Johnny Chung Leung Chan

List of Publications by Year
in descending order

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218 papers	13,298 citations	25034 57 h-index	26613 107 g-index
223 all docs	223 docs citations	223 times ranked	6605 citing authors

#	Article	IF	Citations
1	The East Asian summer monsoon: an overview. Meteorology and Atmospheric Physics, 2005, 89, 117-142.	2.0	1,459
2	How Strong ENSO Events Affect Tropical Storm Activity over the Western North Pacific*. Journal of Climate, 2002, 15, 1643-1658.	3.2	768
3	Tropical Cyclones and Climate Change Assessment: Part II: Projected Response to Anthropogenic Warming. Bulletin of the American Meteorological Society, 2020, 101, E303-E322.	3.3	573
4	Tropical Cyclone Activity over the Western North Pacific Associated with El NiÃ±o and La NiÃ±a Events. Journal of Climate, 2000, 13, 2960-2972.	3.2	396
5	Tropical Cyclone Activity in the Northwest Pacific in Relation to the El NiÃ±o/Southern Oscillation Phenomenon. Monthly Weather Review, 1985, 113, 599-606.	1.4	374
6	Tropical Cyclone Movement and Surrounding Flow Relationships. Monthly Weather Review, 1982, 110, 1354-1374.	1.4	309
7	PDO, ENSO and the early summer monsoon rainfall over south China. Geophysical Research Letters, 2005, 32, .	4.0	270
8	Analytical and Numerical Studies of the Beta-Effect in Tropical Cyclone Motion. Part I: Zero Mean Flow. Journals of the Atmospheric Sciences, 1987, 44, 1257-1265.	1.7	256
9	Synoptic-Scale Controls of Persistent Low Temperature and Icy Weather over Southern China in January 2008. Monthly Weather Review, 2009, 137, 3978-3991.	1.4	255
10	Geophysical Applications of Partial Wavelet Coherence and Multiple Wavelet Coherence. Journal of Atmospheric and Oceanic Technology, 2012, 29, 1845-1853.	1.3	247
11	Global Warming and Western North Pacific Typhoon Activity from an Observational Perspective. Journal of Climate, 2004, 17, 4590-4602.	3.2	216
12	ENSO and the South China Sea summer monsoon onset. International Journal of Climatology, 2007, 27, 157-167.	3.5	206
13	Interannual and interdecadal variations of tropical cyclone activity over the western North Pacific. Meteorology and Atmospheric Physics, 2005, 89, 143-152.	2.0	191
14	Intraseasonal Variability of the South China Sea Summer Monsoon. Journal of Climate, 2005, 18, 2388-2402.	3.2	182
15	THE PHYSICS OF TROPICAL CYCLONE MOTION. Annual Review of Fluid Mechanics, 2005, 37, 99-128.	25.0	175
16	Comment on "Changes in Tropical Cyclone Number, Duration, and Intensity in a Warming Environment". Science, 2006, 311, 1713b-1713b.	12.6	170
17	Interdecadal Variability of Western North Pacific Tropical Cyclone Tracks. Journal of Climate, 2008, 21, 4464-4476.	3.2	155
18	Tropical Cyclone Intensity in Vertical Wind Shear. Journals of the Atmospheric Sciences, 2004, 61, 1859-1876.	1.7	151

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19	Intraseasonal oscillations and the South China Sea summer monsoon onset. International Journal of Climatology, 2005, 25, 1585-1609.	3.5	143
20	Interdecadal variability of the relationship between the East Asian winter monsoon and ENSO. Meteorology and Atmospheric Physics, 2007, 98, 283-293.	2.0	141
21	Inactive Period of Western North Pacific Tropical Cyclone Activity in 1998â€“2011. Journal of Climate, 2013, 26, 2614-2630.	3.2	141
22	Tropical Cyclone Intensity Change from a Simple Oceanâ€“Atmosphere Coupled Model. Journals of the Atmospheric Sciences, 2001, 58, 154-172.	1.7	140
23	Decadal variations of intense typhoon occurrence in the western North Pacific. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2008, 464, 249-272.	2.1	140
24	Climate change and tropical cyclone trend. Nature, 2019, 570, E3-E5.	27.8	132
25	Influence of South China Sea SST and the ENSO on winter rainfall over South China. Advances in Atmospheric Sciences, 2010, 27, 832-844.	4.3	131
26	Seasonal Forecasting of Tropical Cyclone Activity over theWestern North Pacific and the South China Sea. Weather and Forecasting, 1998, 13, 997-1004.	1.4	129
27	Climatological Characteristics and Seasonal Forecasting of Tropical Cyclones Making Landfall along the South China Coast. Monthly Weather Review, 2003, 131, 1650-1662.	1.4	113
28	Recent decrease in typhoon destructive potential and global warming implications. Nature Communications, 2015, 6, 7182.	12.8	113
29	Interannual and interdecadal variations of tropical cyclone activity in the South China Sea. International Journal of Climatology, 2010, 30, 827-843.	3.5	107
30	Long-term trends and interannual variability in tropical cyclone activity over the western North Pacific. Geophysical Research Letters, 1996, 23, 2765-2767.	4.0	105
31	Global warming changes tropical cyclone translation speed. Nature Communications, 2020, 11, 47.	12.8	104
32	Size and Strength of Tropical Cyclones as Inferred from QuikSCAT Data. Monthly Weather Review, 2012, 140, 811-824.	1.4	103
33	Numerical simulation of the urban boundary layer over the complex terrain of Hong Kong. Atmospheric Environment, 2005, 39, 3549-3563.	4.1	98
34	Tropical Cyclone Activity in the Western North Pacific in Relation to the Stratospheric Quasi-Biennial Oscillation. Monthly Weather Review, 1995, 123, 2567-2571.	1.4	96
35	Characteristics, evolution and mechanisms of the summer monsoon onset over Southeast Asia. International Journal of Climatology, 2004, 24, 1461-1482.	3.5	96
36	Interdecadal variability of tropical cyclone landfall in the Philippines from 1902 to 2005. Geophysical Research Letters, 2009, 36, .	4.0	94

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37	Improvements in the Seasonal Forecasting of Tropical Cyclone Activity over the Western North Pacific. Weather and Forecasting, 2001, 16, 491-498.	1.4	92
38	THE EAST ASIA WINTER MONSOON. World Scientific Series on Asia-Pacific Weather and Climate, 2004, , 54-106.	0.2	91
39	The Role of the Asianâ€“Australian Monsoon System in the Onset Time of El NiÃ±o Events. Journal of Climate, 2001, 14, 418-433.	3.2	90
40	Relationship between Potential Vorticity Tendency and Tropical Cyclone Motion. Journals of the Atmospheric Sciences, 2002, 59, 1317-1336.	1.7	85
41	Asymmetric Distribution of Convection Associated with Tropical Cyclones Making Landfall along the South China Coast. Monthly Weather Review, 2004, 132, 2410-2420.	1.4	84
42	Interannual variations of tropical cyclone activity over the north Indian Ocean. International Journal of Climatology, 2012, 32, 819-830.	3.5	83
43	An investigation of air-pollutant patterns under seaâ€“land breezes during a severe air-pollution episode in Hong Kong. Atmospheric Environment, 2002, 36, 591-601.	4.1	78
44	The interdecadal variations of the summer monsoon rainfall over South China. Meteorology and Atmospheric Physics, 2006, 93, 165-175.	2.0	77
45	Size of Tropical Cyclones as Inferred fromERS-1andERS-2Data. Monthly Weather Review, 1999, 127, 2992-3001.	1.4	73
46	Effect of the climate shift around mid 1970s on the relationship between wintertime Ural blocking circulation and East Asian climate. International Journal of Climatology, 2010, 30, 153-158.	3.5	73
47	Interdecadal unstationary relationship between NAO and east China's summer precipitation patterns. Geophysical Research Letters, 2009, 36, .	4.0	73
48	Mechanisms Responsible for the Maintenance of the 1998 South China Sea Summer Monsoon.. Journal of the Meteorological Society of Japan, 2002, 80, 1103-1113.	1.8	71
49	Impacts of the basinâ€wide Indian Ocean SSTA on the South China Sea summer monsoon onset. International Journal of Climatology, 2008, 28, 1579-1587.	3.5	70
50	Interâ€annual and interâ€decadal variations of landfalling tropical cyclones in East Asia. Part I: time series analysis. International Journal of Climatology, 2009, 29, 1285-1293.	3.5	68
51	The Role of Bay of Bengal Convection in the Onset of the 1998 South China Sea Summer Monsoon. Monthly Weather Review, 2002, 130, 2731-2744.	1.4	67
52	Angular Momentum Transports and Synoptic Flow Patterns Associated with Tropical Cyclone Size Change. Monthly Weather Review, 2013, 141, 3985-4007.	1.4	67
53	Interannual variations of intense typhoon activity. Tellus, Series A: Dynamic Meteorology and Oceanography, 2007, 59, 455-460.	1.7	66
54	Declining tropical cyclone frequency under global warming. Nature Climate Change, 2022, 12, 655-661.	18.8	64

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55	Asymmetric Modulation of Western North Pacific Cyclogenesis by the Maddenâ€“Julian Oscillation under ENSO Conditions. Journal of Climate, 2012, 25, 5374-5385.	3.2	63
56	Surface Features of Winter Monsoon Surges over South China. Monthly Weather Review, 1995, 123, 662-680.	1.4	62
57	Upper-Level Features Associated with Winter Monsoon Surges over South China. Monthly Weather Review, 1997, 125, 317-340.	1.4	60
58	The role of MJO and mid-latitude fronts in the South China Sea summer monsoon onset. Climate Dynamics, 2009, 33, 827-841.	3.8	60
59	Relationship between the Onset of the South China Sea Summer Monsoon and the Structure of the Asian Subtropical Anticyclone. Journal of the Meteorological Society of Japan, 2004, 82, 845-859.	1.8	57
60	Internal boundary layer structure under sea-breeze conditions in Hong Kong. Atmospheric Environment, 2001, 35, 683-692.	4.1	56
61	Convective Asymmetries Associated with Tropical Cyclone Landfall. Part I:f-Plane Simulations. Journals of the Atmospheric Sciences, 2003, 60, 1560-1576.	1.7	55
62	Global climatology of tropical cyclone size as inferred from <scp>QuikSCAT</scp> data. International Journal of Climatology, 2015, 35, 4843-4848.	3.5	55
63	Tropical cyclone genesis frequency over the western North Pacific simulated in medium-resolution coupled general circulation models. Climate Dynamics, 2009, 33, 665-683.	3.8	54
64	Impacts of initial vortex size and planetary vorticity on tropical cyclone size. Quarterly Journal of the Royal Meteorological Society, 2014, 140, 2235-2248.	2.7	53
65	Risk assessment for the sustainability of coastal communities: A preliminary study. Science of the Total Environment, 2019, 671, 339-350.	8.0	52
66	Synoptic Flow Patterns Associated with Small and Large Tropical Cyclones over the Western North Pacific. Monthly Weather Review, 2002, 130, 2134-2142.	1.4	51
67	Water vapor sources associated with the early summer precipitation over China. Climate Dynamics, 2008, 30, 497-517.	3.8	49
68	A planetaryâ€scale landâ€“sea breeze circulation in East Asia and the western North Pacific. Quarterly Journal of the Royal Meteorological Society, 2010, 136, 1543-1553.	2.7	49
69	Interannual variations of early summer monsoon rainfall over South China under different PDO backgrounds. International Journal of Climatology, 2011, 31, 847-862.	3.5	49
70	The Analysis of Tropical Cyclone Tracks in the Western North Pacific through Data Mining. Part I: Tropical Cyclone Recurvature. Journal of Applied Meteorology and Climatology, 2013, 52, 1394-1416.	1.5	49
71	Dynamic and Thermodynamic Characteristics Associated with the Onset of the 1998 South China Sea Summer Monsoon. Journal of the Meteorological Society of Japan, 2000, 78, 367-380.	1.8	48
72	Rethinking disaster resilience in high-density cities: Towards an urban resilience knowledge system. Sustainable Cities and Society, 2021, 69, 102850.	10.4	48

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73	Characteristics, Physical Mechanisms, and Prediction of Pre-summer Rainfall over South China: Research Progress during 2008â€“2019. Journal of the Meteorological Society of Japan, 2020, 98, 19-42.	1.8	48
74	Tropical Cyclone Motion in Response to Land Surface Friction. Journals of the Atmospheric Sciences, 2006, 63, 1324-1337.	1.7	46
75	Interannual variation of Southern Hemisphere tropical cyclone activity and seasonal forecast of tropical cyclone number in the Australian region. International Journal of Climatology, 2012, 32, 190-202.	3.5	46
76	Time-lagged effects of spring Tibetan Plateau soil moisture on the monsoon over China in early summer. International Journal of Climatology, 2007, 28, 55-67.	3.5	44
77	Frequency of typhoon landfall over Guangdong Province of China during the period 1470-1931. International Journal of Climatology, 2000, 20, 183-190.	3.5	43
78	The western Pacific subtropical high and tropical cyclone landfall: Seasonal forecasts using the Met Office GloSea5 system. Quarterly Journal of the Royal Meteorological Society, 2019, 145, 105-116.	2.7	42
79	Convection suppression criteria applied to the MIT cumulus parameterization scheme for simulating the Asian summer monsoon. Geophysical Research Letters, 2006, 33, .	4.0	40
80	Impacts of vortex intensity and outer winds on tropical cyclone size. Quarterly Journal of the Royal Meteorological Society, 2015, 141, 525-537.	2.7	40
81	Seasonal Tropical Cyclone Forecasting. Tropical Cyclone Research and Review, 2019, 8, 134-149.	2.2	40
82	Impacts of Urbanization on the Precipitation Characteristics in Guangdong Province, China. Advances in Atmospheric Sciences, 2020, 37, 696-706.	4.3	40
83	Boundary layer dynamics associated with a severe air-pollution episode in Hong Kong. Atmospheric Environment, 2002, 36, 2013-2025.	4.1	39
84	Impacts of land use changes and synoptic forcing on the seasonal climate over the Pearl River Delta of China. Atmospheric Environment, 2012, 60, 25-36.	4.1	39
85	Statistical Characteristics of Pre-summer Rainfall over South China and Associated Synoptic Conditions. Journal of the Meteorological Society of Japan, 2020, 98, 213-233.	1.8	39
86	An Improved Statistical Scheme for the Prediction of Tropical Cyclones Making Landfall in South China. Weather and Forecasting, 2010, 25, 587-593.	1.4	37
87	Global Perspectives on Tropical Cyclones. World Scientific Series on Asia-Pacific Weather and Climate, 2010, , .	0.2	37
88	Sensitivity of urban rainfall to anthropogenic heat flux: A numerical experiment. Geophysical Research Letters, 2016, 43, 2240-2248.	4.0	36
89	Thermodynamic control on the climate of intense tropical cyclones. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2009, 465, 3011-3021.	2.1	34
90	Dynamics and characteristics of dry and moist heatwaves over East Asia. Npj Climate and Atmospheric Science, 2022, 5, .	6.8	34

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91	Effects of SST magnitude and gradient on typhoon tracks around East Asia: Acase study for Typhoon Maemi (2003). Atmospheric Research, 2012, 109-110, 36-51.	4.1	32
92	Recent increase in extreme intensity of tropical cyclones making landfall in South China. Climate Dynamics, 2020, 55, 1059-1074.	3.8	32
93	Spatial heterogeneities of current and future hurricane flood risk along the U.S. Atlantic and Gulf coasts. Science of the Total Environment, 2020, 713, 136704.	8.0	32
94	Tropical Cyclone Genesis in a Global Numerical Weather Prediction Model. Monthly Weather Review, 1999, 127, 611-624.	1.4	31
95	First Transition of the Asian Summer Monsoon in 1998 and the Effect of the Tibet-Tropical Indian Ocean Thermal Contrast.. Journal of the Meteorological Society of Japan, 2001, 79, 241-253.	1.8	31
96	Maintenance mechanisms for the earlyâ€morning maximum summer rainfall over southeast China. Quarterly Journal of the Royal Meteorological Society, 2011, 137, 959-968.	2.7	31
97	Regional climate simulations of summer diurnal rainfall variations over East Asia and Southeast China. Climate Dynamics, 2013, 40, 1625-1642.	3.8	31
98	Idealized simulations of the effect of Taiwan and Philippines topographies on tropical cyclone tracks. Quarterly Journal of the Royal Meteorological Society, 2014, 140, 1578-1589.	2.7	31
99	Modeling the Effects of Landâ€“Sea Roughness Contrast on Tropical Cyclone Winds. Journals of the Atmospheric Sciences, 2007, 64, 3249-3264.	1.7	30
100	Dynamical downscaling forecasts of Western North Pacific tropical cyclone genesis and landfall. Climate Dynamics, 2014, 42, 2227-2237.	3.8	30
101	Recent global decrease in the inner-core rain rate of tropical cyclones. Nature Communications, 2021, 12, 1948.	12.8	30
102	Potential use of a regional climate model in seasonal tropical cyclone activity predictions in the western North Pacific. Climate Dynamics, 2012, 39, 783-794.	3.8	28
103	Changes in tropical cyclone intensity with translation speed and mixedâ€layer depth: idealized WRFâ€ROMS coupled model simulations. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 152-163.	2.7	28
104	Asymmetric response of tropical cyclone activity to global warming over the North Atlantic and western North Pacific from CMIP5 model projections. Scientific Reports, 2017, 7, 41354.	3.3	27
105	Rapid Intensification of Typhoon Hato (2017) over Shallow Water. Sustainability, 2019, 11, 3709.	3.2	27
106	Integrating spatial statistics tools for coastal risk management: A case-study of typhoon risk in mainland China. Ocean and Coastal Management, 2020, 184, 105018.	4.4	27
107	Identification of the Steering Flow for Tropical Cyclone Motion from Objectively Analyzed Wind Fields. Monthly Weather Review, 1985, 113, 106-116.	1.4	26
108	Numerical study on the development of asymmetric convection and vertical wind shear during tropical cyclone landfall. Quarterly Journal of the Royal Meteorological Society, 2014, 140, 1866-1877.	2.7	26

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109	Prediction of the summer monsoon rainfall over South China. International Journal of Climatology, 1999, 19, 1255-1265.	3.5	25
110	Diurnal variations of circulation and precipitation in the vicinity of the Tibetan Plateau in early summer. Climate Dynamics, 2009, 32, 55-73.	3.8	24
111	Dependency of typhoon intensity and genesis locations on El NiÃ±o phase and SST shift over the western North Pacific. Theoretical and Applied Climatology, 2012, 109, 383-395.	2.8	24
112	Variations and prediction of the annual number of tropical cyclones affecting Korea and Japan. International Journal of Climatology, 2012, 32, 178-189.	3.5	24
113	Tropical cyclones act to intensify El NiÃ±o. Nature Communications, 2019, 10, 3793.	12.8	24
114	Prediction of annual tropical cyclone activity over the western North Pacific and the South China Sea. International Journal of Climatology, 1995, 15, 1011-1019.	3.5	23
115	A Bayesian Regression Approach to Seasonal Prediction of Tropical Cyclones Affecting the Fiji Region. Journal of Climate, 2010, 23, 3425-3445.	3.2	23
116	The Relationship between Tropical Cyclone Rainfall Area and Environmental Conditions over the Subtropical Oceans. Journal of Climate, 2018, 31, 4605-4616.	3.2	23
117	The Analysis of Tropical Cyclone Tracks in the Western North Pacific through Data Mining. Part II: Tropical Cyclone Landfall. Journal of Applied Meteorology and Climatology, 2013, 52, 1417-1432.	1.5	22
118	Sensitivity of the simulation of tropical cyclone size to microphysics schemes. Advances in Atmospheric Sciences, 2016, 33, 1024-1035.	4.3	22
119	Design of a Regional Climate Model for the Simulation of South China Summer Monsoon Rainfall. Journal of the Meteorological Society of Japan, 2004, 82, 1645-1665.	1.8	21
120	Seasonal variation of diurnal and semidiurnal rainfall over Southeast China. Climate Dynamics, 2012, 39, 1913-1927.	3.8	21
121	Modelling the effects of landâ€“sea contrast on tropical cyclone precipitation under environmental vertical wind shear. Quarterly Journal of the Royal Meteorological Society, 2015, 141, 396-412.	2.7	21
122	Interannual variations of tropical cyclone size over the western North Pacific. Geophysical Research Letters, 2003, 30, .	4.0	20
123	Distribution of convection associated with tropical cyclones making landfall along the South China coast. Meteorology and Atmospheric Physics, 2007, 97, 57-68.	2.0	20
124	Variations of frequency of landfalling typhoons in East China, 1450â€“1949. International Journal of Climatology, 2012, 32, 1946-1950.	3.5	20
125	A Simple Empirical Model for Estimating the Intensity Change of Tropical Cyclones after Landfall along the South China Coast. Journal of Applied Meteorology and Climatology, 2008, 47, 326-338.	1.5	19
126	Effects of Asymmetric SST Distribution on Straight-Moving Typhoon Ewiniar (2006) and Recurving Typhoon Maemi (2003). Monthly Weather Review, 2013, 141, 3950-3967.	1.4	19

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127	Idealized simulations of the effect of local and remote topographies on tropical cyclone tracks. Quarterly Journal of the Royal Meteorological Society, 2015, 141, 2045-2056.	2.7	19
128	Interannual and interdecadal variability of winter precipitation over china in relation to global sea level pressure anomalies. Advances in Atmospheric Sciences, 2002, 19, 914-926.	4.3	18
129	Integrating Typhoon Destructive Potential and Socialâ€Ecological Systems Toward Resilient Coastal Communities. Earth's Future, 2019, 7, 805-818.	6.3	18
130	Incorporating natural habitats into coastal risk assessment frameworks. Environmental Science and Policy, 2020, 106, 99-110.	4.9	18
131	Changes of tropical cyclone landfalls in South China throughout the twenty-first century. Climate Dynamics, 2018, 51, 2467-2483.	3.8	17
132	Rainfall asymmetries of landfalling tropical cyclones along the South China coast. Meteorological Applications, 2019, 26, 213-220.	2.1	17
133	Physical Mechanisms Responsible for the Transition from a Warm to a Cold State of the El NiÂ±oâ€“Southern Oscillation. Journal of Climate, 2000, 13, 2056-2071.	3.2	16
134	Does warmer China land attract more super typhoons?. Scientific Reports, 2013, 3, 1522.	3.3	16
135	Idealized simulations of the effect of Taiwan topography on the tracks of tropical cyclones with different steering flow strengths. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 3211-3221.	2.7	16
136	Longâ€term trends in tropical cyclone tracks around Korea and Japan in late summer and early fall. Atmospheric Science Letters, 2019, 20, e939.	1.9	16
137	On the mechanisms of the recurvature of super typhoon Megi. Scientific Reports, 2014, 4, 4451.	3.3	16
138	A 31â€year climatology of tropical cyclone size from the NCEP Climate Forecast System Reanalysis. International Journal of Climatology, 2018, 38, e796.	3.5	15
139	Movement of Tropical Cyclones. World Scientific Series on Asia-Pacific Weather and Climate, 2010, , 133-148.	0.2	15
140	A western North Pacific tropical cyclone intensity prediction scheme. Journal of Meteorological Research, 2011, 25, 611-624.	1.0	14
141	Idealized simulations of the effect of Taiwan topography on the tracks of tropical cyclones with different sizes. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 793-804.	2.7	14
142	Variations in the power dissipation index in the East Asia region. Climate Dynamics, 2017, 48, 1963-1985.	3.8	14
143	The Outer-Core Wind Structure of Tropical Cyclones. Journal of the Meteorological Society of Japan, 2018, 96, 297-315.	1.8	14
144	Growing Threat of Rapidly-Intensifying Tropical Cyclones in East Asia. Advances in Atmospheric Sciences, 2022, 39, 222-234.	4.3	14

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145	The interaction of binary vortices in a barotropic model. Meteorology and Atmospheric Physics, 1995, 56, 135-155.	2.0	13
146	An Observational Study on the Onset of the Summer Monsoon over South China around Hong Kong. Journal of the Meteorological Society of Japan, 1997, 75, 43-57.	1.8	13
147	The Influence of Uniform Flow on Tropical Cyclone Intensity Change. Journals of the Atmospheric Sciences, 2005, 62, 3193-3212.	1.7	13
148	Nonstationarity of the Intraseasonal Oscillations Associated with the Western North Pacific Summer Monsoon. Journal of Climate, 2006, 19, 622-629.	3.2	13
149	Impact of Four-Dimensional Variational Data Assimilation of Atmospheric Motion Vectors on Tropical Cyclone Track Forecasts. Weather and Forecasting, 2006, 21, 663-669.	1.4	13
150	Ten-year climatology of summer monsoon over South China and its surroundings simulated from a regional climate model. International Journal of Climatology, 2006, 26, 141-157.	3.5	13
151	Changing relationship between La NiÃ±a and tropical cyclone landfalling activity in South China (La) Tj ETQq1 1 0.784314 rgBT /Overlo 1270-1284.	3.5	13
152	The Effects of the Full Coriolis Force on the Structure and Motion of a Tropical Cyclone. Part I: Effects due to Vertical Motion. Journals of the Atmospheric Sciences, 2005, 62, 3825-3830.	1.7	12
153	Effects of surface heating over Indochina and India landmasses on the summer monsoon over South China. International Journal of Climatology, 2006, 26, 1339-1359.	3.5	12
154	New directions in hydro-climatic histories: observational data recovery, proxy records and the atmospheric circulation reconstructions over the earth (ACRE) initiative in Southeast Asia. Geoscience Letters, 2015, 2, 2.	3.3	12
155	Impact of Cloud Microphysics Schemes on Tropical Cyclone Forecast Over the Western North Pacific. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032288.	3.3	12
156	How Does Pacific Decadal Oscillation Affect Tropical Cyclone Activity Over Far East Asia?. Geophysical Research Letters, 2021, 48, .	4.0	12
157	Structural changes of a tropical cyclone during landfall: Î²-plane simulations. Advances in Atmospheric Sciences, 2010, 27, 1143-1150.	4.3	11
158	Discrepancies between global reanalyses and observations in the interdecadal variations of Southeast Asian cold surge. International Journal of Climatology, 2011, 31, 2272-2280.	3.5	11
159	Mesoscale vortex generation and merging process: A case study associated with a post-landfall tropical depression. Advances in Atmospheric Sciences, 2010, 27, 356-370.	4.3	10
160	The Tropical Transition in the Western North Pacific: The Case of Tropical Cyclone Peipah (2007). Journal of Geophysical Research D: Atmospheres, 2019, 124, 5151-5165.	3.3	10
161	Numerical prediction of tropical cyclogenesis part I: Evaluation of model performance. Quarterly Journal of the Royal Meteorological Society, 2021, 147, 1626-1641.	2.7	10
162	Meridional oscillation of tropical cyclone activity in the western North Pacific during the past 110Âyears. Climatic Change, 2021, 164, 1.	3.6	10

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163	APPLICATION OF PROJECTION-PURSUIT PRINCIPAL COMPONENT ANALYSIS METHOD TO CLIMATE STUDIES. International Journal of Climatology, 1997, 17, 103-113.	3.5	9
164	Momentum Transports Associated with Tropical Cyclone Recurvature. Monthly Weather Review, 1999, 127, 1021-1037.	1.4	9
165	The Effect of a River Delta and Coastal Roughness Variation on a Landfalling Tropical Cyclone. Journal of Geophysical Research, 2010, 115, .	3.3	9
166	Tropical cyclone recurvature: An intrinsic property?. Geophysical Research Letters, 2016, 43, 8769-8774.	4.0	9
167	Simulating seasonal tropical cyclone intensities at landfall along the South China coast. Climate Dynamics, 2018, 50, 2661-2672.	3.8	9
168	Interdecadal variation of frequencies of tropical cyclones, intense typhoons and their ratio over the western North Pacific. International Journal of Climatology, 2020, 40, 3954-3970.	3.5	9
169	Tropical Cyclone Impacts on Cities: A Case of Hong Kong. Frontiers in Built Environment, 2020, 6, .	2.3	9
170	Development of onâ€road emission inventory and evaluation of policy intervention on future emission reduction toward sustainability in Vietnam. Sustainable Development, 2021, 29, 1072-1085.	12.5	9
171	A Simple Seasonal Forecast Update of Tropical Cyclone Activity. Weather and Forecasting, 2008, 23, 1016-1021.	1.4	8
172	A Dual-scheme approach of cumulus parameterization for simulating the Asian summer monsoon. Meteorological Applications, 2010, 17, 287-297.	2.1	8
173	Large tropical cyclone track forecast errors of global numerical weather prediction models in western North Pacific basin. Tropical Cyclone Research and Review, 2021, 10, 151-169.	2.2	8
174	A new approach for location-specific seasonal outlooks of typhoon and super typhoon frequency across the Western North Pacific region. Scientific Reports, 2021, 11, 19439.	3.3	8
175	Increasing TCHP in the Western North Pacific and Its Influence on the Intensity of FAXAI and HAGIBIS in 2019. Scientific Online Letters on the Atmosphere, 2021, 17A, 29-32.	1.4	8
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