

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	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
2	To bias correct or not to bias correct? An agricultural impact modelersâ€™ perspective on regional climate model data. <i>Agricultural and Forest Meteorology</i> , 2021, 304-305, 108406.	1.9	31
3	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
4	A Joint Soilâ€“Vegetationâ€“Atmospheric Water Tagging Procedure With WRFâ€“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
5	Contribution of transpiration and evaporation to precipitation: An ETâ€“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
6	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
7	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
8	Performance of the WRF model in simulating intense precipitation events over the Hanjiang River Basin, China â€“ A multi-physics ensemble approach. <i>Atmospheric Research</i> , 2021, 248, 105206.	1.8	23
9	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
10	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
11	Model Estimates of China's Terrestrial Water Storage Variation Due To Reservoir Operation. <i>Water Resources Research</i> , 2022, 58, .	1.7	20
12	Atmospheric residence times from transpiration and evaporation to precipitation: An ageâ€“weighted regional evaporation tagging approach. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 6841-6862.	1.2	19
13	Lateral terrestrial water flow contribution to summer precipitation at continental scale â€“ A comparison between Europe and West Africa with <sc>WRFâ€“Hydro</sc>â€“tag ensembles. <i>Hydrological Processes</i> , 2021, 35, e14183.	1.1	17
14	Convection-permitting fully coupled WRF-Hydro ensemble simulations in high mountain environment: impact of boundary layer- and lateral flow parameterizations on landâ€“atmosphere interactions. <i>Climate Dynamics</i> , 2022, 59, 1355-1376.	1.7	17
15	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
16	Evidence of elevation-dependent warming from the Chinese Tian Shan. <i>Cryosphere</i> , 2021, 15, 5765-5783.	1.5	14
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Role of reservoir regulation and groundwater feedback in a simulated groundâ€soilâ€vegetation continuum: A longâ€term regional scale analysis. Hydrological Processes, 2021, 35, e14341.	1.1	8
20	A High-Resolution Regional Climate Model Physics Ensemble for Northern Sub-Saharan Africa. Frontiers in Earth Science, 2021, 9, .	0.8	7
21	Diurnal cycle of surface energy fluxes in high mountain terrain: Highâ€resolution fully coupled atmosphereâ€hydrology modelling and impact of lateral flow. Hydrological Processes, 2021, 35, .	1.1	7
22	To Identify the Important Soil Properties Affecting Dinoseb Adsorption with Statistical Analysis. Scientific World Journal, The, 2013, 2013, 1-7.	0.8	6
23	Lagged influence of ENSO regimes on droughts over the Poyang Lake basin, China. Atmospheric Research, 2022, 275, 106218.	1.8	6
24	How Well Does the ERA5 Reanalysis Capture the Extreme Climate Events Over China? Part II: Extreme Temperature. Frontiers in Environmental Science, 0, 10, .	1.5	6
25	Associated atmospheric mechanisms for the increased cold season precipitation over the Three-River Headwaters region from the late 1980s. Journal of Climate, 2021, , 1.	1.2	5
26	Simulation of an Extreme Precipitation Event Using Ensemble-Based WRF Model in the Southeastern Coastal Region of China. Atmosphere, 2022, 13, 194.	1.0	3
27	A joint soilâ€vegetationâ€atmospheric modeling procedure of water isotopologues: Implementation and application to different climate zones with WRFâ€Hydroâ€iso. Journal of Advances in Modeling Earth Systems, 2021, 13, e2021MS002562.	1.3	2