

Xin Zhou

List of Publications by Year in descending order

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192
papers

7,447
citations

53660

45
h-index

66788

78
g-index

196
all docs

196
docs citations

196
times ranked

4701
citing authors

#	ARTICLE	IF	CITATIONS
1	A unified monsoon index. <i>Geophysical Research Letters</i> , 2002, 29, 115-1-115-4.	1.5	415
2	An empirical seasonal prediction model of the east Asian summer monsoon using ENSO and NAO. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	403
3	NAO implicated as a predictor of Northern Hemisphere mean temperature multidecadal variability. <i>Geophysical Research Letters</i> , 2013, 40, 5497-5502.	1.5	240
4	Another Look at Interannual-to-Interdecadal Variations of the East Asian Winter Monsoon: The Northern and Southern Temperature Modes. <i>Journal of Climate</i> , 2010, 23, 1495-1512.	1.2	236
5	Influence of El Niño Modoki on spring rainfall over south China. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	221
6	The relationship between the summer precipitation in the Yangtze River valley and the boreal spring Southern Hemisphere annular mode. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	210
7	Western tropical Pacific multidecadal variability forced by the Atlantic multidecadal oscillation. <i>Nature Communications</i> , 2017, 8, 15998.	5.8	202
8	A modified zonal index and its physical sense. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	176
9	Increases in aerosol concentrations over eastern China due to the decadal-scale weakening of the East Asian summer monsoon. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	172
10	Monsoons Climate Change Assessment. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E1-E19.	1.7	133
11	The Victoria mode in the North Pacific linking extratropical sea level pressure variations to ENSO. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 27-45.	1.2	131
12	Pathways of Influence of the Northern Hemisphere Mid-high Latitudes on East Asian Climate: A Review. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 902-921.	1.9	128
13	Possible effects of the North Atlantic Oscillation on the strengthening relationship between the East Asian Summer monsoon and ENSO. <i>International Journal of Climatology</i> , 2012, 32, 794-800.	1.5	125
14	Interdecadal shift in the relationship between the East Asian summer monsoon and the tropical Indian Ocean. <i>Climate Dynamics</i> , 2010, 34, 1059-1071.	1.7	124
15	Contrasting Impacts of Two-Type El Niño over the Western North Pacific during Boreal Autumn. <i>Journal of the Meteorological Society of Japan</i> , 2011, 89, 563-569.	0.7	124
16	Contrasting Impacts of Two Types of ENSO on the Boreal Spring Hadley Circulation. <i>Journal of Climate</i> , 2013, 26, 4773-4789.	1.2	113
17	Decadal change of the spring dust storm in northwest China and the associated atmospheric circulation. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	108
18	The 30-60 day intraseasonal oscillation over the western North Pacific Ocean and its impacts on summer flooding in China during 1998. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	103

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19	The Asymmetric Influence of the Two Types of El Niño and La Niña on Summer Rainfall over Southeast China. <i>Journal of Climate</i> , 2013, 26, 4567-4582.	1.2	103
20	A New Blocking Index and Its Application: Blocking Action in the Northern Hemisphere. <i>Journal of Climate</i> , 2006, 19, 4819-4839.	1.2	102
21	Can the Southern Hemisphere annular mode affect China winter monsoon?. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	98
22	Possible association of the western Tibetan Plateau snow cover with the decadal to interdecadal variations of northern China heatwave frequency. <i>Climate Dynamics</i> , 2012, 39, 2393-2402.	1.7	98
23	Remote influence of Atlantic multidecadal variability on Siberian warm season precipitation. <i>Scientific Reports</i> , 2015, 5, 16853.	1.6	93
24	The impact of South Pacific extratropical forcing on ENSO and comparisons with the North Pacific. <i>Climate Dynamics</i> , 2015, 44, 2017-2034.	1.7	93
25	Predictable climate dynamics of abnormal East Asian winter monsoon: once-in-a-century snowstorms in 2007/2008 winter. <i>Climate Dynamics</i> , 2011, 37, 1661-1669.	1.7	92
26	Impacts of Asian summer monsoon on seasonal and interannual variations of aerosols over eastern China. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	88
27	Interhemispheric Propagation of Stationary Rossby Waves in a Horizontally Nonuniform Background Flow. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 3233-3256.	0.6	88
28	Spatial and temporal characteristics of the decadal abrupt changes of global atmosphere-ocean system in the 1970s. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	84
29	Wind onset and withdrawal of Asian summer monsoon and their simulated performance in AMIP models. <i>Climate Dynamics</i> , 2009, 32, 935-968.	1.7	81
30	Does a dipole mode really exist in the South Atlantic Ocean?. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	81
31	A connection from Arctic stratospheric ozone to El Niño-Southern oscillation. <i>Environmental Research Letters</i> , 2016, 11, 124026.	2.2	80
32	Regime Change of the Boreal Summer Hadley Circulation and Its Connection with the Tropical SST. <i>Journal of Climate</i> , 2011, 24, 3867-3877.	1.2	63
33	Occurrence of droughts and floods during the normal summer monsoons in the mid- and lower reaches of the Yangtze River. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	62
34	Sea surface temperature cooling mode in the Pacific cold tongue. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	59
35	The relative impacts of El Niño Modoki, canonical El Niño, and QBO on tropical ozone changes since the 1980s. <i>Environmental Research Letters</i> , 2014, 9, 064020.	2.2	59
36	Recent Acceleration of Arabian Sea Warming Induced by the Atlantic-Western Pacific Transbasin Multidecadal Variability. <i>Geophysical Research Letters</i> , 2019, 46, 1662-1671.	1.5	59

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37	Dynamics of an Interhemispheric Teleconnection across the Critical Latitude through a Southerly Duct during Boreal Winter*. <i>Journal of Climate</i> , 2015, 28, 7437-7456.	1.2	58
38	The principal modes of variability of the boreal winter Hadley cell. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	57
39	Temporalâ€“spatial distribution of the predictability limit of monthly sea surface temperature in the global oceans. <i>International Journal of Climatology</i> , 2013, 33, 1936-1947.	1.5	57
40	NAO and its relationship with the Northern Hemisphere mean surface temperature in CMIP5 simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 4202-4227.	1.2	56
41	A Teleconnection between the Reduction of Rainfall in Southwest Western Australia and North China. <i>Journal of Climate</i> , 2012, 25, 8444-8461.	1.2	54
42	Interannual variability of autumn precipitation over South China and its relation to atmospheric circulation and SST anomalies. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 117-125.	1.9	50
43	Variations in North Pacific sea surface temperature caused by Arctic stratospheric ozone anomalies. <i>Environmental Research Letters</i> , 2017, 12, 114023.	2.2	49
44	Large-scale atmospheric singularities and summer long-cycle droughts-floods abrupt alternation in the middle and lower reaches of the Yangtze River. <i>Science Bulletin</i> , 2006, 51, 2027-2034.	1.7	48
45	Influence of the North Pacific Victoria mode on the Pacific ITCZ summer precipitation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 964-979.	1.2	47
46	Differences in Teleconnection over the North Pacific and Rainfall Shift over the USA Associated with Two Types of El NiÃ±o during Boreal Autumn. <i>Journal of the Meteorological Society of Japan</i> , 2012, 90, 535-552.	0.7	46
47	On the Bias in Simulated ENSO SSTA Meridional Widths of CMIP3 Models. <i>Journal of Climate</i> , 2013, 26, 3173-3186.	1.2	45
48	Cross-Seasonal Influence of the Decemberâ€“February Southern Hemisphere Annular Mode on Marchâ€“May Meridional Circulation and Precipitation. <i>Journal of Climate</i> , 2015, 28, 6859-6881.	1.2	45
49	Statistical downscaling and future scenario generation of temperatures for Pakistan Region. <i>Theoretical and Applied Climatology</i> , 2015, 120, 341-350.	1.3	45
50	Boreal spring Southern Hemisphere Annular Mode, Indian Ocean sea surface temperature, and East Asian summer monsoon. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	42
51	Variability of the Indian Ocean SST and its possible impact on summer western North Pacific anticyclone in the NCEP Climate Forecast System. <i>Climate Dynamics</i> , 2013, 41, 2199-2212.	1.7	42
52	Cold season Africaâ€“Asia multidecadal teleconnection pattern and its relation to the Atlantic multidecadal variability. <i>Climate Dynamics</i> , 2017, 48, 3903-3918.	1.7	41
53	Spatial and temporal features of ENSO meridional scales. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	40
54	Heat wave frequency variability over North America: Two distinct leading modes. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	40

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55	A possible cause of decreasing summer rainfall in northeast Australia. <i>International Journal of Climatology</i> , 2012, 32, 995-1005.	1.5	39
56	Influence of the Summer NAO on the Spring-NAO-Based Predictability of the East Asian Summer Monsoon. <i>Journal of Applied Meteorology and Climatology</i> , 2016, 55, 1459-1476.	0.6	38
57	The impacts of two types of El Niño on global ozone variations in the last three decades. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 1113-1126.	1.9	37
58	Influence of the annual cycle of sea surface temperature on the monsoon onset. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	36
59	Contrasting Impacts of Developing Phases of Two Types of El Niño on Southern China Rainfall. <i>Journal of the Meteorological Society of Japan</i> , 2016, 94, 359-370.	0.7	36
60	Climate factors and the East Asian summer monsoon may drive large outbreaks of dengue in China. <i>Environmental Research</i> , 2020, 183, 109190.	3.7	36
61	Influence of the May Southern annular mode on the South China Sea summer monsoon. <i>Climate Dynamics</i> , 2018, 51, 4095-4107.	1.7	33
62	Four-dimensional structures and physical process of the decadal abrupt changes of the northern extratropical ocean-atmosphere system in the 1980s. <i>International Journal of Climatology</i> , 2012, 32, 983-994.	1.5	32
63	Significance of the normalized seasonality of wind field and its rationality for characterizing the monsoon. <i>Science in China Series D: Earth Sciences</i> , 2000, 43, 646-653.	0.9	31
64	Indo-Pacific Warm Pool Area Expansion, Modoki Activity and Tropical Cold-Point Tropopause Temperature Variations. <i>Scientific Reports</i> , 2014, 4, 4552.	1.6	31
65	Ocean dynamical processes associated with the tropical Pacific cold tongue mode. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 6419-6435.	1.0	31
66	Impacts of the Tropical Pacific Cold Tongue Mode on ENSO Diversity Under Global Warming. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8524-8542.	1.0	31
67	Interhemispheric influence of Indo-Pacific convection oscillation on Southern Hemisphere rainfall through southward propagation of Rossby waves. <i>Climate Dynamics</i> , 2019, 52, 3203-3221.	1.7	31
68	Prediction of the Asian-Australian monsoon interannual variations with the Grid-Point atmospheric model of IAP LASG (GAMIL). <i>Advances in Atmospheric Sciences</i> , 2008, 25, 387-394.	1.9	30
69	Computational uncertainty and the application of a high-performance multiple precision scheme to obtaining the correct reference solution of Lorenz equations. <i>Numerical Algorithms</i> , 2012, 59, 147-159.	1.1	30
70	Influences of El Niño Modoki event 1994/1995 on aerosol concentrations over southern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 1637-1651.	1.2	30
71	Impact of the South China Sea Summer Monsoon on the Indian Ocean Dipole. <i>Journal of Climate</i> , 2018, 31, 6557-6573.	1.2	30
72	Influence of the NAO on Wintertime Surface Air Temperature over East Asia: Multidecadal Variability and Decadal Prediction. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 625-642.	1.9	30

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73	ENSO forced and local variability of North Tropical Atlantic SST: model simulations and biases. <i>Climate Dynamics</i> , 2018, 51, 4511-4524.	1.7	29
74	A new statistical method for detecting trend turning. <i>Theoretical and Applied Climatology</i> , 2019, 138, 201-213.	1.3	28
75	Boreal summer convection oscillation over the Indo-Western Pacific and its relationship with the East Asian summer monsoon. <i>Atmospheric Science Letters</i> , 2013, 14, 66-71.	0.8	27
76	Computational uncertainty principle in nonlinear ordinary differential equations. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 55-74.	0.9	26
77	Drying in the low-latitude Atlantic Ocean contributed to terrestrial water storage depletion across Eurasia. <i>Nature Communications</i> , 2022, 13, 1849.	5.8	26
78	Circulation changes associated with the interdecadal shift of Korean August rainfall around late 1960s. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	25
79	Trends and interdecadal changes of weather predictability during 1950s-1990s. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	24
80	Increased summer rainfall in northwest Australia linked to southern Indian Ocean climate variability. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 467-480.	1.2	24
81	An advanced impact of Arctic stratospheric ozone changes on spring precipitation in China. <i>Climate Dynamics</i> , 2018, 51, 4029-4041.	1.7	24
82	Characteristics and sources of PM2.5 with focus on two severe pollution events in a coastal city of Qingdao, China. <i>Chemosphere</i> , 2020, 247, 125861.	4.2	23
83	Simulated contrasting influences of two La Niña Modoki events on aerosol concentrations over eastern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 2734-2749.	1.2	22
84	Summer Temperature over the Tibetan Plateau Modulated by Atlantic Multidecadal Variability. <i>Journal of Climate</i> , 2019, 32, 4055-4067.	1.2	22
85	Decadal and seasonal dependence of North Pacific sea surface temperature persistence. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	21
86	Decadal Indian Ocean dipolar variability and its relationship with the tropical Pacific. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 1282-1289.	1.9	20
87	Effect of the Indo-Pacific Warm Pool on Lower-Stratospheric Water Vapor and Comparison with the Effect of ENSO. <i>Journal of Climate</i> , 2018, 31, 929-943.	1.2	20
88	The climate impact on atmospheric stagnation and capability of stagnation indices in elucidating the haze events over North China Plain and Northeast China. <i>Chemosphere</i> , 2020, 258, 127335.	4.2	20
89	Simulated impacts of the South Atlantic Ocean Dipole on summer precipitation at the Guinea Coast. <i>Climate Dynamics</i> , 2013, 41, 677-694.	1.7	19
90	The effects of the Indo-Pacific warm pool on the stratosphere. <i>Climate Dynamics</i> , 2018, 51, 4043-4064.	1.7	18

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91	Does Extreme El Niño Have a Different Effect on the Stratosphere in Boreal Winter Than Its Moderate Counterpart?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 3071-3086.	1.2	17
92	Origin of Indian Ocean multidecadal climate variability: role of the North Atlantic Oscillation. <i>Climate Dynamics</i> , 2021, 56, 3277-3294.	1.7	17
93	Discrepancy of mass transport between the Northern and Southern Hemispheres among the ERA-40, NCEP/NCAR, NCEP-DOE AMIP-2, and JRA-25 reanalysis. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	16
94	Some advances in studies of the climatic impacts of the Southern Hemisphere annular mode. <i>Journal of Meteorological Research</i> , 2014, 28, 820-835.	0.9	16
95	Attractor radius and global attractor radius and their application to the quantification of predictability limits. <i>Climate Dynamics</i> , 2018, 51, 2359-2374.	1.7	15
96	Long-Term Trend of the Tropical Pacific Trade Winds Under Global Warming and Its Causes. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 2626-2640.	1.0	15
97	Relationship between the Hadley Circulation and Different Tropical Meridional SST Structures during Boreal Summer. <i>Journal of Climate</i> , 2018, 31, 6575-6590.	1.2	14
98	Indian Ocean tripole mode and its associated atmospheric and oceanic processes. <i>Climate Dynamics</i> , 2020, 55, 1367-1383.	1.7	14
99	Relationships between the limit of predictability and initial error in the uncoupled and coupled Lorenz models. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 1078-1088.	1.9	13
100	Relative Importance of the Austral Summer and Autumn SAM in Modulating Southern Hemisphere Extratropical Autumn SST*. <i>Journal of Climate</i> , 2015, 28, 8003-8020.	1.2	13
101	The responses of the Hadley circulation to different meridional SST structures in the seasonal cycle. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 7785-7799.	1.2	13
102	The application of nonlinear local Lyapunov vectors to the Zebiak-Cane model and their performance in ensemble prediction. <i>Climate Dynamics</i> , 2018, 51, 283-304.	1.7	13
103	The key role of background sea surface temperature over the cold tongue in asymmetric responses of the Arctic stratosphere to El Niño-Southern Oscillation. <i>Environmental Research Letters</i> , 2018, 13, 114007.	2.2	13
104	Relative Contributions of North and South Pacific Sea Surface Temperature Anomalies to ENSO. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 6222-6237.	1.2	13
105	Synergistic effect of SST anomalies in the North Pacific and North Atlantic on summer surface air temperature over the Mongolian Plateau. <i>Climate Dynamics</i> , 2021, 56, 1449-1465.	1.7	13
106	The importance of inter-basin atmospheric teleconnection in the SST footprint of Atlantic multidecadal oscillation over western Pacific. <i>Climate Dynamics</i> , 2021, 57, 239-252.	1.7	13
107	Summer persistence barrier of sea surface temperature anomalies in the central western north Pacific. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 1159-1173.	1.9	12
108	Local Oceanic Precursors for the Summer Monsoon Onset over the Bay of Bengal and the Underlying Processes. <i>Journal of Climate</i> , 2016, 29, 8455-8470.	1.2	12

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109	A Comparison of the Response of the Hadley Circulation to Different Tropical SST Meridional Structures During the Equinox Seasons. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 2591-2604.	1.2	12
110	South Atlantic Forced Multidecadal Teleconnection to the Midlatitude South Indian Ocean. <i>Geophysical Research Letters</i> , 2018, 45, 8480-8489.	1.5	12
111	Global analysis theory of climate system and its applications. <i>Science Bulletin</i> , 2003, 48, 1034-1039.	1.7	11
112	Possible causes for the persistence barrier of SSTA in the South China Sea and the vicinity of Indonesia. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 1125-1136.	1.9	11
113	Mechanism of stratospheric decadal abrupt cooling in the Early 1990s as influenced by the Pinatubo eruption. <i>Science Bulletin</i> , 2011, 56, 772-780.	1.7	11
114	The relationship between lower-stratospheric ozone at southern high latitudes and sea surface temperature in the East Asian marginal seas in austral spring. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 6705-6722.	1.9	11
115	Decadal-scale teleconnection between South Atlantic SST and southeast Australia surface air temperature in austral summer. <i>Climate Dynamics</i> , 2018, 50, 2687-2703.	1.7	11
116	East Asian climate under global warming: understanding and projection. <i>Climate Dynamics</i> , 2018, 51, 3969-3972.	1.7	11
117	Influence of atmospheric heat sources over the Tibetan Plateau and the tropical western North Pacific on the inter-decadal variations of the stratosphere-troposphere exchange of water vapor. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1179-1193.	0.9	10
118	Seasonal rotation features of wind vectors and application to evaluate monsoon simulations in AMIP models. <i>Climate Dynamics</i> , 2008, 31, 417-432.	1.7	10
119	Interannual Variations in Lower Stratospheric Ozone During the Period 1984–2016. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 8225-8241.	1.2	10
120	Inter-decadal change in potential predictability of the East Asian summer monsoon. <i>Theoretical and Applied Climatology</i> , 2019, 136, 403-415.	1.3	10
121	Increase in Lower Stratospheric Water Vapor in the Past 100 Years Related to Tropical Atlantic Warming. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090539.	1.5	10
122	A comparison of latent heat fluxes over global oceans for ERA and NCEP with GSSTF2. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	9
123	Winter–winter recurrence and non–winter–winter recurrence of SST anomalies in the central North Pacific. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	9
124	Cross–Seasonal Influence of the SAM on Southern Hemisphere Extratropical SST and its Relationship with Meridional Circulation in CMIP5 models. <i>International Journal of Climatology</i> , 2018, 38, 1499-1519.	1.5	9
125	Asymmetry of the Predictability Limit of the Warm ENSO Phase. <i>Geophysical Research Letters</i> , 2018, 45, 7646-7653.	1.5	9
126	Linking the North American Dipole to the Pacific Meridional Mode. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 3020-3034.	1.2	9

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127	Comparisons of two ensemble mean methods in measuring the average error growth and the predictability. <i>Journal of Meteorological Research</i> , 2011, 25, 395-404.	1.0	8
128	Causes of Enhanced SST Variability over the Equatorial Atlantic and Its Relationship to the Atlantic Zonal Mode in CMIP5. <i>Journal of Climate</i> , 2017, 30, 6171-6182.	1.2	8
129	Dominant SST Mode in the Southern Hemisphere Extratropics and Its Influence on Atmospheric Circulation. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 881-895.	1.9	8
130	Divergent Responses of Extratropical Atmospheric Circulation to Interhemispheric Dipolar SST Forcing over the Two Hemispheres in Boreal Winter. <i>Journal of Climate</i> , 2018, 31, 7599-7619.	1.2	8
131	Controls on the Northward Movement of the ITCZ over the South China Sea in Autumn: A Heavy Rain Case Study. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1651-1664.	1.9	8
132	Synergistic effect of El Niño and the North Pacific Oscillation on wintertime precipitation over Southeastern China and the East China Sea Kuroshio area. <i>Climate Dynamics</i> , 2022, 58, 1635-1649.	1.7	8
133	Statistical characteristics of the double ridges of subtropical high in the Northern Hemisphere. <i>Science Bulletin</i> , 2005, 50, 2336-2341.	1.7	7
134	Interaction between planetary-scale diffluent flow and synoptic-scale waves during the life cycle of blocking. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 807-831.	1.9	7
135	Modulation of the Meridional Structures of the Indo-Pacific Warm Pool on the Response of the Hadley Circulation to Tropical SST. <i>Journal of Climate</i> , 2018, 31, 8971-8984.	1.2	7
136	Variability of boreal spring Hadley circulation over the Asian monsoon domain and its relationship with tropical SST. <i>Climate Dynamics</i> , 2020, 54, 1655-1669.	1.7	7
137	Model Forecast Error Correction Based on the Local Dynamical Analog Method: An Example Application to the ENSO Forecast by an Intermediate Coupled Model. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088986.	1.5	7
138	Is the North Pacific Victoria Mode a Predictor of Winter Rainfall over South China?. <i>Journal of Climate</i> , 2020, 33, 8833-8847.	1.2	7
139	The Boreal Summer Zonal Wavenumber-3 Trend Pattern and Its Connection with Surface Enhanced Warming. <i>Journal of Climate</i> , 2022, 35, 833-850.	1.2	7
140	A four-dimensional scheme based on singular value decomposition (4DSVD) for chaotic attractor-theory-oriented data assimilation. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	6
141	The Impact of Layer Perturbation Potential Energy on the East Asian Summer Monsoon. <i>Journal of Climate</i> , 2017, 30, 7087-7103.	1.2	6
142	Improved Global Surface Temperature Simulation using Stratospheric Ozone Forcing with More Accurate Variability. <i>Scientific Reports</i> , 2018, 8, 14474.	1.6	6
143	Effects of Air Temperature and Precipitation on Soil Moisture on the Qinghai-Tibet Plateau during the 2015 Growing Season. <i>Advances in Meteorology</i> , 2020, 2020, 1-10.	0.6	6
144	Longer Duration of the Weak Stratospheric Vortex During Extreme El Niño Events Linked to Spring Eurasian Coldness. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032331.	1.2	6

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145	Impact of the April–May SAM on Central Pacific Ocean sea temperature over the following three seasons. <i>Climate Dynamics</i> , 2021, 57, 775-786.	1.7	6
146	Impacts of the Indo–Pacific Warm Pool on Lower Stratospheric Water Vapor: Seasonality and Hemispheric Contrasts. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034363.	1.2	6
147	Evaluation of the Performance of CMIP5 and CMIP6 Models in Simulating the Victoria Mode–El Niño Relationship. <i>Journal of Climate</i> , 2021, 34, 7625-7644.	1.2	6
148	Evaluation of the Performance of CMIP5 and CMIP6 Models in Simulating the Victoria Mode–El Niño Relationship. <i>Journal of Climate</i> , 2021, 34, 7625-7644.	1.2	6
149	Feedback of tropical cyclones on El Niño diversity. Part I: Phenomenon. <i>Climate Dynamics</i> , 2022, 59, 169-184.	1.7	6
150	The synergistic effect of the preceding winter Northern Hemisphere annular mode and spring tropical North Atlantic SST on spring extreme cold events in the mid-high latitudes of East Asia. <i>Climate Dynamics</i> , 2022, 59, 3175-3191.	1.7	6
151	Clean numerical simulation for some chaotic systems using the parallel multiple-precision Taylor scheme. <i>Science Bulletin</i> , 2014, 59, 4465-4472.	1.7	5
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