

Huijun Wang

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.

202
papers

5,279
citations

42
h-index

63
g-index

208
ext. papers

6,235
ext. citations

4
avg, IF

6.4
L-index

#	Paper	IF	Citations
202	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
201	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	4.4	208
200	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	4.4	130
199	Weakening relationship between East Asian winter monsoon and ENSO after mid-1970s. <i>Science Bulletin</i> , 2012 , 57, 3535-3540		126
198	The significant climate warming in the northern Tibetan Plateau and its possible causes. <i>International Journal of Climatology</i> , 2012 , 32, 1775-1781	3.5	108
197	East Asian Study of Tropospheric Aerosols and their Impact on Regional Clouds, Precipitation, and Climate (EAST-AIRCPC). <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 13026-13054	4.4	104
196	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,		100
195	The North China/Northeastern Asia Severe Summer Drought in 2014. <i>Journal of Climate</i> , 2015 , 28, 6667-6681	4.4	97
194	Spatial-temporal features of intense snowfall events in China and their possible change. <i>Journal of Geophysical Research</i> , 2010 , 115,		90
193	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		90
192	A New Approach to Forecasting Typhoon Frequency over the Western North Pacific. <i>Weather and Forecasting</i> , 2009 , 24, 974-986	2.1	78
191	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	3.5	74
190	Changes of the connection between the summer North Atlantic Oscillation and the East Asian summer rainfall. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		73
189	Autumn Sea Ice Cover, Winter Northern Hemisphere Annular Mode, and Winter Precipitation in Eurasia. <i>Journal of Climate</i> , 2012 , 26, 3968-3981	4.4	68
188	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	2	68
187	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	4.4	67
186	A projection of permafrost degradation on the Tibetan Plateau during the 21st century. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		67

185	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		67
184	Central-north China precipitation as reconstructed from the Qing dynasty: Signal of the Antarctic Atmospheric Oscillation. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	67
183	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	2.8	66
182	CMIP5 permafrost degradation projection:A comparison among different regions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 4499-4517	4.4	66
181	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	3.3	64
180	Relationships between the North Pacific Oscillation and the typhoon/hurricane frequencies. <i>Science in China Series D: Earth Sciences</i> , 2007 , 50, 1409-1416		64
179	The western Pacific subtropical high after the 1970s: westward or eastward shift?. <i>Climate Dynamics</i> , 2015 , 44, 2035-2047	4.2	63
178	A New Scheme for Improving the Seasonal Prediction of Summer Precipitation Anomalies. <i>Weather and Forecasting</i> , 2009 , 24, 548-554	2.1	63
177	Modeling the middle Pliocene climate with a global atmospheric general circulation model. <i>Journal of Geophysical Research</i> , 2005 , 110, n/a-n/a		62
176	Will the Tibetan Plateau warming depend on elevation in the future?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 3969-3978	4.4	58
175	Mechanism on how the spring Arctic sea ice impacts the East Asian summer monsoon. <i>Theoretical and Applied Climatology</i> , 2014 , 115, 107-119	3	57
174	Relationship between the Antarctic oscillation in the western North Pacific typhoon frequency. <i>Science Bulletin</i> , 2007 , 52, 561-565		57
173	Analysis of the major atmospheric moisture sources affecting three sub-regions of East China. <i>International Journal of Climatology</i> , 2015 , 35, 2243-2257	3.5	56
172	Recent changes in summer precipitation in Northeast China and the background circulation. <i>International Journal of Climatology</i> , 2015 , 35, 4210-4219	3.5	50
171	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	2.9	49
170	Simulation of dust aerosol radiative feedback using the Global Transport Model of Dust: 1. Dust cycle and validation. <i>Journal of Geophysical Research</i> , 2009 , 114,		49
169	The relationship between the subtropical Western Pacific SST and haze over North-Central North China Plain. <i>International Journal of Climatology</i> , 2016 , 36, 3479-3491	3.5	48
168	The response of the North Pacific Decadal Variability to strong tropical volcanic eruptions. <i>Climate Dynamics</i> , 2012 , 39, 2917-2936	4.2	48

167	The increase of snowfall in Northeast China after the mid-1980s. <i>Science Bulletin</i> , 2013 , 58, 1350-1354		45
166	Water Vapor Transport Paths and Accumulation during Widespread Snowfall Events in Northeastern China. <i>Journal of Climate</i> , 2013 , 26, 4550-4566	4.4	45
165	The recent interdecadal and interannual variation of water vapor transport over eastern China. <i>Advances in Atmospheric Sciences</i> , 2011 , 28, 1039-1048	2.9	44
164	Present and future relationship between the East Asian winter monsoon and ENSO: Results of CMIP5. <i>Journal of Geophysical Research: Oceans</i> , 2013 , 118, 5222-5237	3.3	43
163	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. <i>Environmental Earth Sciences</i> , 2011 , 63, 97-107	2.9	43
162	Relationship between the boreal spring Hadley circulation and the summer precipitation in the Yangtze River valley. <i>Journal of Geophysical Research</i> , 2006 , 111,		43
161	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	10.2	43
160	Climatic change features of fog and haze in winter over North China and Huang-Huai Area. <i>Science China Earth Sciences</i> , 2015 , 58, 1370-1376	4.6	41
159	Simulation of dust aerosol radiative feedback using the GMOD: 2. Dust-climate interactions. <i>Journal of Geophysical Research</i> , 2010 , 115,		39
158	Relationship between Arctic Oscillation and Pacific Decadal Oscillation on decadal timescale. <i>Science Bulletin</i> , 2006 , 51, 75-79		39
157	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	2.9	38
156	Inter-decadal transition of the leading mode of inter-annual variability of summer rainfall in East China and its associated atmospheric water vapor transport. <i>Climate Dynamics</i> , 2015 , 44, 2703-2722	4.2	37
155	Autumn Eurasian snow depth, autumn Arctic sea ice cover and East Asian winter monsoon. <i>International Journal of Climatology</i> , 2014 , 34, 3616-3625	3.5	36
154	Climate control for southeastern China moisture and precipitation: Indian or East Asian monsoon?. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		36
153	Impact of the November/December Arctic Oscillation on the following January temperature in East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 12,981-12,998	4.4	35
152	Simulated change in the near-surface soil freeze/thaw cycle on the Tibetan Plateau from 1981 to 2010. <i>Science Bulletin</i> , 2014 , 59, 2439-2448		34
151	Improving Extraseasonal Summer Rainfall Prediction by Merging Information from GCMs and Observations. <i>Weather and Forecasting</i> , 2010 , 25, 1263-1274	2.1	34
150	Variability of Northeast China river break-up date. <i>Advances in Atmospheric Sciences</i> , 2009 , 26, 701-706	2.9	34

149	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		34
148	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	4.4	33
147	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	2.9	33
146	A review of seasonal climate prediction research in China. <i>Advances in Atmospheric Sciences</i> , 2015 , 32, 149-168	2.9	32
145	Interdecadal variability of the East Asian summer monsoon in an AGCM. <i>Advances in Atmospheric Sciences</i> , 2007 , 24, 808-818	2.9	32
144	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	2.8	31
143	Estimating the criterion for determining water vapour sources of summer precipitation on the northern Tibetan Plateau. <i>Hydrological Processes</i> , 2006 , 20, 505-513	3.3	31
142	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	4.2	30
141	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,		30
140	Influence of springtime North Atlantic Oscillation on crops yields in Northeast China. <i>Climate Dynamics</i> , 2013 , 41, 3317-3324	4.2	27
139	Effects of anthropogenic activity emerging as intensified extreme precipitation over China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 6899-6914	4.4	27
138	The strengthening relationship between Arctic Oscillation and ENSO after the mid-1990s. <i>International Journal of Climatology</i> , 2014 , 34, 2515-2521	3.5	27
137	Asian Origin of Interannual Variations of Summer Climate over the Extratropical North Atlantic Ocean. <i>Journal of Climate</i> , 2012 , 25, 6594-6609	4.4	27
136	Frequency of spring dust weather in North China linked to sea ice variability in the Barents Sea. <i>Climate Dynamics</i> , 2018 , 51, 4439-4450	4.2	26
135	A Statistical Downscaling Model for Forecasting Summer Rainfall in China from DEMETER Hindcast Datasets. <i>Weather and Forecasting</i> , 2012 , 27, 608-628	2.1	25
134	Accumulation over the Greenland Ice Sheet as represented in reanalysis data. <i>Advances in Atmospheric Sciences</i> , 2011 , 28, 1030-1038	2.9	25
133	Impacts of cumulus convective parameterization schemes on summer monsoon precipitation simulation over China. <i>Journal of Meteorological Research</i> , 2011 , 25, 581-592		25
132	Linkage between the East Asian January temperature extremes and the preceding Arctic Oscillation. <i>International Journal of Climatology</i> , 2016 , 36, 1026-1032	3.5	25

131	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	4.2	25
130	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	11.5	24
129	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	2.9	24
128	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		24
127	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	3.5	23
126	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, 12,285-12,295	4.4	23
125	Comparison analysis of the summer monsoon precipitation between northern and southern slopes of Tanggula Mountains, Qinghai-Tibet (Tibetan) Plateau: a case study in summer 1998. <i>Hydrological Processes</i> , 2007 , 21, 1841-1847	3.3	23
124	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		23
123	Modulation of ENSO evolution by strong tropical volcanic eruptions. <i>Climate Dynamics</i> , 2018 , 51, 2433-2453	4.5	22
122	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	10.6	21
121	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	2.9	21
120	Description and Climate Simulation Performance of CAS-ESM Version 2. <i>Journal of Advances in Modeling Earth Systems</i> , 2020 , 12, e2020MS002210	7.1	21
119	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	3.5	20
118	Improving the Prediction of the Summer Asian-Pacific Oscillation Using the Interannual Increment Approach. <i>Journal of Climate</i> , 2014 , 27, 8126-8134	4.4	20
117	Interdecadal variation of the West African summer monsoon during 1979-2010 and associated variability. <i>Climate Dynamics</i> , 2012 , 39, 2883-2894	4.2	20
116	Larger variability, better predictability?. <i>International Journal of Climatology</i> , 2013 , 33, 2341-2351	3.5	20
115	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,	4.9	19
114	Satellite data reveal southwestern Tibetan plateau cooling since 2001 due to snow-albedo feedback. <i>International Journal of Climatology</i> , 2020 , 40, 1644-1655	3.5	19

113	Potential impact of future climate change on crop yield in northeastern China. <i>Advances in Atmospheric Sciences</i> , 2015 , 32, 889-897	2.9	18
112	Greenland ice sheet contribution to future global sea level rise based on CMIP5 models. <i>Advances in Atmospheric Sciences</i> , 2014 , 31, 8-16	2.9	18
111	2002: The extra-strong warm winter event in North Asia and its accompanying anomalous atmospheric circulation. <i>Science Bulletin</i> , 2003 , 48, 1031-1033		18
110	Climate Constraints on Glaciation Over High-Mountain Asia During the Last Glacial Maximum. <i>Geophysical Research Letters</i> , 2018 , 45, 9024-9033	4.9	17
109	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	3.5	17
108	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	3.5	16
107	Simulation of sea surface temperature changes in the Middle Pliocene warm period and comparison with reconstructions. <i>Science Bulletin</i> , 2011 , 56, 890-899		16
106	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, 12,269-12,284	4.4	15
105	Interdecadal change in the connection between Hadley circulation and winter temperature in East Asia. <i>Advances in Atmospheric Sciences</i> , 2008 , 25, 24-30	2.9	15
104	Southern Hemisphere mean zonal wind in upper troposphere and East Asian summer monsoon circulation. <i>Science Bulletin</i> , 2006 , 51, 1508-1514	10.6	15
103	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	2.7	14
102	Interdecadal change between the Arctic Oscillation and East Asian climate during 1900-2015 winters. <i>International Journal of Climatology</i> , 2017 , 37, 4791-4802	3.5	13
101	Spring surface cooling trend along the East Asian coast after the late 1990s. <i>Science Bulletin</i> , 2013 , 58, 3847-3851		13
100	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	4.6	13
99	Simulation of Greenland ice sheet during the mid-Pliocene warm period. <i>Science Bulletin</i> , 2014 , 59, 201-211		13
98	Pan-Asian monsoon and its definition, principal modes of precipitation, and variability features. <i>Science China Earth Sciences</i> , 2012 , 55, 787-795	4.6	13
97	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	4.4	13
96	Asymmetry in the response of central Eurasian winter temperature to AMO. <i>Climate Dynamics</i> , 2016 , 47, 2139-2154	4.2	12

95	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	4.2	12
94	Relationship between Hadley circulation and sea ice extent in the Bering Sea. <i>Science Bulletin</i> , 2008 , 53, 444-449		12
93	Impact of topography and land-sea distribution on East Asian paleoenvironmental patterns. <i>Advances in Atmospheric Sciences</i> , 2006 , 23, 258-266	2.9	12
92	A Detectable Anthropogenic Shift Toward Intensified Summer Hot Drought Events Over Northeastern China. <i>Earth and Space Science</i> , 2020 , 7, e2019EA000836	3.1	12
91	Changes in clustered extreme precipitation events in South China and associated atmospheric circulations. <i>International Journal of Climatology</i> , 2016 , 36, 3226-3236	3.5	12
90	Will the western Pacific subtropical high constantly intensify in the future?. <i>Climate Dynamics</i> , 2016 , 47, 567-577	4.2	11
89	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	2.9	11
88	The springtime North Asia cyclone activity index and the Southern Annular Mode. <i>Advances in Atmospheric Sciences</i> , 2008 , 25, 673-679	2.9	11
87	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	3.5	11
86	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	2.9	11
85	Modulation of Aleutian Low and Antarctic Oscillation co-variability by ENSO. <i>Climate Dynamics</i> , 2015 , 44, 1245-1256	4.2	10
84	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	2.9	10
83	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		10
82	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	2.9	10
81	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	4.4	9
80	Divergent responses of tropical cyclone genesis factors to strong volcanic eruptions at different latitudes. <i>Climate Dynamics</i> , 2018 , 50, 2121-2136	4.2	9
79	Analysis of the decadal and interdecadal variations of the east asian winter monsoon as simulated by 20 coupled models in IPCC AR4. <i>Journal of Meteorological Research</i> , 2012 , 26, 476-488		9
78	Is the Interannual Variability of the Summer Asian-Pacific Oscillation Predictable?. <i>Journal of Climate</i> , 2013 , 26, 3865-3876	4.4	9

77	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	3.8	9
76	Precipitation Distribution along the Qinghai-Xizang (Tibetan) Highway, Summer 1998. <i>Arctic, Antarctic, and Alpine Research</i> , 2008 , 40, 761-769	1.8	9
75	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		9
74	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	4.4	8
73	Atmospheric response to the autumn sea-ice free Arctic and its detectability. <i>Climate Dynamics</i> , 2016 , 46, 2051-2066	4.2	8
72	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	4.4	8
71	Linkage between the northeast Mongolian precipitation and the Northern Hemisphere Zonal Circulation. <i>Advances in Atmospheric Sciences</i> , 2006 , 23, 659-664	2.9	8
70	Why super sandstorm 2021 in North China?. <i>National Science Review</i> , 2022 , 9, nwab165	10.8	8
69	Influence of October Eurasian snow on winter temperature over Northeast China. <i>Advances in Atmospheric Sciences</i> , 2017 , 34, 116-126	2.9	7
68	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	3.5	7
67	Interannual Weakening of the Tropical Pacific Walker Circulation Due to Strong Tropical Volcanism. <i>Advances in Atmospheric Sciences</i> , 2018 , 35, 645-658	2.9	7
66	Mid-Holocene 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	4.4	7
65	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	2.9	7
64	Can the climate background of western North Pacific typhoon activity be predicted by climate model?. <i>Science Bulletin</i> , 2008 , 53, 2392-2399	10.6	7
63	Correlation between precipitation and temperature variations in the past 300 years recorded in Guliya ice core, China. <i>Annals of Glaciology</i> , 2006 , 43, 137-141	2.5	7
62	Ocean data assimilation with background error covariance derived from OGCM outputs. <i>Advances in Atmospheric Sciences</i> , 2004 , 21, 181-192	2.9	7
61	The impact of location-dependent correlation scales in ocean data assimilation. <i>Geophysical Research Letters</i> , 2004 , 31, n/a-n/a	4.9	7
60	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	3.5	7

59	Future changes in precipitation extremes across China based on CMIP6 models. <i>International Journal of Climatology</i> ,	3.5	7
58	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	2.9	6
57	Analysis of sampling error uncertainties and trends in maximum and minimum temperatures in China. <i>Advances in Atmospheric Sciences</i> , 2014 , 31, 263-272	2.9	6
56	Past, present and future of the carbon cycle. <i>National Science Review</i> , 2014 , 1, 18-21	10.8	6
55	Revisiting effect of ocean diapycnal mixing on Atlantic meridional overturning circulation recovery in a freshwater perturbation simulation. <i>Advances in Atmospheric Sciences</i> , 2008 , 25, 597-609	2.9	6
54	Numerical simulation on the southern flood and northern drought in summer 2014 over Eastern China. <i>Theoretical and Applied Climatology</i> , 2018 , 134, 1287-1299	3	6
53	Evaluation and analysis of RegCM3 simulated summer rainfall over the Huaihe River Basin of China. <i>Journal of Meteorological Research</i> , 2011 , 25, 386-394		5
52	Effect of heavy snowfall on ground temperature, northern Tibetan Plateau. <i>Annals of Glaciology</i> , 2006 , 43, 317-322	2.5	5
51	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	3.5	5
50	Influence of Low-frequency Solar Forcing on the East Asian Winter Monsoon Based on HadCM3 and Observations. <i>Advances in Atmospheric Sciences</i> , 2018 , 35, 1205-1215	2.9	5
49	Estimation of sampling error uncertainties in observed surface air temperature change in China. <i>Theoretical and Applied Climatology</i> , 2017 , 129, 1133-1144	3	4
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