

Johnny C L Chan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

173
papers

9,167
citations

49
h-index

92
g-index

177
ext. papers

10,721
ext. citations

4.5
avg, IF

6.75
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 173 | Growing Threat of Rapidly-Intensifying Tropical Cyclones in East Asia. <i>Advances in Atmospheric Sciences</i> , 2022 , 39, 222-234 | 2.9 | 0 |
| 172 | Opposite Changes in Tropical Cyclone Rain Rate During the Recent El Niño and La Niña Years. <i>Geophysical Research Letters</i> , 2022 , 49, | 4.9 | 0 |
| 171 | The Decadal Variation of Eastward-Moving Tropical Cyclones in the South China Sea During 1980-2020. <i>Geophysical Research Letters</i> , 2022 , 49, | 4.9 | 0 |
| 170 | Trends of Tropical Cyclone Translation Speed over the Western North Pacific during 1980-2018. <i>Atmosphere</i> , 2022 , 13, 896 | 2.7 | 0 |
| 169 | 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 | 4.4 | 1 |
| 168 | Numerical prediction of tropical cyclogenesis part I: Evaluation of model performance. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021 , 147, 1626-1641 | 6.4 | 0 |
| 167 | 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 | 4.9 | 2 |
| 166 | Tropical cyclones near landfall can induce their own intensification through feedbacks on radiative forcing. <i>Communications Earth & Environment</i> , 2021 , 2, | 6.1 | 1 |
| 165 | Meridional oscillation of tropical cyclone activity in the western North Pacific during the past 110 years. <i>Climatic Change</i> , 2021 , 164, 1 | 4.5 | 1 |
| 164 | How Does Pacific Decadal Oscillation Affect Tropical Cyclone Activity Over Far East Asia?. <i>Geophysical Research Letters</i> , 2021 , 48, | 4.9 | 0 |
| 163 | Recent increase in extreme intensity of tropical cyclones making landfall in South China. <i>Climate Dynamics</i> , 2020 , 55, 1059-1074 | 4.2 | 10 |
| 162 | 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 | 10.2 | 16 |
| 161 | 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 | 2.8 | 17 |
| 160 | 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 | 2.8 | 19 |
| 159 | Impacts of Urbanization on the Precipitation Characteristics in Guangdong Province, China. <i>Advances in Atmospheric Sciences</i> , 2020 , 37, 696-706 | 2.9 | 13 |
| 158 | Global warming changes tropical cyclone translation speed. <i>Nature Communications</i> , 2020 , 11, 47 | 17.4 | 50 |
| 157 | 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 | 3.5 | 4 |

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| 156 | Tropical Cyclone Impacts on Cities: A Case of Hong Kong. <i>Frontiers in Built Environment</i> , 2020 , 6, | 2.2 | 3 |
| 155 | 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 | 4.4 | 6 |
| 154 | ENSO and Tropical Cyclones. <i>Geophysical Monograph Series</i> , 2020 , 377-408 | 1.1 | 8 |
| 153 | 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 | 6.1 | 243 |
| 152 | Tropical cyclones act to intensify El Niño. <i>Nature Communications</i> , 2019 , 10, 3793 | 17.4 | 13 |
| 151 | An Observational Study of a Coastal Barrier Jet Induced by a Landfalling Typhoon. <i>Monthly Weather Review</i> , 2019 , 147, 4589-4609 | 2.4 | 0 |
| 150 | Tropical Cyclones and Climate Change Assessment: Part I: Detection and Attribution. <i>Bulletin of the American Meteorological Society</i> , 2019 , 100, 1987-2007 | 6.1 | 181 |
| 149 | Climate change and tropical cyclone trend. <i>Nature</i> , 2019 , 570, E3-E5 | 50.4 | 66 |
| 148 | Risk assessment for the sustainability of coastal communities: A preliminary study. <i>Science of the Total Environment</i> , 2019 , 671, 339-350 | 10.2 | 30 |
| 147 | Near-future tropical cyclone predictions in the western North Pacific: fewer tropical storms but more typhoons. <i>Climate Dynamics</i> , 2019 , 53, 1341-1356 | 4.2 | 4 |
| 146 | Rapid Intensification of Typhoon Hato (2017) over Shallow Water. <i>Sustainability</i> , 2019 , 11, 3709 | 3.6 | 12 |
| 145 | Integrating Typhoon Destructive Potential and Social-Ecological Systems Toward Resilient Coastal Communities. <i>Earth's Future</i> , 2019 , 7, 805-818 | 7.9 | 13 |
| 144 | A Method for Diagnosing the Secondary Circulation with Saturated Moist Entropy Structure in a Mature Tropical Cyclone. <i>Advances in Atmospheric Sciences</i> , 2019 , 36, 804-810 | 2.9 | 0 |
| 143 | Long-term trends in tropical cyclone tracks around Korea and Japan in late summer and early fall. <i>Atmospheric Science Letters</i> , 2019 , 20, e939 | 2.4 | 4 |
| 142 | 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 | 6.4 | 26 |
| 141 | Inter-decadal variability of the location of maximum intensity of category 4B typhoons and its implication on landfall intensity in East Asia. <i>International Journal of Climatology</i> , 2019 , 39, 1839-1852 | 3.5 | 3 |
| 140 | Rainfall asymmetries of landfalling tropical cyclones along the South China coast. <i>Meteorological Applications</i> , 2019 , 26, 213-220 | 2.1 | 8 |
| 139 | Changes of tropical cyclone landfalls in South China throughout the twenty-first century. <i>Climate Dynamics</i> , 2018 , 51, 2467-2483 | 4.2 | 10 |

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|-----|---|-----|----|
| 138 | A 31-year climatology of tropical cyclone size from the NCEP Climate Forecast System Reanalysis. <i>International Journal of Climatology</i> , 2018 , 38, e796-e806 | 3.5 | 7 |
| 137 | The Relationship between Tropical Cyclone Rainfall Area and Environmental Conditions over the Subtropical Oceans. <i>Journal of Climate</i> , 2018 , 31, 4605-4616 | 4.4 | 9 |
| 136 | Changing relationship between La Niña and tropical cyclone landfalling activity in South China (La Niña and TC landfalling activity in South China). <i>International Journal of Climatology</i> , 2018 , 38, 1270-1284 | 3.5 | 8 |
| 135 | A Train-Like Extreme Multiple Tropical Cyclogenesis Event in the Northwest Pacific in 2004. <i>Geophysical Research Letters</i> , 2018 , 45, 8529-8535 | 4.9 | 2 |
| 134 | Simulating seasonal tropical cyclone intensities at landfall along the South China coast. <i>Climate Dynamics</i> , 2018 , 50, 2661-2672 | 4.2 | 5 |
| 133 | The Outer-Core Wind Structure of Tropical Cyclones. <i>Journal of the Meteorological Society of Japan</i> , 2018 , 96, 297-315 | 2.8 | 4 |
| 132 | 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 | 4.2 | 4 |
| 131 | Sensitivity of precipitation statistics to urban growth in a subtropical coastal megacity cluster. <i>Journal of Environmental Sciences</i> , 2017 , 59, 6-12 | 6.4 | 6 |
| 130 | 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 | 4.9 | 19 |
| 129 | Variations in the power dissipation index in the East Asia region. <i>Climate Dynamics</i> , 2017 , 48, 1963-1985 | 4.2 | 10 |
| 128 | Near-Future Prediction of Tropical Cyclone Activity over the North Atlantic. <i>Journal of Climate</i> , 2017 , 30, 8795-8809 | 4.4 | 2 |
| 127 | Changes in tropical cyclone intensity with translation speed and mixed-layer depth: idealized WRF-ROMS coupled model simulations. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017 , 143, 152-163 | 6.4 | 18 |
| 126 | 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 | 6.1 | 3 |
| 125 | Effect of the Initial Vortex Size on Intensity Change in the WRF-ROMS Coupled Model. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 9636-9648 | 3.3 | 1 |
| 124 | Idealized simulations of the effect of Taiwan topography on the tracks of tropical cyclones with different steering flow strengths. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016 , 142, 3211-3221 | 6.4 | 9 |
| 123 | Tropical cyclone recurvature: An intrinsic property?. <i>Geophysical Research Letters</i> , 2016 , 43, 8769-8774 | 4.9 | 7 |
| 122 | Sensitivity of the simulation of tropical cyclone size to microphysics schemes. <i>Advances in Atmospheric Sciences</i> , 2016 , 33, 1024-1035 | 2.9 | 12 |
| 121 | Reply to Comment on Roles of interbasin frequency changes in the poleward shifts of maximum intensity location of tropical cyclones. <i>Environmental Research Letters</i> , 2016 , 11, 068002 | 6.2 | 2 |

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|-----|---|------|-----|
| 120 | Idealized simulations of the effect of Taiwan topography on the tracks of tropical cyclones with different sizes. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016 , 142, 793-804 | 6.4 | 11 |
| 119 | Sensitivity of urban rainfall to anthropogenic heat flux: A numerical experiment. <i>Geophysical Research Letters</i> , 2016 , 43, 2240-2248 | 4.9 | 21 |
| 118 | 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 | 3.5 | 10 |
| 117 | Recent decrease in typhoon destructive potential and global warming implications. <i>Nature Communications</i> , 2015 , 6, 7182 | 17.4 | 86 |
| 116 | Global climatology of tropical cyclone size as inferred from QuikSCAT data. <i>International Journal of Climatology</i> , 2015 , 35, 4843-4848 | 3.5 | 35 |
| 115 | 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 | 6.2 | 20 |
| 114 | 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 | 6.4 | 17 |
| 113 | Impacts of vortex intensity and outer winds on tropical cyclone size. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015 , 141, 525-537 | 6.4 | 29 |
| 112 | Observed Variations of Western North Pacific Tropical Cyclone Activity on Decadal Time Scales and Longer. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2015 , 303-313 | | 2 |
| 111 | Idealized simulations of the effect of local and remote topographies on tropical cyclone tracks. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015 , 141, 2045-2056 | 6.4 | 17 |
| 110 | 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 | 6.4 | 38 |
| 109 | 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 | 6.4 | 21 |
| 108 | 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 | 6.4 | 19 |
| 107 | Dynamical downscaling forecasts of Western North Pacific tropical cyclone genesis and landfall. <i>Climate Dynamics</i> , 2014 , 42, 2227-2237 | 4.2 | 25 |
| 106 | On the mechanisms of the recurvature of super typhoon Megi. <i>Scientific Reports</i> , 2014 , 4, 4451 | 4.9 | 11 |
| 105 | Regional climate simulations of summer diurnal rainfall variations over East Asia and Southeast China. <i>Climate Dynamics</i> , 2013 , 40, 1625-1642 | 4.2 | 28 |
| 104 | Does warmer China land attract more super typhoons?. <i>Scientific Reports</i> , 2013 , 3, 1522 | 4.9 | 14 |
| 103 | Inactive Period of Western North Pacific Tropical Cyclone Activity in 1998-2011. <i>Journal of Climate</i> , 2013 , 26, 2614-2630 | 4.4 | 109 |

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|-----|---|-----|-----|
| 102 | Effects of Asymmetric SST Distribution on Straight-Moving Typhoon Ewiniar (2006) and Recurving Typhoon Maemi (2003). <i>Monthly Weather Review</i> , 2013 , 141, 3950-3967 | 2.4 | 14 |
| 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 | 2.7 | 19 |
| 100 | Angular Momentum Transports and Synoptic Flow Patterns Associated with Tropical Cyclone Size Change. <i>Monthly Weather Review</i> , 2013 , 141, 3985-4007 | 2.4 | 45 |
| 99 | 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 | 2.7 | 39 |
| 98 | Variations and prediction of the annual number of tropical cyclones affecting Korea and Japan. <i>International Journal of Climatology</i> , 2012 , 32, 178-189 | 3.5 | 16 |
| 97 | 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 | 3.5 | 37 |
| 96 | Interannual variations of tropical cyclone activity over the north Indian Ocean. <i>International Journal of Climatology</i> , 2012 , 32, 819-830 | 3.5 | 63 |
| 95 | Variations of frequency of landfalling typhoons in East China, 1450-1949. <i>International Journal of Climatology</i> , 2012 , 32, 1946-1950 | 3.5 | 15 |
| 94 | Seasonal variation of diurnal and semidiurnal rainfall over Southeast China. <i>Climate Dynamics</i> , 2012 , 39, 1913-1927 | 4.2 | 13 |
| 93 | 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 | 4.2 | 25 |
| 92 | Size and Strength of Tropical Cyclones as Inferred from QuikSCAT Data. <i>Monthly Weather Review</i> , 2012 , 140, 811-824 | 2.4 | 78 |
| 91 | 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 | 3 | 19 |
| 90 | Geophysical Applications of Partial Wavelet Coherence and Multiple Wavelet Coherence. <i>Journal of Atmospheric and Oceanic Technology</i> , 2012 , 29, 1845-1853 | 2 | 169 |
| 89 | Asymmetric Modulation of Western North Pacific Cyclogenesis by the Madden-Julian Oscillation under ENSO Conditions. <i>Journal of Climate</i> , 2012 , 25, 5374-5385 | 4.4 | 57 |
| 88 | Maintenance mechanisms for the early-morning maximum summer rainfall over southeast China. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2011 , 137, 959-968 | 6.4 | 28 |
| 87 | Interannual variations of early summer monsoon rainfall over South China under different PDO backgrounds. <i>International Journal of Climatology</i> , 2011 , 31, 847-862 | 3.5 | 41 |
| 86 | 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 | 3.5 | 9 |
| 85 | An Improved Statistical Scheme for the Prediction of Tropical Cyclones Making Landfall in South China. <i>Weather and Forecasting</i> , 2010 , 25, 587-593 | 2.1 | 28 |

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| 84 | A Bayesian Regression Approach to Seasonal Prediction of Tropical Cyclones Affecting the Fiji Region. <i>Journal of Climate</i> , 2010 , 23, 3425-3445 | 4.4 | 17 |
| 83 | The Effect of a River Delta and Coastal Roughness Variation on a Landfalling Tropical Cyclone. <i>Journal of Geophysical Research</i> , 2010 , 115, | | 8 |
| 82 | Global Warming and Tropical Cyclone Activity in the Western North Pacific from an Observational Perspective. <i>Geophysical Monograph Series</i> , 2010 , 193-205 | 1.1 | 1 |
| 81 | 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 | 2.9 | 108 |
| 80 | Structural changes of a tropical cyclone during landfall: Eplane simulations. <i>Advances in Atmospheric Sciences</i> , 2010 , 27, 1143-1150 | 2.9 | 9 |
| 79 | Interannual and interdecadal variations of tropical cyclone activity in the South China Sea. <i>International Journal of Climatology</i> , 2010 , 30, 827-843 | 3.5 | 83 |
| 78 | A Dual-scheme approach of cumulus parameterization for simulating the Asian summer monsoon. <i>Meteorological Applications</i> , 2010 , 17, 287-297 | 2.1 | 7 |
| 77 | 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 | 6.4 | 40 |
| 76 | Global Perspectives on Tropical Cyclones. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2010 , | | 25 |
| 75 | Global Warming and Tropical Cyclone Activity in the Western North Pacific 2010 , 37-46 | | |
| 74 | 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 | 2.4 | 208 |
| 73 | 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 | 2.4 | 26 |
| 72 | Inter-annual and inter-decadal variations of landfalling tropical cyclones in East Asia. Part I: time series analysis. <i>International Journal of Climatology</i> , 2009 , 29, 1285-1293 | 3.5 | 56 |
| 71 | Diurnal variations of circulation and precipitation in the vicinity of the Tibetan Plateau in early summer. <i>Climate Dynamics</i> , 2009 , 32, 55-73 | 4.2 | 22 |
| 70 | The role of MJO and mid-latitude fronts in the South China Sea summer monsoon onset. <i>Climate Dynamics</i> , 2009 , 33, 827-841 | 4.2 | 53 |
| 69 | 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 | 4.2 | 47 |
| 68 | Interdecadal variability of tropical cyclone landfall in the Philippines from 1902 to 2005. <i>Geophysical Research Letters</i> , 2009 , 36, | 4.9 | 68 |
| 67 | Interdecadal unstationary relationship between NAO and east China's summer precipitation patterns. <i>Geophysical Research Letters</i> , 2009 , 36, | 4.9 | 64 |

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| 66 | Interdecadal Variability of Western North Pacific Tropical Cyclone Tracks. <i>Journal of Climate</i> , 2008 , 21, 4464-4476 | 4.4 | 127 |
| 65 | 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 | 2.7 | 13 |
| 64 | Water vapor sources associated with the early summer precipitation over China. <i>Climate Dynamics</i> , 2008 , 30, 497-517 | 4.2 | 37 |
| 63 | 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 | 3.5 | 56 |
| 62 | ENSO and the South China Sea summer monsoon onset. <i>International Journal of Climatology</i> , 2007 , 27, 157-167 | 3.5 | 171 |
| 61 | 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 | 3.5 | 35 |
| 60 | Interannual variations of intense typhoon activity. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2007 , 59, 455-460 | 2 | 59 |
| 59 | Modeling the Effects of Land-Sea Roughness Contrast on Tropical Cyclone Winds. <i>Journals of the Atmospheric Sciences</i> , 2007 , 64, 3249-3264 | 2.1 | 25 |
| 58 | 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 | 3.5 | 12 |
| 57 | 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 | 3.5 | 8 |
| 56 | Comment on "Changes in tropical cyclone number, duration, and intensity in a warming environment". <i>Science</i> , 2006 , 311, 1713; author reply 1713 | 33.3 | 142 |
| 55 | Tropical Cyclone Motion in Response to Land Surface Friction. <i>Journals of the Atmospheric Sciences</i> , 2006 , 63, 1324-1337 | 2.1 | 36 |
| 54 | Convection suppression criteria applied to the MIT cumulus parameterization scheme for simulating the Asian summer monsoon. <i>Geophysical Research Letters</i> , 2006 , 33, | 4.9 | 38 |
| 53 | Nonstationarity of the Intraseasonal Oscillations Associated with the Western North Pacific Summer Monsoon. <i>Journal of Climate</i> , 2006 , 19, 622-629 | 4.4 | 11 |
| 52 | PDO, ENSO and the early summer monsoon rainfall over south China. <i>Geophysical Research Letters</i> , 2005 , 32, | 4.9 | 218 |
| 51 | The Influence of Uniform Flow on Tropical Cyclone Intensity Change. <i>Journals of the Atmospheric Sciences</i> , 2005 , 62, 3193-3212 | 2.1 | 12 |
| 50 | 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 | 2.1 | 9 |
| 49 | Intraseasonal Variability of the South China Sea Summer Monsoon. <i>Journal of Climate</i> , 2005 , 18, 2388-2402 | 4.4 | 157 |

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|----|---|-----|------|
| 48 | Intraseasonal oscillations and the South China Sea summer monsoon onset. <i>International Journal of Climatology</i> , 2005 , 25, 1585-1609 | 3.5 | 119 |
| 47 | The East Asian summer monsoon: an overview. <i>Meteorology and Atmospheric Physics</i> , 2005 , 89, 117-142 | 2 | 1148 |
| 46 | Interannual and interdecadal variations of tropical cyclone activity over the western North Pacific. <i>Meteorology and Atmospheric Physics</i> , 2005 , 89, 143-152 | 2 | 149 |
| 45 | Global Warming and Western North Pacific Typhoon Activity from an Observational Perspective. <i>Journal of Climate</i> , 2004 , 17, 4590-4602 | 4.4 | 186 |
| 44 | Tropical Cyclone Intensity in Vertical Wind Shear. <i>Journals of the Atmospheric Sciences</i> , 2004 , 61, 1859-1876 | 3.6 | 119 |
| 43 | THE EAST ASIA WINTER MONSOON. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2004 , 54-106 | | 75 |
| 42 | The role of Ekman effect and a uniform current on tropical cyclone intensity. <i>Advances in Atmospheric Sciences</i> , 2004 , 21, 75-86 | 2.9 | 7 |
| 41 | Characteristics, evolution and mechanisms of the summer monsoon onset over Southeast Asia. <i>International Journal of Climatology</i> , 2004 , 24, 1461-1482 | 3.5 | 82 |
| 40 | Asymmetric Distribution of Convection Associated with Tropical Cyclones Making Landfall along the South China Coast. <i>Monthly Weather Review</i> , 2004 , 132, 2410-2420 | 2.4 | 66 |
| 39 | Climatological Characteristics and Seasonal Forecasting of Tropical Cyclones Making Landfall along the South China Coast. <i>Monthly Weather Review</i> , 2003 , 131, 1650-1662 | 2.4 | 90 |
| 38 | Convective Asymmetries Associated with Tropical Cyclone Landfall. Part I: f-Plane Simulations. <i>Journals of the Atmospheric Sciences</i> , 2003 , 60, 1560-1576 | 2.1 | 46 |
| 37 | Interannual variations of tropical cyclone size over the western North Pacific. <i>Geophysical Research Letters</i> , 2003 , 30, | 4.9 | 15 |
| 36 | Interannual and interdecadal variability of winter precipitation over china in relation to global sea level pressure anomalies. <i>Advances in Atmospheric Sciences</i> , 2002 , 19, 914-926 | 2.9 | 14 |
| 35 | How Strong ENSO Events Affect Tropical Storm Activity over the Western North Pacific*. <i>Journal of Climate</i> , 2002 , 15, 1643-1658 | 4.4 | 635 |
| 34 | 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 | 2.4 | 59 |
| 33 | Relationship between Potential Vorticity Tendency and Tropical Cyclone Motion. <i>Journals of the Atmospheric Sciences</i> , 2002 , 59, 1317-1336 | 2.1 | 74 |
| 32 | 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 | 4.9 | 4 |
| 31 | Synoptic Flow Patterns Associated with Small and Large Tropical Cyclones over the Western North Pacific. <i>Monthly Weather Review</i> , 2002 , 130, 2134-2142 | 2.4 | 32 |

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|----|---|-----|-----|
| 30 | The Role of the Asian-Australian Monsoon System in the Onset Time of El Niño Events. <i>Journal of Climate</i> , 2001 , 14, 418-433 | 4.4 | 78 |
| 29 | Improvements in the Seasonal Forecasting of Tropical Cyclone Activity over the Western North Pacific. <i>Weather and Forecasting</i> , 2001 , 16, 491-498 | 2.1 | 76 |
| 28 | Tropical Cyclone Intensity Change from a Simple Ocean-Atmosphere Coupled Model. <i>Journals of the Atmospheric Sciences</i> , 2001 , 58, 154-172 | 2.1 | 111 |
| 27 | 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 | 2.8 | 28 |
| 26 | Physical Mechanisms Responsible for the Transition from a Warm to a Cold State of the El Niño-Southern Oscillation. <i>Journal of Climate</i> , 2000 , 13, 2056-2071 | 4.4 | 16 |
| 25 | 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 | 2.8 | 45 |
| 24 | 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 | 4.4 | 335 |
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