

The poleward migration of the location of tropical cyclones

Nature

509, 349-352

DOI: [10.1038/nature13278](https://doi.org/10.1038/nature13278)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Beyond Hurricane Sandy: What Might the Future Hold for Tropical Cyclones in the North Atlantic?. Journal of Extreme Events, 2014, 01, 1450007.	1.1	13
2	Shifting storms. Nature, 2014, 509, 290-291.	27.8	8
3	Fast transport from Southeast Asia boundary layer sources to northern Europe: rapid uplift in typhoons and eastward eddy shedding of the Asian monsoon anticyclone. Atmospheric Chemistry and Physics, 2014, 14, 12745-12762.	4.9	97
4	A Predicting Technique of Long-Term Variability of Maximum Potential Storm Surge Heights Considering Future Climate Projections. Journal of Japan Society of Civil Engineers Ser B2 (Coastal) Tj ETQq1 1 0.784314 rgB6/Overlook	4.3	114
5	Tropical cyclones in a year of rising global temperatures and a strengthening El Niño. Disaster Health, 2014, 2, 151-162.	0.6	11
6	Tropical Cyclone Genesis Factors in a Simulation of the Last Two Millennia: Results from the Community Earth System Model. Journal of Climate, 2015, 28, 7182-7202.	3.2	11
7	Westward shift of western North Pacific tropical cyclogenesis. Geophysical Research Letters, 2015, 42, 1537-1542.	4.0	78
8	Climate Change and African Americans in the USA. Geography Compass, 2015, 9, 579-591.	2.7	17
9	Report on the 2014 Winter Cyclone Storm Surge in Nemuro, Japan. Coastal Engineering Journal, 2015, 57, 1550014-1-1550014-14.	1.9	9
10	Sea Surface Temperature Thresholds for Tropical Cyclone Formation. Journal of Climate, 2015, 28, 8171-8183.	3.2	44
11	Simulation of the December 2014 Nemuro Storm Surge and Incident Waves. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2015, 71, l_1543-l_1548.	0.4	4
12	Validating Atmospheric Reanalysis Data using Tropical Cyclones as Thermometers. Bulletin of the American Meteorological Society, 2015, 96, 1089-1096.	3.3	28
13	Roles of interbasin frequency changes in the poleward shifts of the maximum intensity location of tropical cyclones. Environmental Research Letters, 2015, 10, 104004.	5.2	36
14	Reply to "Comments on "Monitoring and Understanding Trends in Extreme Storms: State of Knowledge". Bulletin of the American Meteorological Society, 2015, 96, 1177-1179.	3.3	5
15	Relationships between Ambient Ozone Concentration Changes in Southwestern Taiwan and Invasion Tracks of Tropical Typhoons. Advances in Meteorology, 2015, 2015, 1-17.	1.6	6
16	Full Issue PDF Volume 3, Issue 4. The AAG Review of Books, 2015, 3, 157-217.	0.0	0
18	The silent services of the world ocean. Science, 2015, 350, 764-765.	12.6	33
19	Revisiting the 26.5°C Sea Surface Temperature Threshold for Tropical Cyclone Development. Bulletin of the American Meteorological Society, 2015, 96, 1929-1943.	3.3	48

#	ARTICLE	IF	CITATIONS
20	Unusually rapid intensification of Typhoon Man-yi in 2013 under preexisting warm-water conditions near the Kuroshio front south of Japan. <i>Journal of Oceanography</i> , 2015, 71, 597-622.	1.7	10
22	Decadal changes in tropical cyclone activity over the western North Pacific in the late 1990s. <i>Climate Dynamics</i> , 2015, 45, 3317-3329.	3.8	87
23	Tropical Cyclone Storm Surge Risk. <i>Current Climate Change Reports</i> , 2015, 1, 74-84.	8.6	31
24	Extreme rainfall activity in the Australian tropics reflects changes in the El Niño/Southern Oscillation over the last two millennia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4576-4581.	7.1	64
25	Unattributed hurricane damage. <i>Nature Geoscience</i> , 2015, 8, 819-820.	12.9	7
26	Recent decrease in typhoon destructive potential and global warming implications. <i>Nature Communications</i> , 2015, 6, 7182.	12.8	113
29	Latitudinal Change of Tropical Cyclone Maximum Intensity in the Western North Pacific. <i>Advances in Meteorology</i> , 2016, 2016, 1-8.	1.6	12
30	Weather Pattern Changes in the Tropics and Mid-latitudes. , 2016, , 105-119.		0
31	Comment on “Roles of interbasin frequency changes in the poleward shifts of the maximum intensity location of tropical cyclones”. <i>Environmental Research Letters</i> , 2016, 11, 068001.	5.2	4
32	Past and Projected Changes in Western North Pacific Tropical Cyclone Exposure. <i>Journal of Climate</i> , 2016, 29, 5725-5739.	3.2	178
33	Statistical–Dynamical Seasonal Forecast of North Atlantic and U.S. Landfalling Tropical Cyclones Using the High-Resolution GFDL FLOR Coupled Model. <i>Monthly Weather Review</i> , 2016, 144, 2101-2123.	1.4	55
34	Statistical law for tropical cyclone motion in the Northwest Pacific Ocean. <i>International Journal of Climatology</i> , 2016, 36, 1700-1707.	3.5	5
35	Observed Tropical Cyclone Size Revisited. <i>Journal of Climate</i> , 2016, 29, 2923-2939.	3.2	97
36	Changing pressure-wind relationships for tropical cyclones in the North Atlantic and northeastern Pacific. <i>International Journal of Climatology</i> , 2016, 36, 3892-3896.	3.5	0
37	Tropical cyclones and climate change. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2016, 7, 65-89.	8.1	471
38	Late Paleocene–middle Eocene benthic foraminifera on a Pacific seamount (Allison Guyot, ODP Site 865): Greenhouse climate and superimposed hyperthermal events. <i>Paleoceanography</i> , 2016, 31, 346-364.	3.0	28
39	Stratified coastal ocean interactions with tropical cyclones. <i>Nature Communications</i> , 2016, 7, 10887.	12.8	133
40	Rainfall-enhanced blooming in typhoon wakes. <i>Scientific Reports</i> , 2016, 6, 31310.	3.3	27

#	ARTICLE	IF	CITATIONS
41	Assessment on historical cyclone tracks in the Bay of Bengal, east coast of India. International Journal of Climatology, 2016, 36, 95-109.	3.5	111
42	Synthetic versus long-term natural records of tropical cyclone storm surges: problems and issues. Geoscience Letters, 2016, 3, .	3.3	3
43	Simulating the Atmosphere. Earth Systems Data and Models, 2016, , 61-85.	1.0	0
44	Linking spatiotemporal disturbance history with tree regeneration and diversity in an old-growth forest in northern Japan. Perspectives in Plant Ecology, Evolution and Systematics, 2016, 21, 1-13.	2.7	27
45	Intensification of landfalling typhoons over the northwest Pacific since the late 1970s. Nature Geoscience, 2016, 9, 753-757.	12.9	301
46	Eco-geomorphic processes that maintain a small coral reef island: Ballast Island in the Ryukyu Islands, Japan. Geomorphology, 2016, 271, 84-93.	2.6	25
47	Autoregressive Modeling for Tropical Cyclone Intensity Climatology. Journal of Climate, 2016, 29, 7815-7830.	3.2	25
48	Tales of Mass Destruction. Astronomers' Universe, 2016, , 91-158.	0.0	0
49	Future hurricane storm surge risk for the U.S. gulf and Florida coasts based on projections of thermodynamic potential intensity. Climatic Change, 2016, 138, 99-110.	3.6	19
50	Persistent northward North Atlantic tropical cyclone track migration over the past five centuries. Scientific Reports, 2016, 6, 37522.	3.3	53
51	Natural hazards in Australia: storms, wind and hail. Climatic Change, 2016, 139, 55-67.	3.6	26
52	Human influence on tropical cyclone intensity. Science, 2016, 353, 242-246.	12.6	286
53	The broad footprint of climate change from genes to biomes to people. Science, 2016, 354, .	12.6	883
54	North-south variations of tropical storm genesis locations in the Western Hemisphere. Geophysical Research Letters, 2016, 43, 11,367.	4.0	10
55	Enhanced intensity of global tropical cyclones during the mid-Pliocene warm period. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12963-12967.	7.1	39
56	Evidence of rising and poleward shift of storm surge in western North Pacific in recent decades. Journal of Geophysical Research: Oceans, 2016, 121, 5181-5192.	2.6	46
57	Reply to Comment on "Roles of interbasin frequency changes in the poleward shifts of maximum intensity location of tropical cyclones". Environmental Research Letters, 2016, 11, 068002.	5.2	3
58	Assessing the impacts of global warming on meteorological hazards and risks in Japan: Philosophy and achievements of the SOUSEI program. Hydrological Research Letters, 2016, 10, 119-125.	0.5	28

#	ARTICLE	IF	CITATIONS
59	Probabilistic Coastal Storm Surge Analyses using Synthesized Tracks Based on Historical Typhoon Parameters. <i>Journal of Coastal Research</i> , 2016, 75, 1132-1136.	0.3	8
60	Decreasing trend of tropical cyclone genesis frequency in July-August over the western North Pacific in the last 20Âyears. <i>Theoretical and Applied Climatology</i> , 2016, 125, 241-251.	2.8	3
61	Future typhoon and storm surges under different global warming scenarios: case study of typhoon Haiyan (2013). <i>Natural Hazards</i> , 2016, 82, 1645-1681.	3.4	62
62	Evidence for extreme floods in arid subtropical northwest Australia during the Little Ice Age chronozone (CE 1400â€1850). <i>Quaternary Science Reviews</i> , 2016, 144, 107-122.	3.0	31
63	Interplay of drought and tropical cyclone activity in SE U.S. gross primary productivity. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1540-1567.	3.0	9
64	The socio-economics of cyclones. <i>Nature Climate Change</i> , 2016, 6, 343-345.	18.8	49
65	Rapid intensification and the bimodal distribution of tropical cyclone intensity. <i>Nature Communications</i> , 2016, 7, 10625.	12.8	95
66	Rising tides: adaptation policy alternatives for coastal residential buildings in Australia. <i>Structure and Infrastructure Engineering</i> , 2016, 12, 463-476.	3.7	42
67	Estimation of increase in storm surge damage due to climate change and sea level rise in the Greater Tokyo area. <i>Natural Hazards</i> , 2016, 80, 539-565.	3.4	32
68	Climate change impacts in Latin America and the Caribbean and their implications for development. <i>Regional Environmental Change</i> , 2017, 17, 1601-1621.	2.9	97
69	Frequent sediment density flows during 2006 to 2015, triggered by competing seismic and weather events: Observations from subsea cable breaks off southern Taiwan. <i>Marine Geology</i> , 2017, 384, 147-158.	2.1	56
70	Asymmetric response of tropical cyclone activity to global warming over the North Atlantic and western North Pacific from CMIP5 model projections. <i>Scientific Reports</i> , 2017, 7, 41354.	3.3	27
71	Tropical Cyclones Downscaled from Simulations with Very High Carbon Dioxide Levels. <i>Journal of Climate</i> , 2017, 30, 649-667.	3.2	38
72	Variations in the power dissipation index in the East Asia region. <i>Climate Dynamics</i> , 2017, 48, 1963-1985.	3.8	14
73	The Use of Global Climate Models for Tropical Cyclone Risk Assessment. , 2017, , 167-186.		4
74	Long-term trends of typhoon-induced rainfall over Taiwan: In situ evidence of poleward shift of typhoons in western North Pacific in recent decades. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 2750-2765.	3.3	39
75	Different Climatological Characteristics, Inner-Core Structures, and Intensification Processes of Simulated Intense Tropical Cyclones between 20-km Global and 5-km Regional Models. <i>Journal of Climate</i> , 2017, 30, 1583-1603.	3.2	4
76	Verification of tropical cyclone deposits with oxygen isotope analyses of coeval ostracod valves. <i>Journal of Paleolimnology</i> , 2017, 57, 245-255.	1.6	12

#	ARTICLE	IF	CITATIONS
77	Climatology of Philippine tropical cyclone activity: 1945–2011. <i>International Journal of Climatology</i> , 2017, 37, 3525-3539.	3.5	10
78	Weak Tropical Cyclones Dominate the Poleward Migration of the Annual Mean Location of Lifetime Maximum Intensity of Northwest Pacific Tropical Cyclones since 1980. <i>Journal of Climate</i> , 2017, 30, 6873-6882.	3.2	39
79	Expansion of the tropics: revisiting frontiers of geographical knowledge. <i>Geographical Research</i> , 2017, 55, 3-12.	1.8	10
80	Rising hazard of storm-surge flooding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11806-11808.	7.1	85
81	Impact of climate change on New York City's coastal flood hazard: Increasing flood heights from the preindustrial to 2300 CE. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11861-11866.	7.1	169
82	Western North Pacific Tropical Cyclone Model Tracks in Present and Future Climates. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 9721-9744.	3.3	54
83	Salient Differences in Tropical Cyclone Activity over the Western North Pacific between 1998 and 2016. <i>Journal of Climate</i> , 2017, 30, 9979-9997.	3.2	43
84	Impact of Ocean Warming on Tropical Cyclone Size and Its Destructiveness. <i>Scientific Reports</i> , 2017, 7, 8154.	3.3	74
85	Coastal ocean circulation during <scp>H</scp>urricane <scp>S</scp>andy. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 7095-7114.	2.6	46
86	Impacts of increasing typhoons on the structure and function of a subtropical forest: reflections of a changing climate. <i>Scientific Reports</i> , 2017, 7, 4911.	3.3	33
87	Rapid shelf-wide cooling response of a stratified coastal ocean to hurricanes. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 4845-4867.	2.6	47
88	Using remotely sensed data to modify wind forcing in operational storm surge forecasting. <i>Natural Hazards</i> , 2017, 89, 275-293.	3.4	6
89	Impact of ocean warming on tropical cyclone track over the western north pacific: A numerical investigation based on two case studies. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 8617-8630.	3.3	29
90	Intensified Mega-ENSO Has Increased the Proportion of Intense Tropical Cyclones Over the Western Northwest Pacific Since the Late 1970s. <i>Geophysical Research Letters</i> , 2017, 44, 11,959.	4.0	19
91	Tropical cyclone potential hazard in Southeast China and its linkage with the East Asian westerly jet. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2017, 53, 295-304.	2.3	9
92	Marine reserves can mitigate and promote adaptation to climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6167-6175.	7.1	450
93	Unusual growth in intense typhoon occurrences over the Philippine Sea in September after the mid-2000s. <i>Climate Dynamics</i> , 2017, 48, 1893-1910.	3.8	19
94	Damaging sediment density flows triggered by tropical cyclones. <i>Earth and Planetary Science Letters</i> , 2017, 458, 161-169.	4.4	40

#	ARTICLE	IF	CITATIONS
95	Spatial and Temporal Trends in the Location of the Lifetime Maximum Intensity of Tropical Cyclones. Atmosphere, 2017, 8, 198.	2.3	15
96	Sea-Air Interactions. , 0, , 105-118.		0
97	Storm-wave trends in Mexican waters of the Gulf of Mexico and Caribbean Sea. Natural Hazards and Earth System Sciences, 2017, 17, 1305-1317.	3.6	26
99	The Hydrodynamic Impacts of Tropical Cyclones on Coral Reefs of Japan: Key Points and Future Perspectives. Coral Reefs of the World, 2018, , 163-173.	0.7	2
100	Changes in Hurricanes from a 13-Yr Convection-Permitting Pseudo-Global Warming Simulation. Journal of Climate, 2018, 31, 3643-3657.	3.2	120
101	Global warming hiatus contributed to the increased occurrence of intense tropical cyclones in the coastal regions along East Asia. Scientific Reports, 2018, 8, 6023.	3.3	32
102	Urban Areas in Coastal Zones. , 0, , 319-362.		5
103	Impact of Climate Variability and Change on Tropical Cyclones in the South Pacific. , 2018, , 217-225.		2
104	What Has Controlled the Poleward Migration of Annual Averaged Location of Tropical Cyclone Lifetime Maximum Intensity Over the Western North Pacific Since 1961?. Geophysical Research Letters, 2018, 45, 1148-1156.	4.0	47
105	Tropical Cyclone Storm Surge Risk. , 2018, , 1405-1422.		3
106	Gradients of disturbance and environmental conditions shape coral community structure for south-eastern Indian Ocean reefs. Diversity and Distributions, 2018, 24, 605-620.	4.1	43
107	Statistical Assessment of the OWZ Tropical Cyclone Tracking Scheme in ERA-Interim. Journal of Climate, 2018, 31, 2217-2232.	3.2	26
108	Westward migration of tropical cyclone rapid-intensification over the Northwestern Pacific during short duration El Niño. Nature Communications, 2018, 9, 1507.	12.8	58
109	Concurrent Changes to Hadley Circulation and the Meridional Distribution of Tropical Cyclones. Journal of Climate, 2018, 31, 4367-4389.	3.2	47
110	A Climatology of Southwest Indian Ocean Tropical Systems: Their Number, Tracks, Impacts, Sizes, Empirical Maximum Potential Intensity, and Intensity Changes. Journal of Applied Meteorology and Climatology, 2018, 57, 1021-1041.	1.5	36
111	Is the poleward migration of tropical cyclone maximum intensity associated with a poleward migration of tropical cyclone genesis?. Climate Dynamics, 2018, 50, 705-715.	3.8	84
112	Simulation of medicanes over the Mediterranean Sea in a regional climate model ensemble: impact of ocean-atmosphere coupling and increased resolution. Climate Dynamics, 2018, 51, 1041-1057.	3.8	46
113	Impacts of SST anomalies in the Indian-Pacific basin on Northwest Pacific tropical cyclone activities during three super El Niño years. Journal of Oceanology and Limnology, 2018, 36, 20-32.	1.3	8

#	ARTICLE	IF	CITATIONS
114	Extreme tropical cyclone activities in the southern Pacific Ocean. International Journal of Climatology, 2018, 38, 1409-1420.	3.5	8
115	Projection of North Pacific Tropical Upper-Tropospheric Trough in CMIP5 Models: Implications for Changes in Tropical Cyclone Formation Locations. Journal of Climate, 2018, 31, 761-774.	3.2	16
116	A comprehensive data set for tropical cyclone storm surge-induced inundation for the east coast of India. International Journal of Climatology, 2018, 38, 403-419.	3.5	47
117	No Shelter From the Storm: Hurricanes and Commercial Real Estate Values. SSRN Electronic Journal, 2018, , .	0.4	7
118	Natural Disasters Trends. SSRN Electronic Journal, 2018, , .	0.4	2
120	Recent emergence of CAT5 tropical cyclones in the South Indian Ocean. South African Journal of Science, 2018, 114, .	0.7	21
121	OBSOLETE: Impact of climate variability and change on tropical cyclones in the South Pacific. , 2018, , .		1
122	Complex and Cascading Triggering of Submarine Landslides and Turbidity Currents at Volcanic Islands Revealed From Integration of High-Resolution Onshore and Offshore Surveys. Frontiers in Earth Science, 2018, 6, .	1.8	22
123	The increasing variability of tropical cyclone lifetime maximum intensity. Scientific Reports, 2018, 8, 16641.	3.3	15
124	Climate network percolation reveals the expansion and weakening of the tropical component under global warming. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E12128-E12134.	7.1	26
125	The Need to Integrate Climate Science Into Public Health Preparedness for Hurricanes and Tropical Cyclones. JAMA - Journal of the American Medical Association, 2018, 320, 1637.	7.4	11
126	A Statistical Assessment of Southern Hemisphere Tropical Cyclone Tracks in Climate Models. Journal of Climate, 2018, 31, 10081-10104.	3.2	13
127	Regional Changes in the Mean Position and Variability of the Tropical Edge. Geophysical Research Letters, 2018, 45, 12,076.	4.0	8
128	Mangrove mortality in a changing climate: An overview. Estuarine, Coastal and Shelf Science, 2018, 215, 241-249.	2.1	154
129	Poleward migration of the destructive effects of tropical cyclones during the 20th century. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11543-11548.	7.1	71
130	A Quantitative Method to Evaluate Tropical Cyclone Tracks in Climate Models. Journal of Atmospheric and Oceanic Technology, 2018, 35, 1807-1818.	1.3	8
131	Regime shift in the destructiveness of tropical cyclones over the western North Pacific. Environmental Research Letters, 2018, 13, 094021.	5.2	10
132	Recent Progress and Emerging Topics on Weather and Climate Extremes Since the Fifth Assessment Report of the Intergovernmental Panel on Climate Change. Annual Review of Environment and Resources, 2018, 43, 35-59.	13.4	50

#	ARTICLE	IF	CITATIONS
133	Sensitivity Experiments on the Poleward Shift of Tropical Cyclones over the Western North Pacific under Warming Ocean Conditions. <i>Journal of Meteorological Research</i> , 2018, 32, 560-570.	2.4	10
134	Relation of Convective Bursts to Changes in the Intensity of Typhoon Lionrock (2016) during the Decay Phase Simulated by an Atmosphere-Wave-Ocean Coupled Model. <i>Journal of the Meteorological Society of Japan</i> , 2018, 96, 489-509.	1.8	8
135	A Recent Reversal in the Poleward Shift of Western North Pacific Tropical Cyclones. <i>Geophysical Research Letters</i> , 2018, 45, 9944-9952.	4.0	11
136	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
137	A Global Climatology of Tropical Cyclone Eyes. <i>Monthly Weather Review</i> , 2018, 146, 2089-2101.	1.4	22
138	Recent poleward shift of tropical cyclone formation linked to Hadley cell expansion. <i>Nature Climate Change</i> , 2018, 8, 730-736.	18.8	125
139	Comment on "Spatial and Temporal Trends in the Location of the Lifetime Maximum Intensity of Tropical Cyclones" by Tennille and Ellis. <i>Atmosphere</i> , 2018, 9, 241.	2.3	7
140	Reply to "Comments on 'Spatial and Temporal Trends in the Location of the Lifetime Maximum Intensity of Tropical Cyclones'" by Tennille and Ellis. <i>Atmosphere</i> , 2018, 9, 242.	2.3	0
141	A global slowdown of tropical-cyclone translation speed. <i>Nature</i> , 2018, 558, 104-107.	27.8	420
142	Future Changes of the Monsoon Trough: Sensitivity to Sea Surface Temperature Gradient and Implications for Tropical Cyclone Activity. <i>Earth's Future</i> , 2018, 6, 919-936.	6.3	23
143	Defining Climate Change: What to Expect in a Warmer World. <i>Advances in Military Geosciences</i> , 2019, , 47-57.	0.5	3
144	Globally consistent impact of tropical cyclones on the structure of tropical and subtropical forests. <i>Journal of Ecology</i> , 2019, 107, 279-292.	4.0	57
145	The Environment-Conflict Nexus. <i>Advances in Military Geosciences</i> , 2019, , .	0.5	2
146	Tropical cyclone simulations over Bay of Bengal with ARW model: Sensitivity to cloud microphysics schemes. <i>Atmospheric Research</i> , 2019, 230, 104651.	4.1	25
147	Aquaplanet Simulations of Tropical Cyclones. <i>Current Climate Change Reports</i> , 2019, 5, 185-195.	8.6	27
148	Shoreline Dynamics Along a Developed River Mouth Barrier Island: Multi-Decadal Cycles of Erosion and Event-Driven Mitigation. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	23
149	Evolution of tropical cyclone genesis regions during the Cenozoic era. <i>Nature Communications</i> , 2019, 10, 3076.	12.8	13
150	How typhoons trigger turbidity currents in submarine canyons. <i>Scientific Reports</i> , 2019, 9, 9220.	3.3	30

#	ARTICLE	IF	CITATIONS
151	South America, Coastal Ecology. Encyclopedia of Earth Sciences Series, 2019, , 1589-1616.	0.1	0
152	Review of tropical cyclones in the Australian region: Climatology, variability, predictability, and trends. Wiley Interdisciplinary Reviews: Climate Change, 2019, 10, e602.	8.1	26
153	Intense Hurricane Activity Over the Past 1500 Years at South Andros Island, The Bahamas. Paleoceanography and Paleoclimatology, 2019, 34, 1761-1783.	2.9	37
154	Physically-based landfalling tropical cyclone scenarios in support of risk assessment. Weather and Climate Extremes, 2019, 26, 100229.	4.1	14
155	Variations in the Intensity and Spatial Extent of Tropical Cyclone Precipitation. Geophysical Research Letters, 2019, 46, 13992-14002.	4.0	37
156	Enhanced equatorial warming causes deep-tropical contraction and subtropical monsoon shift. Nature Climate Change, 2019, 9, 834-839.	18.8	47
157	Extratropical Transition of Hurricane Irene (2011) in a Changing Climate. Journal of Climate, 2019, 32, 4847-4871.	3.2	23
158	Changes in mean flow and atmospheric wave activity in the North Atlantic sector. Quarterly Journal of the Royal Meteorological Society, 2019, 145, 3801-3818.	2.7	1
159	Simulation of Chemical Transport by Typhoon Mireille (1991). Journal of Geophysical Research D: Atmospheres, 2019, 124, 11614-11639.	3.3	2
160	Influence of Track Changes on the Poleward Shift of LMI Location of Western North Pacific Tropical Cyclones. Journal of Climate, 2019, 32, 8437-8445.	3.2	8
161	Tropical Cyclones and Climate Change Assessment: Part I: Detection and Attribution. Bulletin of the American Meteorological Society, 2019, 100, 1987-2007.	3.3	326
162	Observed Characteristics Change of Tropical Cyclones During Rapid Intensification Over Western North Pacific Using CloudSat Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 1725-1733.	4.9	3
163	Subtropical High Affects Interdecadal Variability of Tropical Cyclone Genesis in the South China Sea. Journal of Geophysical Research D: Atmospheres, 2019, 124, 6379-6392.	3.3	13
164	A general framework for propagule dispersal in mangroves. Biological Reviews, 2019, 94, 1547-1575.	10.4	88
165	Orbitally Induced Variation of Tropical Cyclone Genesis Potential Over the Western North Pacific During the Mid-Pliocene Warm Period: A Modeling Perspective. Paleoceanography and Paleoclimatology, 2019, 34, 902-916.	2.9	3
166	A Physically Based Climatology of the Occurrence and Intensification of Australian East Coast Lows. Journal of Climate, 2019, 32, 2823-2841.	3.2	13
167	Impact of air-sea coupling on the simulated global tropical cyclone activity in the high-resolution Community Earth System Model (CESM). Climate Dynamics, 2019, 53, 3731-3750.	3.8	6
168	The Disaster Risk, Global Change, and Sustainability Nexus. Sustainability, 2019, 11, 957.	3.2	60

#	ARTICLE	IF	CITATIONS
169	Spatiotemporal Patterns and Evolution of Storm Surge Threats along the Southeastern Coastline of China. <i>Atmosphere</i> , 2019, 10, 61.	2.3	7
170	Cyclone avoidance behaviour by foraging seabirds. <i>Scientific Reports</i> , 2019, 9, 5400.	3.3	28
171	Hurricane Risk. <i>Hurricane Risk B</i> , 2019, , .	0.5	5
172	Tropical cyclones and climate change. <i>Tropical Cyclone Research and Review</i> , 2019, 8, 240-250.	2.2	57
173	Changes of tropical cyclone activity in a warming world are sensitive to sea surface temperature environment. <i>Environmental Research Letters</i> , 2019, 14, 124052.	5.2	3
174	Strong Disturbance Impact of Tropical Cyclone Lionrock (2016) on Korean Pine-Broadleaved Forest in the Middle Sikhote-Alin Mountain Range, Russian Far East. <i>Forests</i> , 2019, 10, 1017.	2.1	7
175	Normalized US hurricane damage estimates using area of total destruction, 1900âˆ™2018. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23942-23946.	7.1	56
176	Impacts of Extratropical Weather Perturbations on Tropical Cyclone Activity: Idealized Sensitivity Experiments With a Regional Atmospheric Model. <i>Geophysical Research Letters</i> , 2019, 46, 14052-14062.	4.0	7
177	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
178	Impacts of Fire and Flood on Land-Surfaceâ€™Atmosphere Energetics in a Sub-tropical Barrier Island Freshwater Swamp. <i>Boundary-Layer Meteorology</i> , 2019, 171, 129-149.	2.3	0
179	Typhoon-induced changes in rainfall interception loss from a tropical multi-species â€™reforestâ€™™. <i>Journal of Hydrology</i> , 2019, 568, 658-675.	5.4	11
180	Interâ€™decadal variability of the location of maximum intensity of category 4â€™5 typhoons and its implication on landfall intensity in East Asia. <i>International Journal of Climatology</i> , 2019, 39, 1839-1852.	3.5	7
181	Projections of southern hemisphere tropical cyclone track density using CMIP5 models. <i>Climate Dynamics</i> , 2019, 52, 6065-6079.	3.8	22
182	Tropical cyclogenesis in warm climates simulated by a cloud-system resolving model. <i>Climate Dynamics</i> , 2019, 52, 107-127.	3.8	27
183	Tropical Cyclones and Climate Change Assessment: Part II: Projected Response to Anthropogenic Warming. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E303-E322.	3.3	573
184	Decadal variability of tropical cyclogenesis and decay in the southwest Pacific. <i>International Journal of Climatology</i> , 2020, 40, 2811-2829.	3.5	16
185	Global warming changes tropical cyclone translation speed. <i>Nature Communications</i> , 2020, 11, 47.	12.8	104
186	Relationship between Antarctic Oscillation and the genesis activity of the yearly latest tropical cyclone in the western North Pacific. <i>International Journal of Climatology</i> , 2020, 40, 4228-4241.	3.5	3

#	ARTICLE	IF	CITATIONS
187	Future changes in Atlantic hurricanes with the rotated-stretched ARPEGE-Climat at very high resolution. <i>Climate Dynamics</i> , 2020, 54, 947-972.	3.8	20
188	Exploring Controls on Tropical Cyclone Count through the Geography of Environmental Favorability. <i>Journal of Climate</i> , 2020, 33, 1725-1745.	3.2	15
189	Mitigating the Twin Threats of Climate-Driven Atlantic Hurricanes and COVID-19 Transmission. <i>Disaster Medicine and Public Health Preparedness</i> , 2020, 14, 494-503.	1.3	35
190	Slower decay of landfalling hurricanes in a warming world. <i>Nature</i> , 2020, 587, 230-234.	27.8	98
191	Enhancing New York City's resilience to sea level rise and increased coastal flooding. <i>Urban Climate</i> , 2020, 33, 100654.	5.7	23
192	Hurricane-induced power outage risk under climate change is primarily driven by the uncertainty in projections of future hurricane frequency. <i>Scientific Reports</i> , 2020, 10, 15270.	3.3	18
194	Ocean heat content and its role in tropical cyclogenesis for the Bay of Bengal basin. <i>Climate Dynamics</i> , 2020, 55, 3343-3362.	3.8	23
195	Tropical cyclones and island area shape species abundance distributions of local tree communities. <i>Oikos</i> , 2020, 129, 1856-1866.	2.7	6
196	The Impact of Storm-Induced SST Cooling on Storm Size and Destructiveness: Results from Atmosphere-Ocean Coupled Simulations. <i>Journal of Meteorological Research</i> , 2020, 34, 1068-1081.	2.4	9
197	Wind-waves in the coast of mainland Portugal induced by post-tropical storms. <i>Ocean Engineering</i> , 2020, 217, 108020.	4.3	8
198	Recent Increase in Tropical Cyclone Weakening Rates Over the Western North Pacific. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090337.	4.0	2
199	Detected climatic change in global distribution of tropical cyclones. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10706-10714.	7.1	123
200	Global increase in major tropical cyclone exceedance probability over the past four decades. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11975-11980.	7.1	271
201	Hadley cell expansion in CMIP6 models. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5249-5268.	4.9	78
202	Rare species of wood-inhabiting fungi are not local. <i>Ecological Applications</i> , 2020, 30, e02156.	3.8	3
204	Spatial Variability of Beach Impact from Post-Tropical Cyclone Katia (2011) on Northern Ireland's North Coast. <i>Water (Switzerland)</i> , 2020, 12, 1380.	2.7	18
205	Recent increase in extreme intensity of tropical cyclones making landfall in South China. <i>Climate Dynamics</i> , 2020, 55, 1059-1074.	3.8	32
206	Sea surface current response patterns to tropical cyclones. <i>Journal of Marine Systems</i> , 2020, 208, 103345.	2.1	19

#	ARTICLE	IF	CITATIONS
207	Increase in the Number of Tropical Cyclones Approaching Tokyo since 1980. Journal of the Meteorological Society of Japan, 2020, 98, 775-786.	1.8	13
208	Towards modelling the future risk of cyclone wave damage to the world's coral reefs. Global Change Biology, 2020, 26, 4302-4315.	9.5	31
209	Projected Future Changes in Tropical Cyclones Using the CMIP6 HighResMIP Multimodel Ensemble. Geophysical Research Letters, 2020, 47, e2020GL088662.	4.0	119
210	Influence of planting density and thinning on timber productivity and resistance to wind damage in Japanese larch (<i>Larix kaempferi</i>) forests. Journal of Environmental Management, 2020, 268, 110298.	7.8	11
211	Upwelling spike and marked SST drop after the arrival of cyclone Dorian to the Atlantic Canadian coast. Journal of Sea Research, 2020, 159, 101888.	1.6	5
212	A Shortening of the Life Cycle of Major Tropical Cyclones. Geophysical Research Letters, 2020, 47, e2020GL088589.	4.0	22
213	Superiority of Mega-ENSO Index in the Seasonal Prediction of Tropical Cyclone Activity Over the Western North Pacific. Earth and Space Science, 2020, 7, e2019EA001009.	2.6	4
214	Tropical Cyclone Impacts on Headland Protected Bay. Geosciences (Switzerland), 2020, 10, 190.	2.2	3
215	An increase in global trends of tropical cyclone translation speed since 1982 and its physical causes. Environmental Research Letters, 2020, 15, 094084.	5.2	19
216	Fire and Rain: The Legacy of Hurricane Lane in Hawai'i. Bulletin of the American Meteorological Society, 2020, 101, E954-E967.	3.3	11
217	Landscape Representation by a Permanent Forest Plot and Alternative Plot Designs in a Typhoon Hotspot, Fushan, Taiwan. Remote Sensing, 2020, 12, 660.	4.0	4
218	Third assessment on impacts of climate change on tropical cyclones in the Typhoon Committee Region – Part I: Observed changes, detection and attribution. Tropical Cyclone Research and Review, 2020, 9, 1-22.	2.2	48
219	Interdecadal Changes of Characteristics of Tropical Cyclone Rapid Intensification Over Western North Pacific. IEEE Access, 2020, 8, 15781-15791.	4.2	7
220	Changes in Tropical-Cyclone Translation Speed over the Western North Pacific. Atmosphere, 2020, 11, 93.	2.3	16
221	Impact of Model Resolution on Tropical Cyclone Simulation Using the HighResMIP – PRIMAVERA Multimodel Ensemble. Journal of Climate, 2020, 33, 2557-2583.	3.2	141
222	Interannual and interdecadal impact of Western North Pacific Subtropical High on tropical cyclone activity. Climate Dynamics, 2020, 54, 2237-2248.	3.8	20
223	Land-falling tropical cyclones on the queensland coast -and implications of climate change for wind loads. Australian Journal of Structural Engineering, 2020, 21, 135-142.	1.1	4
224	Application of the Cyclone Phase Space to Extratropical Transition in a Global Climate Model. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS001878.	3.8	13

#	ARTICLE	IF	CITATIONS
225	Tropical cyclones in a warming climate. <i>Science China Earth Sciences</i> , 2020, 63, 456-458.	5.2	13
226	Coastal impacts of super typhoon Hagibis on Greater Tokyo and Shizuoka areas, Japan. <i>Coastal Engineering Journal</i> , 2020, 62, 129-145.	1.9	29
227	Southern hemisphere tropical cyclones: A critical analysis of regional characteristics. <i>International Journal of Climatology</i> , 2021, 41, 146-161.	3.5	9
229	Statistical physics approaches to the complex Earth system. <i>Physics Reports</i> , 2021, 896, 1-84.	25.6	79
230	Analysis of trends in disaster risk. <i>International Journal of Disaster Risk Reduction</i> , 2021, 53, 101989.	3.9	9
231	On the seasonal and sub-seasonal factors influencing East China tropical cyclone landfall. <i>Atmospheric Science Letters</i> , 2021, 22, e1014.	1.9	5
232	An Examination of Shallow-Water Hydroids (Cnidaria, Hydrozoa, Hydroidolina) in Cape Breton, Nova Scotia, Using Morphology and DNA Barcoding. <i>Northeastern Naturalist</i> , 2021, 28, .	0.3	3
233	Modeling extreme climatic events using the generalized extreme value (GEV) distribution. <i>Handbook of Statistics</i> , 2021, , 39-71.	0.6	9
234	Northern poleward edge of regional Hadley cell over western Pacific during boreal winter: year-to-year variability, influence factors and associated winter climate anomalies. <i>Climate Dynamics</i> , 2021, 56, 3643-3664.	3.8	8
235	Coastal destruction and unusual wave spectra induced by Typhoon Faxai in 2019. <i>Coastal Engineering Journal</i> , 2021, 63, 92-105.	1.9	15
236	Tropical Cyclones Downscaled from Simulations of the Last Glacial Maximum. <i>Journal of Climate</i> , 2021, 34, 659-674.	3.2	5
238	Recent migration of tropical cyclones toward coasts. <i>Science</i> , 2021, 371, 514-517.	12.6	119
239	Effects of climate change on spatiotemporal patterns of tropical cyclone tracks and their implications for coastal agriculture in Myanmar. <i>Paddy and Water Environment</i> , 2021, 19, 261-269.	1.8	8
240	Increasing lifetime maximum intensity of rapidly intensifying tropical cyclones over the western North Pacific. <i>Environmental Research Letters</i> , 2021, 16, 034002.	5.2	7
241	Projected Characteristic Changes of a Typical Tropical Cyclone under Climate Change in the South West Indian Ocean. <i>Atmosphere</i> , 2021, 12, 232.	2.3	8
242	Low Pressure Systems and Extreme Precipitation in Southeast and East Asian Monsoon Regions. <i>Journal of Climate</i> , 2021, 34, 1147-1162.	3.2	10
243	Tropical cyclones over the western north Pacific since the mid-nineteenth century. <i>Climatic Change</i> , 2021, 164, 1.	3.6	10
244	Idealized Aquaplanet Simulations of Tropical Cyclone Activity: Significance of Temperature Gradients, Hadley Circulation, and Zonal Asymmetry. <i>Journals of the Atmospheric Sciences</i> , 2021, 78, 877-902.	1.7	8

#	ARTICLE	IF	CITATIONS
245	Metrics for evaluating tropical cyclones in climate data. Journal of Applied Meteorology and Climatology, 2021, , .	1.5	20
246	The Combined Effects of SST and the North Atlantic Subtropical High-Pressure System on the Atlantic Basin Tropical Cyclone Interannual Variability. Atmosphere, 2021, 12, 329.	2.3	6
247	Tropical cyclone exposure is associated with increased hospitalization rates in older adults. Nature Communications, 2021, 12, 1545.	12.8	39
248	Estimation of Extreme Significant Wave Height in the Northwest Pacific Using Satellite Altimeter Data Focused on Typhoons (1992â€“(2016). Remote Sensing, 2021, 13, 1063.	4.0	11
249	ReNovRisk: a multidisciplinary programme to study the cyclonic risks in the South-West Indian Ocean. Natural Hazards, 2021, 107, 1191-1223.	3.4	9
250	The slowdown tends to be greater for stronger tropical cyclones. Journal of Climate, 2021, , 1-43.	3.2	2
251	Digital Twin-Driven Human-Centered Design Frameworks for Meeting Sustainability Objectives. Journal of Computing and Information Science in Engineering, 2021, 21, .	2.7	11
252	Impact of Tropical Cyclones on Inhabited Areas of the SWIO Basin at Present and Future Horizons. Part 1: Overview and Observing Component of the Research Project RENOVRIK-CYCLONE. Atmosphere, 2021, 12, 544.	2.3	16
253	Variations of rapidly intensifying tropical cyclones and their landfalls in the Western North Pacific. Coastal Engineering Journal, 2021, 63, 142-159.	1.9	6
254	Evaluating physical climate risk for equity funds with quantitative modelling â€“ how exposed are sustainable funds?. Journal of Sustainable Finance and Investment, 2023, 13, 893-918.	6.8	5
255	Impact of Tropical Cyclones on Inhabited Areas of the SWIO Basin at Present and Future Horizons. Part 2: Modeling Component of the Research Program RENOVRIK-CYCLONE. Atmosphere, 2021, 12, 689.	2.3	5
256	Historical Variability and Lifecycles of North Atlantic Midlatitude Cyclones Originating in the Tropics. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033924.	3.3	11
257	The Response of Extratropical Transition of Tropical Cyclones to Climate Change: Quasi-Idealized Numerical Experiments. Journal of Climate, 2021, 34, 4361-4381.	3.2	12
258	Landfalling tropical cyclone characteristics and their multiâ€“timescale variability connected to monsoon and easterly formation environments over the western North Pacific. Quarterly Journal of the Royal Meteorological Society, 2021, 147, 2953-2977.	2.7	6
259	Is the tropical cyclone surge in Shanghai more sensitive to landfall location or intensity change?. Atmospheric Science Letters, 2021, 22, e1058.	1.9	5
260	Climate change and extreme weather: A review focusing on the continental United States. Journal of the Air and Waste Management Association, 2021, 71, 1186-1209.	1.9	9
261	An integrated framework of coastal flood modelling under the failures of sea dikes: a case study in Shanghai. Natural Hazards, 2021, 109, 671-703.	3.4	7
262	Large volcanic eruptions reduce landfalling tropical cyclone activity: Evidence from tree rings. Science of the Total Environment, 2021, 775, 145899.	8.0	13

#	ARTICLE	IF	CITATIONS
264	A Westward Shift in Tropical Cyclone Potential Intensity and Genesis Regions in the North Atlantic During the Last Interglacial. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093946.	4.0	4
266	Roles of interdecadal variability of the western North Pacific monsoon trough in shifting tropical cyclone formation. <i>Climate Dynamics</i> , 2022, 58, 87-95.	3.8	8
267	Wind damage to forests and trees: a review with an emphasis on planted and managed forests. <i>Journal of Forest Research</i> , 2021, 26, 248-266.	1.4	45
268	Large sharks exhibit varying behavioral responses to major hurricanes. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 256, 107373.	2.1	11
269	Poleward migration of tropical cyclones and its related typological characteristics of seasonal maximum precipitation in China. <i>International Journal of Climatology</i> , 2022, 42, 1660-1669.	3.5	3
270	Effect of Mid-Latitude Jet Stream on the Intensity of Tropical Cyclones Affecting Korea: Observational Analysis and Implication from the Numerical Model Experiments of Typhoon Chaba (2016). <i>Atmosphere</i> , 2021, 12, 1061.	2.3	1
271	Distinct Interdecadal Change Contrasts Between Summer and Autumn in Latitude-Longitude Covariability of Northwest Pacific Typhoon Genesis Locations. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093494.	4.0	5
272	Decreasing Trend of Western North Pacific Tropical Cyclone Inner-Core Size over the Past Decades. <i>Journal of Meteorological Research</i> , 2021, 35, 635-645.	2.4	4
273	Double benefit of limiting global warming for tropical cyclone exposure. <i>Nature Climate Change</i> , 2021, 11, 861-866.	18.8	35
274	Impact of Seasonality in the North Atlantic Jet Stream and Storm Migration on the Seasonality of Hurricane Translation Speed Changes. <i>Journal of Climate</i> , 2021, 34, 7409-7419.	3.2	2
275	Beyond the hockey stick: Climate lessons from the Common Era. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	22
276	Tropical Cyclone Footprints in Long-Term Mean State and Multiscale Climate Variability in the Western North Pacific as Seen in the JRA-55 Reanalysis. <i>Journal of Climate</i> , 2021, 34, 7443-7460.	3.2	3
277	Multi-cyclone analysis and machine learning model implications of cyclone effects on forests. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 103, 102528.	2.8	2
278	Increasing TCHP in the Western North Pacific and Its Influence on the Intensity of FAXAI and HAGIBIS in 2019. <i>Scientific Online Letters on the Atmosphere</i> , 2021, 17A, 29-32.	1.4	8
279	Meridional oscillation of tropical cyclone activity in the western North Pacific during the past 110 years. <i>Climatic Change</i> , 2021, 164, 1.	3.6	10
280	Increased tropical cyclone risk to coasts. <i>Science</i> , 2021, 371, 458-459.	12.6	16
281	Increasing Trends in Tropical Cyclone Induced Surge Impacts Over North Indian Ocean. <i>Disaster Risk Reduction</i> , 2021, , 37-50.	0.4	0
282	Extreme weather and climate change. , 2021, , 359-372.		3

#	ARTICLE	IF	CITATIONS
283	Impact of climate change on intense Bay of Bengal tropical cyclones of the post-monsoon season: a pseudo global warming approach. <i>Climate Dynamics</i> , 2021, 56, 2855-2879.	3.8	31
284	Response of Global Tropical Cyclone Activity to Increasing CO ₂ : Results from Downscaling CMIP6 Models. <i>Journal of Climate</i> , 2021, 34, 57-70.	3.2	105
285	Tree canopy accession strategy changes along the latitudinal gradient of temperate Northeast Asia. <i>Global Ecology and Biogeography</i> , 2021, 30, 738-748.	5.8	8
286	Observed warming trend in sea surface temperature at tropical cyclone genesis. <i>Geophysical Research Letters</i> , 2017, 44, 1034-1040.	4.0	17
287	Global atmospheric moisture transport associated with precipitation extremes: Mechanisms and climate change impacts. <i>Wiley Interdisciplinary Reviews: Water</i> , 2020, 7, e1412.	6.5	47
288	Poleward Migration of Tropical Cyclone Activity in the Southern Hemisphere: Perspectives and Challenges for the Built Environment in Australia. <i>Hurricane Risk B</i> , 2019, , 199-214.	0.5	2
289	Integrated Kinetic Energy in North Atlantic Tropical Cyclones: Climatology, Analysis, and Seasonal Applications. <i>Hurricane Risk B</i> , 2019, , 43-69.	0.5	1
290	A Review of South Pacific Tropical Cyclones: Impacts of Natural Climate Variability and Climate Change. <i>Springer Climate</i> , 2020, , 251-273.	0.6	10
291	Inland Tropical Cyclones and the “Brown Ocean” Concept. , 2017, , 117-134.		12
292	Coping with Higher Sea Levels and Increased Coastal Flooding in New York City. <i>Climate Change Management</i> , 2017, , 209-223.	0.8	2
293	Recent Weakening in Interannual Variability of Mean Tropical Cyclogenesis Latitude over the Western North Pacific during Boreal Summer. <i>Journal of Meteorological Research</i> , 2020, 34, 1183-1198.	2.4	4
294	An Unprecedented Set of High-Resolution Earth System Simulations for Understanding Multiscale Interactions in Climate Variability and Change. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002298.	3.8	104
295	Increasing trend in rapid intensification magnitude of tropical cyclones over the western North Pacific. <i>Environmental Research Letters</i> , 2020, 15, 084043.	5.2	33
296	Intensity Change of Typhoon Nancy (1961) during Landfall in a Moist Environment over Japan: A Numerical Simulation with Spectral Nudging. <i>Journals of the Atmospheric Sciences</i> , 2020, 77, 1429-1454.	1.7	9
297	Statistical–Dynamical Downscaling Projections of Tropical Cyclone Activity in a Warming Climate: Two Diverging Genesis Scenarios. <i>Journal of Climate</i> , 2020, 33, 4815-4834.	3.2	69
298	Response of the Asian Summer Monsoon Precipitation to Global Warming in a High-Resolution Global Nonhydrostatic Model. <i>Journal of Climate</i> , 2020, 33, 8147-8164.	3.2	8
299	Characteristics of Tropical Cyclones in the Southwest Pacific. <i>Journal of the Meteorological Society of Japan</i> , 2019, 97, 711-731.	1.8	7
300	Future Changes in Typhoon-Related Precipitation in Eastern Hokkaido. <i>Scientific Online Letters on the Atmosphere</i> , 2019, 15, 244-249.	1.4	8

#	ARTICLE	IF	CITATIONS
301	Future Changes of Tropical Cyclones in the Midlatitudes in 4-km-mesh Downscaling Experiments from Large-Ensemble Simulations. Scientific Online Letters on the Atmosphere, 2020, 16, 57-63.	1.4	9
304	Tropical cyclone landfalls south of the Tropic of Capricorn, southwest Indian Ocean. Climate Research, 2019, 79, 23-37.	1.1	10
305	A Sentinel-1 Based Processing Chain for Detection of Cyclonic Flood Impacts. Remote Sensing, 2020, 12, 252.	4.0	10
307	Tropical cyclone genesis potential across palaeoclimates. Climate of the Past, 2015, 11, 1433-1451.	3.4	18
308	An intercomparison of tropical cyclone best-track products for the southwest Pacific. Natural Hazards and Earth System Sciences, 2016, 16, 1431-1447.	3.6	24
309	Synoptic Analysis on the Trend of Northward Movement of Tropical Cyclone with Maximum Intensity. Journal of the Korean Earth Science Society, 2015, 36, 171-180.	0.2	3
314	Conversion of the Knutson et al. (2020) Tropical Cyclone Climate Change Projections to Risk Model Baselines. Journal of Applied Meteorology and Climatology, 2021, , .	1.5	1
315	Poleward migration of western North Pacific tropical cyclones related to changes in cyclone seasonality. Nature Communications, 2021, 12, 6210.	12.8	35
317	Trace Metals as a Tool for Chronostratigraphy in Sediment Cores from South Shore Barrier Beach Marshes in Long Island, NY. , 2015, , 107-123.		0
318	Unusually rapid intensification of Typhoon Man-yi in 2013 under preexisting warm-water conditions near the Kuroshio front south of Japan. , 2016, , 131-156.		0
319	Reply to "Comments on "Monitoring and Understanding Trends in Extreme Storms: State of Knowledge" Bulletin of the American Meteorological Society, 2016, 2016, 1177-1179.	3.3	0
320	ON THE EFFECTS OF A LONG-TERM YEARLY VARIATION OF TROPICAL CYCLONES ON THE STORM SURGE POTENTIAL IN JAPANESE THREE MAJOR BAYS. Journal of Japan Society of Civil Engineers Ser B2 (Coastal) Tj ETQq1 b04784310 rgBT /Ove		0
321	Modelling the Frequency of Tropical Cyclones in the Lower Caribbean Region. Advances in Environmental Engineering and Green Technologies Book Series, 2017, , 341-349.	0.4	0
322	Storm Surge. Encyclopedia of Earth Sciences Series, 2017, , 1-5.	0.1	0
323	A NUMERICAL ANALYSIS ON THE PATH OF TYPHOON LIONROCK (2016) USING THE PIECEWISE POTENTIAL VORTICITY INVERSION TECHNIQUE. Journal of Japan Society of Civil Engineers Ser B2 (Coastal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 17		0
325	Identificaci3n de cambios en la ciclog3nesis del Atl3ntico Norte mediante un modelo de mezclas Gaussianas. Tecnologia Y Ciencias Del Agua, 2017, 08, 05-18.	0.3	0
326	Natural Hazards. Encyclopedia of Earth Sciences Series, 2018, , 1-10.	0.1	0
327	Storm Surge. Encyclopedia of Earth Sciences Series, 2019, , 1627-1631.	0.1	1

#	ARTICLE	IF	CITATIONS
328	Natural Hazards. Encyclopedia of Earth Sciences Series, 2019, , 1233-1242.	0.1	0
329	Estimation of Frequency of Storm Surge Heights on the West and South Coasts of Korea Using Synthesized Typhoons. Journal of Korean Society of Coastal and Ocean Engineers, 2019, 31, 241-252.	0.4	5
330	The inverse influence of MJO on the cyclogenesis in the north Indian Ocean. Atmospheric Research, 2022, 265, 105880.	4.1	5
331	Impact of amphan cyclone on environment modification. Geomatics, Natural Hazards and Risk, 2021, 12, 3114-3139.	4.3	0
332	The Increasing Frequency of Tropical Cyclones in the Northeastern Atlantic Sector. Frontiers in Earth Science, 2021, 9, .	1.8	6
333	Acceleration of tropical cyclones as a proxy for extratropical interactions: synoptic-scale patterns and long-term trends. Weather and Climate Dynamics, 2021, 2, 1051-1072.	3.5	2
334	Enhanced understanding of poleward migration of tropical cyclone genesis. Environmental Research Letters, 2020, 15, 104062.	5.2	11
335	Why Satellite Radiothermovision?. , 2021, , 13-40.		0
336	Satellite Radiothermovision of Global Atmospheric Circulation. , 2021, , 151-174.		0
337	Hurricane Risk and Asset Prices. SSRN Electronic Journal, 0, , .	0.4	1
338	Poleward Shift in Tropical Cyclone Tracks in the Northwest Pacific During Warm Periods: Past and Future. Paleoceanography and Paleoclimatology, 2021, 36, e2021PA004367.	2.9	6
339	Pacific Warming Pattern Diversity Modulated by Indoâ€Pacific Sea Surface Temperature Gradient. Geophysical Research Letters, 2021, 48, e2021GL095516.	4.0	5
340	Recent tropical cyclone changes inferred from ocean surface temperature cold wakes. Scientific Reports, 2021, 11, 22269.	3.3	10
341	Tropical Cyclone Frequency. Earth's Future, 2021, 9, .	6.3	46
342	Evolving Tropical Cyclone Tracks in the North Atlantic in a Warming Climate. Earth's Future, 2021, 9, e2021EF002326.	6.3	22
343	Social physics. Physics Reports, 2022, 948, 1-148.	25.6	231
344	Interannual and Interdecadal Drivers of Meridional Migration of Western North Pacific Tropical Cyclone Lifetime Maximum Intensity Location. Journal of Climate, 2022, 35, 2709-2722.	3.2	17
346	Growing Threat of Rapidly-Intensifying Tropical Cyclones in East Asia. Advances in Atmospheric Sciences, 2022, 39, 222-234.	4.3	14

#	ARTICLE	IF	CITATIONS
347	Forest Structure and Composition Are Critical to Hurricane Mortality. <i>Forests</i> , 2022, 13, 202.	2.1	7
348	Decoding the dynamics of poleward shifting climate zones using aqua-planet model simulations. <i>Climate Dynamics</i> , 2022, 58, 3513-3526.	3.8	9
349	Northward Shift in Landfall Locations of Tropical Cyclones over the Western North Pacific during the Last Four Decades. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 304-319.	4.3	6
350	A 50-Year Tropical Cyclone Exposure Climatology in Southeast Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	8
351	A new norm for seasonal sea ice advance predictability in the Chukchi Sea: rising influence of ocean heat advection. <i>Journal of Climate</i> , 2022, , 1-35.	3.2	1
352	Challenge of climate change. , 2022, , 39-104.		0
353	On the intensity decay of tropical cyclones before landfall. <i>Scientific Reports</i> , 2022, 12, 3288.	3.3	7
354	Feedback of tropical cyclones on El Niño diversity. Part II: possible mechanism and prediction. <i>Climate Dynamics</i> , 2022, 59, 715-735.	3.8	5
355	Climate Variability and Tropical Cyclones. , 2022, , 99-200.		0
356	More tropical cyclones are striking coasts with major intensities at landfall. <i>Scientific Reports</i> , 2022, 12, 5236.	3.3	18
357	Convection-Permitting WRF Simulations of Tropical Cyclones Over the North Indian Ocean. <i>Pure and Applied Geophysics</i> , 2022, 179, 1333-1363.	1.9	2
358	Tree dynamic response and survival in a category-5 tropical cyclone: The case of super typhoon Trami. <i>Science Advances</i> , 2022, 8, eabm7891.	10.3	14
359	What Governs the Interannual Variability of Recurring North Atlantic Tropical Cyclones?. <i>Journal of Climate</i> , 2022, 35, 3627-3641.	3.2	6
360	Latitudinal Variation of the Lifetime Maximum Intensity Location of Atlantic Tropical Cyclones Controlled by the Atlantic Multidecadal Oscillation. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	1
361	Where are People Dying in Disasters, and Where is it Being Studied? A Mapping Review of Scientific Articles on Tropical Cyclone Mortality in English and Chinese. <i>Prehospital and Disaster Medicine</i> , 2022, 37, 409-416.	1.3	2
362	Dramatic temperature variations in the Yellow Sea during the passage of typhoon Lekima (2019). <i>Estuarine, Coastal and Shelf Science</i> , 2022, 269, 107819.	2.1	8
363	Is Hadley Cell Expanding?. <i>Atmosphere</i> , 2021, 12, 1699.	2.3	12
364	Climate change and China's coastal zones and seas: Impacts, risks, and adaptation. <i>Chinese Journal of Population Resources and Environment</i> , 2021, 19, 304-310.	2.7	12

#	ARTICLE	IF	CITATIONS
365	Stormier mid-Holocene southwest Indian Ocean due to poleward trending tropical cyclones. <i>Nature Geoscience</i> , 2022, 15, 60-66.	12.9	5
366	Poleward expansion of tropical cyclone latitudes in warming climates. <i>Nature Geoscience</i> , 2022, 15, 14-28.	12.9	63
367	Theoretical Study and Numerical Experiment on the Influence of Trend Changes on Correlation Coefficient. <i>Atmosphere</i> , 2022, 13, 66.	2.3	0
374	Changes in the length of the season with favorable environmental conditions for tropical cyclones in the North Atlantic basin during the last 40 years. <i>Journal of Climate</i> , 2022, , 1-40.	3.2	1
375	A globally consistent local-scale assessment of future tropical cyclone risk. <i>Science Advances</i> , 2022, 8, eabm8438.	10.3	41
376	The interannual synchronization of the heatwave days in Korea and western North Pacific tropical cyclone genesis frequency. <i>International Journal of Climatology</i> , 0, , .	3.5	0
377	Substantial global influence of anthropogenic aerosols on tropical cyclones over the past 40 years. <i>Science Advances</i> , 2022, 8, eabn9493.	10.3	24
378	Cyclone Impacts on Coral Reef Communities in Southwest Madagascar. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	5
379	Sensitivity of physical schemes on simulation of severe cyclones over Bay of Bengal using WRF-ARW model. <i>Theoretical and Applied Climatology</i> , 2022, 149, 993-1007.	2.8	3
380	Interdecadal changes of tropical cyclone intensity in the South China Sea. <i>Climate Dynamics</i> , 2023, 60, 409-425.	3.8	5
381	Trends of Tropical Cyclone Translation Speed over the Western North Pacific during 1980~2018. <i>Atmosphere</i> , 2022, 13, 896.	2.3	2
385	An analytic model of the tropical cyclone outer size. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	6.8	6
386	Rapid Growth of Outer Size of Tropical Cyclones: A New Perspective on Their Destructive Potential. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	4
387	Severe tropical cyclones over southwest Pacific Islands: economic impacts and implications for disaster risk management. <i>Climatic Change</i> , 2022, 172, .	3.6	4
388	Decrease of Annually Accumulated Tropical Cyclone-Induced Sea Surface Cooling and Diapycnal Mixing in Recent Decades. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	5
389	Global decline in frequency. <i>Nature Climate Change</i> , 2022, 12, 615-617.	18.8	2
390	Influence of Track Change on the Inconsistent Poleward Migration of Typhoon Activity. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	5
391	Tropical Cyclones. <i>Atmosphere - Ocean</i> , 2022, 60, 360-398.	1.6	6

#	ARTICLE	IF	CITATIONS
392	Tropical cyclone climatology, variability, and trends in the Tonga region, Southwest Pacific. Weather and Climate Extremes, 2022, 37, 100483.	4.1	4
393	Tropical cyclones moving into boreal forests: Relationships between disturbance areas and environmental drivers. Science of the Total Environment, 2022, 844, 156931.	8.0	3
395	Recent decrease in western North Pacific tropical cyclone rapid intensification during June. Atmospheric Science Letters, 0, , .	1.9	0
396	Climatology of Different Classifications of Tropical Cyclones Landfalling in Guangdong Province of China during 1951â€“2020. Atmosphere, 2022, 13, 1306.	2.3	2
397	Recent Weakening of the Relationship between <scp>ENSO</scp> and Western North Pacific Tropical Cyclone Season Onset Date. International Journal of Climatology, 0, , .	3.5	0
398	Changes of Tropical Cyclones Landfalling in China From 1979 to 2018. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	3
399	Enhanced understanding of changes in tropical cyclonesâ€™ landfall frequency over mainland China. Frontiers in Earth Science, 0, 10, .	1.8	0
400	An Analysis of Translation Distance of Tropical Cyclones over the Western North Pacific. Journal of Climate, 2022, 35, 7643-7660.	3.2	2
401	Examinations on global changes in the total and spatial extent of tropical cyclone precipitation relating to rapid intensification. Science of the Total Environment, 2022, 853, 158555.	8.0	1
402	Using large climate model ensembles to assess historical and future tropical cyclone activity along the Australian east coast. Weather and Climate Extremes, 2022, 38, 100507.	4.1	2
403	Hurricane Risk Management Strategies for Insurers in a Changing Climate. Hurricane Risk B, 2022, , 1-23.	0.5	1
404	Climate Change Impacts to Hurricane-Induced Wind and Storm Surge Losses for Three Major Metropolitan Regions in the U.S.. Hurricane Risk B, 2022, , 161-205.	0.5	0
405	The Response of Hurricane Inland Penetration to the Nearshore Translation Speed. Hurricane Risk B, 2022, , 43-56.	0.5	0
406	Natural and anthropogenic contributions to the hurricane drought of the 1970sâ€“1980s. Nature Communications, 2022, 13, .	12.8	9
407	Market response to typhoons: The role of information and expectations. Southern Economic Journal, 0, , .	2.1	0
408	Classification of tropical cyclone containing images using a convolutional neural network: performance and sensitivity to the learning dataset. Geoscientific Model Development, 2022, 15, 7051-7073.	3.6	3
409	Flood Risk to Hospitals on the United States Atlantic and Gulf Coasts From Hurricanes and Sea Level Rise. GeoHealth, 2022, 6, .	4.0	2
410	Possible reasons for the migration of tropical cyclone track over the western north pacific: Interdecadal pacific oscillation modulation. Frontiers in Earth Science, 0, 10, .	1.8	3

#	ARTICLE	IF	CITATIONS
411	Changes in extreme rainfall over mainland China induced by landfalling tropical cyclones. Environmental Research Communications, 0, , .	2.3	2
412	Large-scale atmospheric features favoring the tropical cyclone activity affecting the Guangdong-Hong Kong-Macao Greater Bay Area of China. Environmental Research Letters, 2022, 17, 104057.	5.2	7
413	Increasing risk from landfalling tropical cyclone-heatwave compound events to coastal and inland China. Environmental Research Letters, 2022, 17, 105007.	5.2	5
414	Clustering tropical cyclone genesis on ENSO timescales in the Southwest Pacific. Climate Dynamics, 0, , .	3.8	2
415	The Nature of Climate-Related Disasters in Australia. , 2022, , 57-79.		1
416	Cyclones. , 2022, , 81-84.		0
417	Altered cyclone-fire interactions are changing ecosystems. Trends in Plant Science, 2022, 27, 1218-1230.	8.8	10
418	Cyclone generation Algorithm including a THERmodynamic module for Integrated National damage Assessment (CATHERINA 1.0) compatible with Coupled Model Intercomparison Project (CMIP) climate data. Geoscientific Model Development, 2022, 15, 8001-8039.	3.6	0
419	Characterizing Drivers of Asia's Black Elephant Disaster Risks. Earth's Future, 2022, 10, .	6.3	1
420	A potential explanation for the global increase in tropical cyclone rapid intensification. Nature Communications, 2022, 13, .	12.8	17
421	Implications of tropical cyclones on damage and potential recovery and restoration of logged forests in Vietnam. Philosophical Transactions of the Royal Society B: Biological Sciences, 2023, 378, .	4.0	4
422	Simulation and Projection of Tropical Cyclone Activities over the Western North Pacific by CMIP6 HighResMIP. Journal of Climate, 2022, 35, 7771-7794.	3.2	3
423	Environmental characteristics of western North Pacific-tropical-cyclone-onset-in neutral ENSO years. Climate Dynamics, 2023, 61, 413-429.	3.8	1
424	Can low-resolution CMIP6 ScenarioMIP models provide insight into future European post-tropical-cyclone risk?. Weather and Climate Dynamics, 2022, 3, 1359-1379.	3.5	2
425	Increase in tropical cyclone rain rate with translation speed. Nature Communications, 2022, 13, .	12.8	5
426	The earlier end of the tropical cyclone season over the Western North Pacific by environmental cyclogenesis factors. Climate Dynamics, 0, , .	3.8	0
427	Climate change hotspots and implications for the global subsea telecommunications network. Earth-Science Reviews, 2023, 237, 104296.	9.1	5
428	Hazard assessment and hydrodynamic, morphodynamic, and hydrological response to Hurricane Gamma and Hurricane Delta on the northern Yucatán Peninsula. Natural Hazards and Earth System Sciences, 2022, 22, 4063-4085.	3.6	2

#	ARTICLE	IF	CITATIONS
429	Higher Nighttime Rates of CaCO ₃ Dissolution in the Nature Reserve Reef, Eilat, Israel in 2015–2016 Compared to 2000–2002. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2023, 128, .	3.0	1
430	Three-Dimensional Temperature Responses to Northward-Moving Typhoons in the Shallow Stratified Yellow Sea in Summer. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	3
431	Do Solar Cycles Share Spectral Properties with Tropical Cyclones that Occur in the Western North Pacific Ocean?. <i>Journal of Astronomy and Space Sciences</i> , 2018, 35, 151-161.	1.0	2
432	Sensitivity of northwest Australian tropical cyclone activity to ITCZ migration since 500 CE. <i>Science Advances</i> , 2023, 9, .	10.3	0
433	Multi-scale characteristics of an extreme rain event in Shandong Province, produced by Typhoon Lekima (2019). <i>Frontiers in Earth Science</i> , 0, 10, .	1.8	2
434	Divergence of tropical cyclone hazard based on wind-weighted track distributions in the Coral Sea, over 50 years. <i>Natural Hazards</i> , 0, , .	3.4	2
435	Centennial analysis in tropical cyclone-induced precipitation in Korea. <i>Weather and Climate Extremes</i> , 2023, 39, 100549.	4.1	3
436	Sensitivity of Typhoon Forecast to Prescribed Sea Surface Temperature Data. <i>Atmosphere</i> , 2023, 14, 72.	2.3	1
437	Have atmospheric extremes changed in the past?. , 2023, , 81-126.		0
438	Seasonal Prediction of Tropical Cyclones and Storms over the Southwestern Indian Ocean Region Using the Generalized Linear Models. <i>Atmospheric and Climate Sciences</i> , 2023, 13, 103-137.	0.3	0
439	Variability in the Occurrence of Tropical and Extratropical Cyclones in the Atlantic Ocean and Its Climatic and Hydrological Determinants. <i>Atmosphere</i> , 2023, 14, 312.	2.3	0
440	Future sea level rise dominates changes in worst case extreme sea levels along the global coastline by 2100. <i>Environmental Research Letters</i> , 2023, 18, 024037.	5.2	3
441	Frequency and Intensity of Landfalling Tropical Cyclones in East Asia: Past Variations and Future Projections. <i>Meteorology</i> , 2023, 2, 171-190.	1.1	3
445	Beamforming of Rayleigh and Love Waves in the Course of Atlantic Cyclones. <i>Journal of Geophysical Research: Solid Earth</i> , 2023, 128, .	3.4	0
446	A Rapid Intensification Warning Index for Tropical Cyclones Based on the Analog Method. <i>Geophysical Research Letters</i> , 2023, 50, .	4.0	2
447	Has There Been a Recent Shallowing of Tropical Cyclones?. <i>Geophysical Research Letters</i> , 2023, 50, .	4.0	0
448	The relationship between sea surface temperature anomalies, wind and translation speed and North Atlantic tropical cyclone rainfall over ocean and land. <i>Environmental Research Communications</i> , 2023, 5, 025007.	2.3	5
449	Phase Shifts of the PDO and AMO Alter the Translation Distance of Global Tropical Cyclones. <i>Earth's Future</i> , 2023, 11, .	6.3	1

#	ARTICLE	IF	CITATIONS
450	Mid-late holocene accretional history of low-lying, coral-reef rim islets, South-Marutea Atoll, Tuamotu, central South Pacific: The key role of marine hazard events. <i>Natural Hazards Research</i> , 2023, 3, 219-239.	3.8	4
451	Sensitivity of the Wave Field to High Time-Space Resolution Winds during a Tropical Cyclone. <i>Oceans</i> , 2023, 4, 92-113.	1.3	0
452	Climate change and commercial real estate: Evidence from Hurricane Sandy. <i>Real Estate Economics</i> , 0, , .	1.7	1
453	Hurricane season complexity: The case of North-Atlantic tropical cyclones. <i>International Journal of Modern Physics C</i> , 2023, 34, .	1.7	1
454	Poleward migration of tropical cyclones in the western North Pacific and its regional impacts on rainfall in Asia. <i>International Journal of Climatology</i> , 2023, 43, 4136-4150.	3.5	1
455	Poleward migration as global warmingâ€™s possible self-regulator to restrain future western North Pacific Tropical Cycloneâ€™s intensification. <i>Npj Climate and Atmospheric Science</i> , 2023, 6, .	6.8	2
456	Recent Unusual Consecutive Spring Tropical Cyclones in North Atlantic and Winter Oceanic Precursor Signals. <i>Journal of Meteorological Research</i> , 2023, 37, 208-217.	2.4	1
457	Disaster Medicine in a Changing Climate. , 2024, , 51-57.		0
458	Recent increase in the potential threat of western North Pacific tropical cyclones. <i>Npj Climate and Atmospheric Science</i> , 2023, 6, .	6.8	0
459	The utility of historical records for hazard analysis in an area of marginal cyclone influence. <i>Communications Earth & Environment</i> , 2023, 4, .	6.8	1
460	Response of Intensity and Structure of Typhoon Jebi (2018) before Landfall to 2-K and 4-K Warmed Future Climates in Dynamical Downscaling Experiments. <i>Scientific Online Letters on the Atmosphere</i> , 2023, , .	1.4	0
461	Global tropical cyclone precipitation scaling with sea surface temperature. <i>Npj Climate and Atmospheric Science</i> , 2023, 6, .	6.8	4
462	Drastic Fluctuation in Water Exchange Between the Yellow Sea and Bohai Sea Caused by Typhoon Lekima in August 2019: A Numerical Study. <i>Journal of Geophysical Research: Oceans</i> , 2023, 128, .	2.6	0
463	Storm surges: Exploring the role of experience and knowledge. <i>International Journal of Disaster Risk Reduction</i> , 2023, 93, 103781.	3.9	0
464	Comprehensive Investigation on Spatiotemporal Variations of Tropical Cyclone Activities in the Western North Pacific, 1950â€“2019. <i>Journal of Marine Science and Engineering</i> , 2023, 11, 946.	2.6	2
465	Decreasing trend of tropical cyclone-induced ocean warming in recent decades. <i>Environmental Research Letters</i> , 2023, 18, 064013.	5.2	0
466	Contrasting Responses of Atlantic and Pacific Tropical Cyclone Activity to Atlantic Multidecadal Variability. <i>Geophysical Research Letters</i> , 2023, 50, .	4.0	0
467	Impact of Global Warming on Tropical Cyclone Track and Intensity: A Numerical Investigation. <i>Remote Sensing</i> , 2023, 15, 2763.	4.0	0

#	ARTICLE	IF	CITATIONS
468	Research priorities for studying tropical cyclone climate in East Asia. , 2023, 2, e0000217.		0
469	Climate-induced storminess forces major increases in future storm surge hazard in the South China Sea region. Natural Hazards and Earth System Sciences, 2023, 23, 2475-2504.	3.6	4
470	The influence of large-scale climate modes on tropical cyclone tracks in the southwest Pacific. Natural Hazards, 0, , .	3.4	0
471	The combined effect of multiple water vapor transport channels can better reflect the variability in summer precipitation over North China. Climate Dynamics, 0, , .	3.8	0
472	The 30-year (1987â€“2016) Trend of Strong Typhoons and Genesis Locations Found in the Japan Meteorological Agency's Dvorak Reanalysis Data. Journal of the Meteorological Society of Japan, 2023, 101, 435-443.	1.8	1
473	Impact of uncertainty induced by fatality function on future tropical cyclone risk assessment. Science of the Total Environment, 2023, 902, 166052.	8.0	0
474	Global short-term mortality risk and burden associated with tropical cyclones from 1980 to 2019: a multi-country time-series study. Lancet Planetary Health, The, 2023, 7, e694-e705.	11.4	5
475	Prediction of Coral Sea tropical cyclone power and latitude of maximum intensity using climate indices. Climate Dynamics, 2023, 61, 5715-5733.	3.8	0
476	Recent increases in tropical cyclone rapid intensification events in global offshore regions. Nature Communications, 2023, 14, .	12.8	7
477	Regime Shifts in the Damage Caused by Tropical Cyclones in the Guangdongâ€“Hong Kongâ€“Macao Greater Bay Area of China. Journal of Marine Science and Engineering, 2023, 11, 1889.	2.6	1
478	Seasonal advance of intense tropical cyclones in a warming climate. Nature, 2023, 623, 83-89.	27.8	7
479	New insights into the poleward migration of tropical cyclones and its association with Hadley circulation. Scientific Reports, 2023, 13, .	3.3	0
480	Warming-induced contraction of tropical convection delays and reduces tropical cyclone formation. Nature Communications, 2023, 14, .	12.8	0
481	Increased tropical cyclone intensification time in the western North Pacific over the past 56 years. Environmental Research Letters, 2023, 18, 094031.	5.2	2
482	A New Framework for Evaluating Model Simulated Inland Tropical Cyclone Wind Fields. Geophysical Research Letters, 2023, 50, .	4.0	1
483	Interdecadal variability of meridional tropical cyclone genesis over the western North Pacific and associated modulating processes. International Journal of Climatology, 0, , .	3.5	0
484	Climate Reconstructions for Historical Periods. Advances in Global Change Research, 2023, , 157-208.	1.6	0
485	Tropical Cyclones in Changing Climate. , 2023, , 1093-1138.		0

#	ARTICLE	IF	CITATIONS
486	Rapid oscillation of sediment transport between the Bohai Sea and the Yellow Sea induced by Typhoon Lekima (2019). <i>Marine Geology</i> , 2023, 465, 107160.	2.1	2
487	Tropical Cyclones and Equatorial Waves in a Convection-Permitting Aquaplanet Simulation With Off-Equatorial SST Maximum. <i>Journal of Advances in Modeling Earth Systems</i> , 2023, 15, .	3.8	0
488	Unleashing the power of the Sun: the increasing impact of the solar cycle on off-season super typhoons since the 1990s. <i>Npj Climate and Atmospheric Science</i> , 2023, 6, .	6.8	0
489	Enhancing hurricane risk perception and mitigation behavior through customized virtual reality. <i>Advanced Engineering Informatics</i> , 2023, 58, 102212.	8.0	0
490	Assessing Property Exposure to Cyclonic Winds under Climate Change. <i>Climate</i> , 2023, 11, 217.	2.8	1
491	Forest disturbances. , 2024, , 125-150.		0
492	Actionable Science for Hurricane. , 2023, , 111-147.		0
493	Convection-permitting simulations reveal expanded rainfall extremes of tropical cyclones affecting South Korea due to anthropogenic warming. <i>Npj Climate and Atmospheric Science</i> , 2023, 6, .	6.8	0
494	Increasing compound hazard of landfalling tropical cyclones in China during 1980-2020. <i>International Journal of Climatology</i> , 2023, 43, 7870-7882.	3.5	0
495	Influences of climate change on tropical cyclones: An insight into the Western North Pacific over the past two millennia. <i>Global and Planetary Change</i> , 2023, 231, 104319.	3.5	0
496	Global warming is advancing the seasonal cycle of intense tropical cyclones. <i>Chinese Science Bulletin</i> , 2023, , .	0.7	0
497	Intense Tropical Cyclones in the Western North Pacific Under Global Warming: A Dynamical Downscaling Approach. <i>Journal of Geophysical Research D: Atmospheres</i> , 2024, 129, .	3.3	0
499	The 2023 Earthquake in Türkiye and Implications for China's Response to Catastrophe. <i>International Journal of Disaster Risk Science</i> , 2023, 14, 1044-1053.	2.9	0
500	Resilience of renewable power systems under climate risks. , 2024, 1, 53-66.		2
501	Observed northward shift of large hailstorms in the eastern United States since 2000. <i>Environmental Research Letters</i> , 2024, 19, 024010.	5.2	0
502	Westward shift of tropical cyclogenesis over the southern Indian Ocean. <i>Environmental Research Letters</i> , 2024, 19, 034016.	5.2	0
503	Coupling GEDI LiDAR and Optical Satellite for Revealing Large-Scale Maize Lodging in Northeast China. <i>Earth's Future</i> , 2024, 12, .	6.3	0
504	Solar Influence on Tropical Cyclone in Western North Pacific Ocean. <i>Journal of Astronomy and Space Sciences</i> , 2017, 34, 257-270.	1.0	1

#	ARTICLE	IF	CITATIONS
505	Modeled variations of tropical cyclone genesis potential during Marine Isotope Stage 3. Quaternary Science Reviews, 2024, 326, 108503.	3.0	0
506	Impact of tropical cyclones on the hydrodynamics and sediment dynamics of the radial sand ridge system in the southern Yellow Sea. Ocean Modelling, 2024, 188, 102328.	2.4	0
507	Characteristics and Predictive Modeling of Short-term Impacts of Hurricanes on the US Employment. SSRN Electronic Journal, 0, , .	0.4	0
508	Seasonal Shift of Storm Surges in the Yangtze Estuary, China. Journal of Marine Science and Engineering, 2024, 12, 277.	2.6	0
510	Increase in western North Pacific tropical cyclone intensification rates and their northwestward shifts. Atmospheric Research, 2024, 301, 107292.	4.1	0
511	Decadal Prediction of Location of Tropical Cyclone Maximum Intensity Over the Western North Pacific. Geophysical Research Letters, 2024, 51, .	4.0	0
512	Tropical Cyclone Changes in Convectionâ€‘Permitting Regional Climate Projections: A Study Over the Shanghai Region. Journal of Geophysical Research D: Atmospheres, 2024, 129, .	3.3	0
513	Independent contributions of tropical sea surface temperature modes to the interannual variability of western North Pacific tropical cyclone frequency. International Journal of Climatology, 0, , .	3.5	0
514	Occurrence Frequency of Global Atmospheric River (AR) Events: A Data Fusion Analysis of 12 Identification Data Sets. Journal of Geophysical Research D: Atmospheres, 2024, 129, .	3.3	0
515	Westward Migration of Tropical Cyclone Activity in the Western North Pacific during 1982â€‘2020: Features and Possible Causes. Journal of Meteorological Research, 2024, 38, 1-9.	2.4	0
516	A systematic review of climate change science relevant to Australian design flood estimation. Hydrology and Earth System Sciences, 2024, 28, 1251-1285.	4.9	0