Liwei Jia

List of Publications by Year
in descending order

35 papers	1,057 citations	394421 19 h-index	414414 32 g-index
35 all docs	35 docs citations	35 times ranked	1589 citing authors

#	Article	IF	Citations
1	Improved Seasonal Prediction of Temperature and Precipitation over Land in a High-Resolution GFDL Climate Model. Journal of Climate, 2015, 28, 2044-2062.	3.2	141
2	Tropical cyclone sensitivities to CO2 doubling: roles of atmospheric resolution, synoptic variability and background climate changes. Climate Dynamics, 2019, 53, 5999-6033.	3.8	114
3	Dominant Role of Subtropical Pacific Warming in Extreme Eastern Pacific Hurricane Seasons: 2015 and the Future. Journal of Climate, 2017, 30, 243-264.	3.2	79
4	The Resolution Dependence of Contiguous U.S. Precipitation Extremes in Response to CO2 Forcing. Journal of Climate, 2016, 29, 7991-8012.	3.2	74
5	Seasonal Predictability of Extratropical Storm Tracks in GFDLâ€™s High-Resolution Climate Prediction Model. Journal of Climate, 2015, 28, 3592-3611.	3.2	71
6	Modulation of western North Pacific tropical cyclone activity by the Atlantic Meridional Mode. Climate Dynamics, 2017, 48, 631-647.	3.8	48
7	Application of a Hybrid Statisticalâ€“Dynamical System to Seasonal Prediction of North American Temperature and Precipitation. Monthly Weather Review, 2019, 147, 607-625.	1.4	46
8	Investigating the Influence of Anthropogenic Forcing and Natural Variability on the 2014 Hawaiian Hurricane Season. Bulletin of the American Meteorological Society, 2015, 96, S115-S119.	3.3	39
9	Seasonal Prediction Skill of Northern Extratropical Surface Temperature Driven by the Stratosphere. Journal of Climate, 2017, 30, 4463-4475.	3.2	37
10	The Roles of Radiative Forcing, Sea Surface Temperatures, and Atmospheric and Land Initial Conditions in U.S. Summer Warming Episodes. Journal of Climate, 2016, 29, 4121-4135.	3.2	36
11	Transient Climate Sensitivity Depends on Base Climate Ocean Circulation. Journal of Climate, 2017, 30, 1493-1504.	3.2	36
12	The Impact of Horizontal Resolution on North American Monsoon Gulf of California Moisture Surges in a Suite of Coupled Global Climate Models. Journal of Climate, 2016, 29, 7911-7936.	3.2	32
13	Influences of Natural Variability and Anthropogenic Forcing on the Extreme 2015 Accumulated Cyclone Energy in the Western North Pacific. Bulletin of the American Meteorological Society, 2016, 97, S131-S135.	3.3	29
14	Diagnosis of Decadal Predictability of Southern Ocean Sea Surface Temperature in the GFDL CM2.1 Model. Journal of Climate, 2017, 30, 6309-6328.	3.2	28
15	GFDL's SPEAR Seasonal Prediction System: Initialization and Ocean Tendency Adjustment (OTA) for Coupled Model Predictions. Journal of Advances in Modeling Earth Systems, 2020, 12, e2020MS002149.	3.8	27
16	Diagnosis of Multiyear Predictability on Continental Scales. Journal of Climate, 2011, 24, 5108-5124.	3.2	24
17	Decadal prediction of observed and simulated sea surface temperatures. Geophysical Research Letters, 2013, 40, 2773-2778.	4.0	24
18	100-Year Lower Mississippi Floods in a Global Climate Model: Characteristics and Future Changes. Journal of Hydrometeorology, 2018, 19, 1547-1563.	1.9	24

#	Article	IF	Citations
19	Detection, Attribution, and Projection of Regional Rainfall Changes on (Multi-) Decadal Time Scales: A Focus on Southeastern South America. Journal of Climate, 2016, 29, 8515-8534.	3.2	21
20	Causes and Probability of Occurrence of Extreme Precipitation Events like Chennai 2015. Journal of Climate, 2018, 31, 3831-3848.	3.2	21
21	On the seasonal prediction of the western United States El NiÃ±o precipitation pattern during the 2015/16 winter. Climate Dynamics, 2018, 51, 3765-3783.	3.8	17
22	Multiâ€year predictability of temperature and precipitation in multiple climate models. Geophysical Research Letters, 2012, 39, .	4.0	11
23	Assimilation of Satellite-Retrieved Sea Ice Concentration and Prospects for September Predictions of Arctic Sea Ice. Journal of Climate, 2021, 34, 2107-2126.	3.2	11
24	Estimating Decadal Predictability for the Southern Ocean Using the GFDL CM2.1 Model. Journal of Climate, 2017, 30, 5187-5203.	3.2	10
25	Optimal Determination of Time-Varying Climate Change Signals. Journal of Climate, 2012, 25, 7122-7137.	3.2	8
26	Are Multiseasonal Forecasts of Atmospheric Rivers Possible?. Geophysical Research Letters, 2021, 48, e2021GL094000.	4.0	8
27	Seasonal predictability of baroclinic wave activity. Npj Climate and Atmospheric Science, 2021, 4, .	6.8	8
28	Scale-Selective Ridge Regression for Multimodel Forecasting. Journal of Climate, 2013, 26, 7957-7965.	3.2	7
29	Skillful Seasonal Prediction of North American Summertime Heat Extremes. Journal of Climate, 2022, 35, 4331-4345.	3.2	6
30	Assessing GFDL highâ€resolution climate model water and energy budgets from AMIP simulations over Africa. Journal of Geophysical Research D: Atmospheres, 2016, 121, 8444-8459.	3.3	5
31	When Will Humanity Notice Its Influence on Atmospheric Rivers?. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	5
32	Can Optimal Projection Improve Dynamical Model Forecasts?. Journal of Climate, 2014, 27, 2643-2655.	3.2	3
33	Simulated Connections between ENSO and Tropical Cyclones near Guam in a High-Resolution GFDL Coupled Climate Model: Implications for Seasonal Forecasting. Journal of Climate, 2016, 29, 8231-8248.	3.2	3
34	Dynamical Seasonal Predictions of Tropical Cyclone Activity: Roles of Sea Surface Temperature Errors and Atmosphereâ€“Land Initialization. Journal of Climate, 2021, 34, 1743-1766.	3.2	3
35	Multi-year Prediction and Predictability. World Scientific Series on Asia-Pacific Weather and Climate, 2015, , 219-233.	0.2	1