

# Huijun Wang

## List of Publications by Year in descending order

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205  
papers

7,258  
citations

46918

47  
h-index

82410

72  
g-index

208  
all docs

208  
docs citations

208  
times ranked

4762  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent changes in the summer precipitation pattern in East China and the background circulation. <i>Climate Dynamics</i> , 2011, 36, 1463-1473.	1.7	356
2	Haze Days in North China and the associated atmospheric circulations based on daily visibility data from 1960 to 2012. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 5895-5909.	1.2	250
3	Simulation of permafrost and seasonally frozen ground conditions on the Tibetan Plateau, 1981–2010. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5216-5230.	1.2	184
4	East Asian Study of Tropospheric Aerosols and their Impact on Regional Clouds, Precipitation, and Climate (EAST-ASIAIR-CPC). <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 13026-13054.	1.2	175
5	Weakening relationship between East Asian winter monsoon and ENSO after mid-1970s. <i>Science Bulletin</i> , 2012, 57, 3535-3540.	1.7	153
6	The significant climate warming in the northern Tibetan Plateau and its possible causes. <i>International Journal of Climatology</i> , 2012, 32, 1775-1781.	1.5	144
7	The North China/Northeastern Asia Severe Summer Drought in 2014. <i>Journal of Climate</i> , 2015, 28, 6667-6681.	1.2	144
8	Decadal variations of the relationship between the summer North Atlantic Oscillation and middle East Asian air temperature. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	125
9	A physically-based statistical forecast model for the middle-lower reaches of the Yangtze River Valley summer rainfall. <i>Science Bulletin</i> , 2008, 53, 602-609.	1.7	115
10	Spatial-temporal features of intense snowfall events in China and their possible change. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	112
11	Contribution of the phase transition of Pacific Decadal Oscillation to the late 1990s' shift in East China summer rainfall. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 8817-8827.	1.2	106
12	CMIP5 permafrost degradation projection: A comparison among different regions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 4499-4517.	1.2	106
13	A projection of permafrost degradation on the Tibetan Plateau during the 21st century. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	100
14	Changes of the connection between the summer North Atlantic Oscillation and the East Asian summer rainfall. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	96
15	A New Approach to Forecasting Typhoon Frequency over the Western North Pacific. <i>Weather and Forecasting</i> , 2009, 24, 974-986.	0.5	91
16	The western Pacific subtropical high after the 1970s: westward or eastward shift?. <i>Climate Dynamics</i> , 2015, 44, 2035-2047.	1.7	89
17	Characteristics of land surface heat and water exchange under different soil freeze/thaw conditions over the central Tibetan Plateau. <i>Hydrological Processes</i> , 2011, 25, 2531-2541.	1.1	87
18	Analysis of the major atmospheric moisture sources affecting three sub-regions of East China. <i>International Journal of Climatology</i> , 2015, 35, 2243-2257.	1.5	85

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19	A possible mechanism for the co-variability of the boreal spring Antarctic Oscillation and the Yangtze River valley summer rainfall. <i>International Journal of Climatology</i> , 2009, 29, 1276-1284.	1.5	84
20	Mechanism on how the spring Arctic sea ice impacts the East Asian summer monsoon. <i>Theoretical and Applied Climatology</i> , 2014, 115, 107-119.	1.3	84
21	Interannual Variability of Mascarene High and Australian High and Their Influences on East Asian Summer Monsoon. <i>Journal of the Meteorological Society of Japan</i> , 2004, 82, 1173-1186.	0.7	82
22	Relationships between the North Pacific Oscillation and the typhoon/hurricane frequencies. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 1409-1416.	0.9	79
23	Autumn Sea Ice Cover, Winter Northern Hemisphere Annular Mode, and Winter Precipitation in Eurasia. <i>Journal of Climate</i> , 2012, 26, 3968-3981.	1.2	79
24	Recent changes in summer precipitation in Northeast China and the background circulation. <i>International Journal of Climatology</i> , 2015, 35, 4210-4219.	1.5	79
25	Relationship and its instability of ENSO - Chinese variations in droughts and wet spells. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 145-152.	0.9	77
26	An exceptionally heavy snowfall in Northeast china: large-scale circulation anomalies and hindcast of the NCAR WRF model. <i>Meteorology and Atmospheric Physics</i> , 2011, 113, 11-25.	0.9	77
27	Will the Tibetan Plateau warming depend on elevation in the future?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 3969-3978.	1.2	75
28	Central-north China precipitation as reconstructed from the Qing dynasty: Signal of the Antarctic Atmospheric Oscillation. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	71
29	Future precipitation changes over China under 1.5°C and 2.0°C global warming targets by using CORDEX regional climate models. <i>Science of the Total Environment</i> , 2018, 640-641, 543-554.	3.9	70
30	Modeling the middle Pliocene climate with a global atmospheric general circulation model. <i>Journal of Geophysical Research</i> , 2005, 110, n/a-n/a.	3.3	69
31	A New Scheme for Improving the Seasonal Prediction of Summer Precipitation Anomalies. <i>Weather and Forecasting</i> , 2009, 24, 548-554.	0.5	69
32	Why super sandstorm 2021 in North China?. <i>National Science Review</i> , 2022, 9, nwab165.	4.6	69
33	Relationship between the Antarctic oscillation in the western North Pacific typhoon frequency. <i>Science Bulletin</i> , 2007, 52, 561-565.	1.7	68
34	Relationship between Bering Sea ice cover and East Asian winter monsoon year-to-year variations. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 48-56.	1.9	62
35	The response of the North Pacific Decadal Variability to strong tropical volcanic eruptions. <i>Climate Dynamics</i> , 2012, 39, 2917-2936.	1.7	60
36	The increase of snowfall in Northeast China after the mid-1980s. <i>Science Bulletin</i> , 2013, 58, 1350-1354.	1.7	59

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37	The relationship between the subtropical Western Pacific <scp>SST</scp> and haze over North&Central North China Plain. International Journal of Climatology, 2016, 36, 3479-3491.	1.5	59
38	Description and Climate Simulation Performance of CAS&ESM Version 2. Journal of Advances in Modeling Earth Systems, 2020, 12, e2020MS002210.	1.3	59
39	The recent interdecadal and interannual variation of water vapor transport over eastern China. Advances in Atmospheric Sciences, 2011, 28, 1039-1048.	1.9	58
40	Water Vapor Transport Paths and Accumulation during Widespread Snowfall Events in Northeastern China. Journal of Climate, 2013, 26, 4550-4566.	1.2	57
41	Climate control for southeastern China moisture and precipitation: Indian or East Asian monsoon?. Journal of Geophysical Research, 2012, 117, .	3.3	56
42	Simulation of dust aerosol radiative feedback using the Global Transport Model of Dust: 1. Dust cycle and validation. Journal of Geophysical Research, 2009, 114, .	3.3	55
43	Sensible and latent heat flux response to diurnal variation in soil surface temperature and moisture under different freeze/thaw soil conditions in the seasonal frozen soil region of the central Tibetan Plateau. Environmental Earth Sciences, 2011, 63, 97-107.	1.3	55
44	Present and future relationship between the East Asian winter monsoon and ENSO: Results of CMIP5. Journal of Geophysical Research: Oceans, 2013, 118, 5222-5237.	1.0	53
45	Future changes in precipitation extremes across China based on <scp>CMIP6</scp> models. International Journal of Climatology, 2022, 42, 635-651.	1.5	53
46	Inter-decadal transition of the leading mode of inter-annual variability of summer rainfall in East China and its associated atmospheric water vapor transport. Climate Dynamics, 2015, 44, 2703-2722.	1.7	52
47	Climatic change features of fog and haze in winter over North China and Huang-Huai Area. Science China Earth Sciences, 2015, 58, 1370-1376.	2.3	51
48	Relationship between the boreal spring Hadley circulation and the summer precipitation in the Yangtze River valley. Journal of Geophysical Research, 2006, 111, .	3.3	50
49	A review of seasonal climate prediction research in China. Advances in Atmospheric Sciences, 2015, 32, 149-168.	1.9	50
50	Impact of the November/December Arctic Oscillation on the following January temperature in East Asia. Journal of Geophysical Research D: Atmospheres, 2013, 118, 12,981.	1.2	47
51	Simulated change in the near-surface soil freeze/thaw cycle on the Tibetan Plateau from 1981 to 2010. Science Bulletin, 2014, 59, 2439-2448.	1.7	47
52	Effects of anthropogenic activity emerging as intensified extreme precipitation over China. Journal of Geophysical Research D: Atmospheres, 2017, 122, 6899-6914.	1.2	47
53	Autumn Eurasian snow depth, autumn Arctic sea ice cover and East Asian winter monsoon. International Journal of Climatology, 2014, 34, 3616-3625.	1.5	46
54	Frequency of spring dust weather in North China linked to sea ice variability in the Barents Sea. Climate Dynamics, 2018, 51, 4439-4450.	1.7	46

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55	Relationship between Arctic Oscillation and Pacific Decadal Oscillation on decadal timescale. <i>Science Bulletin</i> , 2006, 51, 75-79.	1.7	45
56	Simulation of dust aerosol radiative feedback using the GMOD: 2. Dust-climate interactions. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	45
57	Relationship between the onset date of the Meiyu and the South Asian anticyclone in April and the related mechanisms. <i>Climate Dynamics</i> , 2019, 52, 209-226.	1.7	45
58	Predictability of the East Asian winter monsoon interannual variability as indicated by the DEMETER CGCMS. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 441-454.	1.9	41
59	Comparison of a very-fine-resolution GCM with RCM dynamical downscaling in simulating climate in China. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 559-570.	1.9	41
60	Enhanced intensity of global tropical cyclones during the mid-Pliocene warm period. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12963-12967.	3.3	39
61	Last Glacial Maximum over China: Sensitivities of climate to paleovegetation and Tibetan ice sheet. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	38
62	Climate responses to direct radiative forcing of anthropogenic aerosols, tropospheric ozone, and long-lived greenhouse gases in eastern China over 1951-2000. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 748-762.	1.9	38
63	Interdecadal Relationships between the Asian-Pacific Oscillation and Summer Climate Anomalies over Asia, North Pacific, and North America during a Recent 100 Years. <i>Journal of Climate</i> , 2011, 24, 4793-4799.	1.2	38
64	Asian Origin of Interannual Variations of Summer Climate over the Extratropical North Atlantic Ocean. <i>Journal of Climate</i> , 2012, 25, 6594-6609.	1.2	38
65	Simulated Historical (1901-2010) Changes in the Permafrost Extent and Active Layer Thickness in the Northern Hemisphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 12,285.	1.2	38
66	Enhanced influence of early-spring tropical Indian Ocean SST on the following early-summer precipitation over Northeast China. <i>Climate Dynamics</i> , 2018, 51, 4065-4076.	1.7	38
67	Improving Extraseasonal Summer Rainfall Prediction by Merging Information from GCMs and Observations. <i>Weather and Forecasting</i> , 2010, 25, 1263-1274.	0.5	37
68	Interdecadal variability of the East Asian summer monsoon in an AGCM. <i>Advances in Atmospheric Sciences</i> , 2007, 24, 808-818.	1.9	36
69	Estimating the criterion for determining water vapour sources of summer precipitation on the northern Tibetan Plateau. <i>Hydrological Processes</i> , 2006, 20, 505-513.	1.1	35
70	Variability of Northeast China river break-up date. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 701-706.	1.9	35
71	Role of the tropical Atlantic sea surface temperature in the decadal change of the summer North Atlantic Oscillation. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	35
72	Impacts of cumulus convective parameterization schemes on summer monsoon precipitation simulation over China. <i>Journal of Meteorological Research</i> , 2011, 25, 581-592.	1.0	35

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73	Linkage of the Boreal Spring Antarctic Oscillation to the West African Summer Monsoon. <i>Journal of the Meteorological Society of Japan</i> , 2010, 88, 15-28.	0.7	34
74	Influence of springtime North Atlantic Oscillation on crops yields in Northeast China. <i>Climate Dynamics</i> , 2013, 41, 3317-3324.	1.7	34
75	The strengthening relationship between <sc>A</sc>rtic <sc>O</sc>scillation and <sc>ENSO</sc> after the mid-1990s. <i>International Journal of Climatology</i> , 2014, 34, 2515-2521.	1.5	33
76	Impacts of snow and glaciers over Tibetan Plateau on Holocene climate change: Sensitivity experiments with a coupled model of intermediate complexity. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	32
77	Linkage between the East Asian January temperature extremes and the preceding Arctic Oscillation. <i>International Journal of Climatology</i> , 2016, 36, 1026-1032.	1.5	32
78	The responses of East Asian Summer monsoon to the North Atlantic Meridional Overturning Circulation in an enhanced freshwater input simulation. <i>Science Bulletin</i> , 2009, 54, 4724-4732.	4.3	31
79	Satellite data reveal southwestern Tibetan plateau cooling since 2001 due to snow albedo feedback. <i>International Journal of Climatology</i> , 2020, 40, 1644-1655.	1.5	31
80	Impacts of the Autumn Arctic Sea Ice on the Intraseasonal Reversal of the Winter Siberian High. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 173-188.	1.9	30
81	Comparison analysis of the summer monsoon precipitation between northern and southern slopes of Tanggula Mountains, Qinghai-Xizang (Tibetan) Plateau: a case study in summer 1998. <i>Hydrological Processes</i> , 2007, 21, 1841-1847.	1.1	29
82	Accumulation over the Greenland Ice Sheet as represented in reanalysis data. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 1030-1038.	1.9	29
83	A Statistical Downscaling Model for Forecasting Summer Rainfall in China from DEMETER Hindcast Datasets. <i>Weather and Forecasting</i> , 2012, 27, 608-628.	0.5	29
84	Climate Constraints on Glaciation Over High Mountain Asia During the Last Glacial Maximum. <i>Geophysical Research Letters</i> , 2018, 45, 9024-9033.	1.5	29
85	Climatic Condition and Synoptic Regimes of Two Intense Snowfall Events in Eastern China and Implications for Climate Variability. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 926-941.	1.2	29
86	Analysis on the decadal scale variation of the dust storm in North China. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 2260-2266.	0.9	28
87	Climatic response to changes in vegetation in the Northwest Hetao Plain as simulated by the WRF model. <i>International Journal of Climatology</i> , 2013, 33, 1470-1481.	1.5	28
88	Will boreal winter precipitation over China increase in the future? An AGCM simulation under summer ice-free Arctic conditions. <i>Science Bulletin</i> , 2012, 57, 921-926.	1.7	27
89	Why the spring North Pacific Oscillation is a predictor of typhoon activity over the Western North Pacific. <i>International Journal of Climatology</i> , 2015, 35, 3353-3361.	1.5	26
90	Improving the Prediction of the Summer Asian-Pacific Oscillation Using the Interannual Increment Approach. <i>Journal of Climate</i> , 2014, 27, 8126-8134.	1.2	25

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91	Modulation of ENSO evolution by strong tropical volcanic eruptions. <i>Climate Dynamics</i> , 2018, 51, 2433-2453.	1.7	25
92	A Detectable Anthropogenic Shift Toward Intensified Summer Hot Drought Events Over Northeastern China. <i>Earth and Space Science</i> , 2020, 7, e2019EA000836.	1.1	25
93	Changes in the tropical cyclone genesis potential index over the western north pacific in the SRES A2 scenario. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 1246-1258.	1.9	24
94	Larger variability, better predictability?. <i>International Journal of Climatology</i> , 2013, 33, 2341-2351.	1.5	24
95	Potential impact of future climate change on crop yield in northeastern China. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 889-897.	1.9	23
96	Late Winter Sea Ice in the Bering Sea: Predictor for Maize and Rice Production in Northeast China. <i>Journal of Applied Meteorology and Climatology</i> , 2014, 53, 1183-1192.	0.6	22
97	An intercomparison of CMIP5 and CMIP3 models for interannual variability of summer precipitation in Pan-Asian monsoon region. <i>International Journal of Climatology</i> , 2015, 35, 3770-3780.	1.5	22
98	New approaches for the skillful prediction of the winter North Atlantic Oscillation based on coupled dynamic climate models. <i>International Journal of Climatology</i> , 2016, 36, 82-94.	1.5	22
99	Interdecadal variation of the West African summer monsoon during 1979-2010 and associated variability. <i>Climate Dynamics</i> , 2012, 39, 2883-2894.	1.7	21
100	Pan-Asian monsoon and its definition, principal modes of precipitation, and variability features. <i>Science China Earth Sciences</i> , 2012, 55, 787-795.	2.3	21
101	Design and testing of a global climate prediction system based on a coupled climate model. <i>Science China Earth Sciences</i> , 2014, 57, 2417-2427.	2.3	21
102	Will the western Pacific subtropical high constantly intensify in the future?. <i>Climate Dynamics</i> , 2016, 47, 567-577.	1.7	21
103	Sensitivity of Historical Simulation of the Permafrost to Different Atmospheric Forcing Data Sets from 1979 to 2009. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 12,269.	1.2	21
104	Dominant modes of interannual variability of extreme high-temperature events in eastern China during summer and associated mechanisms. <i>International Journal of Climatology</i> , 2020, 40, 841-857.	1.5	21
105	Changes in clustered extreme precipitation events in South China and associated atmospheric circulations. <i>International Journal of Climatology</i> , 2016, 36, 3226-3236.	1.5	20
106	2002: The extra-strong warm winter event in North Asia and its accompanying anomalous atmospheric circulation. <i>Science Bulletin</i> , 2003, 48, 1031-1033.	1.7	19
107	Southern Hemisphere mean zonal wind in upper troposphere and East Asian summer monsoon circulation. <i>Science Bulletin</i> , 2006, 51, 1508-1514.	4.3	19
108	Greenland ice sheet contribution to future global sea level rise based on CMIP5 models. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 8-16.	1.9	19

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109	Interdecadal change between the Arctic Oscillation and East Asian climate during 1900–2015 winters. <i>International Journal of Climatology</i> , 2017, 37, 4791-4802.	1.5	19
110	Role of sea surface temperature anomalies in the tropical Indo-Pacific region in the northeast Asia severe drought in summer 2014: month-to-month perspective. <i>Climate Dynamics</i> , 2017, 49, 1631-1650.	1.7	18
111	What induces the interdecadal shift of the dipole patterns of summer precipitation trends over the Tibetan Plateau?. <i>International Journal of Climatology</i> , 2021, 41, 5159-5177.	1.5	18
112	Detectable Human Influence on Changes in Precipitation Extremes Across China. <i>Earth's Future</i> , 2022, 10, .	2.4	17
113	Simulation of sea surface temperature changes in the Middle Pliocene warm period and comparison with reconstructions. <i>Science Bulletin</i> , 2011, 56, 890-899.	1.7	16
114	Asymmetry in the response of central Eurasian winter temperature to AMO. <i>Climate Dynamics</i> , 2016, 47, 2139-2154.	1.7	16
115	Role of autumn Arctic Sea ice in the subsequent summer precipitation variability over East Asia. <i>International Journal of Climatology</i> , 2020, 40, 706-722.	1.5	16
116	Interdecadal change in the connection between Hadley circulation and winter temperature in East Asia. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 24-30.	1.9	15
117	Simulation of Greenland ice sheet during the mid-Pliocene warm period. <i>Science Bulletin</i> , 2014, 59, 201-211.	1.7	15
118	Simulated warm periods of climate over China during the last two millennia: The Sui–Tang warm period versus the Song–Yuan warm period. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 2229-2241.	1.2	15
119	Interannual variation in summer extreme precipitation over Southwestern China and the possible associated mechanisms. <i>International Journal of Climatology</i> , 2021, 41, 3425-3438.	1.5	15
120	A simulation study of a heavy rainfall process over the Yangtze River valley using the two-way nesting approach. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 731-743.	1.9	14
121	Modulation of Aleutian Low and Antarctic Oscillation co-variability by ENSO. <i>Climate Dynamics</i> , 2015, 44, 1245-1256.	1.7	14
122	A trend towards a stable warm and windless state of the surface weather conditions in northern and northeastern China during 1961–2014. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 713-726.	1.9	14
123	Interdecadal Variations in Extreme High-Temperature Events over Southern China in the Early 2000s and the Influence of the Pacific Decadal Oscillation. <i>Atmosphere</i> , 2020, 11, 829.	1.0	14
124	Interdecadal Variation and Causes of Drought in Northeast China in Recent Decades. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032069.	1.2	14
125	Relationship between Hadley circulation and sea ice extent in the Bering Sea. <i>Science Bulletin</i> , 2008, 53, 444-449.	1.7	13
126	Spring surface cooling trend along the East Asian coast after the late 1990s. <i>Science Bulletin</i> , 2013, 58, 3847-3851.	1.7	13



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127	Impact of overestimated ENSO variability in the relationship between ENSO and East Asian summer rainfall. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 6200-6211.	1.2	13
128	Divergent responses of tropical cyclone genesis factors to strong volcanic eruptions at different latitudes. <i>Climate Dynamics</i> , 2018, 50, 2121-2136.	1.7	13
129	Evolution of tropical cyclone genesis regions during the Cenozoic era. <i>Nature Communications</i> , 2019, 10, 3076.	5.8	13
130	Increased Interannual Variability in the Dipole Mode of Extreme High-Temperature Events over East China during Summer after the Early 1990s and Associated Mechanisms. <i>Journal of Climate</i> , 2022, 35, 1347-1364.	1.2	13
131	Impact of topography and land-sea distribution on East Asian paleoenvironmental patterns. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 258-266.	1.9	12
132	A possible impact of cooling over the Tibetan Plateau on the mid-Holocene East Asian monsoon climate. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 543-550.	1.9	12
133	The springtime North Asia cyclone activity index and the Southern Annular Mode. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 673-679.	1.9	12
134	Can the climate background of western North Pacific typhoon activity be predicted by climate model?. <i>Science Bulletin</i> , 2008, 53, 2392-2399.	4.3	12
135	Sensitivity of the modeled present-day Greenland Ice Sheet to climatic forcing and spin-up methods and its influence on future sea level projections. <i>Journal of Geophysical Research F: Earth Surface</i> , 2013, 118, 2174-2189.	1.0	12
136	Atmospheric response to the autumn sea-ice free Arctic and its detectability. <i>Climate Dynamics</i> , 2016, 46, 2051-2066.	1.7	12
137	Large shift of the Pacific Walker Circulation across the Cenozoic. <i>National Science Review</i> , 2021, 8, nwaa101.	4.6	12
138	Predicting climate anomalies: A real challenge. <i>Atmospheric and Oceanic Science Letters</i> , 2022, 15, 100115.	0.5	12
139	A Long-Lasting Precipitation Deficit in South China During Autumn-Winter 2020/2021: Combined Effect of ENSO and Arctic Sea Ice. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	12
140	The hindcast of winter and spring Arctic and Antarctic oscillation with the coupled climate models. <i>Journal of Meteorological Research</i> , 2011, 25, 340-354.	1.0	11
141	Is the Interannual Variability of the Summer Asian-Pacific Oscillation Predictable?. <i>Journal of Climate</i> , 2013, 26, 3865-3876.	1.2	11
142	Assessment of the response of the East Asian winter monsoon to ENSO-like SSTAs in three U.S. CLIVAR Project models. <i>International Journal of Climatology</i> , 2016, 36, 847-866.	1.5	11
143	Investigating uncertainty in the simulation of the Antarctic ice sheet during the mid-Piacenzian. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 1559-1574.	1.2	11
144	Pacific multi-decadal oscillation modulates the effect of Arctic oscillation and El Niño southern oscillation on the East Asian winter monsoon. <i>International Journal of Climatology</i> , 2018, 38, 2808-2818.	1.5	11

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145	Verification and Improvement of the Ability of CFSv2 to Predict the Antarctic Oscillation in Boreal Spring. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 292-302.	1.9	11
146	Linkage between the northeast Mongolian precipitation and the Northern Hemisphere Zonal Circulation. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 659-664.	1.9	10
147	Decadal co-variability of the summer surface air temperature and soil moisture in China under global warming. <i>Science Bulletin</i> , 2007, 52, 1559-1565.	1.7	10
148	Precipitation Distribution along the Qinghai-Xizang (Tibetan) Highway, Summer 1998. <i>Arctic, Antarctic, and Alpine Research</i> , 2008, 40, 761-769.	0.4	10
149	The relationship between the Aleutian Low and the Australian summer monsoon at interannual time scales. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 177-184.	1.9	10
150	Midâ€ˆHolocene Asian summer climate and its responses to cold ocean surface simulated in the PMIP2 OAGCMs experiments. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4117-4128.	1.2	10
151	Dynamic Control of the Dominant Modes of Interannual Variability of Snowfall Frequency in China. <i>Journal of Climate</i> , 2021, 34, 2777-2790.	1.2	10
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