist in the Poyang Lake Basin of China?. <i>Journal of Hydrology: Regional Studies</i> , 2021, 37, 100920.  | 1.0 | 9         |
| 13 | Contributions of climate change and human activities to runoff variations in the Poyang Lake Basin of China. <i>Physics and Chemistry of the Earth</i> , 2021, 123, 103019.   | 1.2 | 25        |
| 14 | Evidence of elevation-dependent warming from the Chinese Tian Shan. <i>Cryosphere</i> , 2021, 15, 5765-5783.  | 1.5 | 14        |
| 15 | Diurnal cycle of surface energy fluxes in high mountain terrain: High-resolution fully coupled atmosphere-hydrology modelling and impact of lateral flow. <i>Hydrological Processes</i> , 2021, 35, .   | 1.1 | 7         |
| 16 | Evaluation of ERA-Interim Air Temperature Data over the Qilian Mountains of China. <i>Advances in Meteorology</i> , 2020, 2020, 1-11.   | 0.6 | 13        |
| 17 | Water resources management in a reservoir-regulated basin: Implications of reservoir network layout on streamflow and hydrologic alteration. <i>Journal of Hydrology</i> , 2020, 586, 124903.   | 2.3 | 20        |
| 18 | A Joint Soil-Vegetation-Atmospheric Water Tagging Procedure With WRF-Hydro: Implementation and Application to the Case of Precipitation Partitioning in the Upper Danube River Basin. <i>Water Resources Research</i> , 2019, 55, 6217-6243.  | 1.7 | 30        |

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|----|---|-----|-----------|
| 19 | Climate-induced hydrological impact mitigated by a high-density reservoir network in the Poyang Lake Basin. <i>Journal of Hydrology</i> , 2019, 579, 124148.  | 2.3 | 25        |
| 20 | Using phase lags to evaluate model biases in simulating the diurnal cycle of evapotranspiration: a case study in Luxembourg. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 515-535.                          | 1.9 | 21        |
| 21 | A high-resolution air temperature data set for the Chinese Tian Shan in 1979â€“2016. <i>Earth System Science Data</i> , 2018, 10, 2097-2114.  | 3.7 | 31        |
| 22 | Atmospheric residence times from transpiration and evaporation to precipitation: An age-weighted regional evaporation tagging approach. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 6841-6862. | 1.2 | 19        |
| 23 | Evaporation tagging and atmospheric water budget analysis with WRF: A regional precipitation recycling study for West Africa. <i>Water Resources Research</i> , 2016, 52, 1544-1567.                                  | 1.7 | 41        |
| 24 | Contribution of transpiration and evaporation to precipitation: An ET-tagging study for the Poyang Lake region in Southeast China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 6845-6864.      | 1.2 | 27        |
| 25 | To Identify the Important Soil Properties Affecting Dinoseb Adsorption with Statistical Analysis. <i>Scientific World Journal</i> , The, 2013, 2013, 1-7.   | 0.8 | 6         |
| 26 | How Well Does the ERA5 Reanalysis Capture the Extreme Climate Events Over China? Part I: Extreme Precipitation. <i>Frontiers in Environmental Science</i> , 0, 10, .  | 1.5 | 16        |
| 27 | How Well Does the ERA5 Reanalysis Capture the Extreme Climate Events Over China? Part II: Extreme Temperature. <i>Frontiers in Environmental Science</i> , 0, 10, .   | 1.5 | 6         |