

Tinghai Ou

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,397
citations

430874

18
h-index

345221

36
g-index

41
all docs

41
docs citations

41
times ranked

1856
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrological response to future climate changes for the major upstream river basins in the Tibetan Plateau. <i>Global and Planetary Change</i> , 2016, 136, 82-95.	3.5	188
2	Impact of model resolution on simulating the water vapor transport through the central Himalayas: implication for models' wet bias over the Tibetan Plateau. <i>Climate Dynamics</i> , 2018, 51, 3195-3207.	3.8	117
3	Interannual teleconnections between the summer North Atlantic Oscillation and the East Asian summer monsoon. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	104
4	Recent recovery of the Siberian High intensity. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	100
5	Spatial interpolation of daily precipitation in China: 1951-2005. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 1221-1232.	4.3	98
6	Effects of soil erosion on long-term soil productivity in the black soil region of northeastern China. <i>Catena</i> , 2011, 87, 268-275.	5.0	79
7	Simulation of summer precipitation diurnal cycles over the Tibetan Plateau at the gray-zone grid spacing for cumulus parameterization. <i>Climate Dynamics</i> , 2020, 54, 3525-3539.	3.8	75
8	Evaluation of global climate models in simulating extreme precipitation in China. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 65, 19799.	1.7	69
9	ENSO modulates wildfire activity in China. <i>Nature Communications</i> , 2021, 12, 1764.	12.8	69
10	Evaluation of global climate models for downscaling applications centred over the Tibetan Plateau. <i>International Journal of Climatology</i> , 2017, 37, 657-671.	3.5	50
11	Regionalization of Seasonal Precipitation over the Tibetan Plateau and Associated Large-Scale Atmospheric Systems. <i>Journal of Climate</i> , 2021, 34, 2635-2651.	3.2	33
12	The relationship between birch pollen, air pollution and weather types and their effect on antihistamine purchase in two Swedish cities. <i>Aerobiologia</i> , 2017, 33, 457-471.	1.7	31
13	Development and Evaluation of an Ensemble-Based Data Assimilation System for Regional Reanalysis Over the Tibetan Plateau and Surrounding Regions. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 2503-2522.	3.8	31
14	Exploring teleconnections between the summer NAO (SNAO) and climate in East Asia over the last four centuries - A tree-ring perspective. <i>Dendrochronologia</i> , 2013, 31, 297-310.	2.2	26
15	Earlier occurrence and increased explanatory power of climate for the first incidence of potato late blight caused by <i>Phytophthora infestans</i> in Fennoscandia. <i>PLoS ONE</i> , 2017, 12, e0177580.	2.5	26
16	A climatology of surface-air temperature difference over the Tibetan Plateau: Results from multi-source reanalyses. <i>International Journal of Climatology</i> , 2020, 40, 6080-6094.	3.5	25
17	Oceanic and atmospheric modes in the Pacific and Atlantic Oceans since the Little Ice Age (LIA): Towards a synthesis. <i>Quaternary Science Reviews</i> , 2019, 215, 293-307.	3.0	21
18	General overestimation of ERA5 precipitation in flow simulations for High Mountain Asia basins. <i>Environmental Research Communications</i> , 2021, 3, 121003.	2.3	21

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19	Changes in winter cold surges over Southeast China: 1961 to 2012. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2015, 51, 29-37.	2.3	19
20	Effects of cumulus parameterization and land-surface hydrology schemes on Tibetan Plateau climate simulation during the wet season: insights from the RegCM4 model. <i>Climate Dynamics</i> , 2021, 57, 1853-1879.	3.8	18
21	Synchronous multi-decadal climate variability of the whole Pacific areas revealed in tree rings since 1567. <i>Environmental Research Letters</i> , 2018, 13, 024016.	5.2	17
22	The performance of CORDEX-EA-II simulations in simulating seasonal temperature and elevation-dependent warming over the Tibetan Plateau. <i>Climate Dynamics</i> , 2021, 57, 1135-1153.	3.8	17
23	Satellite measurements reveal strong anisotropy in spatial coherence of climate variations over the Tibet Plateau. <i>Scientific Reports</i> , 2016, 6, 30304.	3.3	16
24	Intensified variability of the El Niño–Southern Oscillation enhances its modulations on tree growths in southeastern China over the past 218 years. <i>International Journal of Climatology</i> , 2018, 38, 5293-5304.	3.5	16
25	The Amplified Arctic Warming in the Recent Decades may Have Been Overestimated by CMIP5 Models. <i>Geophysical Research Letters</i> , 2019, 46, 13338-13345.	4.0	15
26	Elevation-Dependent Warming Over the Tibetan Plateau From an Ensemble of CORDEX-EA Regional Climate Simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033997.	3.3	15
27	Projecting future local precipitation and its extremes for sweden. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2015, 97, 25-39.	1.5	14
28	Hydroclimate changes over Sweden in the twentieth and twenty-first centuries: a millennium perspective. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2021, 103, 103-131.	1.5	13
29	Summary of a workshop on extreme weather events in a warming world organized by the Royal Swedish Academy of Sciences. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 72, 1794236.	1.6	11
30	Tree-ring recorded variations of 10 heavy metal elements over the past 168 years in southeastern China. <i>Elementa</i> , 2021, 9, .	3.2	10
31	Summer afternoon precipitation associated with wind convergence near the Himalayan glacier fronts. <i>Atmospheric Research</i> , 2021, 259, 105658.	4.1	10
32	A tree-ring $\delta^{18}O$ based reconstruction of East Asia summer monsoon over the past two centuries. <i>PLoS ONE</i> , 2020, 15, e0234421.	2.5	9
33	Hydrological evaluation of high-resolution precipitation estimates from the WRF model in the Third Pole river basins. <i>Journal of Hydrometeorology</i> , 2021, , .	1.9	7
34	Summer regional climate simulations over Tibetan Plateau: from gray zone to convection permitting scale. <i>Climate Dynamics</i> , 2023, 60, 301-322.	3.8	6
35	Winter hoar frost conditions on Swedish roads in a warming climate. <i>International Journal of Climatology</i> , 2018, 38, 4345-4354.	3.5	5
36	A new perspective on solar dimming over the Tibetan Plateau. <i>International Journal of Climatology</i> , 2019, 39, 302-316.	3.5	5

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37	The influence of large-scale circulation on the summer hydrological cycle in the Haihe River basin of China. <i>Journal of Meteorological Research</i> , 2011, 25, 517-526.	1.0	3
38	Influences of large- and regional-scale climate on fish recruitment in the Skagerrakâ€“Kattegat over the last century. <i>Journal of Marine Systems</i> , 2014, 134, 1-11.	2.1	3
39	Different responses of the radial growth of the planted and natural forests to climate change in humid subtropical China. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2020, 102, 235-246.	1.5	3
40	On the relationship between the risk of hoar frost on roads and a changing climate in Sweden. <i>International Journal of Climatology</i> , 2019, 39, 2601-2611.	3.5	2