Haiming Xu

List of Publications by Year
in descending order

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59 papers	1,186 citations	471509 17 h-index	414414 32 g-index
59 all docs	59 docs citations	59 times ranked	1321 citing authors

#	Article	IF	Citations
1	Bathymetric effect on the winter sea surface temperature and climate of the Yellow and East China Seas. Geophysical Research Letters, 2002, 29, 81-1-81-4.	4.0	216
2	Deep Atmospheric Response to the Spring Kuroshio over the East China Sea*. Journal of Climate, 2011, 24, 4959-4972.	3.2	102
3	Atmospheric responses to oceanic eddies in the Kuroshio Extension region. Journal of Geophysical Research D: Atmospheres, 2015, 120, 6313-6330.	3.3	82
4	On the Relationship between Intensity and Rainfall Distribution in Tropical Cyclones Making Landfall over China. Journal of Applied Meteorology and Climatology, 2017, 56, 2883-2901.	1.5	74
5	Features of the extremely severe drought in the east of Southwest China and anomalies of atmospheric circulation in summer 2006. Journal of Meteorological Research, 2011, 25, 176-187.	1.0	66
6	Atmospheric Effects of the Kuroshio Large Meander during 2004â€“05*. Journal of Climate, 2010, 23, 4704-4715.	3.2	63
7	Subseasonal Variability of the Southeast Pacific Stratus Cloud Deck*. Journal of Climate, 2005, 18, 131-142.	3.2	47
8	Responses of the East Asian winter monsoon to global warming in <scp>CMIP5</scp> models. International Journal of Climatology, 2016, 36, 2139-2155.	3.5	37
9	Characteristics of the onset of the Asian summer monsoon and the importance of Asian-Australian â€œland bridgeâ€• Advances in Atmospheric Sciences, 2006, 23, 951-963.	4.3	28
10	Lessened response of boreal winter stratospheric polar vortex to El NiÃ±o in recent decades. Climate Dynamics, 2017, 49, 263-278.	3.8	27
11	Atmospheric Responses to Kuroshio SST Front in the East China Sea under Different Prevailing Winds in Winter and Spring. Journal of Climate, 2015, 28, 3191-3211.	3.2	26
12	On the Localized Extreme Rainfall over the Great Bay Area in South China with Complex Topography and Strong UHI Effects. Monthly Weather Review, 2021, 149, 2777-2801.	1.4	25
13	Improving simulation of a tropical cyclone using dynamical initialization and large-scale spectral nudging: A case study of Typhoon Megi (2010). Journal of Meteorological Research, 2013, 27, 455-475.	1.0	24
14	Quantitative analysis of surface warming amplification over the Tibetan Plateau after the late 1990s using surface energy balance equation. Atmospheric Science Letters, 2017, 18, 112-117.	1.9	21
15	Projections of East Asian summer monsoon change at global warming of 1.5Âand 2â€‰Â°C. Earth System Dynamics, 2018, 9, 427-439.	7.1	20
16	Modeled MABL Responses to the Winter Kuroshio SST Front in the East China Sea and Yellow Sea. Journal of Geophysical Research D: Atmospheres, 2019, 124, 6069-6092.	3.3	20
17	Intermember Variability of the Summer Northwest Pacific Subtropical Anticyclone in the Ensemble Forecast. Journal of Climate, 2017, 30, 3927-3941.	3.2	19
18	Seasonal variations in atmospheric responses to oceanic eddies in the Kuroshio Extension. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 68, 31563.	1.7	18

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19	Influence of Kuroshio SST front in the East China Sea on the climatological evolution of Meiyu rainband. Climate Dynamics, 2018, 50, 1243-1266.	3.8	18
20	Numerical study of the effect of anthropogenic aerosols on spring persistent rain over Eastern China. Journal of Meteorological Research, 2014, 28, 341-353.	2.4	17
21	Responses of the East Asian jet stream to the North Pacific subtropical front in spring. Advances in Atmospheric Sciences, 2017, 34, 144-156.	4.3	17
22	Nonlinear effect on the East Asian summer monsoon due to two coexisting anthropogenic forcing factors in eastern China: an AGCM study. Climate Dynamics, 2016, 46, 3767-3784.	3.8	15
23	Relationship between the North Pacific Gyre Oscillation and the onset of stratospheric final warming in the northern Hemisphere. Climate Dynamics, 2018, 51, 3061-3075.	3.8	15
24	The boreal spring stratospheric final warming and its interannual and interdecadal variability. Science China Earth Sciences, 2014, 57, 710-718.	5.2	13
25	Seasonal variation of the global mixed layer depth: comparison between Argo data and FIO-ESM. Frontiers of Earth Science, 2018, 12, 24-36.	2.1	13
26	Meridional position biases of East Asian subtropical jet stream in <scp>CMIP5</scp> models and their relationship with ocean model resolutions. International Journal of Climatology, 2015, 35, 3942-3958.	3.5	12
27	Seasonal timing of stratospheric final warming associated with the intensity of stratospheric sudden warming in preceding winter. Science China Earth Sciences, 2015, 58, 615-627.	5.2	12
28	Asymmetric features for two types of ENSO. Journal of Meteorological Research, 2015, 29, 896-916.	2.4	11
29	Dynamic Diagnosis of Stratospheric Sudden Warming Event in the Boreal Winter of 2018 and Its Possible Impact on Weather over North America. Atmosphere, 2020, 11, 438.	2.3	9
30	Diurnal cycle of rainfall over Lake Victoria Basin during the longâ€rain season based on TRMM satellite estimate. International Journal of Climatology, 2020, 40, 4622-4637.	3.5	9
31	Impact of Atlantic multidecadal oscillation on interannual relationship between <scp>ENSO</scp> and East Asian early summer monsoon. International Journal of Climatology, 2021, 41, 2860-2877.	3.5	8
32	A robust relationship between multidecadal global warming rate variations and the Atlantic Multidecadal Variability. Climate Dynamics, 2020, 55, 1945-1959.	3.8	7
33	On the Relationship Between the Stratospheric Quasiâ€Biennial Oscillation and Summer Precipitation in Northern China. Geophysical Research Letters, 2022, 49, .	4.0	7
34	Radar data assimilation of the GRAPES model and experimental results in a typhoon case. Advances in Atmospheric Sciences, 2012, 29, 344-358.	4.3	6
35	Impacts of northern Tibetan Plateau on East Asian summer rainfall via modulating midlatitude transient eddies. Journal of Geophysical Research D: Atmospheres, 2017, 122, 8667-8685.	3.3	6
36	Impact of Pacific Decadal Oscillation on interannual relationship between El NiÃ±o and South China Sea summer monsoon onset. International Journal of Climatology, 2022, 42, 2739-2753.	3.5	6

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37	Atmospheric responses to idealized urban land surface forcing in eastern China during the boreal spring. Journal of Geophysical Research D: Atmospheres, 2015, 120, 10,022.	3.3	5
38	Relationship of tropical-cyclone-induced remote precipitation with tropical cyclones and the subtropical high. Frontiers of Earth Science, 2016, 10, 595-606.	2.1	5
39	Impact of the North Pacific subtropical sea surface temperature front on El NiÃ±oâ€Southern Oscillation. International Journal of Climatology, 2018, 38, e729.	3.5	5
40	Interannual Variability of Spring Extratropical Cyclones over the Yellow, Bohai, and East China Seas and Possible Causes. Atmosphere, 2019, 10, 40.	2.3	5
41	Distinctive Evolutions of Eurasian Warming and Extreme Events Before and After Global Warming Would Stabilize at 1.5ÂÂ°C. Earth's Future, 2019, 7, 151-161.	6.3	5
42	Cross-Basin Interactions between the Tropical Atlantic and Pacific in the ECMWF Hindcasts. Journal of Climate, 2021, 34, 2459-2472.	3.2	5
43	Prediction of Arctic Temperature and Sea Ice Using a High-Resolution Coupled Model. Journal of Climate, 2021, 34, 2905-2922.	3.2	5
44	Pacific Warming Pattern Diversity Modulated by Indoâ€Pacific Sea Surface Temperature Gradient. Geophysical Research Letters, 2021, 48, e2021GL095516.	4.0	5
45	Interannual Relationship between ENSO and Atlantic Storm Track in Spring Modulated by the Atlantic Multidecadal Oscillation. Atmosphere, 2018, 9, 419.	2.3	4
46	Observed oceanic feedback to the atmosphere over the Kuroshio Extension during spring time and its possible mechanism. Science Bulletin, 2008, 53, 1905-1912.	9.0	3
47	Asymmetric response of the South China Sea SST to El NiÃ±o and La NiÃ±a. Journal of Ocean University of China, 2013, 12, 272-278.	1.2	3
48	Seasonal and Interannual Variation Characteristics of Low-Cloud Fraction in Different North Pacific Regions. Atmosphere, 2019, 10, 126.	2.3	3
49	Influence of the southwards shift of North American continent on North American monsoon. International Journal of Climatology, 2020, 40, 6137-6149.	3.5	3
50	Robust regional differences in marine heatwaves between transient and stabilization responses at 1.5ÂÂ°C global warming. Weather and Climate Extremes, 2021, 32, 100316.	4.1	3
51	Anomalies of Northern Hemisphere ozone associated with a tropopauseâ€lower stratosphere teleconnection during summer. International Journal of Climatology, 2016, 36, 837-846.	3.5	2
52	Different evolution features for two types of El NiÃ±o and possible causes for these differences. International Journal of Climatology, 2018, 38, 2967-2979.	3.5	2
53	Climatic Effects of Spring Mesoscale Oceanic Eddies in the North Pacific: A Regional Modeling Study. Atmosphere, 2021, 12, 517.	2.3	2
54	North Pacific subtropical sea surface temperature frontogenesis and its connection with the atmosphere above. Earth System Dynamics, 2019, 10, 261-270.	7.1	1

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55	Assessment of the Capability of ENSEMBLES Hindcasts in Predicting Spring Climate in China. Journal of Meteorological Research, 2019, 33, 307-322.	2.4	1
56	Different Mechanisms for Interannual Variability of the Northwest Pacific Subtropical Anticyclone in June and July. Atmosphere - Ocean, 2020, 58, 46-59.	1.6	1
57	Why is the mid-tropospheric North Atlantic subtropical high much stronger than the North Pacific subtropical high in boreal summer?. Climate Dynamics, 2022, 59, 1883-1895.	3.8	1
58	Impact of tropical Atlantic <scp>SST</scp> anomaly on <scp>ENSO</scp> in the <scp>NUISTâ€CFS1</scp>.0 Hindcasts. International Journal of Climatology, 2022, 42, 6055-6071.	3.5	1
59	The Impact of the Atlantic Multidecadal Oscillation on the Interannual Relationship Between the Storm Track and SST Over the North Atlantic in Spring. Atmosphere - Ocean, 2021, 59, 152-164.	1.6	0