

Wen Chen

List of Publications by Year in descending order

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313
papers

10,707
citations

41258

49
h-index

51492

86
g-index

324
all docs

324
docs citations

324
times ranked

5299
citing authors

#	ARTICLE	IF	CITATIONS
1	A <sc>CMIP5</sc> multimodel projection of future temperature, precipitation, and climatological drought in China. <i>International Journal of Climatology</i> , 2014, 34, 2059-2078.	1.5	341
2	The interannual variability of East Asian Winter Monsoon and its relation to the summer monsoon. <i>Advances in Atmospheric Sciences</i> , 2000, 17, 48-60.	1.9	310
3	Interdecadal modulation of PDO on the impact of ENSO on the east Asian winter monsoon. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	295
4	Roles of ENSO and PDO in the Link of the East Asian Winter Monsoon to the following Summer Monsoon. <i>Journal of Climate</i> , 2013, 26, 622-635.	1.2	277
5	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
6	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.	1.5	253
7	The Progresses of Recent Studies on the Variabilities of the East Asian Monsoon and Their Causes. <i>Advances in Atmospheric Sciences</i> , 2003, 20, 55-69.	1.9	207
8	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.	1.2	191
9	An Intensity Index for the East Asian Winter Monsoon. <i>Journal of Climate</i> , 2014, 27, 2361-2374.	1.2	191
10	How well do existing indices measure the strength of the East Asian winter monsoon?. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 855-870.	1.9	188
11	Three Eurasian teleconnection patterns: spatial structures, temporal variability, and associated winter climate anomalies. <i>Climate Dynamics</i> , 2014, 42, 2817-2839.	1.7	184
12	Interdecadal Variations of the East Asian Winter Monsoon and Their Association with Quasi-Stationary Planetary Wave Activity. <i>Journal of Climate</i> , 2009, 22, 4860-4872.	1.2	178
13	Different impacts of two types of Pacific Ocean warming on Southeast Asian rainfall during boreal winter. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	174
14	Recent advances in studies of the interaction between the East Asian winter and summer monsoons and ENSO cycle. <i>Advances in Atmospheric Sciences</i> , 2004, 21, 407-424.	1.9	173
15	Relationship between stationary planetary wave activity and the East Asian winter monsoon. <i>Journal of Geophysical Research</i> , 2005, 110, n/a-n/a.	3.3	172
16	How Does the East Asian Summer Monsoon Behave in the Decaying Phase of El Niño during Different PDO Phases?. <i>Journal of Climate</i> , 2014, 27, 2682-2698.	1.2	152
17	An analysis on the physical process of the influence of AO on ENSO. <i>Climate Dynamics</i> , 2014, 42, 973-989.	1.7	140
18	Downward Arctic Oscillation signal associated with moderate weak stratospheric polar vortex and the cold December 2009. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	139

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19	The combined effects of the ENSO and the Arctic Oscillation on the winter climate anomalies in East Asia. <i>Science Bulletin</i> , 2013, 58, 1355-1362.	1.7	127
20	Interdecadal Variations of the Silk Road Pattern. <i>Journal of Climate</i> , 2017, 30, 9915-9932.	1.2	126
21	The East Asian winter monsoon: re-amplification in the mid-2000s. <i>Science Bulletin</i> , 2014, 59, 430-436.	1.7	121
22	Assessment of future drought in Southwest China based on CMIP5 multimodel projections. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 1035-1050.	1.9	118
23	Intraseasonal Variation of the Strength of the East Asian Trough and Its Climatic Impacts in Boreal Winter. <i>Journal of Climate</i> , 2016, 29, 2557-2577.	1.2	112
24	The Climatology and Interannual Variability of the East Asian Winter Monsoon in CMIP5 Models. <i>Journal of Climate</i> , 2014, 27, 1659-1678.	1.2	96
25	Climate impacts of anthropogenic land use changes on the Tibetan Plateau. <i>Global and Planetary Change</i> , 2006, 54, 33-56.	1.6	94
26	Interannual variations of stationary planetary wave activity in the northern winter troposphere and stratosphere and their relations to NAM and SST. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	92
27	The Changing Relationship between Interannual Variations of the North Atlantic Oscillation and Northern Tropical Atlantic SST. <i>Journal of Climate</i> , 2015, 28, 485-504.	1.2	91
28	Recent Progress in Studies of the Variabilities and Mechanisms of the East Asian Monsoon in a Changing Climate. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 887-901.	1.9	89
29	Distinguishing Interannual Variations of the Northern and Southern Modes of the East Asian Winter Monsoon. <i>Journal of Climate</i> , 2014, 27, 835-851.	1.2	85
30	Recent trends in winter temperature extremes in eastern China and their relationship with the Arctic Oscillation and ENSO. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 1712-1724.	1.9	81
31	Changes in the variability of North Pacific Oscillation around 1975/1976 and its relationship with East Asian winter climate. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	79
32	Asymmetry of the winter extra-tropical teleconnections in the Northern Hemisphere associated with two types of ENSO. <i>Climate Dynamics</i> , 2017, 48, 2135-2151.	1.7	79
33	Equiratio cumulative distribution function matching as an improvement to the equidistant approach in bias correction of precipitation. <i>Atmospheric Science Letters</i> , 2014, 15, 1-6.	0.8	78
34	Observational climatology and characteristics of wintertime atmospheric blocking over Uralâ€“Siberia. <i>Climate Dynamics</i> , 2013, 41, 63-79.	1.7	74
35	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> , 2010, 30, 153-158.	1.5	73
36	Interannual variations of the rainy season withdrawal of the monsoon transitional zone in China. <i>Climate Dynamics</i> , 2019, 53, 2031-2046.	1.7	73

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37	Impacts of Autumn Arctic Sea Ice Concentration Changes on the East Asian Winter Monsoon Variability. <i>Journal of Climate</i> , 2014, 27, 5433-5450.	1.2	70
38	Impact of drought on agriculture in the Indo-Gangetic Plain, India. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 335-346.	1.9	69
39	Regional changes in the annual mean Hadley circulation in recent decades. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 7815-7832.	1.2	68
40	Diverse Influences of ENSO on the East Asianâ€“Western Pacific Winter Climate Tied to Different ENSO Properties in CMIP5 Models. <i>Journal of Climate</i> , 2015, 28, 2187-2202.	1.2	63
41	Structure and dynamics of a springtime atmospheric wave train over the North Atlantic and Eurasia. <i>Climate Dynamics</i> , 2020, 54, 5111-5126.	1.7	63
42	The Britishâ€“Baikal Corridor: A Teleconnection Pattern along the Summertime Polar Front Jet over Eurasia. <i>Journal of Climate</i> , 2019, 32, 877-896.	1.2	62
43	Climatology and Trends of High Temperature Extremes across China in Summer. <i>Atmospheric and Oceanic Science Letters</i> , 2009, 2, 153-158.	0.5	60
44	Different Types of ENSO Influences on the Indian Summer Monsoon Variability. <i>Journal of Climate</i> , 2012, 25, 903-920.	1.2	60
45	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.	1.7	59
46	Changes of the transitional climate zone in East Asia: past and future. <i>Climate Dynamics</i> , 2017, 49, 1463-1477.	1.7	58
47	Structural Changes in the Pacificâ€“Japan Pattern in the Late 1990s. <i>Journal of Climate</i> , 2019, 32, 607-621.	1.2	58
48	Variabilities of the spring river runoff system in East China and their relations to precipitation and sea surface temperature. <i>International Journal of Climatology</i> , 2009, 29, 1381-1394.	1.5	56
49	Direct climate effect of black carbon in China and its impact on dust storms. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	55
50	Modulation of northern hemisphere wintertime stationary planetary wave activity: East Asian climate relationships by the Quasiâ€“Biennial Oscillation. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	54
51	An interdecadal change in the influence of the spring Arctic Oscillation on the subsequent ENSO around the early 1970s. <i>Climate Dynamics</i> , 2015, 44, 1109-1126.	1.7	53
52	An abrupt increase in the summer high temperature extreme days across China in the mid-1990s. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 1023-1029.	1.9	52
53	Dynamics of 2013 Sudden Stratospheric Warming event and its impact on cold weather over Eurasia: Role of planetary wave reflection. <i>Scientific Reports</i> , 2016, 6, 24174.	1.6	51
54	Association of tropical Pacific sea surface temperatures with the stratospheric Holtonâ€“Tan Oscillation in the Northern Hemisphere winter. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	50

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55	Changes in Arable Land Demand for Food in India and China: A Potential Threat to Food Security. Sustainability, 2015, 7, 5371-5397.	1.6	50
56	Biases of the wintertime Arctic Oscillation in CMIP5 models. Environmental Research Letters, 2017, 12, 014001.	2.2	50
57	Modulation of the seasonal footprinting mechanism by the boreal spring Arctic Oscillation. Geophysical Research Letters, 2013, 40, 6384-6389.	1.5	49
58	Interdecadal variation of tropical cyclone genesis and its relationship to the monsoon trough over the western North Pacific. International Journal of Climatology, 2017, 37, 3587-3596.	1.5	49
59	An abrupt rainfall decrease over the Asian inland plateau region around 1999 and the possible underlying mechanism. Advances in Atmospheric Sciences, 2017, 34, 456-468.	1.9	48
60	Genesis of westerly wind bursts over the equatorial western Pacific during the onset of the strong 2015-2016 El Niño. Atmospheric Science Letters, 2016, 17, 384-391.	0.8	46
61	The record-breaking heat wave of June 2019 in Central Europe. Atmospheric Science Letters, 2020, 21, e964.	0.8	45
62	Changes in the East Asian cold season since 2000. Advances in Atmospheric Sciences, 2011, 28, 69-79.	1.9	43
63	Modulation of the Arctic Oscillation and the East Asian winter climate relationships by the 11-year solar cycle. Advances in Atmospheric Sciences, 2012, 29, 217-226.	1.9	43
64	Contrasting Madden-Julian Oscillation activity during various stages of <sc>EP</sc> and <sc>CP</sc> El Niño. Atmospheric Science Letters, 2015, 16, 32-37.	0.8	43
65	Wet-to-dry shift over Southwest China in 1994 tied to the warming of tropical warm pool. Climate Dynamics, 2018, 51, 3111-3123.	1.7	43
66	Solar cycle modulation of the ENSO impact on the winter climate of East Asia. Journal of Geophysical Research D: Atmospheres, 2013, 118, 5111-5119.	1.2	42
67	PDO modulation of the ENSO impact on the summer South Asian high. Climate Dynamics, 2018, 50, 1393-1411.	1.7	41
68	Modulation of spring northern tropical Atlantic sea surface temperature on the El Niño-Southern Oscillation-East Asian summer monsoon connection. International Journal of Climatology, 2018, 38, 5020-5029.	1.5	41
69	Combined impact of tropical central-eastern Pacific and North Atlantic sea surface temperature on precipitation variation in monsoon transitional zone over China during August-September. International Journal of Climatology, 2020, 40, 1316-1327.	1.5	41
70	Analysis of the role played by circulation in the persistent precipitation over South China in June 2010. Advances in Atmospheric Sciences, 2012, 29, 769-781.	1.9	40
71	Relative contribution of ENSO and East Asian winter monsoon to the South China Sea SST anomalies during ENSO decaying years. Journal of Geophysical Research D: Atmospheres, 2014, 119, 5046-5064.	1.2	40
72	Modulation of the connection between boreal winter ENSO and the South Asian high in the following summer by the stratospheric quasi-biennial oscillation. Journal of Geophysical Research D: Atmospheres, 2015, 120, 7393-7411.	1.2	39

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73	Extremely Early Summer Monsoon Onset in the South China Sea in 2019 Following an El Niño Event. <i>Monthly Weather Review</i> , 2020, 148, 1877-1890.	0.5	38
74	Effects of Monsoon Trough Intraseasonal Oscillation on Tropical Cyclogenesis over the Western North Pacific*. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 4639-4660.	0.6	37
75	Time-varying structure of the wintertime Eurasian pattern: role of the North Atlantic sea surface temperature and atmospheric mean flow. <i>Climate Dynamics</i> , 2019, 52, 2467-2479.	1.7	37
76	Dominant Characteristics of Early Autumn Arctic Sea Ice Variability and Its Impact on Winter Eurasian Climate. <i>Journal of Climate</i> , 2021, 34, 1825-1846.	1.2	35
77	Stratospheric wave activity and the Pacific Decadal Oscillation. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2010, 72, 1163-1170.	0.6	34
78	Roles of the tropical convective activities over different regions in the earlier onset of the South China Sea summer monsoon after 1993. <i>Theoretical and Applied Climatology</i> , 2013, 113, 175-185.	1.3	34
79	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.	1.0	34
80	Combined Impacts of PDO and Two Types of La Niña on Climate Anomalies in Europe. <i>Journal of Climate</i> , 2017, 30, 3253-3278.	1.2	34
81	On the weakening relationship between the South China Sea summer monsoon onset and cross-equatorial flow after the late 1990s. <i>International Journal of Climatology</i> , 2018, 38, 3202-3208.	1.5	34
82	Drought in Southwest China: A Review. , 0, .		34
83	Observed interannual oscillations of planetary wave forcing in the Northern Hemisphere winter. <i>Geophysical Research Letters</i> , 2002, 29, 30-1-34-4.	1.5	33
84	Observed triggering of tropical convection by a cold surge: implications for MJO initiation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2012, 138, 1740-1750.	1.0	33
85	Influence of the November Arctic Oscillation on the subsequent tropical Pacific sea surface temperature. <i>International Journal of Climatology</i> , 2015, 35, 4307-4317.	1.5	33
86	The propagation and transport effect of planetary waves in the Northern Hemisphere winter. <i>Advances in Atmospheric Sciences</i> , 2002, 19, 1113-1126.	1.9	32
87	Multidecadal Fluctuation of the Wintertime Arctic Oscillation Pattern and Its Implication. <i>Journal of Climate</i> , 2018, 31, 5595-5608.	1.2	32
88	Diversity of the Pacificâ€‘Japan Pattern among CMIP5 Models: Role of SST Anomalies and Atmospheric Mean Flow. <i>Journal of Climate</i> , 2018, 31, 6857-6877.	1.2	32
89	Potential Impact of Preceding Aleutian Low Variation on El Niñoâ€‘Southern Oscillation during the Following Winter. <i>Journal of Climate</i> , 2020, 33, 3061-3077.	1.2	32
90	Hydrological Impacts of Deforestation on the Southeast Tibetan Plateau. <i>Earth Interactions</i> , 2007, 11, 1-18.	0.7	31

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91	Interannual Variability of Regional Hadley Circulation Intensity Over Western Pacific During Boreal Winter and Its Climatic Impact Over Asia–Australia Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 344-366.	1.2	31
92	Northward extension of the East Asian summer monsoon during the mid-Holocene. <i>Global and Planetary Change</i> , 2020, 184, 103046.	1.6	31
93	Distinct impacts of two types of La Niña events on Australian summer rainfall. <i>International Journal of Climatology</i> , 2017, 37, 2532-2544.	1.5	30
94	East Asian Winter Monsoon Impacts the ENSO-related Teleconnections and North American Seasonal Air Temperature Prediction. <i>Scientific Reports</i> , 2018, 8, 6547.	1.6	30
95	Strengthened Connection between Springtime North Atlantic Oscillation and North Atlantic Tripole SST Pattern since the Late 1980s. <i>Journal of Climate</i> , 2020, 33, 2007-2022.	1.2	30
96	Effects of monsoon trough interannual variation on tropical cyclogenesis over the western North Pacific. <i>Geophysical Research Letters</i> , 2014, 41, 4332-4339.	1.5	29
97	A strengthened impact of November Arctic oscillation on subsequent tropical Pacific sea surface temperature variation since the late-1970s. <i>Climate Dynamics</i> , 2018, 51, 511-529.	1.7	29
98	Review of Chinese atmospheric science research over the past 70 years: Climate and climate change. <i>Science China Earth Sciences</i> , 2019, 62, 1514-1550.	2.3	29
99	Planetary wave reflection and its impact on tropospheric cold weather over Asia during January 2008. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 851-862.	1.9	28
100	An Interdecadal Change in the Relationship between Boreal Spring Arctic Oscillation and the East Asian Summer Monsoon around the Early 1970s. <i>Journal of Climate</i> , 2015, 28, 1527-1542.	1.2	28
101	Interannual and intraseasonal variability of stratospheric dynamics and stratosphere–troposphere coupling during northern winter. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2015, 136, 187-200.	0.6	28
102	Influence of winter Arctic sea ice concentration change on the El Niño–Southern Oscillation in the following winter. <i>Climate Dynamics</i> , 2020, 54, 741-757.	1.7	28
103	Influence of Tropical Western Pacific Warm Pool Thermal State on the Interdecadal Change of the Onset of the South China Sea Summer Monsoon in the Late-1990s. <i>Atmospheric and Oceanic Science Letters</i> , 2015, 8, 95-99.	0.5	28
104	The influence of boreal spring Arctic Oscillation on the subsequent winter ENSO in CMIP5 models. <i>Climate Dynamics</i> , 2017, 48, 2949-2965.	1.7	27
105	Large-Scale Pattern of the Diurnal Temperature Range Changes over East Asia and Australia in Boreal Winter: A Perspective of Atmospheric Circulation. <i>Journal of Climate</i> , 2018, 31, 2715-2728.	1.2	27
106	Relationship between the South China Sea summer monsoon onset and tropical cyclone genesis over the western North Pacific. <i>International Journal of Climatology</i> , 2017, 37, 5206-5210.	1.5	26
107	Combined Influence of the Arctic Oscillation and the Scandinavia Pattern on Spring Surface Air Temperature Variations Over Eurasia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 9410-9429.	1.2	26
108	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.	1.2	26

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109	Attribution of the East Asian Winter Temperature Trends During 1979â€“2018: Role of External Forcing and Internal Variability. <i>Geophysical Research Letters</i> , 2019, 46, 10874-10881.	1.5	26
110	Distinct Impacts of ENSO on Haze Pollution in the Beijingâ€“Tianjinâ€“Hebei Region between Early and Late Winters. <i>Journal of Climate</i> , 2022, 35, 687-704.	1.2	26
111	Statistical analysis and a case study of tropical cyclones that trigger the onset of the South China Sea summer monsoon. <i>Scientific Reports</i> , 2017, 7, 12732.	1.6	25
112	Enhanced Linkage between Eurasian Winter and Spring Dominant Modes of Atmospheric Interannual Variability since the Early 1990s. <i>Journal of Climate</i> , 2018, 31, 3575-3595.	1.2	25
113	The role of synoptic-scale waves in the onset of the South China Sea summer monsoon. <i>Atmospheric Science Letters</i> , 2018, 19, e858.	0.8	25
114	The dominant North Pacific atmospheric circulation patterns and their relations to Pacific SSTs: historical simulations and future projections in the IPCC AR6 models. <i>Climate Dynamics</i> , 2021, 56, 701-725.	1.7	25
115	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.	1.2	24
116	Interannual variability of surface air temperature over mid-high latitudes of Eurasia during boreal autumn. <i>Climate Dynamics</i> , 2019, 53, 1805-1821.	1.7	24
117	Relationship between the South China Sea summer monsoon withdrawal and Septemberâ€“October rainfall over southern China. <i>Climate Dynamics</i> , 2020, 54, 713-726.	1.7	24
118	Dynamical diagnosis of the breakup of the stratospheric polar vortex in the Northern Hemisphere. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 1369-1379.	0.9	23
119	Interannual variability of the winter stratospheric polar vortex in the Northern Hemisphere and their relations to QBO and ENSO. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 855-863.	1.9	23
120	Modulation of western North Pacific tropical cyclone genesis by intraseasonal oscillation of the ITCZ: A statistical analysis. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 744-754.	1.9	23
121	Relationship between soil temperature in may over Northwest China and the East Asian summer monsoon precipitation. <i>Journal of Meteorological Research</i> , 2013, 27, 716-724.	1.0	23
122	Climatological characteristics of the synoptic changes accompanying South China Sea summer monsoon withdrawal. <i>International Journal of Climatology</i> , 2019, 39, 596-612.	1.5	23
123	Potential impact of atmospheric heating over East Europe on the zonal shift in the South Asian high: the role of the Silk Road teleconnection. <i>Scientific Reports</i> , 2020, 10, 6543.	1.6	23
124	Impact of Extreme Hot Climate on COVID-19 Outbreak in India. <i>GeoHealth</i> , 2020, 4, e2020GH000305.	1.9	23
125	Contrasting Influence of Gobi and Taklimakan Deserts on the Dust Aerosols in Western North America. <i>Geophysical Research Letters</i> , 2019, 46, 9064-9071.	1.5	22
126	Enhanced impact of Arctic sea ice change during boreal autumn on the following spring Arctic oscillation since the mid-1990s. <i>Climate Dynamics</i> , 2019, 53, 5607-5621.	1.7	22

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127	Interdecadal increase of tropical cyclone genesis frequency over the western north Pacific in May. <i>International Journal of Climatology</i> , 2017, 37, 1127-1130.	1.5	21
128	A Review of Atmosphere–Ocean Forcings Outside the Tropical Pacific on the El Niño–Southern Oscillation Occurrence. <i>Atmosphere</i> , 2018, 9, 439.	1.0	21
129	Interdecadal change in the South China Sea summer monsoon withdrawal around the mid-2000s. <i>Climate Dynamics</i> , 2019, 52, 6053-6064.	1.7	21
130	Temporal Variations of the Frontal and Monsoon Storm Rainfall during the First Rainy Season in South China. <i>Atmospheric and Oceanic Science Letters</i> , 2010, 3, 243-247.	0.5	20
131	Modulation effects of the East Asian winter monsoon on El Niño-related rainfall anomalies in southeastern China. <i>Scientific Reports</i> , 2018, 8, 14107.	1.6	20
132	Multidecadal Changes in the Influence of the Arctic Oscillation on the East Asian Surface Air Temperature in Boreal Winter. <i>Atmosphere</i> , 2019, 10, 757.	1.0	20
133	Land-air interaction over arid/semi-arid areas in China and its impact on the east Asian summer monsoon. Part I: Calibration of the land surface model (BATS) using multicriteria methods. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 1088-1098.	1.9	19
134	The implications of El Niño–Southern Oscillation signal for South China monsoon climate. <i>Aquatic Ecosystem Health and Management</i> , 2012, 15, 14-19.	0.3	19
135	Interference of the East Asian winter monsoon in the impact of ENSO on the East Asian summer monsoon in decaying phases. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 344-354.	1.9	19
136	CMIP5 multimodel projections of extreme weather events in the humid subtropical Gangetic Plain region of India. <i>Earth's Future</i> , 2017, 5, 224-239.	2.4	19
137	The climatology and interannual variability of the South Asia high and its relationship with ENSO in CMIP5 models. <i>Climate Dynamics</i> , 2017, 48, 3507-3528.	1.7	19
138	Comparison of Moisture Transport between Siberia and Northeast Asia on Annual and Interannual Time Scales. <i>Journal of Climate</i> , 2018, 31, 7645-7660.	1.2	19
139	Impact of the March Arctic Oscillation on the South China Sea summer monsoon onset. <i>International Journal of Climatology</i> , 2021, 41, E3239.	1.5	19
140	Influence of the IOD on the relationship between El Niño Modoki and the East Asian–western North Pacific summer monsoon. <i>International Journal of Climatology</i> , 2014, 34, 1729-1736.	1.5	18
141	Projections of climate changes over mid-high latitudes of Eurasia during boreal spring: uncertainty due to internal variability. <i>Climate Dynamics</i> , 2019, 53, 6309-6327.	1.7	18
142	Intermodel Spread in the Impact of the Springtime Pacific Meridional Mode on Following Winter ENSO Tied to Simulation of the ITCZ in CMIP5/CMIP6. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093945.	1.5	18
143	Distinct winter patterns of tropical Pacific convection anomaly and the associated extratropical wave trains in the Northern Hemisphere. <i>Climate Dynamics</i> , 2018, 51, 2003-2022.	1.7	17
144	Role of tropical intraseasonal oscillations in the South China Sea summer monsoon withdrawal in 2010. <i>Atmospheric Science Letters</i> , 2018, 19, e859.	0.8	17

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145	On the contribution of internal variability and external forcing factors to the Cooling trend over the Humid Subtropical Indo-Gangetic Plain in India. <i>Scientific Reports</i> , 2018, 8, 18047.	1.6	17
146	Modulation of the Impacts of the Indian Ocean Basin Mode on Tropical Cyclones over the Northwest Pacific during the Boreal Summer by La Niña Modoki. <i>Journal of Climate</i> , 2019, 32, 3313-3326.	1.2	17
147	Recent Strengthening of the Regional Hadley Circulation over the Western Pacific during Boreal Spring. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 1251-1264.	1.9	17
148	Interannual variations of precipitation over the monsoon transitional zone in China during August–September: Role of sea surface temperature anomalies over the tropical Pacific and North Atlantic. <i>Atmospheric Science Letters</i> , 2019, 20, e872.	0.8	17
149	Disentangling dynamical and thermodynamical contributions to the record-breaking heatwave over Central Europe in June 2019. <i>Atmospheric Research</i> , 2021, 252, 105446.	1.8	17
150	Multi-scale climate variations and mechanisms of the onset and withdrawal of the South China Sea summer monsoon. <i>Science China Earth Sciences</i> , 2022, 65, 1030-1046.	2.3	17
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