

Jie Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

477
citations

686830

13
h-index

752256

20
g-index

32
all docs

32
docs citations

32
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	Increase of Extreme Drought over Ethiopia under Climate Warming. <i>Advances in Meteorology</i> , 2019, 2019, 1-18.	0.6	78
2	Extreme drought in the recent two decades in northern China resulting from Eurasian warming. <i>Climate Dynamics</i> , 2019, 52, 2885-2902.	1.7	60
3	Decadal variability of droughts and floods in the Yellow River basin during the last five centuries and relations with the North Atlantic <sc>SST</sc>. <i>International Journal of Climatology</i> , 2013, 33, 3217-3228.	1.5	37
4	A Tripole Pattern of Summertime Rainfall and the Teleconnections Linking Northern China to the Indian Subcontinent. <i>Journal of Climate</i> , 2019, 32, 3637-3653.	1.2	22
5	Reduced soil moisture contributes to more intense and more frequent heat waves in northern China. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 1197-1207.	1.9	21
6	Impact of the Eastward Shift in the Negative Phase NAO on Extreme Drought Over Northern China in Summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032019.	1.2	18
7	The modulation of Tibetan Plateau heating on the multi-scale northernmost margin activity of East Asia summer monsoon in northern China. <i>Global and Planetary Change</i> , 2018, 161, 149-161.	1.6	17
8	Spatiotemporal variability of summer precipitation and precipitation extremes and associated large-scale mechanisms in Central Asia during 1979-2018. <i>Journal of Hydrology X</i> , 2020, 8, 100061.	0.8	17
9	North Atlantic Multidecadal Variability Enhancing Decadal Extratropical Extremes in Boreal Late Summer in the Early Twenty-First Century. <i>Journal of Climate</i> , 2020, 33, 6047-6064.	1.2	15
10	Ensemble retrieval of atmospheric temperature profiles from AIRS. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 559-569.	1.9	14
11	Summer droughts in the northern Yellow River basin in association with recent Arctic ice loss. <i>International Journal of Climatology</i> , 2015, 35, 2849-2859.	1.5	14
12	The characteristics of late summer extreme precipitation in northern China and associated large-scale circulations. <i>International Journal of Climatology</i> , 2020, 40, 5170-5187.	1.5	14
13	A mechanism of spring Barents Sea ice effect on the extreme summer droughts in northeastern China. <i>Climate Dynamics</i> , 2022, 58, 1033-1048.	1.7	14
14	Long-term trend of water vapor over the Tibetan Plateau in boreal summer under global warming. <i>Science China Earth Sciences</i> , 2022, 65, 662-674.	2.3	14
15	Retrieval of the land surface-air temperature difference from high spatial resolution satellite observations over complex surfaces in the Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 8065-8079.	1.2	13
16	Impact of Nonuniform Land Surface Warming on Summer Anomalous Extratropical Cyclone Activity Over East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 10306-10320.	1.2	13
17	Role of Local Atmospheric Forcing and Land-Atmosphere Interaction in Recent Land Surface Warming in the Midlatitudes over East Asia. <i>Journal of Climate</i> , 2020, 33, 2295-2309.	1.2	13
18	Prolonged dry spells in recent decades over north-central China and their association with a northward shift in planetary waves. <i>International Journal of Climatology</i> , 2015, 35, 4829-4842.	1.5	12

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19	Double-mode adjustment of Tibetan Plateau heating to the summer circumglobal teleconnection in the Northern Hemisphere. <i>International Journal of Climatology</i> , 2018, 38, 663-676.	1.5	12
20	Northward shift in circulation system over the Asian mid-latitudes linked to an increasing heating anomaly over the northern Tibetan Plateau during the past two decades. <i>International Journal of Climatology</i> , 2017, 37, 834-848.	1.5	10
21	Aerosol impact and correction on temperature profile retrieval from MODIS. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	9
22	Effects of Nonuniform Land Surface Warming on Summer Anomalous Extratropical Cyclone Activity and the East Asian Summer Monsoon: Numerical Experiments with a Regional Climate Model. <i>Journal of Climate</i> , 2020, 33, 10469-10488.	1.2	8
23	Variations in July extreme precipitation in Henan Province and the related mechanisms. <i>International Journal of Climatology</i> , 2022, 42, 9115-9130.	1.5	6
24	Multi-timescale modulation of North Pacific Victoria mode on Central Asian vortices causing heavy snowfall. <i>Climate Dynamics</i> , 2023, 60, 687-704.	1.7	5
25	Aerosol structure and vertical distribution in a multi-source dust region. <i>Journal of Environmental Sciences</i> , 2012, 24, 1466-1475.	3.2	4
26	Increasing warm-season precipitation in Asian drylands and response to reducing spring snow cover over the Tibetan Plateau. <i>Journal of Climate</i> , 2021, , 1-69.	1.2	4
27	Skill Assessment of North American Multi-Models Ensemble (NMME) for June-September (JJAS) Seasonal Rainfall over Ethiopia. <i>Atmospheric and Climate Sciences</i> , 2022, 12, 54-73.	0.1	4
28	Modulation of coupled modes of Tibetan Plateau heating and Indian Summer Monsoon on summer rainfall over Central Asia. <i>Journal of Climate</i> , 2021, , 1-54.	1.2	3
29	Observed and Future Spatiotemporal Changes of Rainfall Extreme Characteristics and Their Dynamic Driver in June-August Season over Africa. <i>Atmospheric and Climate Sciences</i> , 2022, 12, 358-382.	0.1	3
30	Seasonal and Regional Variability of Long-Wave Effective Radiation in China and Associated Modulating Factors. <i>Advances in Meteorology</i> , 2020, 2020, 1-15.	0.6	1
31	Synergy Effects of the Indian Summer Monsoon and the Tibetan Plateau Heating on Summer Rainfall over North China. <i>Advances in Meteorology</i> , 2020, 2020, 1-16.	0.6	1
32	Increasing energy transfer over Eurasia and the North Atlantic enhancing the Eurasian low-frequency wave and boreal summer droughts in China. <i>International Journal of Climatology</i> , 2021, 41, 1649-1666.	1.5	1