

Lei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

675
citations

687363

13
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

1078
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodel climate and variability of the stratosphere. Journal of Geophysical Research, 2011, 116, .	3.3	139
2	A robust empirical seasonal prediction of winter NAO and surface climate. Scientific Reports, 2017, 7, 279.	3.3	120
3	Predicting Summer Arctic Sea Ice Concentration Intraseasonal Variability Using a Vector Autoregressive Model*. Journal of Climate, 2016, 29, 1529-1543.	3.2	60
4	Temperature trends in the tropical upper troposphere and lower stratosphere: Connections with sea surface temperatures and implications for water vapor and ozone. Journal of Geophysical Research D: Atmospheres, 2013, 118, 9658-9672.	3.3	47
5	The Impact of Ozone-Depleting Substances on Tropical Upwelling, as Revealed by the Absence of Lower-Stratospheric Cooling since the Late 1990s. Journal of Climate, 2017, 30, 2523-2534.	3.2	36
6	Arctic Sea Ice Seasonal Prediction by a Linear Markov Model. Journal of Climate, 2016, 29, 8151-8173.	3.2	35
7	Week 3-4 predictability over the United States assessed from two operational ensemble prediction systems. Climate Dynamics, 2019, 52, 5861-5875.	3.8	33
8	Seasonal variation of ozone in the tropical lower stratosphere: Southern tropics are different from northern tropics. Journal of Geophysical Research D: Atmospheres, 2014, 119, 6196-6206.	3.3	30
9	Large Impacts, Past and Future, of Ozone-Depleting Substances on Brewer-Dobson Circulation Trends: A Multimodel Assessment. Journal of Geophysical Research D: Atmospheres, 2019, 124, 6669-6680.	3.3	28
10	Continuous rise of the tropopause in the Northern Hemisphere over 1980-2020. Science Advances, 2021, 7, eabi8065.	10.3	26
11	What chance of a sudden stratospheric warming in the southern hemisphere?. Environmental Research Letters, 2020, 15, 104038.	5.2	18
12	Subseasonal forecast of Arctic sea ice concentration via statistical approaches. Climate Dynamics, 2019, 52, 4953-4971.	3.8	16
13	Near-Global Atmospheric Responses to Observed Springtime Tibetan Plateau Snow Anomalies. Journal of Climate, 2020, 33, 1691-1706.	3.2	15
14	Diagnosing the stratosphere-troposphere stationary wave response to climate change in a general circulation model. Journal of Geophysical Research, 2011, 116, .	3.3	13
15	Chemistry-climate model simulations of recent trends in lower stratospheric temperature and stratospheric residual circulation. Journal of Geophysical Research, 2012, 117, .	3.3	12
16	Southern Hemisphere Stationary Wave Response to Changes of Ozone and Greenhouse Gases. Journal of Climate, 2013, 26, 10205-10217.	3.2	11
17	Prediction of northern summer low-frequency circulation using a high-order vector auto-regressive model. Climate Dynamics, 2016, 46, 693-709.	3.8	8
18	Evaluation of the Forecast Performance for Extreme Cold Events in East Asia With Subseasonal-to-Seasonal Data Sets From ECMWF. Journal of Geophysical Research D: Atmospheres, 2021, 126, .	3.3	7

#	ARTICLE	IF	CITATIONS
19	Stratosphere–Troposphere Coupling Leading to Extended Seasonal Predictability of Summer North Atlantic Oscillation and Boreal Climate. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	6
20	Interpreting Stationary Wave Nonlinearity in Barotropic Dynamics. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 2240-2250.	1.7	5
21	An exploration of the connection between quasi-biennial oscillation and Madden-Julian oscillation. <i>Environmental Research Letters</i> , 2021, 16, 114021.	5.2	4
22	Seasonality in future tropical lower stratospheric temperature trends. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 980-991.	3.3	3
23	Seasonal Influence of the Atmosphere and Ocean on the Fall Sea Ice Extent in the Barents–Kara Seas. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035144.	3.3	2
24	Impacts of Autumn–Winter Tibetan Plateau Snow Anomalies on North Atlantic–Europe and Arctic Climate. <i>Journal of Geophysical Research D: Atmospheres</i> , 0, , .	3.3	1