

Johnny C L Chan

List of Publications by Year in descending order

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176
papers

12,243
citations

34076

52
h-index

29127

104
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177
docs citations

177
times ranked

6177
citing authors

#	ARTICLE	IF	CITATIONS
1	The East Asian summer monsoon: an overview. <i>Meteorology and Atmospheric Physics</i> , 2005, 89, 117-142.	0.9	1,459
2	How Strong ENSO Events Affect Tropical Storm Activity over the Western North Pacific*. <i>Journal of Climate</i> , 2002, 15, 1643-1658.	1.2	768
3	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.	1.7	573
4	Tropical Cyclone Activity over the Western North Pacific Associated with El Niño and La Niña Events. <i>Journal of Climate</i> , 2000, 13, 2960-2972.	1.2	396
5	Tropical Cyclone Activity in the Northwest Pacific in Relation to the El Niño/Southern Oscillation Phenomenon. <i>Monthly Weather Review</i> , 1985, 113, 599-606.	0.5	374
6	Tropical Cyclones and Climate Change Assessment: Part I: Detection and Attribution. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 1987-2007.	1.7	326
7	Tropical Cyclone Movement and Surrounding Flow Relationships. <i>Monthly Weather Review</i> , 1982, 110, 1354-1374.	0.5	309
8	PDO, ENSO and the early summer monsoon rainfall over south China. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	270
9	Analytical and Numerical Studies of the Beta-Effect in Tropical Cyclone Motion. Part I: Zero Mean Flow. <i>Journals of the Atmospheric Sciences</i> , 1987, 44, 1257-1265.	0.6	256
10	Synoptic-Scale Controls of Persistent Low Temperature and Icy Weather over Southern China in January 2008. <i>Monthly Weather Review</i> , 2009, 137, 3978-3991.	0.5	255
11	Geophysical Applications of Partial Wavelet Coherence and Multiple Wavelet Coherence. <i>Journal of Atmospheric and Oceanic Technology</i> , 2012, 29, 1845-1853.	0.5	247
12	Global Warming and Western North Pacific Typhoon Activity from an Observational Perspective. <i>Journal of Climate</i> , 2004, 17, 4590-4602.	1.2	216
13	ENSO and the South China Sea summer monsoon onset. <i>International Journal of Climatology</i> , 2007, 27, 157-167.	1.5	206
14	Interannual and interdecadal variations of tropical cyclone activity over the western North Pacific. <i>Meteorology and Atmospheric Physics</i> , 2005, 89, 143-152.	0.9	191
15	Intraseasonal Variability of the South China Sea Summer Monsoon. <i>Journal of Climate</i> , 2005, 18, 2388-2402.	1.2	182
16	Comment on "Changes in Tropical Cyclone Number, Duration, and Intensity in a Warming Environment". <i>Science</i> , 2006, 311, 1713b-1713b.	6.0	170
17	Interdecadal Variability of Western North Pacific Tropical Cyclone Tracks. <i>Journal of Climate</i> , 2008, 21, 4464-4476.	1.2	155
18	Tropical Cyclone Intensity in Vertical Wind Shear. <i>Journals of the Atmospheric Sciences</i> , 2004, 61, 1859-1876.	0.6	151

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19	Intraseasonal oscillations and the South China Sea summer monsoon onset. <i>International Journal of Climatology</i> , 2005, 25, 1585-1609.	1.5	143
20	Inactive Period of Western North Pacific Tropical Cyclone Activity in 1998â€“2011. <i>Journal of Climate</i> , 2013, 26, 2614-2630.	1.2	141
21	Tropical Cyclone Intensity Change from a Simple Oceanâ€“Atmosphere Coupled Model. <i>Journals of the Atmospheric Sciences</i> , 2001, 58, 154-172.	0.6	140
22	Climate change and tropical cyclone trend. <i>Nature</i> , 2019, 570, E3-E5.	13.7	132
23	Influence of South China Sea SST and the ENSO on winter rainfall over South China. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 832-844.	1.9	131
24	Seasonal Forecasting of Tropical Cyclone Activity over the Western North Pacific and the South China Sea. <i>Weather and Forecasting</i> , 1998, 13, 997-1004.	0.5	129
25	Climatological Characteristics and Seasonal Forecasting of Tropical Cyclones Making Landfall along the South China Coast. <i>Monthly Weather Review</i> , 2003, 131, 1650-1662.	0.5	113
26	Recent decrease in typhoon destructive potential and global warming implications. <i>Nature Communications</i> , 2015, 6, 7182.	5.8	113
27	Interannual and interdecadal variations of tropical cyclone activity in the South China Sea. <i>International Journal of Climatology</i> , 2010, 30, 827-843.	1.5	107
28	Long-term trends and interannual variability in tropical cyclone activity over the western North Pacific. <i>Geophysical Research Letters</i> , 1996, 23, 2765-2767.	1.5	105
29	Global warming changes tropical cyclone translation speed. <i>Nature Communications</i> , 2020, 11, 47.	5.8	104
30	Size and Strength of Tropical Cyclones as Inferred from QuikSCAT Data. <i>Monthly Weather Review</i> , 2012, 140, 811-824.	0.5	103
31	Tropical Cyclone Activity in the Western North Pacific in Relation to the Stratospheric Quasi-Biennial Oscillation. <i>Monthly Weather Review</i> , 1995, 123, 2567-2571.	0.5	96
32	Characteristics, evolution and mechanisms of the summer monsoon onset over Southeast Asia. <i>International Journal of Climatology</i> , 2004, 24, 1461-1482.	1.5	96
33	Interdecadal variability of tropical cyclone landfall in the Philippines from 1902 to 2005. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	94
34	Improvements in the Seasonal Forecasting of Tropical Cyclone Activity over the Western North Pacific. <i>Weather and Forecasting</i> , 2001, 16, 491-498.	0.5	92
35	THE EAST ASIA WINTER MONSOON. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2004, , 54-106.	0.2	91
36	The Role of the Asianâ€“Australian Monsoon System in the Onset Time of El NiÃ±o Events. <i>Journal of Climate</i> , 2001, 14, 418-433.	1.2	90

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37	Relationship between Potential Vorticity Tendency and Tropical Cyclone Motion. <i>Journals of the Atmospheric Sciences</i> , 2002, 59, 1317-1336.	0.6	85
38	Asymmetric Distribution of Convection Associated with Tropical Cyclones Making Landfall along the South China Coast. <i>Monthly Weather Review</i> , 2004, 132, 2410-2420.	0.5	84
39	Interannual variations of tropical cyclone activity over the north Indian Ocean. <i>International Journal of Climatology</i> , 2012, 32, 819-830.	1.5	83
40	A Unified Monsoon Index for South China. <i>Journal of Climate</i> , 1999, 12, 2375-2385.	1.2	81
41	Size of Tropical Cyclones as Inferred from ERS-1 and ERS-2 Data. <i>Monthly Weather Review</i> , 1999, 127, 2992-3001.	0.5	73
42	Interdecadal unstationary relationship between NAO and east China's summer precipitation patterns. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	73
43	Impacts of the basin-wide Indian Ocean SSTA on the South China Sea summer monsoon onset. <i>International Journal of Climatology</i> , 2008, 28, 1579-1587.	1.5	70
44	Interannual and interdecadal variations of landfalling tropical cyclones in East Asia. Part I: time series analysis. <i>International Journal of Climatology</i> , 2009, 29, 1285-1293.	1.5	68
45	The Role of Bay of Bengal Convection in the Onset of the 1998 South China Sea Summer Monsoon. <i>Monthly Weather Review</i> , 2002, 130, 2731-2744.	0.5	67
46	Angular Momentum Transports and Synoptic Flow Patterns Associated with Tropical Cyclone Size Change. <i>Monthly Weather Review</i> , 2013, 141, 3985-4007.	0.5	67
47	Interannual variations of intense typhoon activity. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2007, 59, 455-460.	0.8	66
48	Declining tropical cyclone frequency under global warming. <i>Nature Climate Change</i> , 2022, 12, 655-661.	8.1	64
49	Asymmetric Modulation of Western North Pacific Cyclogenesis by the Madden-Julian Oscillation under ENSO Conditions. <i>Journal of Climate</i> , 2012, 25, 5374-5385.	1.2	63
50	Surface Features of Winter Monsoon Surges over South China. <i>Monthly Weather Review</i> , 1995, 123, 662-680.	0.5	62
51	Upper-Level Features Associated with Winter Monsoon Surges over South China. <i>Monthly Weather Review</i> , 1997, 125, 317-340.	0.5	60
52	The role of MJO and mid-latitude fronts in the South China Sea summer monsoon onset. <i>Climate Dynamics</i> , 2009, 33, 827-841.	1.7	60
53	Convective Asymmetries Associated with Tropical Cyclone Landfall. Part I: f-Plane Simulations. <i>Journals of the Atmospheric Sciences</i> , 2003, 60, 1560-1576.	0.6	55
54	Global climatology of tropical cyclone size as inferred from QuikSCAT data. <i>International Journal of Climatology</i> , 2015, 35, 4843-4848.	1.5	55

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55	Tropical cyclone genesis frequency over the western North Pacific simulated in medium-resolution coupled general circulation models. <i>Climate Dynamics</i> , 2009, 33, 665-683.	1.7	54
56	Impacts of initial vortex size and planetary vorticity on tropical cyclone size. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 2235-2248.	1.0	53
57	Risk assessment for the sustainability of coastal communities: A preliminary study. <i>Science of the Total Environment</i> , 2019, 671, 339-350.	3.9	52
58	Synoptic Flow Patterns Associated with Small and Large Tropical Cyclones over the Western North Pacific. <i>Monthly Weather Review</i> , 2002, 130, 2134-2142.	0.5	51
59	Water vapor sources associated with the early summer precipitation over China. <i>Climate Dynamics</i> , 2008, 30, 497-517.	1.7	49
60	A planetary-scale land-sea breeze circulation in East Asia and the western North Pacific. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2010, 136, 1543-1553.	1.0	49
61	Interannual variations of early summer monsoon rainfall over South China under different PDO backgrounds. <i>International Journal of Climatology</i> , 2011, 31, 847-862.	1.5	49
62	The Analysis of Tropical Cyclone Tracks in the Western North Pacific through Data Mining. Part I: Tropical Cyclone Recurvature. <i>Journal of Applied Meteorology and Climatology</i> , 2013, 52, 1394-1416.	0.6	49
63	Dynamic and Thermodynamic Characteristics Associated with the Onset of the 1998 South China Sea Summer Monsoon. <i>Journal of the Meteorological Society of Japan</i> , 2000, 78, 367-380.	0.7	48
64	Characteristics, Physical Mechanisms, and Prediction of Pre-summer Rainfall over South China: Research Progress during 2008-2019. <i>Journal of the Meteorological Society of Japan</i> , 2020, 98, 19-42.	0.7	48
65	Tropical Cyclone Motion in Response to Land Surface Friction. <i>Journals of the Atmospheric Sciences</i> , 2006, 63, 1324-1337.	0.6	46
66	Interannual variation of Southern Hemisphere tropical cyclone activity and seasonal forecast of tropical cyclone number in the Australian region. <i>International Journal of Climatology</i> , 2012, 32, 190-202.	1.5	46
67	Time-lagged effects of spring Tibetan Plateau soil moisture on the monsoon over China in early summer. <i>International Journal of Climatology</i> , 2007, 28, 55-67.	1.5	44
68	The western Pacific subtropical high and tropical cyclone landfall: Seasonal forecasts using the Met Office GloSea5 system. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 105-116.	1.0	42
69	Convection suppression criteria applied to the MIT cumulus parameterization scheme for simulating the Asian summer monsoon. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	40
70	Impacts of vortex intensity and outer winds on tropical cyclone size. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 525-537.	1.0	40
71	Impacts of Urbanization on the Precipitation Characteristics in Guangdong Province, China. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 696-706.	1.9	40
72	Statistical Characteristics of Pre-summer Rainfall over South China and Associated Synoptic Conditions. <i>Journal of the Meteorological Society of Japan</i> , 2020, 98, 213-233.	0.7	39

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73	An Improved Statistical Scheme for the Prediction of Tropical Cyclones Making Landfall in South China. <i>Weather and Forecasting</i> , 2010, 25, 587-593.	0.5	37
74	Global Perspectives on Tropical Cyclones. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2010, , .	0.2	37
75	Roles of interbasin frequency changes in the poleward shifts of the maximum intensity location of tropical cyclones. <i>Environmental Research Letters</i> , 2015, 10, 104004.	2.2	36
76	Sensitivity of urban rainfall to anthropogenic heat flux: A numerical experiment. <i>Geophysical Research Letters</i> , 2016, 43, 2240-2248.	1.5	36
77	Thermodynamic control on the climate of intense tropical cyclones. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2009, 465, 3011-3021.	1.0	34
78	Recent increase in extreme intensity of tropical cyclones making landfall in South China. <i>Climate Dynamics</i> , 2020, 55, 1059-1074.	1.7	32
79	Spatial heterogeneities of current and future hurricane flood risk along the U.S. Atlantic and Gulf coasts. <i>Science of the Total Environment</i> , 2020, 713, 136704.	3.9	32
80	Tropical Cyclone Genesis in a Global Numerical Weather Prediction Model. <i>Monthly Weather Review</i> , 1999, 127, 611-624.	0.5	31
81	First Transition of the Asian Summer Monsoon in 1998 and the Effect of the Tibet-Tropical Indian Ocean Thermal Contrast.. <i>Journal of the Meteorological Society of Japan</i> , 2001, 79, 241-253.	0.7	31
82	Maintenance mechanisms for the earlyâ€mornning maximum summer rainfall over southeast China. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2011, 137, 959-968.	1.0	31
83	Regional climate simulations of summer diurnal rainfall variations over East Asia and Southeast China. <i>Climate Dynamics</i> , 2013, 40, 1625-1642.	1.7	31
84	Idealized simulations of the effect of Taiwan and Philippines topographies on tropical cyclone tracks. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 1578-1589.	1.0	31
85	Modeling the Effects of Landâ€“Sea Roughness Contrast on Tropical Cyclone Winds. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 3249-3264.	0.6	30
86	Dynamical downscaling forecasts of Western North Pacific tropical cyclone genesis and landfall. <i>Climate Dynamics</i> , 2014, 42, 2227-2237.	1.7	30
87	Potential use of a regional climate model in seasonal tropical cyclone activity predictions in the western North Pacific. <i>Climate Dynamics</i> , 2012, 39, 783-794.	1.7	28
88	Changes in tropical cyclone intensity with translation speed and mixedâ€“layer depth: idealized WRFâ€“ROMS coupled model simulations. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 152-163.	1.0	28
89	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.	1.6	27
90	Rapid Intensification of Typhoon Hato (2017) over Shallow Water. <i>Sustainability</i> , 2019, 11, 3709.	1.6	27

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91	Identification of the Steering Flow for Tropical Cyclone Motion from Objectively Analyzed Wind Fields. <i>Monthly Weather Review</i> , 1985, 113, 106-116.	0.5	26
92	Numerical study on the development of asymmetric convection and vertical wind shear during tropical cyclone landfall. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 1866-1877.	1.0	26
93	Diurnal variations of circulation and precipitation in the vicinity of the Tibetan Plateau in early summer. <i>Climate Dynamics</i> , 2009, 32, 55-73.	1.7	24
94	Dependency of typhoon intensity and genesis locations on El Niño phase and SST shift over the western North Pacific. <i>Theoretical and Applied Climatology</i> , 2012, 109, 383-395.	1.3	24
95	Variations and prediction of the annual number of tropical cyclones affecting Korea and Japan. <i>International Journal of Climatology</i> , 2012, 32, 178-189.	1.5	24
96	Tropical cyclones act to intensify El Niño. <i>Nature Communications</i> , 2019, 10, 3793.	5.8	24
97	Prediction of annual tropical cyclone activity over the western North Pacific and the South China Sea. <i>International Journal of Climatology</i> , 1995, 15, 1011-1019.	1.5	23
98	A Bayesian Regression Approach to Seasonal Prediction of Tropical Cyclones Affecting the Fiji Region. <i>Journal of Climate</i> , 2010, 23, 3425-3445.	1.2	23
99	The Relationship between Tropical Cyclone Rainfall Area and Environmental Conditions over the Subtropical Oceans. <i>Journal of Climate</i> , 2018, 31, 4605-4616.	1.2	23
100	Ensemble Forecasting of Tropical Cyclone Motion Using a Barotropic Model. Part I: Perturbations of the Environment. <i>Monthly Weather Review</i> , 1999, 127, 1229-1243.	0.5	22
101	The Analysis of Tropical Cyclone Tracks in the Western North Pacific through Data Mining. Part II: Tropical Cyclone Landfall. <i>Journal of Applied Meteorology and Climatology</i> , 2013, 52, 1417-1432.	0.6	22
102	Sensitivity of the simulation of tropical cyclone size to microphysics schemes. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 1024-1035.	1.9	22
103	Seasonal variation of diurnal and semidiurnal rainfall over Southeast China. <i>Climate Dynamics</i> , 2012, 39, 1913-1927.	1.7	21
104	Modelling the effects of land-sea contrast on tropical cyclone precipitation under environmental vertical wind shear. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 396-412.	1.0	21
105	Interannual variations of tropical cyclone size over the western North Pacific. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	20
106	Variations of frequency of landfalling typhoons in East China, 1450-1949. <i>International Journal of Climatology</i> , 2012, 32, 1946-1950.	1.5	20
107	A Simple Empirical Model for Estimating the Intensity Change of Tropical Cyclones after Landfall along the South China Coast. <i>Journal of Applied Meteorology and Climatology</i> , 2008, 47, 326-338.	0.6	19
108	Effects of Asymmetric SST Distribution on Straight-Moving Typhoon Ewiniar (2006) and Recurring Typhoon Maemi (2003). <i>Monthly Weather Review</i> , 2013, 141, 3950-3967.	0.5	19

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109	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.	1.0	19
110	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.	1.9	18
111	Integrating Typhoon Destructive Potential and Social-Ecological Systems Toward Resilient Coastal Communities. Earth's Future, 2019, 7, 805-818.	2.4	18
112	Changes of tropical cyclone landfalls in South China throughout the twenty-first century. Climate Dynamics, 2018, 51, 2467-2483.	1.7	17
113	Rainfall asymmetries of landfalling tropical cyclones along the South China coast. Meteorological Applications, 2019, 26, 213-220.	0.9	17
114	Forecasting Tropical Cyclone Turning Motion from Surrounding Wind and Temperature Fields. Monthly Weather Review, 1980, 108, 778-792.	0.5	16
115	Physical Mechanisms Responsible for the Transition from a Warm to a Cold State of the El Niño-Southern Oscillation. Journal of Climate, 2000, 13, 2056-2071.	1.2	16
116	Does warmer China land attract more super typhoons?. Scientific Reports, 2013, 3, 1522.	1.6	16
117	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.	1.0	16
118	Long-term trends in tropical cyclone tracks around Korea and Japan in late summer and early fall. Atmospheric Science Letters, 2019, 20, e939.	0.8	16
119	On the mechanisms of the recurvature of super typhoon Megi. Scientific Reports, 2014, 4, 4451.	1.6	16
120	A 31-year climatology of tropical cyclone size from the NCEP Climate Forecast System Reanalysis. International Journal of Climatology, 2018, 38, e796.	1.5	15
121	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.	1.0	14
122	Variations in the power dissipation index in the East Asia region. Climate Dynamics, 2017, 48, 1963-1985.	1.7	14
123	The Outer-Core Wind Structure of Tropical Cyclones. Journal of the Meteorological Society of Japan, 2018, 96, 297-315.	0.7	14
124	Growing Threat of Rapidly-Intensifying Tropical Cyclones in East Asia. Advances in Atmospheric Sciences, 2022, 39, 222-234.	1.9	14
125	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.	0.7	13
126	The Influence of Uniform Flow on Tropical Cyclone Intensity Change. Journals of the Atmospheric Sciences, 2005, 62, 3193-3212.	0.6	13

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127	Nonstationarity of the Intraseasonal Oscillations Associated with the Western North Pacific Summer Monsoon. <i>Journal of Climate</i> , 2006, 19, 622-629.	1.2	13
128	Ten-year climatology of summer monsoon over South China and its surroundings simulated from a regional climate model. <i>International Journal of Climatology</i> , 2006, 26, 141-157.	1.5	13
129	Changing relationship between La Niña and tropical cyclone landfalling activity in South China (La Niña). <i>Journal of Geophysical Research</i> , 2006, 111, D07101. doi:10.1029/2005JD006414	1.5	13
130	The Effects of the Full Coriolis Force on the Structure and Motion of a Tropical Cyclone. Part I: Effects due to Vertical Motion. <i>Journals of the Atmospheric Sciences</i> , 2005, 62, 3825-3830.	0.6	12
131	Effects of surface heating over Indochina and India landmasses on the summer monsoon over South China. <i>International Journal of Climatology</i> , 2006, 26, 1339-1359.	1.5	12
132	New directions in hydro-climatic histories: observational data recovery, proxy records and the atmospheric circulation reconstructions over the earth (ACRE) initiative in Southeast Asia. <i>Geoscience Letters</i> , 2015, 2, 2.	1.3	12
133	Sensitivity of precipitation statistics to urban growth in a subtropical coastal megacity cluster. <i>Journal of Environmental Sciences</i> , 2017, 59, 6-12.	3.2	12
134	Impact of Cloud Microphysics Schemes on Tropical Cyclone Forecast Over the Western North Pacific. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032288.	1.2	12
135	How Does Pacific Decadal Oscillation Affect Tropical Cyclone Activity Over Far East Asia?. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	12
136	Ensemble Forecasting of Tropical Cyclone Motion Using a Barotropic Model. Part II: Perturbations of the Vortex. <i>Monthly Weather Review</i> , 1999, 127, 2617-2640.	0.5	11
137	Structural changes of a tropical cyclone during landfall: 2D-plane simulations. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 1143-1150.	1.9	11
138	Discrepancies between global reanalyses and observations in the interdecadal variations of Southeast Asian cold surge. <i>International Journal of Climatology</i> , 2011, 31, 2272-2280.	1.5	11
139	Numerical prediction of tropical cyclogenesis part I: Evaluation of model performance. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021, 147, 1626-1641.	1.0	10
140	Meridional oscillation of tropical cyclone activity in the western North Pacific during the past 110 years. <i>Climatic Change</i> , 2021, 164, 1.	1.7	10
141	Prediction of the interannual variations of tropical cyclone movement over regions of the western north pacific. <i>International Journal of Climatology</i> , 1994, 14, 527-538.	1.5	9
142	Momentum Transports Associated with Tropical Cyclone Recurvature. <i>Monthly Weather Review</i> , 1999, 127, 1021-1037.	0.5	9
143	The Effect of a River Delta and Coastal Roughness Variation on a Landfalling Tropical Cyclone. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	9
144	Tropical cyclone recurvature: An intrinsic property?. <i>Geophysical Research Letters</i> , 2016, 43, 8769-8774.	1.5	9

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145	Simulating seasonal tropical cyclone intensities at landfall along the South China coast. <i>Climate Dynamics</i> , 2018, 50, 2661-2672.	1.7	9
146	Interdecadal variation of frequencies of tropical cyclones, intense typhoons and their ratio over the western North Pacific. <i>International Journal of Climatology</i> , 2020, 40, 3954-3970.	1.5	9
147	Tropical Cyclone Impacts on Cities: A Case of Hong Kong. <i>Frontiers in Built Environment</i> , 2020, 6, .	1.2	9
148	A Dual-scheme approach of cumulus parameterization for simulating the Asian summer monsoon. <i>Meteorological Applications</i> , 2010, 17, 287-297.	0.9	8
149	A new approach for location-specific seasonal outlooks of typhoon and super typhoon frequency across the Western North Pacific region. <i>Scientific Reports</i> , 2021, 11, 19439.	1.6	8
150	The role of \hat{I}^2 -effect and a uniform current on tropical cyclone intensity. <i>Advances in Atmospheric Sciences</i> , 2004, 21, 75-86.	1.9	7
151	Interdecadal variability of the location of maximum intensity of category 4-5 typhoons and its implication on landfall intensity in East Asia. <i>International Journal of Climatology</i> , 2019, 39, 1839-1852.	1.5	7
152	Tropical cyclones near landfall can induce their own intensification through feedbacks on radiative forcing. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	7
153	Impacts of Urban Expansion on the Diurnal Variations of Summer Monsoon Precipitation Over the South China Coast. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035318.	1.2	7
154	Relationship between the planetary-scale circulation over East Asia and the intensity of the South Asian Summer Monsoon. <i>Geophysical Research Letters</i> , 2002, 29, 13-1-13-4.	1.5	6
155	The Science of William M. Gray: His Contributions to the Knowledge of Tropical Meteorology and Tropical Cyclones. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 2311-2336.	1.7	6
156	Cyclone-track based seasonal prediction for South Pacific tropical cyclone activity using APCC multi-model ensemble prediction. <i>Climate Dynamics</i> , 2018, 51, 3209-3229.	1.7	6
157	A Train-Like Extreme Multiple Tropical Cyclogenesis Event in the Northwest Pacific in 2004. <i>Geophysical Research Letters</i> , 2018, 45, 8529-8535.	1.5	6
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