

Jing Yang

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,713
citations

236925

25
h-index

189892

50
g-index

56
all docs

56
docs citations

56
times ranked

2420
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-scale climate variability of the South China Sea monsoon: A review. <i>Dynamics of Atmospheres and Oceans</i> , 2009, 47, 15-37.	1.8	293
2	Influence of meteorological conditions on PM2.5 concentrations across China: A review of methodology and mechanism. <i>Environment International</i> , 2020, 139, 105558.	10.0	281
3	Interdecadal Changes in the Major Modes of Asian–Australian Monsoon Variability: Strengthening Relationship with ENSO since the Late 1970s*. <i>Journal of Climate</i> , 2008, 21, 1771-1789.	3.2	229
4	Extreme drought event of 2009/2010 over southwestern China. <i>Meteorology and Atmospheric Physics</i> , 2012, 115, 173-184.	2.0	202
5	Biweekly and 21–30-Day Variations of the Subtropical Summer Monsoon Rainfall over the Lower Reach of the Yangtze River Basin. <i>Journal of Climate</i> , 2010, 23, 1146-1159.	3.2	166
6	Spring Arctic Oscillation–East Asian summer monsoon connection through circulation changes over the western North Pacific. <i>Climate Dynamics</i> , 2011, 37, 2199-2216.	3.8	144
7	Distinct Principal Modes of Early and Late Summer Rainfall Anomalies in East Asia*. <i>Journal of Climate</i> , 2009, 22, 3864-3875.	3.2	123
8	CAS FGOALS-f3-L Model Datasets for CMIP6 Historical Atmospheric Model Intercomparison Project Simulation. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 771-778.	4.3	109
9	Decadal changes in tropical cyclone activity over the western North Pacific in the late 1990s. <i>Climate Dynamics</i> , 2015, 45, 3317-3329.	3.8	87
10	A multi-time scale Australian monsoon index. <i>International Journal of Climatology</i> , 2010, 30, 1114-1120.	3.5	85
11	An introduction to the coupled model FGOALS1.1-s and its performance in East Asia. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 1131-1142.	4.3	64
12	Seasonal evolution of the intraseasonal variability of China summer precipitation. <i>Climate Dynamics</i> , 2020, 54, 4641-4655.	3.8	63
13	Distinct quasi-biweekly features of the subtropical East Asian monsoon during early and late summers. <i>Climate Dynamics</i> , 2014, 42, 1469-1486.	3.8	62
14	Are Peak Summer Sultry Heat Wave Days over the Yangtze–Huaihe River Basin Predictable?. <i>Journal of Climate</i> , 2018, 31, 2185-2196.	3.2	56
15	Roles of Anomalous Tibetan Plateau Warming on the Severe 2008 Winter Storm in Central-Southern China. <i>Monthly Weather Review</i> , 2010, 138, 2375-2384.	1.4	52
16	Anticorrelated intensity change of the quasi-biweekly and 30–50-day oscillations over the South China Sea. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	51
17	Interannual linkage between Arctic/North Atlantic Oscillation and tropical Indian Ocean precipitation during boreal winter. <i>Climate Dynamics</i> , 2014, 42, 1007-1027.	3.8	41
18	How are heat waves over Yangtze River valley associated with atmospheric quasi-biweekly oscillation?. <i>Climate Dynamics</i> , 2018, 51, 4421-4437.	3.8	41

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19	A new agricultural drought monitoring index combining MODIS NDWI and dayâ€‘night land surface temperatures: a case study in China. <i>International Journal of Remote Sensing</i> , 2013, 34, 8986-9001.	2.9	37
20	Fidelity of the Observational/Reanalysis Datasets and Global Climate Models in Representation of Extreme Precipitation in East China. <i>Journal of Climate</i> , 2019, 32, 195-212.	3.2	32
21	Impact of aerosols on tropical cyclone-induced precipitation over the mainland of China. <i>Climatic Change</i> , 2018, 148, 173-185.	3.6	31
22	Roles of Synoptic to Quasi-Biweekly Disturbances in Generating the Summer 2003 Heavy Rainfall in East China. <i>Monthly Weather Review</i> , 2014, 142, 886-904.	1.4	30
23	Footprints of Atlantic Multidecadal Oscillation in the Low-Frequency Variation of Extreme High Temperature in the Northern Hemisphere. <i>Journal of Climate</i> , 2019, 32, 791-802.	3.2	30
24	An observational study of the effects of aerosols on diurnal variation of heavy rainfall and associated clouds over Beijingâ€‘Tianjinâ€‘Hebei. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5211-5229.	4.9	30
25	Characterizing two types of transient intraseasonal oscillations in the Eastern Tibetan Plateau summer rainfall. <i>Climate Dynamics</i> , 2017, 48, 1749-1768.	3.8	27
26	Unstable relationship between spring Arctic Oscillation and East Asian summer monsoon. <i>International Journal of Climatology</i> , 2014, 34, 2522-2528.	3.5	23
27	Modeled responses of summer climate to realistic land use/cover changes from the 1980s to the 2000s over eastern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 167-179.	3.3	22
28	Unusual growth in intense typhoon occurrences over the Philippine Sea in September after the mid-2000s. <i>Climate Dynamics</i> , 2017, 48, 1893-1910.	3.8	19
29	Quasi-biweekly impact of the atmospheric heat source over the Tibetan Plateau on summer rainfall in Eastern China. <i>Climate Dynamics</i> , 2019, 53, 4489-4504.	3.8	19
30	Two Types of Mid-High-Latitude Low-Frequency Intraseasonal Oscillations near the Ural Mountains during Boreal Summer. <i>Journal of Climate</i> , 2021, 34, 4279-4296.	3.2	18
31	Possible influence of Arctic oscillation on precipitation along the East Asian rain belt during boreal spring. <i>Theoretical and Applied Climatology</i> , 2017, 130, 487-495.	2.8	17
32	Lateâ€‘July Barrier for Subseasonal Forecast of Summer Daily Maximum Temperature Over Yangtze River Basin. <i>Geophysical Research Letters</i> , 2018, 45, 12,610.	4.0	17
33	Historical fidelity and future change of Amundsen Sea Low under 1.5 Â°Câ€‘4.4Â°C global warming in CMIP6. <i>Atmospheric Research</i> , 2021, 255, 105533.	4.1	17
34	Effect of horizontal resolution on the simulation of tropical cyclones in the Chinese Academy of Sciences FGOALS-f3 climate system model. <i>Geoscientific Model Development</i> , 2021, 14, 6113-6133.	3.6	17
35	Roles of the Tropical/Extratropical Intraseasonal Oscillations on Generating the Heat Wave Over Yangtze River Valley: A Numerical Study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 3110-3123.	3.3	15
36	Intraseasonal responses of the East Asia summer rainfall to anthropogenic aerosol climate forcing. <i>Climate Dynamics</i> , 2018, 51, 3985-3998.	3.8	14

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37	Extended-range prediction of a heat wave event over the Yangtze River Valley: role of intraseasonal signals. <i>Atmospheric and Oceanic Science Letters</i> , 2019, 12, 451-457.	1.3	14
38	The tropical intraseasonal oscillation in SAMIL coupled and uncoupled general circulation models. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 529-543.	4.3	12
39	Convective/Large-scale Rainfall Partitions of Tropical Heavy Precipitation in CMIP6 Atmospheric Models. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1020-1027.	4.3	11
40	The East Asia-western North Pacific boreal summer intraseasonal oscillation simulated in GAMIL 1.1.1. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 480-492.	4.3	10
41	Boreal winter Arctic Oscillation as an indicator of summer SST anomalies over the western tropical Indian Ocean. <i>Climate Dynamics</i> , 2017, 48, 2471-2488.	3.8	10
42	Estimation of aerosol properties over the Chinese desert region with MODIS AOD assimilation in a global model. <i>Advances in Climate Change Research</i> , 2016, 7, 90-98.	5.1	9
43	Intraseasonal Variation of the Black Carbon Aerosol Concentration and Its Impact on Atmospheric Circulation Over the Southeastern Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 10,881.	3.3	9
44	Extreme hot days over three global mega-regions: Historical fidelity and future projection. <i>Atmospheric Science Letters</i> , 2020, 21, e1003.	1.9	9
45	Is there a linkage between the tropical cyclone activity in the southern Indian Ocean and the Antarctic Oscillation?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8519-8535.	3.3	8
46	Dynamical and Machine Learning Hybrid Seasonal Prediction of Summer Rainfall in China. <i>Journal of Meteorological Research</i> , 2021, 35, 583-593.	2.4	8
47	Intensified eastward and northward propagation of tropical intraseasonal oscillation over the equatorial Indian Ocean in a global warming scenario. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 167-174.	4.3	7
48	Shift of daily rainfall peaks over the Beijing-Tianjin-Hebei region: An indication of pollutant effects?. <i>International Journal of Climatology</i> , 2018, 38, 5010-5019.	3.5	7
49	Intensified reduction in summertime light rainfall over mountains compared with plains in Eastern China. <i>Climatic Change</i> , 2010, 100, 807-815.	3.6	6
50	Trends in the Frequency of High Relative Humidity over China: 1979-2012*. <i>Journal of Climate</i> , 2015, 28, 9816-9837.	3.2	6
51	Is the Antarctic oscillation trend during the recent decades unusual?. <i>Antarctic Science</i> , 2014, 26, 445-451.	0.9	5
52	Spring Arctic Oscillation-western North Pacific connection in CMIP5 models. <i>International Journal of Climatology</i> , 2016, 36, 2093-2102.	3.5	5
53	Causation inference in complicated atmospheric environment. <i>Environmental Pollution</i> , 2022, 303, 119057.	7.5	5
54	Interannual modulation of East African early short rains by the winter Arctic Oscillation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 9441-9457.	3.3	4

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55	Simulation and causes of eastern Antarctica surface cooling related to ozone depletion during austral summer in FGOALS-s2. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 1147-1156.	4.3	3