

Chuhan Lu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

285
citations

1163117

8
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	Weakened cyclones, intensified anticyclones and recent extreme cold winter weather events in Eurasia. <i>Environmental Research Letters</i> , 2012, 7, 044044.	5.2	103
2	Meteorological mechanism for a large-scale persistent severe ozone pollution event over eastern China in 2017. <i>Journal of Environmental Sciences</i> , 2020, 92, 187-199.	6.1	63
3	A modified algorithm for identifying and tracking extratropical cyclones. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 909-924.	4.3	19
4	A mask R-CNN model for reidentifying extratropical cyclones based on quasi-supervised thought. <i>Scientific Reports</i> , 2020, 10, 15011.	3.3	19
5	The seasonal cycle of interhemispheric oscillations in mass field of the global atmosphere. <i>Science Bulletin</i> , 2008, 53, 3226-3234.	9.0	14
6	Seasonality of interannual inter-hemispheric oscillations over the past five decades. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 1043-1050.	4.3	11
7	Recent Intensified Winter Coldness in the Mid-High Latitudes of Eurasia and Its Relationship with Daily Extreme Low Temperature Variability. <i>Advances in Meteorology</i> , 2016, 2016, 1-11.	1.6	11
8	Dynamical connection between the stratospheric Arctic vortex and sea surface temperatures in the North Atlantic. <i>Climate Dynamics</i> , 2019, 53, 6979-6993.	3.8	11
9	Multi-scale cyclone activity in the Changjiang River–Huaihe River valleys during spring and its relationship with rainfall anomalies. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 246-257.	4.3	8
10	Interhemispheric atmospheric mass oscillation and its relation to interannual variations of the Asian monsoon in boreal summer. <i>Science China Earth Sciences</i> , 2010, 53, 1343-1350.	5.2	7
11	Month-to-Month Variability of Autumn Sea Ice in the Barents and Kara Seas and Its Relationship to Winter Air Temperature in China. <i>Advances in Meteorology</i> , 2019, 2019, 1-13.	1.6	7
12	An unusual high ozone event over the North and Northeast China during the record-breaking summer in 2018. <i>Journal of Environmental Sciences</i> , 2021, 104, 264-276.	6.1	6
13	Detecting the relationship between summer rainfall anomalies in eastern china and the SSTA in the global domain with a new significance test method. <i>Journal of Ocean University of China</i> , 2009, 8, 15-22.	1.2	2
14	An Objective Identification Method for Wintertime Cold Fronts in Eurasia. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1695-1705.	4.3	2
15	Winter anticyclone activities in Siberia and their relationship to the regional temperature anomaly. <i>International Journal of Climatology</i> , 2022, 42, 6293-6310.	3.5	2
16	On the Interrelation between Spring Bihemispheric Circulations at Middle and High Latitudes. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 1371-1380.	4.3	0
17	Cold Waves in East China and Their Response to Two Types of Arctic Amplification. <i>Atmosphere</i> , 2020, 11, 612.	2.3	0
18	Sources of Forecast Errors for Rainstorms in the South China Monsoon Region. <i>Advances in Meteorology</i> , 2022, 2022, 1-11.	1.6	0