

# 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	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
2	Evaluation of the Forecast Performance for Extreme Cold Events in East Asia With Subseasonal-to-Seasonal Data Sets From ECMWF. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, .	3.3	7
3	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
4	An exploration of the connection between quasi-biennial oscillation and Madden-Julian oscillation. <i>Environmental Research Letters</i> , 2021, 16, 114021.	5.2	4
5	Continuous rise of the tropopause in the Northern Hemisphere over 1980-2020. <i>Science Advances</i> , 2021, 7, eabi8065.	10.3	26
6	What chance of a sudden stratospheric warming in the southern hemisphere?. <i>Environmental Research Letters</i> , 2020, 15, 104038.	5.2	18
7	Near-Global Atmospheric Responses to Observed Springtime Tibetan Plateau Snow Anomalies. <i>Journal of Climate</i> , 2020, 33, 1691-1706.	3.2	15
8	Large Impacts, Past and Future, of Ozone-Depleting Substances on Brewer-Dobson Circulation Trends: A Multimodel Assessment. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 6669-6680.	3.3	28
9	Week 3-4 predictability over the United States assessed from two operational ensemble prediction systems. <i>Climate Dynamics</i> , 2019, 52, 5861-5875.	3.8	33
10	Subseasonal forecast of Arctic sea ice concentration via statistical approaches. <i>Climate Dynamics</i> , 2019, 52, 4953-4971.	3.8	16
11	A robust empirical seasonal prediction of winter NAO and surface climate. <i>Scientific Reports</i> , 2017, 7, 279.	3.3	120
12	The Impact of Ozone-Depleting Substances on Tropical Upwelling, as Revealed by the Absence of Lower-Stratospheric Cooling since the Late 1990s. <i>Journal of Climate</i> , 2017, 30, 2523-2534.	3.2	36
13	Predicting Summer Arctic Sea Ice Concentration Intraseasonal Variability Using a Vector Autoregressive Model*. <i>Journal of Climate</i> , 2016, 29, 1529-1543.	3.2	60
14	Arctic Sea Ice Seasonal Prediction by a Linear Markov Model. <i>Journal of Climate</i> , 2016, 29, 8151-8173.	3.2	35
15	Prediction of northern summer low-frequency circulation using a high-order vector auto-regressive model. <i>Climate Dynamics</i> , 2016, 46, 693-709.	3.8	8
16	Seasonality in future tropical lower stratospheric temperature trends. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 980-991.	3.3	3
17	Seasonal variation of ozone in the tropical lower stratosphere: Southern tropics are different from northern tropics. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 6196-6206.	3.3	30
18	Southern Hemisphere Stationary Wave Response to Changes of Ozone and Greenhouse Gases. <i>Journal of Climate</i> , 2013, 26, 10205-10217.	3.2	11

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19	Temperature trends in the tropical upper troposphere and lower stratosphere: Connections with sea surface temperatures and implications for water vapor and ozone. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 9658-9672.	3.3	47
20	Chemistryâ€œclimate model simulations of recent trends in lower stratospheric temperature and stratospheric residual circulation. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	12
21	Multimodel climate and variability of the stratosphere. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	139
22	Diagnosing the stratosphere-troposphere stationary wave response to climate change in a general circulation model. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	13
23	Interpreting Stationary Wave Nonlinearity in Barotropic Dynamics. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 2240-2250.	1.7	5
24	Impacts of Autumnâ€œWinter Tibetan Plateau Snow Anomalies on North Atlanticâ€œEurope and Arctic Climate. <i>Journal of Geophysical Research D: Atmospheres</i> , 0, , .	3.3	1