

# Huijun Wang

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6692218/huijun-wang-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Why super sandstorm 2021 in North China?. <i>National Science Review</i> , <b>2022</b> , 9, nwab165	10.8	8
201	Interannual Variations in Summer Extreme Precipitation Frequency over Northern Asia and Related Atmospheric Circulation Patterns. <i>Journal of Hydrometeorology</i> , <b>2022</b> ,	3.7	1
200	Possible Relationship between January Warm Arctic-Cold Eurasia and February Haze in North China. <i>Journal of Climate</i> , <b>2022</b> , 1-43	4.4	
199	Increase of Future Summer Rainfall in the Middle and Lower Reach of the Yangtze River Basin Projected With a Nonhomogeneous Hidden Markov Model. <i>Geophysical Research Letters</i> , <b>2022</b> , 49,	4.9	
198	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> , <b>2021</b> , 1-51	4.4	0
197	Dynamic Control of the Dominant Modes of Interannual Variability of Snowfall Frequency in China. <i>Journal of Climate</i> , <b>2021</b> , 34, 2777-2790	4.4	1
196	What induces the interdecadal shift of the dipole patterns of summer precipitation trends over the Tibetan Plateau?. <i>International Journal of Climatology</i> , <b>2021</b> , 41, 5159-5177	3.5	5
195	Out-of-Phase Decadal Change in Drought Over Northeast China Between Early Spring and Late Summer Around 2000 and Its Linkage to the Atlantic Sea Surface Temperature. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2021</b> , 126, e2020JD034048	4.4	2
194	Divergent Evolution of Glaciation Across High-Mountain Asia During the Last Four Glacial-Interglacial Cycles. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL092411	4.9	2
193	Influence of Strong Tropical Volcanic Eruptions on Daily Temperature and Precipitation Extremes Across the Globe. <i>Journal of Meteorological Research</i> , <b>2021</b> , 35, 428-443	2.3	1
192	Possible impacts of December Laptev sea ice on Indian Ocean Dipole conditions during spring. <i>Journal of Climate</i> , <b>2021</b> , 1-45	4.4	0
191	Large shift of the Pacific Walker Circulation across the Cenozoic. <i>National Science Review</i> , <b>2021</b> , 8, nwaa1018	10.1	3
190	Interannual variations of monthly precipitation and associated mechanisms over the Three River Source region in China in winter months. <i>International Journal of Climatology</i> , <b>2021</b> , 41, 2209-2225	3.5	1
189	Monthly Variations of Atmospheric Circulations Associated with Haze Pollution in the Yangtze River Delta and North China. <i>Advances in Atmospheric Sciences</i> , <b>2021</b> , 38, 569-580	2.9	4
188	Interannual variation in summer extreme precipitation over Southwestern China and the possible associated mechanisms. <i>International Journal of Climatology</i> , <b>2021</b> , 41, 3425-3438	3.5	4
187	Dominant Modes of Interannual Variability in Atmospheric Water Vapor Content over East Asia during Winter and Their Associated Mechanisms. <i>Advances in Atmospheric Sciences</i> , <b>2021</b> , 38, 1706-1722	2.9	0
186	Predicting climate anomalies: A real challenge. <i>Atmospheric and Oceanic Science Letters</i> , <b>2021</b> , 15, 100115	15.4	3

185	Interdecadal Change in the Relationship between Northern and Southern Hemisphere Meridional Circulation over the Western Pacific Ocean. <i>Atmosphere</i> , <b>2020</b> , 11, 1106	2.7	0
184	Intensification of the Atlantic Multidecadal Variability Since 1870: Implications and Possible Causes. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2020</b> , 125, e2019JD030977	4.4	1
183	WRF-Chem Simulation of Winter Visibility in Jiangsu, China, and the Application of a Neural Network Algorithm. <i>Atmosphere</i> , <b>2020</b> , 11, 520	2.7	4
182	A Possible Approach for Decadal Prediction of the PDO. <i>Journal of Meteorological Research</i> , <b>2020</b> , 34, 63-72	2.3	2
181	The PMIP3 Simulated Climate Changes over Arid Central Asia during the Mid-Holocene and Last Glacial Maximum. <i>Acta Geologica Sinica</i> , <b>2020</b> , 94, 725-742	0.7	2
180	Is the Regional Precipitation Predictable in Decadal Scale? A Possible Approach for the Decadal Prediction of the Summer Precipitation Over North China. <i>Earth and Space Science</i> , <b>2020</b> , 7, e2019EA000986	3.1	4
179	Variation of the summer Asian westerly jet over the last millennium based on the PMIP3 simulations. <i>Holocene</i> , <b>2020</b> , 30, 332-343	2.6	4
178	Wave-Breaking Features of Blocking over Central Siberia and Its Impacts on the Precipitation Trend over Southeastern Lake Baikal. <i>Advances in Atmospheric Sciences</i> , <b>2020</b> , 37, 75-89	2.9	3
177	Changes in Lake Area in the Inner Mongolian Plateau under Climate Change: The Role of the Atlantic Multidecadal Oscillation and Arctic Sea Ice. <i>Journal of Climate</i> , <b>2020</b> , 33, 1335-1349	4.4	3
176	A Detectable Anthropogenic Shift Toward Intensified Summer Hot Drought Events Over Northeastern China. <i>Earth and Space Science</i> , <b>2020</b> , 7, e2019EA000836	3.1	12
175	Description and Climate Simulation Performance of CAS-ESM Version 2. <i>Journal of Advances in Modeling Earth Systems</i> , <b>2020</b> , 12, e2020MS002210	7.1	21
174	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> , <b>2020</b> , 11, 829	2.7	2
173	Interdecadal Variation and Causes of Drought in Northeast China in Recent Decades. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2020</b> , 125, e2019JD032069	4.4	4
172	Role of autumn Arctic Sea ice in the subsequent summer precipitation variability over East Asia. <i>International Journal of Climatology</i> , <b>2020</b> , 40, 706-722	3.5	4
171	Solar-wind-magnetosphere energy influences the interannual variability of the northern-hemispheric winter climate. <i>National Science Review</i> , <b>2020</b> , 7, 141-148	10.8	2
170	Dominant modes of interannual variability of extreme high-temperature events in eastern China during summer and associated mechanisms. <i>International Journal of Climatology</i> , <b>2020</b> , 40, 841-857	3.5	7
169	Satellite data reveal southwestern Tibetan plateau cooling since 2001 due to snow-albedo feedback. <i>International Journal of Climatology</i> , <b>2020</b> , 40, 1644-1655	3.5	19
168	Springtime Convective Quasi-Biweekly Oscillation and Interannual Variation of Its Intensity over the South China Sea and Western North Pacific. <i>Journal of Meteorological Research</i> , <b>2019</b> , 33, 323-335	2.3	1

167	Verification and Improvement of the Ability of CFSv2 to Predict the Antarctic Oscillation in Boreal Spring. <i>Advances in Atmospheric Sciences</i> , <b>2019</b> , 36, 292-302	2.9	6
166	Projection of Landslides in China during the 21st Century under the RCP8.5 Scenario. <i>Journal of Meteorological Research</i> , <b>2019</b> , 33, 138-148	2.3	2
165	Relationship between the onset date of the Meiyu and the South Asian anticyclone in April and the related mechanisms. <i>Climate Dynamics</i> , <b>2019</b> , 52, 209-226	4.2	30
164	Evolution of tropical cyclone genesis regions during the Cenozoic era. <i>Nature Communications</i> , <b>2019</b> , 10, 3076	17.4	3
163	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> , <b>2019</b> , 124, 13026-13054	4.4	104
162	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> , <b>2019</b> , 124, 926-941	4.4	13
161	Impacts of the Autumn Arctic Sea Ice on the Intraseasonal Reversal of the Winter Siberian High. <i>Advances in Atmospheric Sciences</i> , <b>2019</b> , 36, 173-188	2.9	11
160	Unstable relationship between the Arctic Oscillation and East Asian jet stream in winter and possible mechanisms. <i>Theoretical and Applied Climatology</i> , <b>2019</b> , 135, 13-27	3	4
159	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> , <b>2018</b> , 38, 2808-2818	3.5	7
158	Interannual Weakening of the Tropical Pacific Walker Circulation Due to Strong Tropical Volcanism. <i>Advances in Atmospheric Sciences</i> , <b>2018</b> , 35, 645-658	2.9	7
157	Frequency of spring dust weather in North China linked to sea ice variability in the Barents Sea. <i>Climate Dynamics</i> , <b>2018</b> , 51, 4439-4450	4.2	26
156	Divergent responses of tropical cyclone genesis factors to strong volcanic eruptions at different latitudes. <i>Climate Dynamics</i> , <b>2018</b> , 50, 2121-2136	4.2	9
155	Climate Constraints on Glaciation Over High-Mountain Asia During the Last Glacial Maximum. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 9024-9033	4.9	17
154	Modulation of ENSO evolution by strong tropical volcanic eruptions. <i>Climate Dynamics</i> , <b>2018</b> , 51, 2433-2453	4.5	22
153	Numerical simulation on the southern flood and northern drought in summer 2014 over Eastern China. <i>Theoretical and Applied Climatology</i> , <b>2018</b> , 134, 1287-1299	3	6
152	Enhanced influence of early-spring tropical Indian Ocean SST on the following early-summer precipitation over Northeast China. <i>Climate Dynamics</i> , <b>2018</b> , 51, 4065-4076	4.2	25
151	Precipitation anomalies in the Pan-Asian monsoon region during El Niño decaying summer 2016. <i>International Journal of Climatology</i> , <b>2018</b> , 38, 3618-3632	3.5	3
150	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> , <b>2018</b> , 640-641, 543-554	10.2	43

149	Influence of Low-frequency Solar Forcing on the East Asian Winter Monsoon Based on HadCM3 and Observations. <i>Advances in Atmospheric Sciences</i> , <b>2018</b> , 35, 1205-1215	2.9	5
148	Estimation of sampling error uncertainties in observed surface air temperature change in China. <i>Theoretical and Applied Climatology</i> , <b>2017</b> , 129, 1133-1144	3	4
147	Interdecadal change between the Arctic Oscillation and East Asian climate during 1900-2015 winters. <i>International Journal of Climatology</i> , <b>2017</b> , 37, 4791-4802	3.5	13
146	Stratospheric precursor of non-uniform variation in early spring surface temperature over Eurasia. <i>Journal of Meteorological Research</i> , <b>2017</b> , 31, 389-396	2.3	2
145	Influence of October Eurasian snow on winter temperature over Northeast China. <i>Advances in Atmospheric Sciences</i> , <b>2017</b> , 34, 116-126	2.9	7
144	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> , <b>2017</b> , 122, 12,285-12,295	4.4	23
143	Preface to the special issue on the Forecast and Evaluation of Meteorological Disasters (FEMD). <i>Advances in Atmospheric Sciences</i> , <b>2017</b> , 34, 127-127	2.9	2
142	Connection between the Silk Road Pattern in July and the following January temperature over East Asia. <i>Journal of Meteorological Research</i> , <b>2017</b> , 31, 378-388	2.3	4
141	Interdecadal variations of the South Asian summer monsoon circulation variability and the associated sea surface temperatures on interannual scales. <i>Advances in Atmospheric Sciences</i> , <b>2017</b> , 34, 816-832	2.9	3
140	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> , <b>2017</b> , 34, 713-726	2.9	11
139	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> , <b>2017</b> , 49, 1631-1650	4.2	12
138	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> , <b>2017</b> , 122, 12,269-12,284	4.4	15
137	Effects of anthropogenic activity emerging as intensified extreme precipitation over China. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2017</b> , 122, 6899-6914	4.4	27
136	Investigating uncertainty in the simulation of the Antarctic ice sheet during the mid-Piacenzian. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 1559-1574	4.4	8
135	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> , <b>2016</b> , 113, 12963-12967	11.5	24
134	Comparison of a very-fine-resolution GCM with RCM dynamical downscaling in simulating climate in China. <i>Advances in Atmospheric Sciences</i> , <b>2016</b> , 33, 559-570	2.9	24
133	Atmospheric response to the autumn sea-ice free Arctic and its detectability. <i>Climate Dynamics</i> , <b>2016</b> , 46, 2051-2066	4.2	8
132	Will the western Pacific subtropical high constantly intensify in the future?. <i>Climate Dynamics</i> , <b>2016</b> , 47, 567-577	4.2	11

131	Asymmetry in the response of central Eurasian winter temperature to AMO. <i>Climate Dynamics</i> , <b>2016</b> , 47, 2139-2154	4.2	12
130	The relationship between the subtropical Western Pacific SST and haze over North-Central North China Plain. <i>International Journal of Climatology</i> , <b>2016</b> , 36, 3479-3491	3.5	48
129	New approaches for the skillful prediction of the winter North Atlantic Oscillation based on coupled dynamic climate models. <i>International Journal of Climatology</i> , <b>2016</b> , 36, 82-94	3.5	20
128	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> , <b>2016</b> , 36, 847-866	3.5	11
127	Linkage between the East Asian January temperature extremes and the preceding Arctic Oscillation. <i>International Journal of Climatology</i> , <b>2016</b> , 36, 1026-1032	3.5	25
126	Changes in clustered extreme precipitation events in South China and associated atmospheric circulations. <i>International Journal of Climatology</i> , <b>2016</b> , 36, 3226-3236	3.5	12
125	Will the Tibetan Plateau warming depend on elevation in the future?. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 3969-3978	4.4	58
124	CMIP5 permafrost degradation projection:A comparison among different regions. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 4499-4517	4.4	66
123	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> , <b>2015</b> , 120, 2229-2241	4.4	9
122	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> , <b>2015</b> , 44, 2703-2722	4.2	37
121	A review of seasonal climate prediction research in China. <i>Advances in Atmospheric Sciences</i> , <b>2015</b> , 32, 149-168	2.9	32
120	Climatic change features of fog and haze in winter over North China and Huang-Huai Area. <i>Science China Earth Sciences</i> , <b>2015</b> , 58, 1370-1376	4.6	41
119	The Capability of ENSEMBLES Models in Predicting the Principal Modes of Pan-Asian Monsoon Precipitation. <i>Journal of Climate</i> , <b>2015</b> , 28, 8486-8510	4.4	4
118	Modulation of Aleutian Low and Antarctic Oscillation co-variability by ENSO. <i>Climate Dynamics</i> , <b>2015</b> , 44, 1245-1256	4.2	10
117	The western Pacific subtropical high after the 1970s: westward or eastward shift?. <i>Climate Dynamics</i> , <b>2015</b> , 44, 2035-2047	4.2	63
116	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> , <b>2015</b> , 120, 5895-5909	4.4	208
115	Analysis of the major atmospheric moisture sources affecting three sub-regions of East China. <i>International Journal of Climatology</i> , <b>2015</b> , 35, 2243-2257	3.5	56
114	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> , <b>2015</b> , 120, 8817-8827	4.4	67

113	The North China/Northeastern Asia Severe Summer Drought in 2014. <i>Journal of Climate</i> , <b>2015</b> , 28, 6667-6681	4.4	97
112	Potential impact of future climate change on crop yield in northeastern China. <i>Advances in Atmospheric Sciences</i> , <b>2015</b> , 32, 889-897	2.9	18
111	Recent changes in summer precipitation in Northeast China and the background circulation. <i>International Journal of Climatology</i> , <b>2015</b> , 35, 4210-4219	3.5	50
110	Seasonal prediction systems based on CCSM3 and their evaluation. <i>International Journal of Climatology</i> , <b>2015</b> , 35, 4681-4694	3.5	3
109	Why the spring North Pacific Oscillation is a predictor of typhoon activity over the Western North Pacific. <i>International Journal of Climatology</i> , <b>2015</b> , 35, 3353-3361	3.5	16
108	An intercomparison of CMIP5 and CMIP3 models for interannual variability of summer precipitation in Pan-Asian monsoon region. <i>International Journal of Climatology</i> , <b>2015</b> , 35, 3770-3780	3.5	17
107	Will typhoon over the western North Pacific be more frequent in the Blue Arctic conditions?. <i>Science China Earth Sciences</i> , <b>2014</b> , 57, 1494-1500	4.6	1
106	Analysis of sampling error uncertainties and trends in maximum and minimum temperatures in China. <i>Advances in Atmospheric Sciences</i> , <b>2014</b> , 31, 263-272	2.9	6
105	Simulated change in the near-surface soil freeze/thaw cycle on the Tibetan Plateau from 1981 to 2010. <i>Science Bulletin</i> , <b>2014</b> , 59, 2439-2448		34
104	Autumn Eurasian snow depth, autumn Arctic sea ice cover and East Asian winter monsoon. <i>International Journal of Climatology</i> , <b>2014</b> , 34, 3616-3625	3.5	36
103	Design and testing of a global climate prediction system based on a coupled climate model. <i>Science China Earth Sciences</i> , <b>2014</b> , 57, 2417-2427	4.6	13
102	Improving the Prediction of the Summer Asian Pacific Oscillation Using the Interannual Increment Approach. <i>Journal of Climate</i> , <b>2014</b> , 27, 8126-8134	4.4	20
101	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> , <b>2014</b> , 53, 1183-1192	2.7	14
100	The strengthening relationship between Arctic Oscillation and ENSO after the mid-1990s. <i>International Journal of Climatology</i> , <b>2014</b> , 34, 2515-2521	3.5	27
99	Past, present and future of the carbon cycle. <i>National Science Review</i> , <b>2014</b> , 1, 18-21	10.8	6
98	Mechanism on how the spring Arctic sea ice impacts the East Asian summer monsoon. <i>Theoretical and Applied Climatology</i> , <b>2014</b> , 115, 107-119	3	57
97	Simulation of Greenland ice sheet during the mid-Pliocene warm period. <i>Science Bulletin</i> , <b>2014</b> , 59, 201-211		13
96	Greenland ice sheet contribution to future global sea level rise based on CMIP5 models. <i>Advances in Atmospheric Sciences</i> , <b>2014</b> , 31, 8-16	2.9	18

95	Climatic response to changes in vegetation in the Northwest Hetao Plain as simulated by the WRF model. <i>International Journal of Climatology</i> , <b>2013</b> , 33, 1470-1481	3.5	23
94	Influence of springtime North Atlantic Oscillation on crops yields in Northeast China. <i>Climate Dynamics</i> , <b>2013</b> , 41, 3317-3324	4.2	27
93	Spring surface cooling trend along the East Asian coast after the late 1990s. <i>Science Bulletin</i> , <b>2013</b> , 58, 3847-3851		13
92	The increase of snowfall in Northeast China after the mid-1980s. <i>Science Bulletin</i> , <b>2013</b> , 58, 1350-1354		45
91	Transition of zonal asymmetry of the Arctic Oscillation and the Antarctic Oscillation at the end of 1970s. <i>Advances in Atmospheric Sciences</i> , <b>2013</b> , 30, 41-47	2.9	3
90	Relationship between Bering Sea ice cover and East Asian winter monsoon year-to-year variations. <i>Advances in Atmospheric Sciences</i> , <b>2013</b> , 30, 48-56	2.9	49
89	Larger variability, better predictability?. <i>International Journal of Climatology</i> , <b>2013</b> , 33, 2341-2351	3.5	20
88	Water Vapor Transport Paths and Accumulation during Widespread Snowfall Events in Northeastern China. <i>Journal of Climate</i> , <b>2013</b> , 26, 4550-4566	4.4	45
87	Is the Interannual Variability of the Summer Asian-Pacific Oscillation Predictable?. <i>Journal of Climate</i> , <b>2013</b> , 26, 3865-3876	4.4	9
86	Impact of the November/December Arctic Oscillation on the following January temperature in East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 12,981-12,998	4.4	35
85	Simulation of permafrost and seasonally frozen ground conditions on the Tibetan Plateau, 1981-2010. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 5216-5230	4.4	130
84	Impact of overestimated ENSO variability in the relationship between ENSO and East Asian summer rainfall. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 6200-6211	4.4	8
83	Present and future relationship between the East Asian winter monsoon and ENSO: Results of CMIP5. <i>Journal of Geophysical Research: Oceans</i> , <b>2013</b> , 118, 5222-5237	3.3	43
82	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> , <b>2013</b> , 118, 2174-2189	3.8	9
81	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> , <b>2013</b> , 118, 4117-4128	4.4	7
80	The significant climate warming in the northern Tibetan Plateau and its possible causes. <i>International Journal of Climatology</i> , <b>2012</b> , 32, 1775-1781	3.5	108
79	Will boreal winter precipitation over China increase in the future? An AGCM simulation under summer free Arctic conditions. <i>Science Bulletin</i> , <b>2012</b> , 57, 921-926		24
78	A Statistical Downscaling Model for Forecasting Summer Rainfall in China from DEMETER Hindcast Datasets. <i>Weather and Forecasting</i> , <b>2012</b> , 27, 608-628	2.1	25



77	The response of the North Pacific Decadal Variability to strong tropical volcanic eruptions. <i>Climate Dynamics</i> , <b>2012</b> , 39, 2917-2936	4.2	48
76	Interdecadal variation of the West African summer monsoon during 1979-2010 and associated variability. <i>Climate Dynamics</i> , <b>2012</b> , 39, 2883-2894	4.2	20
75	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> , <b>2012</b> , 26, 476-488		9
74	A projection of permafrost degradation on the Tibetan Plateau during the 21st century. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		67
73	Changes of the connection between the summer North Atlantic Oscillation and the East Asian summer rainfall. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		73
72	Climate control for southeastern China moisture and precipitation: Indian or East Asian monsoon?. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		36
71	Weakening relationship between East Asian winter monsoon and ENSO after mid-1970s. <i>Science Bulletin</i> , <b>2012</b> , 57, 3535-3540		126
70	Autumn Sea Ice Cover, Winter Northern Hemisphere Annular Mode, and Winter Precipitation in Eurasia. <i>Journal of Climate</i> , <b>2012</b> , 26, 3968-3981	4.4	68
69	Pan-Asian monsoon and its definition, principal modes of precipitation, and variability features. <i>Science China Earth Sciences</i> , <b>2012</b> , 55, 787-795	4.6	13
68	Predictability of the East Asian winter monsoon interannual variability as indicated by the DEMETER CGCMS. <i>Advances in Atmospheric Sciences</i> , <b>2012</b> , 29, 441-454	2.9	38
67	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> , <b>2012</b> , 29, 731-743	2.9	10
66	Asian Origin of Interannual Variations of Summer Climate over the Extratropical North Atlantic Ocean. <i>Journal of Climate</i> , <b>2012</b> , 25, 6594-6609	4.4	27
65	Recent changes in the summer precipitation pattern in East China and the background circulation. <i>Climate Dynamics</i> , <b>2011</b> , 36, 1463-1473	4.2	286
64	An exceptionally heavy snowfall in Northeast china: large-scale circulation anomalies and hindcast of the NCAR WRF model. <i>Meteorology and Atmospheric Physics</i> , <b>2011</b> , 113, 11-25	2	68
63	The recent interdecadal and interannual variation of water vapor transport over eastern China. <i>Advances in Atmospheric Sciences</i> , <b>2011</b> , 28, 1039-1048	2.9	44
62	Accumulation over the Greenland Ice Sheet as represented in reanalysis data. <i>Advances in Atmospheric Sciences</i> , <b>2011</b> , 28, 1030-1038	2.9	25
61	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> , <b>2011</b> , 63, 97-107	2.9	43
60	A new prediction model for tropical storm frequency over the western North Pacific using observed winter-spring precipitation and geopotential height at 500 hPa. <i>Journal of Meteorological Research</i> , <b>2011</b> , 25, 262-271		2

59	The hindcast of winter and spring Arctic and Antarctic oscillation with the coupled climate models. <i>Journal of Meteorological Research</i> , <b>2011</b> , 25, 340-354		10
58	Evaluation and analysis of RegCM3 simulated summer rainfall over the Huaihe River Basin of China. <i>Journal of Meteorological Research</i> , <b>2011</b> , 25, 386-394		5
57	Impacts of cumulus convective parameterization schemes on summer monsoon precipitation simulation over China. <i>Journal of Meteorological Research</i> , <b>2011</b> , 25, 581-592		25
56	Simulation of sea surface temperature changes in the Middle Pliocene warm period and comparison with reconstructions. <i>Science Bulletin</i> , <b>2011</b> , 56, 890-899		16
55	Characteristics of land surface heat and water exchange under different soil freeze/thaw conditions over the central Tibetan Plateau. <i>Hydrological Processes</i> , <b>2011</b> , 25, 2531-2541	3.3	64
54	Effects of ice and water clouds on rainfall: a partitioning analysis based on surface rainfall budget. <i>Atmospheric Science Letters</i> , <b>2011</b> , 12, 300-308	2.4	2
53	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> , <b>2011</b> , 24, 4793-4799	4.4	33
52	Linkage of the Boreal Spring Antarctic Oscillation to the West African Summer Monsoon. <i>Journal of the Meteorological Society of Japan</i> , <b>2010</b> , 88, 15-28	2.8	31
51	Improving Extraseasonal Summer Rainfall Prediction by Merging Information from GCMs and Observations. <i>Weather and Forecasting</i> , <b>2010</b> , 25, 1263-1274	2.1	34
50	Simulation of dust aerosol radiative feedback using the GMOD: 2. Dust-climate interactions. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		39
49	Spatial-temporal features of intense snowfall events in China and their possible change. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		90
48	The relationship between the Aleutian Low and the Australian summer monsoon at interannual time scales. <i>Advances in Atmospheric Sciences</i> , <b>2010</b> , 27, 177-184	2.9	7
47	Changes in the tropical cyclone genesis potential index over the western north pacific in the SRES A2 scenario. <i>Advances in Atmospheric Sciences</i> , <b>2010</b> , 27, 1246-1258	2.9	21
46	A New Approach to Forecasting Typhoon Frequency over the Western North Pacific. <i>Weather and Forecasting</i> , <b>2009</b> , 24, 974-986	2.1	78
45	A New Scheme for Improving the Seasonal Prediction of Summer Precipitation Anomalies. <i>Weather and Forecasting</i> , <b>2009</b> , 24, 548-554	2.1	63
44	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> , <b>2009</b> , 29, 1276-1284	3.5	74
43	The responses of East Asian Summer monsoon to the North Atlantic Meridional Overturning Circulation in an enhanced freshwater input simulation. <i>Science Bulletin</i> , <b>2009</b> , 54, 4724-4732	10.6	21
42	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> , <b>2009</b> , 26, 748-762	2.9	33

41	Variability of Northeast China river break-up date. <i>Advances in Atmospheric Sciences</i> , <b>2009</b> , 26, 701-706	2.9	34
40	Role of the tropical Atlantic sea surface temperature in the decadal change of the summer North Atlantic Oscillation. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,		30
39	Simulation of dust aerosol radiative feedback using the Global Transport Model of Dust: 1. Dust cycle and validation. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,		49
38	Decadal variations of the relationship between the summer North Atlantic Oscillation and middle East Asian air temperature. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		100
37	Precipitation Distribution along the Qinghai-Xizang (Tibetan) Highway, Summer 1998. <i>Arctic, Antarctic, and Alpine Research</i> , <b>2008</b> , 40, 761-769	1.8	9
36	Interdecadal change in the connection between Hadley circulation and winter temperature in East Asia. <i>Advances in Atmospheric Sciences</i> , <b>2008</b> , 25, 24-30	2.9	15
35	Revisiting effect of ocean diapycnal mixing on Atlantic meridional overturning circulation recovery in a freshwater perturbation simulation. <i>Advances in Atmospheric Sciences</i> , <b>2008</b> , 25, 597-609	2.9	6
34	The springtime North Asia cyclone activity index and the Southern Annular Mode. <i>Advances in Atmospheric Sciences</i> , <b>2008</b> , 25, 673-679	2.9	11
33	Relationship between Hadley circulation and sea ice extent in the Bering Sea. <i>Science Bulletin</i> , <b>2008</b> , 53, 444-449		12
32	A physically-based statistical forecast model for the middle-lower reaches of the Yangtze River Valley summer rainfall. <i>Science Bulletin</i> , <b>2008</b> , 53, 602-609		90
31	The northern annular mode: More zonal symmetric than the southern annular mode. <i>Science Bulletin</i> , <b>2008</b> , 53, 1740-1744	10.6	4
30	Can the climate background of western North Pacific typhoon activity be predicted by climate model?. <i>Science Bulletin</i> , <b>2008</b> , 53, 2392-2399	10.6	7
29	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> , <b>2007</b> , 21, 1841-1847	3.3	23
28	Interdecadal variability of the East Asian summer monsoon in an AGCM. <i>Advances in Atmospheric Sciences</i> , <b>2007</b> , 24, 808-818	2.9	32
27	Brief review of some CLIVAR-related studies in China. <i>Advances in Atmospheric Sciences</i> , <b>2007</b> , 24, 1037-1048	10.4	3
26	Relationships between the North Pacific Oscillation and the typhoon/hurricane frequencies. <i>Science in China Series D: Earth Sciences</i> , <b>2007</b> , 50, 1409-1416		64
25	Relationship and its instability of ENSO Chinese variations in droughts and wet spells. <i>Science in China Series D: Earth Sciences</i> , <b>2007</b> , 50, 145-152		67
24	Relationship between the Antarctic oscillation in the western North Pacific typhoon frequency. <i>Science Bulletin</i> , <b>2007</b> , 52, 561-565		57

23	Decadal co-variability of the summer surface air temperature and soil moisture in China under global warming. <i>Science Bulletin</i> , <b>2007</b> , 52, 1559-1565		9
22	Impact of topography and land-sea distribution on East Asian paleoenvironmental patterns. <i>Advances in Atmospheric Sciences</i> , <b>2006</b> , 23, 258-266	2.9	12
21	A possible impact of cooling over the Tibetan Plateau on the mid-Holocene East Asian monsoon climate. <i>Advances in Atmospheric Sciences</i> , <b>2006</b> , 23, 543-550	2.9	10
20	Modeling the tropical Pacific Ocean using a regional coupled climate model. <i>Advances in Atmospheric Sciences</i> , <b>2006</b> , 23, 625-638	2.9	2
19	Linkage between the northeast Mongolian precipitation and the Northern Hemisphere Zonal Circulation. <i>Advances in Atmospheric Sciences</i> , <b>2006</b> , 23, 659-664	2.9	8
18	Relationship between Arctic Oscillation and Pacific Decadal Oscillation on decadal timescale. <i>Science Bulletin</i> , <b>2006</b> , 51, 75-79		39
17	Southern Hemisphere mean zonal wind in upper troposphere and East Asian summer monsoon circulation. <i>Science Bulletin</i> , <b>2006</b> , 51, 1508-1514	10.6	15
16	Estimating the criterion for determining water vapour sources of summer precipitation on the northern Tibetan Plateau. <i>Hydrological Processes</i> , <b>2006</b> , 20, 505-513	3.3	31
15	Relationship between the boreal spring Hadley circulation and the summer precipitation in the Yangtze River valley. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		43
14	Effect of heavy snowfall on ground temperature, northern Tibetan Plateau. <i>Annals of Glaciology</i> , <b>2006</b> , 43, 317-322	2.5	5
13	Wavelet analysis reveals periodic oscillations in a 1700 year ice-core record from Guliya, China. <i>Annals of Glaciology</i> , <b>2006</b> , 43, 132-136	2.5	4
12	Correlation between precipitation and temperature variations in the past 300 years recorded in Guliya ice core, China. <i>Annals of Glaciology</i> , <b>2006</b> , 43, 137-141	2.5	7
11	Modeling the middle Pliocene climate with a global atmospheric general circulation model. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110, n/a-n/a		62
10	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> , <b>2005</b> , 32,	4.9	19
9	Central-north China precipitation as reconstructed from the Qing dynasty: Signal of the Antarctic Atmospheric Oscillation. <i>Geophysical Research Letters</i> , <b>2005</b> , 32,	4.9	67
8	Analysis on the decadal scale variation of the dust storm in North China. <i>Science in China Series D: Earth Sciences</i> , <b>2005</b> , 48, 2260-2266		23
7	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> , <b>2004</b> , 82, 1173-1186	2.8	66
6	Ocean data assimilation with background error covariance derived from OGCM outputs. <i>Advances in Atmospheric Sciences</i> , <b>2004</b> , 21, 181-192	2.9	7

5	The impact of location-dependent correlation scales in ocean data assimilation. <i>Geophysical Research Letters</i> , <b>2004</b> , 31, n/a-n/a	4.9	7
4	2002: The extra-strong warm winter event in North Asia and its accompanying anomalous atmospheric circulation. <i>Science Bulletin</i> , <b>2003</b> , 48, 1031-1033		18
3	Last Glacial Maximum over China: Sensitivities of climate to paleovegetation and Tibetan ice sheet. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108, n/a-n/a		34
2	Deciphering the variations and mechanisms of the westerly jets across the Northern Hemisphere during the Last Interglacial based on PMIP4 models. <i>Climate Dynamics</i> , 1	4.2	
1	Future changes in precipitation extremes across China based on CMIP6 models. <i>International Journal of Climatology</i> ,	3.5	7