

Haikun Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3243466/publications.pdf>

Version: 2024-02-01

55
papers

1,087
citations

516710

16
h-index

454955

30
g-index

56
all docs

56
docs citations

56
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	On the relationship between ENSO and tropical cyclones in the western North Pacific during the boreal summer. <i>Climate Dynamics</i> , 2019, 52, 275-288.	3.8	87
2	Assessing the influence of the ENSO on tropical cyclone prevailing tracks in the western North Pacific. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 1361-1371.	4.3	73
3	Dynamically Derived Tropical Cyclone Intensity Changes over the Western North Pacific. <i>Journal of Climate</i> , 2012, 25, 89-98.	3.2	70
4	Changes in Characteristics of Rapidly Intensifying Western North Pacific Tropical Cyclones Related to Climate Regime Shifts. <i>Journal of Climate</i> , 2018, 31, 8163-8179.	3.2	65
5	Modulation of Northwest Pacific Tropical Cyclone Genesis by the Intraseasonal Variability. <i>Journal of the Meteorological Society of Japan</i> , 2015, 93, 81-97.	1.8	61
6	Interdecadal modulation on the relationship between ENSO and typhoon activity during the late season in the western North Pacific. <i>Climate Dynamics</i> , 2016, 47, 315-328.	3.8	61
7	Interannual Changes of Tropical Cyclone Intensity in the Western North Pacific. <i>Journal of the Meteorological Society of Japan</i> , 2011, 89, 243-253.	1.8	55
8	Impact of the Madden-Julian Oscillation on Western North Pacific Tropical Cyclogenesis Associated with Large-Scale Patterns. <i>Journal of Applied Meteorology and Climatology</i> , 2015, 54, 1413-1429.	1.5	55
9	Decadal variations of intense tropical cyclones over the western North Pacific during 1948-2010. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 57-65.	4.3	38
10	Inter-decadal shift of the prevailing tropical cyclone tracks over the western North Pacific and its mechanism study. <i>Meteorology and Atmospheric Physics</i> , 2014, 125, 89-101.	2.0	33
11	Understanding of the Effect of Climate Change on Tropical Cyclone Intensity: A Review. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 205-221.	4.3	32
12	What Caused the Unprecedented Absence of Western North Pacific Tropical Cyclones in July 2020?. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092282.	4.0	31
13	Modulation of tropical cyclogenesis in the western North Pacific by the quasi-biweekly oscillation. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 1361-1375.	4.3	23
14	Exploratory analysis of extremely low tropical cyclone activity during the late season of 2010 and 1998 over the western North Pacific and the South China Sea. <i>Journal of Advances in Modeling Earth Systems</i> , 2014, 6, 1141-1153.	3.8	20
15	Recent Strengthening of the Relationship between the Western North Pacific Monsoon and Western North Pacific Tropical Cyclone Activity during the Boreal Summer. <i>Journal of Climate</i> , 2019, 32, 8283-8299.	3.2	18
16	Observational relationship of climatologic beta drift with large-scale environmental flows. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	17
17	On the distinct interannual variability of tropical cyclone activity over the eastern North Pacific. <i>Atmosfera</i> , 2015, 28, 161-178.	0.8	17
18	Boreal Summer Synoptic-Scale Waves over the Western North Pacific in Multimodel Simulations. <i>Journal of Climate</i> , 2016, 29, 4487-4508.	3.2	17

#	ARTICLE	IF	CITATIONS
19	Interannual and Interdecadal Drivers of Meridional Migration of Western North Pacific Tropical Cyclone Lifetime Maximum Intensity Location. <i>Journal of Climate</i> , 2022, 35, 2709-2722.	3.2	17
20	Is there a quiescent typhoon season over the western North Pacific following a strong El Niño event?. <i>International Journal of Climatology</i> , 2019, 39, 61-73.	3.5	16
21	Recent Increased Covariability of Tropical Cyclogenesis Latitude and Longitude over the Western North Pacific during the Extended Boreal Summer. <i>Journal of Climate</i> , 2019, 32, 8167-8179.	3.2	15
22	Possible Influence of Tropical Indian Ocean Sea Surface Temperature on the Proportion of Rapidly Intensifying Western North Pacific Tropical Cyclones during the Extended Boreal Summer. <i>Journal of Climate</i> , 2020, 33, 9129-9143.	3.2	15
23	Sources of the Intermodel Spread in Projected Global Monsoon Hydrological Sensitivity. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089560.	4.0	14
24	Hemisphere-asymmetric tropical cyclones response to anthropogenic aerosol forcing. <i>Nature Communications</i> , 2021, 12, 6787.	12.8	14
25	Enhanced Predictability of Rapidly Intensifying Tropical Cyclones over the Western North Pacific Associated with Snow Depth Changes over the Tibetan Plateau. <i>Journal of Climate</i> , 2022, 35, 2093-2110.	3.2	14
26	Modulation of convectively coupled equatorial Rossby wave on the western North Pacific tropical cyclones activity. <i>International Journal of Climatology</i> , 2018, 38, 932-948.	3.5	13
27	Recent decrease in genesis productivity of tropical cloud clusters over the Western North Pacific. <i>Climate Dynamics</i> , 2019, 52, 5819-5831.	3.8	13
28	A Statistical Intraseasonal Prediction Model of Extended Boreal Summer Western North Pacific Tropical Cyclone Genesis. <i>Journal of Climate</i> , 2022, 35, 2459-2478.	3.2	13
29	A downscaling technique to simulate changes in western North Pacific tropical cyclone activity between two types of El Niño events. <i>Theoretical and Applied Climatology</i> , 2016, 123, 487-501.	2.8	12
30	Potential Large-Scale Forcing Mechanisms Driving Enhanced North Atlantic Tropical Cyclone Activity since the Mid-1990s. <i>Journal of Climate</i> , 2018, 31, 1377-1397.	3.2	12
31	Impact of the Extended Boreal Summer Intraseasonal Oscillation on Western North Pacific Tropical Cloud Cluster Genesis Productivity. <i>Journal of Climate</i> , 2018, 31, 9175-9191.	3.2	12
32	Distinct response of Northern Hemisphere land monsoon precipitation to transient and stabilized warming scenarios. <i>Advances in Climate Change Research</i> , 2020, 11, 161-171.	5.1	12
33	Simulation of Extreme Updrafts in the Tropical Cyclone Eyewall. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 781-792.	4.3	12
34	Dominant Influence of ENSO-Like and Global Sea Surface Temperature Patterns on Changes in Prevailing Boreal Summer Tropical Cyclone Tracks over the Western North Pacific. <i>Journal of Climate</i> , 2020, 33, 9551-9565.	3.2	11
35	Multi-scale interactions of equatorial waves associated with tropical cyclogenesis over the western North Pacific. <i>Climate Dynamics</i> , 2019, 52, 3023-3038.	3.8	10
36	The influence of large-scale circulations on the extremely inactive tropical cyclone activity in 2010 over the western North Pacific. <i>Atmosfera</i> , 2014, 27, 353-365.	0.8	8

#	ARTICLE	IF	CITATIONS
37	Impact of the boreal summer quasi-biweekly oscillation on Eastern North Pacific tropical cyclone activity. <i>International Journal of Climatology</i> , 2018, 38, 1353-1365.	3.5	8
38	Consistent Late Onset of the Western North Pacific Tropical Cyclone Season Following major El Niño Events. <i>Journal of the Meteorological Society of Japan</i> , 2019, 97, 673-688.	1.8	8
39	Changes in extended boreal summer tropical cyclogenesis associated with large-scale flow patterns over the western North Pacific in response to the global warming hiatus. <i>Climate Dynamics</i> , 2021, 56, 515-535.	3.8	8
40	Interannual Variability of the Basinwide Translation Speed of Tropical Cyclones in the Western North Pacific. <i>Journal of Climate</i> , 2020, 33, 8641-8650.	3.2	8
41	Traveling waves for competitive Lotka-Volterra systems with spatial diffusions and spatio-temporal delays. <i>Applied Mathematics and Computation</i> , 2014, 242, 669-678.	2.2	7
42	Modulation of boreal extended summer tropical cyclogenesis over the northwest Pacific by the quasi-biweekly oscillation under different El Niño-southern oscillation phases. <i>International Journal of Climatology</i> , 2020, 40, 858-873.	3.5	7
43	Impact of tibetan plateau snow cover on tropical cyclogenesis via the Madden-Julian oscillation during the following boreal summer. <i>Climate Dynamics</i> , 2021, 56, 3025-3043.	3.8	7
44	Modulation of North Pacific and North Atlantic Tropical Cyclones by Tropical Transbasin Variability and ENSO during May-October. <i>Journal of Climate</i> , 2021, 34, 2127-2144.	3.2	7
45	Inter-decadal change of the lagged inter-annual relationship between local sea surface temperature and tropical cyclone activity over the western North Pacific. <i>Theoretical and Applied Climatology</i> , 2018, 134, 707-720.	2.8	6
46	NUIST ESM v3 Data Submission to CMIP6. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 268-284.	4.3	5
47	Kernel Density Estimation Applied to Tropical Cyclones Genesis in Northwestern Pacific. , 2009, , .		2
48	Azimuthal Variations of the Convective-scale Structure in a Simulated Tropical Cyclone Principal Rainband. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 1239-1255.	4.3	2
49	An Abrupt Slowdown of Late Season Tropical Cyclone over the Western North Pacific in the Early 1980s. <i>Journal of the Meteorological Society of Japan</i> , 2021, , .	1.8	2
50	Meridional Migration of Eastern North Pacific Tropical Cyclogenesis: Joint Contribution of Interhemispheric Temperature Differential and ENSO. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034504.	3.3	2
51	A Climatological Perspective on Extratropical Synoptic-Scale Transient Eddy Activity Response to Western Pacific Tropical Cyclones. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 333-343.	4.3	1
52	Interdecadal Variation of the Antarctic Circumpolar Wave Based on the 20CRV3 Dataset. <i>Atmosphere</i> , 2022, 13, 736.	2.3	1
53	Simulation of tropical cyclone activity over the western North Pacific based on CMIP5 models. <i>Theoretical and Applied Climatology</i> , 2018, 134, 37-50.	2.8	0
54	The Influence of Large-Scale Environment on the Extremely Active Tropical Cyclone Activity in November 2019 over the Western North Pacific. <i>Atmosphere</i> , 2021, 12, 501.	2.3	0

#	ARTICLE	IF	CITATIONS
55	Decadal Modulation of Trans-basin Variability on Extended Boreal Summer Tropical Cyclone Activity in the Tropical North Pacific and Atlantic Basins. Journal of Climate, 2021, , 1-49.	3.2	0