

Jian Cao

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

426
citations

840776

11
h-index

752698

20
g-index

26
all docs

26
docs citations

26
times ranked

587
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Predicting Changes in the Land Monsoon Rainfall a Decade in Advance. <i>Journal of Climate</i> , 2018, 31, 2699-2714.	3.2	55
2	Agreement between reconstructed and modeled boreal precipitation of the Last Interglacial. <i>Science Advances</i> , 2019, 5, eaax7047.	10.3	46
3	Development of Climate and Earth System Models in China: Past Achievements and New CMIP6 Results. <i>Journal of Meteorological Research</i> , 2020, 34, 1-19.	2.4	46
4	Understanding of the Effect of Climate Change on Tropical Cyclone Intensity: A Review. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 205-221.	4.3	32
5	What Caused the Unprecedented Absence of Western North Pacific Tropical Cyclones in July 2020?. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092282.	4.0	31
6	GPR30 activation improves memory and facilitates DHPG-induced LTD in the hippocampal CA3 of middle-aged mice. <i>Neurobiology of Learning and Memory</i> , 2018, 149, 10-19.	1.9	30
7	Attribution of the Last Glacial Maximum climate formation. <i>Climate Dynamics</i> , 2019, 53, 1661-1679.	3.8	25
8	Major modes of short-term climate variability in the newly developed NUIST Earth System Model (NESM). <i>Advances in Atmospheric Sciences</i> , 2015, 32, 585-600.	4.3	24
9	Improved historical simulation by enhancing moist physical parameterizations in the climate system model NESM3.0. <i>Climate Dynamics</i> , 2020, 54, 3819-3840.	3.8	18
10	Unprecedented Northern Hemisphere Tropical Cyclone Genesis in 2018 Shaped by Subtropical Warming in the North Pacific and the North Atlantic. <i>Geophysical Research Letters</i> , 2019, 46, 13327-13337.	4.0	14
11	Sources of the Intermodel Spread in Projected Global Monsoon Hydrological Sensitivity. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089560.	4.0	14
12	Hemisphere-asymmetric tropical cyclones response to anthropogenic aerosol forcing. <i>Nature Communications</i> , 2021, 12, 6787.	12.8	14
13	A Statistical Intraseasonal Prediction Model of Extended Boreal Summer Western North Pacific Tropical Cyclone Genesis. <i>Journal of Climate</i> , 2022, 35, 2459-2478.	3.2	13
14	Distinct response of Northern Hemisphere land monsoon precipitation to transient and stabilized warming scenarios. <i>Advances in Climate Change Research</i> , 2020, 11, 161-171.	5.1	12
15	Improving the simulation of the climatology of the East Asian summer monsoon by coupling the Stochastic Multicloud Model to the ECHAM6.3 atmosphere model. <i>Climate Dynamics</i> , 2019, 53, 2061-2081.	3.8	11
16	Attribution of Global Monsoon Response to the Last Glacial Maximum Forcings. <i>Journal of Climate</i> , 2019, 32, 6589-6605.	3.2	10
17	Impacts of atmosphere-sea ice-ocean interaction on Southern Ocean deep convection in a climate system model. <i>Climate Dynamics</i> , 2020, 54, 4075-4093.	3.8	9
18	Interannual Variability of the Basinwide Translation Speed of Tropical Cyclones in the Western North Pacific. <i>Journal of Climate</i> , 2020, 33, 8641-8650.	3.2	8

#	ARTICLE	IF	CITATIONS
19	NUIST ESM v3 Data Submission to CMIP6. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 268-284.	4.3	5
20	Effects of a stochastic multcloud parameterization on the simulated Asian-Australian monsoon rainfall in an AGCM. <i>International Journal of Climatology</i> , 2020, 40, 2580-2598.	3.5	4
21	Meridional Migration of Eastern North Pacific Tropical Cyclogenesis: Joint Contribution of Interhemispheric Temperature Differential and ENSO. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034504.	3.3	2
22	Evaluation of Arctic Sea Ice Drift and its Relationship with Near-surface Wind and Ocean Current in Nine CMIP6 Models from China. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 903-926.	4.3	2
23	Multidecadal Changes in Zonal Displacement of Tropical Pacific MJO Variability Modulated by North Atlantic SST. <i>Journal of Climate</i> , 2022, 35, 5951-5966.	3.2	1
24	A Pattern Recognition Method Based on Modified Perception Algorithm. <i>Applied Mechanics and Materials</i> , 0, 433-435, 277-280.	0.2	0
25	Decadal Modulation of Trans-basin Variability on Extended Boreal Summer Tropical Cyclone Activity in the Tropical North Pacific and Atlantic Basins. <i>Journal of Climate</i> , 2021, , 1-49.	3.2	0