

Wen Zhou

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.

191 papers	5,755 citations	41 h-index	68 g-index
198 ext. papers	6,780 ext. citations	3.6 avg, IF	6.34 L-index

#	Paper	IF	Citations
191	Dissimilarity among Ocean Reanalyses in Equatorial Pacific Upper-Ocean Heat Content and Its Relationship with ENSO. <i>Advances in Atmospheric Sciences</i> , 2022 , 39, 67-79	2.9	
190	IOD, ENSO, and seasonal precipitation variation over Eastern China. <i>Atmospheric Research</i> , 2022 , 106042	5.4	1
189	Joint effect of West Pacific warming and the Arctic Oscillation on the bidecadal variation and trend of the East Asian trough. <i>Journal of Climate</i> , 2022 , 1-34	4.4	1
188	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
187	East Asian summer monsoon enhanced by COVID-19.. <i>Climate Dynamics</i> , 2022 , 1-14	4.2	0
186	The decadal shift in TC-induced precipitation over China. <i>Atmospheric Research</i> , 2022 , 106186	5.4	
185	Changes in the Relationship between ENSO and the Winter Arctic Stratospheric Polar Vortex in Recent Decades. <i>Journal of Climate</i> , 2022 , 1-33	4.4	
184	Prediction of dengue annual incidence using seasonal climate variability in Bangladesh between 2000 and 2018. <i>PLOS Global Public Health</i> , 2022 , 2, e0000047		2
183	Spatiotemporal characteristics of spring rainfall over Southwest China and their relationships with sea surface temperature during 1961-2017. <i>Theoretical and Applied Climatology</i> , 2021 , 145, 775-786	3	1
182	Impact of the Indian Ocean Dipole on Evolution of the Subsequent ENSO: Relative Roles of Dynamic and Thermodynamic Processes. <i>Journal of Climate</i> , 2021 , 34, 3591-3607	4.4	12
181	Spatial Characteristics of Coronavirus Disease 2019 and Their Possible Relationship With Environmental and Meteorological Factors in Hubei Province, China. <i>GeoHealth</i> , 2021 , 5, e2020GH000358	5	3
180	Position, Magnitude, and Size of Warm-Pool El Niño: Variability, Seasonal Predictability, and Climate Impacts. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2021JD034917	4.4	2
179	Spatial correlation length of summer extreme heat stress over eastern China. <i>International Journal of Climatology</i> , 2021 , 41, 3121-3138	3.5	2
178	Urban heat islands in Hong Kong: Bonding with atmospheric stability. <i>Atmospheric Science Letters</i> , 2021 , 22, e1032	2.4	3
177	Interdecadal Shift of the Relationship between ENSO and Winter Synoptic Temperature Variability over the Asian-Pacific American Region in the 1980s. <i>Journal of Climate</i> , 2021 , 34, 5321-5335	4.4	5
176	The 2019 Autumn Hot Drought Over the Middle-Lower Reaches of the Yangtze River in China: Early Propagation, Process Evolution, and Concurrence. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2020JD033742	4.4	1
175	North Atlantic as a Trigger for Pacific-Wide Decadal Climate Change. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL094719	4.9	2

174	Present and future relations between ENSO and winter synoptic temperature variability over the Asian-Pacific-American region simulated by CMIP5/6. <i>Journal of Climate</i> , 2021 , 1-49	4.4	
173	Evaluation and Projections of Wind Power Resources over China for the Energy Industry Using CMIP5 Models. <i>Energies</i> , 2020 , 13, 2417	3.1	9
172	Amplification of synoptic to annual variability of West African summer monsoon rainfall under global warming. <i>Npj Climate and Atmospheric Science</i> , 2020 , 3,	8	8
171	Meteorological Drought Migration in the Poyang Lake Basin, China: Switching among Different Climate Modes. <i>Journal of Hydrometeorology</i> , 2020 , 21, 415-431	3.7	5
170	Understanding the Variability of West African Summer Monsoon Rainfall: Contrasting Tropospheric Features and Monsoon Index. <i>Atmosphere</i> , 2020 , 11, 309	2.7	7
169	Remote Tropical Western Indian Ocean Forcing on Changes in June Precipitation in South China and the Indochina Peninsula. <i>Journal of Climate</i> , 2020 , 33, 7553-7566	4.4	10
168	Analysis of Record-High Temperature over Southeast Coastal China in Winter 2018/19: The Combined Effect of Mid- to High-Latitude Circulation Systems and SST Forcing over the North Atlantic and Tropical Western Pacific. <i>Journal of Climate</i> , 2020 , 33, 8813-8831	4.4	6
167	An Interdecadal Change of the Boreal Summer Silk Road Pattern around the Late 1990s. <i>Journal of Climate</i> , 2020 , 33, 7083-7100	4.4	5
166	Drier North American Monsoon in Contrast to AsianAfrican Monsoon under Global Warming. <i>Journal of Climate</i> , 2020 , 33, 9801-9816	4.4	10
165	Different Enhancement of the East Asian Summer Monsoon under Global Warming and Interglacial Epochs Simulated by CMIP6 Models: Role of the Subtropical High. <i>Journal of Climate</i> , 2020 , 33, 9721-9733	4.4	12
164	Predictability of the wintertime 500 hPa geopotential height over Ural-Siberia in the NCEP climate forecast system. <i>Climate Dynamics</i> , 2020 , 54, 1591-1606	4.2	8
163	Occurrence and impacts of tropical cyclones over the southern South China Sea. <i>International Journal of Climatology</i> , 2020 , 40, 4218-4227	3.5	1
162	Identifying spatial extent of meteorological droughts: An examination over a humid region. <i>Journal of Hydrology</i> , 2020 , 591, 125505	6	6
161	Role of the South Asian High in the Onset Process of the Asian Summer Monsoon during Spring-to-Summer Transition. <i>Atmosphere</i> , 2019 , 10, 239	2.7	12
160	Delayed impacts of the IOD: cross-seasonal relationships between the IOD, Tibetan Plateau snow, and summer precipitation over the Yangtze-Huaihe River region. <i>Climate Dynamics</i> , 2019 , 53, 4077-4093	4.2	8
159	Variation in Summer Rainfall over the Yangtze River Region during Warming and Hiatus Periods. <i>Atmosphere</i> , 2019 , 10, 173	2.7	2
158	Contrasting changes in the sea surface temperature and upper ocean heat content in the South China Sea during recent decades. <i>Climate Dynamics</i> , 2019 , 53, 1597-1612	4.2	14
157	A Comparative Computational Fluid Dynamic Study on the Effects of Terrain Type on Hub-Height Wind Aerodynamic Properties. <i>Energies</i> , 2019 , 12, 83	3.1	3

156	Ensemble-based CMIP5 simulations of West African summer monsoon rainfall: current climate and future changes. <i>Theoretical and Applied Climatology</i> , 2019 , 136, 1021-1031	3	17
155	Dynamic and thermodynamic factors controlling increasing summer monsoon rainfall over the West African Sahel. <i>Climate Dynamics</i> , 2019 , 52, 4501-4514	4.2	14
154	Projections of West African summer monsoon rainfall extremes from two CORDEX models. <i>Climate Dynamics</i> , 2019 , 52, 2017-2028	4.2	44
153	Diversity of the Wintertime Arctic Oscillation Pattern among CMIP5 Models: Role of the Stratospheric Polar Vortex. <i>Journal of Climate</i> , 2019 , 32, 5235-5250	4.4	13
152	Enhancement of lower tropospheric winter synoptic temperature variations in Southwest China and the northern Indochina Peninsula after 2010. <i>Climate Dynamics</i> , 2019 , 53, 2281-2294	4.2	5
151	Detection and attribution of upper-tropospheric warming over the tropical western Pacific. <i>Climate Dynamics</i> , 2019 , 53, 3057-3068	4.2	8
150	Assessment of the Environmental and Societal Impacts of the Category-3 Typhoon Hato. <i>Atmosphere</i> , 2019 , 10, 296	2.7	3
149	Projection of West African summer monsoon rainfall in dynamically downscaled CMIP5 models. <i>Climate Dynamics</i> , 2019 , 53, 81-95	4.2	17
148	Phase relationship between summer and winter monsoons over the South China Sea: Indian Ocean and ENSO forcing. <i>Climate Dynamics</i> , 2019 , 52, 5229-5248	4.2	14
147	Analysis of dust wet deposition in the mid-latitudes of the Northern Hemisphere. <i>Air Quality, Atmosphere and Health</i> , 2019 , 12, 217-227	5.6	1
146	Modulation of the southern Indian Ocean dipole on the impact of El Niño Southern Oscillation on Australian summer rainfall. <i>International Journal of Climatology</i> , 2019 , 39, 2484-2490	3.5	5
145	Circumglobal teleconnection and eddy control of variation in summer precipitation over Northwest China. <i>Climate Dynamics</i> , 2018 , 51, 1351-1362	4.2	11
144	Statistical prediction of non-Gaussian climate extremes in urban areas based on the first-order difference method. <i>International Journal of Climatology</i> , 2018 , 38, 2889-2898	3.5	4
143	Large-scale Circulation Control of the Occurrence of Low-level Turbulence at Hong Kong International Airport. <i>Advances in Atmospheric Sciences</i> , 2018 , 35, 435-444	2.9	5
142	Response to climate change of montane herbaceous plants in the genus <i>Rhodiola</i> predicted by ecological niche modelling. <i>Scientific Reports</i> , 2018 , 8, 5879	4.9	26
141	Wet-to-dry shift over Southwest China in 1994 tied to the warming of tropical warm pool. <i>Climate Dynamics</i> , 2018 , 51, 3111-3123	4.2	33
140	Remarkable link between projected uncertainties of Arctic sea-ice decline and winter Eurasian climate. <i>Advances in Atmospheric Sciences</i> , 2018 , 35, 38-51	2.9	8
139	Remote impact of North Atlantic sea surface temperature on rainfall in southwestern China during boreal spring. <i>Climate Dynamics</i> , 2018 , 50, 541-553	4.2	18

138	Extreme subsurface warm events in the South China Sea during 1998/99 and 2006/07: observations and mechanisms. <i>Climate Dynamics</i> , 2018 , 50, 115-128	4.2	14
137	Modulations of rising motion and moisture on summer precipitation over the middle and lower reaches of the Yangtze river. <i>Climate Dynamics</i> , 2018 , 51, 4259-4269	4.2	7
136	Revisiting the intraseasonal, interannual and interdecadal variability of tropical cyclones in the western North Pacific. <i>Atmospheric and Oceanic Science Letters</i> , 2018 , 11, 198-208	1.4	13
135	Unusual Rainfall in Southern China in Decaying August during Extreme El Niño 2015/16: Role of the Western Indian Ocean and North Tropical Atlantic SST. <i>Journal of Climate</i> , 2018 , 31, 7019-7034	4.4	21
134	Interdecadal change in the summer SST-precipitation relationship around the late 1990s over the South China Sea. <i>Climate Dynamics</i> , 2018 , 51, 2229-2246	4.2	6
133	Revisiting the Northern Mode of East Asian Winter Monsoon Variation and Its Response to Global Warming. <i>Journal of Climate</i> , 2018 , 31, 9001-9014	4.4	12
132	Assessment and Performance Evaluation of a Wind Turbine Power Output. <i>Energies</i> , 2018 , 11, 1992	3.1	9
131	Influence of Tropical Cyclones on Hong Kong Air Quality. <i>Advances in Atmospheric Sciences</i> , 2018 , 35, 1177-1188	2.9	14
130	Meridional displacement of the East Asian trough and its response to the ENSO forcing. <i>Climate Dynamics</i> , 2017 , 48, 335-352	4.2	22
129	Statistical modeling and trend detection of extreme sea level records in the Pearl River Estuary. <i>Advances in Atmospheric Sciences</i> , 2017 , 34, 383-396	2.9	7
128	Response of Winter Moisture Circulation to the IndiaBurma Trough and Its Modulation by the South Asian Waveguide. <i>Journal of Climate</i> , 2017 , 30, 1197-1210	4.4	13
127	Change in Destructiveness of Landfalling Tropical Cyclones over China in Recent Decades. <i>Journal of Climate</i> , 2017 , 30, 3367-3379	4.4	40
126	Effects of tropical cyclone activity on the boundary moisture budget over the eastern China monsoon region. <i>Advances in Atmospheric Sciences</i> , 2017 , 34, 700-712	2.9	2
125	Delivery of 12QAM Single Carrier Signal in a MIMO Radio-Over-Fiber System at 60 GHz. <i>IEEE Photonics Journal</i> , 2017 , 9, 1-7	1.8	6
124	Impact of long-range desert dust transport on hydrometeor formation over coastal East Asia. <i>Advances in Atmospheric Sciences</i> , 2017 , 34, 101-115	2.9	5
123	Intraseasonal variation of visibility in Hong Kong. <i>Advances in Atmospheric Sciences</i> , 2017 , 34, 26-38	2.9	6
122	Regional moisture budget associated with drought/flood events over China. <i>Progress in Earth and Planetary Science</i> , 2017 , 4,	3.9	10
121	Impact of Arctic amplification on East Asian winter climate. <i>Atmospheric and Oceanic Science Letters</i> , 2017 , 10, 385-388	1.4	16

120	Impact of long-range desert dust transport on coastal East Asia: analysis of urban dust concentration and wet deposition with model simulation. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 325-337	5.6	9
119	A preliminary analysis of wind turbine energy yield. <i>Energy Procedia</i> , 2017 , 138, 423-428	2.3	5
118	Regional Impact Assessment of Monsoon Variability on Wind Power Availability and Optimization in Asia. <i>Atmosphere</i> , 2017 , 8, 219	2.7	4
117	Eddy contributions at multiple timescales to the evolution of persistent anomalous East Asian trough. <i>Climate Dynamics</i> , 2016 , 46, 2287-2303	4.2	15
116	Understanding and detecting super-extreme droughts in Southwest China through an integrated approach and index. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016 , 142, 529-535	6.4	28
115	Synoptic-scale characteristics and atmospheric controls of summer heat waves in China. <i>Climate Dynamics</i> , 2016 , 46, 2923-2941	4.2	88
114	Modulation of the interannual variation of the India-Burma Trough on the winter moisture supply over Southwest China. <i>Climate Dynamics</i> , 2016 , 46, 147-158	4.2	26
113	Synoptic-Scale Waves in Sheared Background Flow over the Western North Pacific. <i>Journals of the Atmospheric Sciences</i> , 2016 , 73, 4583-4603	2.1	13
112	Detecting the origins of moisture over southeast China: Seasonal variation and heavy rainfall. <i>Advances in Atmospheric Sciences</i> , 2016 , 33, 319-329	2.9	26
111	Historical change and future scenarios of sea level rise in Macau and adjacent waters. <i>Advances in Atmospheric Sciences</i> , 2016 , 33, 462-475	2.9	11
110	Simple metrics for representing East Asian winter monsoon variability: Urals blocking and western Pacific teleconnection patterns. <i>Advances in Atmospheric Sciences</i> , 2016 , 33, 695-705	2.9	14
109	A strong phase reversal of the Arctic Oscillation in midwinter 2015/2016: Role of the stratospheric polar vortex and tropospheric blocking. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 13,443-13,457	4.4	27
108	Direct and indirect ENSO modulation of winter temperature over the Asian-Pacific-American region. <i>Scientific Reports</i> , 2016 , 6, 36356	4.9	22
107	Urban heat islands in Hong Kong: statistical modeling and trend detection. <i>Natural Hazards</i> , 2016 , 83, 885-907	3	35
106	Vertical structure, physical properties, and energy exchange of the East Asian trough in boreal winter. <i>Climate Dynamics</i> , 2015 , 45, 1635-1656	4.2	15
105	Multiscale control of summertime persistent heavy precipitation events over South China in association with synoptic, intraseasonal, and low-frequency background. <i>Climate Dynamics</i> , 2015 , 45, 1043-1057	4.2	35
104	Energetics and dynamics associated with two typical mobile trough pathways over East Asia in boreal winter. <i>Climate Dynamics</i> , 2015 , 44, 1611-1626	4.2	13
103	Statistical modeling and CMIP5 simulations of hot spell changes in China. <i>Climate Dynamics</i> , 2015 , 44, 2859-2872	4.2	29

102	Variation of circulation and East Asian climate associated with anomalous strength and displacement of the East Asian trough. <i>Climate Dynamics</i> , 2015 , 45, 2713-2732	4.2	24
101	Assessment of Regional Drought Trend and Risk over China: A Drought Climate Division Perspective. <i>Journal of Climate</i> , 2015 , 28, 7025-7037	4.4	50
100	Interdecadal Changes in Summertime Tropical Cyclone Precipitation over Southeast China during 1960–2009. <i>Journal of Climate</i> , 2015 , 28, 1494-1509	4.4	34
99	Seasonal prediction of June rainfall over South China: Model assessment and statistical downscaling. <i>Advances in Atmospheric Sciences</i> , 2015 , 32, 680-689	2.9	2
98	Projections of the advance in the start of the growing season during the 21st century based on CMIP5 simulations. <i>Advances in Atmospheric Sciences</i> , 2015 , 32, 831-838	2.9	10
97	Climatological Characteristics and Observed Trends of Tropical Cyclone-Induced Rainfall and Their Influences on Long-Term Rainfall Variations in Hong Kong. <i>Monthly Weather Review</i> , 2015 , 143, 2192-2206	2.4	14
96	Implications of Ural Blocking for East Asian Winter Climate in CMIP5 GCMs. Part I: Biases in the Historical Scenario. <i>Journal of Climate</i> , 2015 , 28, 2203-2216	4.4	14
95	Implications of Ural Blocking for East Asian Winter Climate in CMIP5 GCMs. Part II: Projection and Uncertainty in Future Climate Conditions. <i>Journal of Climate</i> , 2015 , 28, 2217-2233	4.4	5
94	Projection of the Zhujiang (Pearl) River Delta's potential submerged area due to sea level rise during the 21st century based on CMIP5 simulations. <i>Acta Oceanologica Sinica</i> , 2015 , 34, 78-84	1	3
93	Extreme rainfall and summer heat waves in Macau based on statistical theory of extreme values. <i>Climate Research</i> , 2015 , 66, 91-101	1.6	7
92	Two Approaches for Statistical Prediction of Non-Gaussian Climate Extremes: A Case Study of Macao Hot Extremes during 1912–2012. <i>Journal of Climate</i> , 2015 , 28, 623-636	4.4	18
91	Interannual and Interdecadal Variability of the Number of Cold Days in Hong Kong and Their Relationship with Large-Scale Circulation. <i>Monthly Weather Review</i> , 2015 , 143, 1438-1454	2.4	23
90	Teleconnected influence of tropical Northwest Pacific sea surface temperature on interannual variability of autumn precipitation in Southwest China. <i>Climate Dynamics</i> , 2015 , 45, 2527-2539	4.2	42
89	Assessment of future drought in Southwest China based on CMIP5 multimodel projections. <i>Advances in Atmospheric Sciences</i> , 2014 , 31, 1035-1050	2.9	92
88	Consistent responses of East Asian summer mean rainfall to global warming in CMIP5 simulations. <i>Theoretical and Applied Climatology</i> , 2014 , 117, 123-131	3	22
87	Three Eurasian teleconnection patterns: spatial structures, temporal variability, and associated winter climate anomalies. <i>Climate Dynamics</i> , 2014 , 42, 2817-2839	4.2	140
86	To begin or not to begin? A case study on the MJO initiation problem. <i>Theoretical and Applied Climatology</i> , 2014 , 115, 231-241	3	8
85	Interdecadal Change in South China Sea Tropical Cyclone Frequency in Association with Zonal Sea Surface Temperature Gradient. <i>Journal of Climate</i> , 2014 , 27, 5468-5480	4.4	47

84	Summer High Temperature Extremes in Southeast China: Bonding with the El Niño Southern Oscillation and East Asian Summer Monsoon Coupled System. <i>Journal of Climate</i> , 2014 , 27, 4122-4138	4.4	53
83	Influences of the Pacific-Japan Teleconnection Pattern on Synoptic-Scale Variability in the Western North Pacific. <i>Journal of Climate</i> , 2014 , 27, 140-154	4.4	50
82	Comparison of the impact of two types of El Niño on tropical cyclone genesis over the South China Sea. <i>International Journal of Climatology</i> , 2014 , 34, 2651-2660	3.5	45
81	Water Vapor Transport and Moisture Budget over Eastern China: Remote Forcing from the Two Types of El Niño. <i>Journal of Climate</i> , 2014 , 27, 8778-8792	4.4	43
80	The contribution of different aerosol sources to the Aerosol Optical Depth in Hong Kong. <i>Atmospheric Environment</i> , 2014 , 83, 145-154	5.3	13
79	High and low latitude types of the downstream influences of the North Atlantic Oscillation. <i>Climate Dynamics</i> , 2014 , 42, 1097-1111	4.2	20
78	The impacts of the summer Asian Jet Stream biases on surface air temperature in mid-eastern China in IPCC AR4 models. <i>International Journal of Climatology</i> , 2013 , 33, 265-276	3.5	17
77	Summer high temperature extremes in Southeast China associated with the East Asian jet stream and circumglobal teleconnection. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 8306-8319	4.4	64
76	Variability and risk analysis of Hong Kong air quality based on Monsoon and El Niño conditions. <i>Advances in Atmospheric Sciences</i> , 2013 , 30, 280-290	2.9	14
75	Revisiting the climatology of atmospheric blocking in the Northern Hemisphere. <i>Advances in Atmospheric Sciences</i> , 2013 , 30, 397-410	2.9	40
74	Impacts of a wind stress and a buoyancy flux on the seasonal variation of mixing layer depth in the South China Sea. <i>Acta Oceanologica Sinica</i> , 2013 , 32, 30-37	1	3
73	Effect of boundary layer latent heating on MJO simulations. <i>Advances in Atmospheric Sciences</i> , 2013 , 30, 101-115	2.9	8
72	Modulation of Western North Pacific Tropical Cyclone Activity by the ISO. Part I: Genesis and Intensity. <i>Journal of Climate</i> , 2013 , 26, 2904-2918	4.4	114
71	Modulation of Western North Pacific Tropical Cyclone Activity by the ISO. Part II: Tracks and Landfalls. <i>Journal of Climate</i> , 2013 , 26, 2919-2930	4.4	91
70	Solar cycle modulation of the ENSO impact on the winter climate of East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 5111-5119	4.4	33
69	Observational climatology and characteristics of wintertime atmospheric blocking over Ural-Siberia. <i>Climate Dynamics</i> , 2013 , 41, 63-79	4.2	59
68	Comparison of the Annual Cycles of Moisture Supply over Southwest and Southeast China. <i>Journal of Climate</i> , 2013 , 26, 10139-10158	4.4	32
67	Remote influence of North Atlantic SST on the equatorial westerly wind anomalies in the western Pacific for initiating an El Niño event: an Atmospheric General Circulation Model Study. <i>Atmospheric Science Letters</i> , 2013 , 14, 107-111	2.4	14

66	An air pollution episode and its formation mechanism during the tropical cyclone Nuri's landfall in a coastal city of south China. <i>Atmospheric Environment</i> , 2012 , 54, 746-753	5.3	20
65	CGCM projections of heavy rainfall events in China. <i>International Journal of Climatology</i> , 2012 , 32, 441-450	5.5	81
64	On two different objective procedures for classifying synoptic weather types over east Australia. <i>International Journal of Climatology</i> , 2012 , 32, 1475-1494	3.5	16
63	The implications of El Niño-Southern Oscillation signal for South China monsoon climate. <i>Aquatic Ecosystem Health and Management</i> , 2012 , 15, 14-19	1.4	15
62	Changes in Western Pacific Tropical Cyclones Associated with the El Niño-Southern Oscillation Cycle. <i>Journal of Climate</i> , 2012 , 25, 5864-5878	4.4	84
61	Quasi-4-Yr Coupling between El Niño-Southern Oscillation and Water Vapor Transport over East Asia-WNP. <i>Journal of Climate</i> , 2012 , 25, 5879-5891	4.4	45
60	Variability of tropical cyclone occurrence date in the South China Sea and its relationship with SST warming. <i>Dynamics of Atmospheres and Oceans</i> , 2012 , 55-56, 45-59	1.9	14
59	Effects of the Pacific-Japan teleconnection pattern on tropical cyclone activity and extreme precipitation events over the Korean peninsula. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		35
58	A dipole wind curl pattern induced by Taiwan Island and its effect on upper stratification in the northeastern South China Sea. <i>Chinese Journal of Oceanology and Limnology</i> , 2012 , 30, 944-952		2
57	Atmospheric Water Vapor Transport Associated with Two Decadal Rainfall Shifts over East China. <i>Journal of the Meteorological Society of Japan</i> , 2012 , 90, 587-602	2.8	34
56	Interdecadal modulation of the influence of La Niña events on mei-yu rainfall over the Yangtze River valley. <i>Advances in Atmospheric Sciences</i> , 2012 , 29, 157-168	2.9	39
55	Effects of the East Asian summer monsoon on tropical cyclone genesis over the South China Sea on an interdecadal time scale. <i>Advances in Atmospheric Sciences</i> , 2012 , 29, 249-262	2.9	37
54	Analysis of the role played by circulation in the persistent precipitation over South China in June 2010. <i>Advances in Atmospheric Sciences</i> , 2012 , 29, 769-781	2.9	31
53	An evaluation of air quality modeling over the Pearl River Delta during November 2006. <i>Meteorology and Atmospheric Physics</i> , 2012 , 116, 113-132	2	27
52	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
51	Relationship between Ural-Siberian Blocking and the East Asian Winter Monsoon in Relation to the Arctic Oscillation and the El Niño-Southern Oscillation. <i>Journal of Climate</i> , 2012 , 25, 4242-4257	4.4	143
50	El Niño Modoki and the Summer Precipitation Variability over South Korea: A Diagnostic Study. <i>Journal of the Meteorological Society of Japan</i> , 2012 , 90, 673-684	2.8	18
49	Long-term Change in Summer Water Vapor Transport over South China in Recent Decades. <i>Journal of the Meteorological Society of Japan</i> , 2011 , 89A, 271-282	2.8	41

48	Teleconnected influence of North Atlantic sea surface temperature on the El Niño onset. <i>Climate Dynamics</i> , 2011 , 37, 663-676	4.2	76
47	Recent changes in the summer precipitation pattern in East China and the background circulation. <i>Climate Dynamics</i> , 2011 , 36, 1463-1473	4.2	286
46	Changes in seasonal cycle and extremes in China during the period 1960-2008. <i>Advances in Atmospheric Sciences</i> , 2011 , 28, 269-283	2.9	51
45	Changes in the East Asian cold season since 2000. <i>Advances in Atmospheric Sciences</i> , 2011 , 28, 69-79	2.9	36
44	Impact of the South China Sea throughflow on the Pacific low-latitude western boundary current: A numerical study for seasonal and interannual time scales. <i>Advances in Atmospheric Sciences</i> , 2011 , 28, 1367-1376	2.9	11
43	Different impacts of El Niño and El Niño Modoki on China rainfall in the decaying phases. <i>International Journal of Climatology</i> , 2011 , 31, 2091-2101	3.5	201
42	Climatology of Anticyclonic and Cyclonic Rossby Wave Breaking on the Dynamical Tropopause in the Southern Hemisphere. <i>Journal of Climate</i> , 2011 , 24, 1239-1251	4.4	8
41	Zonal Asymmetry of the Annular Mode and Its Downstream Subtropical Jet: An Idealized Model Study. <i>Journals of the Atmospheric Sciences</i> , 2011 , 68, 1946-1973	2.1	3
40	Interannual heat content variability in the South China Sea and its response to ENSO. <i>Dynamics of Atmospheres and Oceans</i> , 2010 , 50, 400-414	1.9	19
39	Covariation of the Indonesian throughflow and South China Sea throughflow associated with the 1976/77 regime shift. <i>Advances in Atmospheric Sciences</i> , 2010 , 27, 87-94	2.9	17
38	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
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