

List of Publications by Citations

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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	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
190	PDO, ENSO and the early summer monsoon rainfall over south China. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	218
189	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
188	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
187	ENSO and the South China Sea summer monsoon onset. <i>International Journal of Climatology</i> , 2007 , 27, 157-167	3.5	171
186	Interannual Variations of East Asian Trough Axis at 500 hPa and its Association with the East Asian Winter Monsoon Pathway. <i>Journal of Climate</i> , 2009 , 22, 600-614	4.4	157
185	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
184	Three Eurasian teleconnection patterns: spatial structures, temporal variability, and associated winter climate anomalies. <i>Climate Dynamics</i> , 2014 , 42, 2817-2839	4.2	140
183	Interdecadal variability of the relationship between the East Asian winter monsoon and ENSO. <i>Meteorology and Atmospheric Physics</i> , 2007 , 98, 283-293	2	124
182	Intraseasonal oscillations and the South China Sea summer monsoon onset. <i>International Journal of Climatology</i> , 2005 , 25, 1585-1609	3.5	119
181	Influences of the Indian Ocean dipole on the Asian summer monsoon in the following year. <i>International Journal of Climatology</i> , 2008 , 28, 1849-1859	3.5	118
180	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
179	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
178	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
177	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
176	Synoptic-scale characteristics and atmospheric controls of summer heat waves in China. <i>Climate Dynamics</i> , 2016 , 46, 2923-2941	4.2	88
175	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

174	CGCM projections of heavy rainfall events in China. <i>International Journal of Climatology</i> , 2012 , 32, 441-450	5	81
173	Sensitivity of MJO simulations to diabatic heating profiles. <i>Climate Dynamics</i> , 2009 , 32, 167-187	4.2	77
172	Teleconnected influence of North Atlantic sea surface temperature on the El Niño onset. <i>Climate Dynamics</i> , 2011 , 37, 663-676	4.2	76
171	The interdecadal variations of the summer monsoon rainfall over South China. <i>Meteorology and Atmospheric Physics</i> , 2006 , 93, 165-175	2	69
170	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
169	Interdecadal unstationary relationship between NAO and east China's summer precipitation patterns. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	64
168	Observational climatology and characteristics of wintertime atmospheric blocking over UralSiberia. <i>Climate Dynamics</i> , 2013 , 41, 63-79	4.2	59
167	Possible connection between Pacific Oceanic interdecadal pathway and east Asian winter monsoon. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	58
166	Asymmetric Modulation of Western North Pacific Cyclogenesis by the MaddenJulian Oscillation under ENSO Conditions. <i>Journal of Climate</i> , 2012 , 25, 5374-5385	4.4	57
165	Linkage between mei-yu precipitation and North Atlantic SST on the decadal timescale. <i>Advances in Atmospheric Sciences</i> , 2009 , 26, 101-108	2.9	56
164	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
163	Decadal variability of twentieth-century El Niño and La Niña occurrence from observations and IPCC AR4 coupled models. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	55
162	Summer High Temperature Extremes in Southeast China: Bonding with the El NiñoSouthern Oscillation and East Asian Summer Monsoon Coupled System. <i>Journal of Climate</i> , 2014 , 27, 4122-4138	4.4	53
161	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
160	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
159	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
158	Influences of the PacificJapan Teleconnection Pattern on Synoptic-Scale Variability in the Western North Pacific. <i>Journal of Climate</i> , 2014 , 27, 140-154	4.4	50
157	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

156	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
155	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
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	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
152	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
151	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
150	Effect of the climate shift around mid 1970s on the relationship between wintertime Ural blocking circulation and East Asian climate. <i>International Journal of Climatology</i> , 2009 , 30, n/a-n/a	3.5	41
149	Change in Destructiveness of Landfalling Tropical Cyclones over China in Recent Decades. <i>Journal of Climate</i> , 2017 , 30, 3367-3379	4.4	40
148	Revisiting the climatology of atmospheric blocking in the Northern Hemisphere. <i>Advances in Atmospheric Sciences</i> , 2013 , 30, 397-410	2.9	40
147	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
146	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
145	Changes in the East Asian cold season since 2000. <i>Advances in Atmospheric Sciences</i> , 2011 , 28, 69-79	2.9	36
144	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
143	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
142	Urban heat islands in Hong Kong: statistical modeling and trend detection. <i>Natural Hazards</i> , 2016 , 83, 885-907	3	35
141	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
140	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
139	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

138	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
137	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
136	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
135	Statistical modeling and CMIP5 simulations of hot spell changes in China. <i>Climate Dynamics</i> , 2015 , 44, 2859-2872	4.2	29
134	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
133	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
132	Change in early-summer meridional teleconnection over the western North Pacific and East Asia around the late 1970s. <i>International Journal of Climatology</i> , 2010 , 30, 2195-2204	3.5	27
131	Interdecadal variation of the relationship between Indian rainfall and SSTA modes in the Indian Ocean. <i>International Journal of Climatology</i> , 2006 , 26, 595-606	3.5	27
130	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
129	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
128	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
127	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
126	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
125	Decadal/interdecadal variations of the ocean temperature and its impacts on climate. <i>Advances in Atmospheric Sciences</i> , 2006 , 23, 964-981	2.9	24
124	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
123	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
122	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
121	Direct and indirect ENSO modulation of winter temperature over the Asian-Pacific-American region. <i>Scientific Reports</i> , 2016 , 6, 36356	4.9	22

120	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
119	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
118	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
117	Trends of sea level variations in the Indo-Pacific warm pool. <i>Global and Planetary Change</i> , 2008 , 63, 57-66	4.2	20
116	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
115	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
114	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
113	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
112	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
111	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
110	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
109	Projection of West African summer monsoon rainfall in dynamically downscaled CMIP5 models. <i>Climate Dynamics</i> , 2019 , 53, 81-95	4.2	17
108	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
107	Impact of Arctic amplification on East Asian winter climate. <i>Atmospheric and Oceanic Science Letters</i> , 2017 , 10, 385-388	1.4	16
106	Decadal and interannual variability of the Indian Ocean Dipole. <i>Advances in Atmospheric Sciences</i> , 2008 , 25, 856-866	2.9	16
105	Numerical Study of The Effect of Traffic Restriction on Air Quality in Beijing. <i>Scientific Online Letters on the Atmosphere</i> , 2010 , 6A, 17-20	2.1	16
104	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
103	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

102	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
101	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
100	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	3.4	14
99	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
98	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
97	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
96	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
95	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
94	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
93	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
92	Self-organized type-II In _{0.55} Al _{0.45} As/Al _{0.50} Ga _{0.50} As quantum dots realized on GaAs(311)A. <i>Applied Physics Letters</i> , 2000 , 76, 3741-3743	3.4	14
91	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
90	Influence of Tropical Cyclones on Hong Kong Air Quality. <i>Advances in Atmospheric Sciences</i> , 2018 , 35, 1177-1188	2.9	14
89	Response of Winter Moisture Circulation to the India-Burma Trough and Its Modulation by the South Asian Waveguide. <i>Journal of Climate</i> , 2017 , 30, 1197-1210	4.4	13
88	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
87	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
86	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
85	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

84	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
83	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
82	Warming in the northwestern Indian Ocean associated with the El Niño event. <i>Advances in Atmospheric Sciences</i> , 2008 , 25, 246-252	2.9	13
81	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
80	Interdecadal mode and its propagating characteristics of SSTA in the South Pacific. <i>Meteorology and Atmospheric Physics</i> , 2007 , 98, 115-124	2	12
79	Photoluminescence studies of type-II self-assembled In _{0.55} Al _{0.45} As/Al _{0.5} Ga _{0.5} As quantum dots grown on (311)A GaAs substrate. <i>Applied Physics Letters</i> , 2000 , 76, 3188-3190	3.4	12
78	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
77	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
76	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
75	Circumglobal teleconnection and eddy control of variation in summer precipitation over Northwest China. <i>Climate Dynamics</i> , 2018 , 51, 1351-1362	4.2	11
74	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
73	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
72	The linkage between the Pacific-North American teleconnection pattern and the North Atlantic Oscillation. <i>Advances in Atmospheric Sciences</i> , 2009 , 26, 229-239	2.9	11
71	Dynamics of eddy-driven North Atlantic Oscillations in a localized shifting jet: zonal structure and downstream blocking. <i>Climate Dynamics</i> , 2010 , 34, 73-100	4.2	11
70	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
69	Regional moisture budget associated with drought/flood events over China. <i>Progress in Earth and Planetary Science</i> , 2017 , 4,	3.9	10
68	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
67	Drier North American Monsoon in Contrast to Asian/African Monsoon under Global Warming. <i>Journal of Climate</i> , 2020 , 33, 9801-9816	4.4	10

66	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
65	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
64	Assessment and Performance Evaluation of a Wind Turbine Power Output. <i>Energies</i> , 2018 , 11, 1992	3.1	9
63	Delayed impacts of the IOD: cross-seasonal relationships between the IOD, Tibetan Plateau snow, and summer precipitation over the YangtzeBluaihe River region. <i>Climate Dynamics</i> , 2019 , 53, 4077-4093	4.2	8
62	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
61	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
60	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
59	Effect of boundary layer latent heating on MJO simulations. <i>Advances in Atmospheric Sciences</i> , 2013 , 30, 101-115	2.9	8
58	Signature of the Antarctic oscillation in the northern hemisphere. <i>Meteorology and Atmospheric Physics</i> , 2009 , 105, 55-67	2	8
57	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
56	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
55	Detection and attribution of upper-tropospheric warming over the tropical western Pacific. <i>Climate Dynamics</i> , 2019 , 53, 3057-3068	4.2	8
54	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
53	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
52	Understanding the Variability of West African Summer Monsoon Rainfall: Contrasting Tropospheric Features and Monsoon Index. <i>Atmosphere</i> , 2020 , 11, 309	2.7	7
51	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
50	Photoluminescence study on coarsening of self-assembled InAlAs quantum dots on GaAs (001). <i>Journal of Electronic Materials</i> , 1999 , 28, 528-531	1.9	7
49	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

48	Intraseasonal variation of visibility in Hong Kong. <i>Advances in Atmospheric Sciences</i> , 2017 , 34, 26-38	2.9	6
47	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
46	Identifying spatial extent of meteorological droughts: An examination over a humid region. <i>Journal of Hydrology</i> , 2020 , 591, 125505	6	6
45	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
44	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
43	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
42	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
41	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
40	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
39	A preliminary analysis of wind turbine energy yield. <i>Energy Procedia</i> , 2017 , 138, 423-428	2.3	5
38	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
37	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
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