

Haishan Chen

List of Publications by Year in descending order

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146
papers

3,976
citations

136950

32
h-index

161849

54
g-index

151
all docs

151
docs citations

151
times ranked

4580
citing authors

#	ARTICLE	IF	CITATIONS
1	Widespread decline of Congo rainforest greenness in the past decade. <i>Nature</i> , 2014, 509, 86-90.	27.8	351
2	Spatial dependence of diurnal temperature range trends on precipitation from 1950 to 2004. <i>Climate Dynamics</i> , 2009, 32, 429-440.	3.8	139
3	Temporal and spatial variability of temperature and precipitation over East Africa from 1951 to 2010. <i>Meteorology and Atmospheric Physics</i> , 2017, 129, 131-144.	2.0	127
4	Global annual soil respiration in relation to climate, soil properties and vegetation characteristics: Summary of available data. <i>Agricultural and Forest Meteorology</i> , 2014, 198-199, 335-346.	4.8	106
5	Possible causes of the Central Equatorial African long-term drought. <i>Environmental Research Letters</i> , 2016, 11, 124002.	5.2	100
6	Modeling interannual variability of global soil respiration from climate and soil properties. <i>Agricultural and Forest Meteorology</i> , 2010, 150, 590-605.	4.8	89
7	Observational Quantification of Climatic and Human Influences on Vegetation Greening in China. <i>Remote Sensing</i> , 2017, 9, 425.	4.0	81
8	Projected changes in mean rainfall and temperature over East Africa based on CMIP5 models. <i>International Journal of Climatology</i> , 2018, 38, 1375-1392.	3.5	80
9	Evaluation of CMIP5 twentieth century rainfall simulation over the equatorial East Africa. <i>Theoretical and Applied Climatology</i> , 2019, 135, 893-910.	2.8	79
10	A Negative Soil Moisture-Precipitation Relationship and Its Causes. <i>Journal of Hydrometeorology</i> , 2008, 9, 1364-1376.	1.9	78
11	The 2019 New Year Stratospheric Sudden Warming and Its Real-time Predictions in Multiple S2S Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11155-11174.	3.3	77
12	Impact of Ocean Warming on Tropical Cyclone Size and Its Destructiveness. <i>Scientific Reports</i> , 2017, 7, 8154.	3.3	74
13	Variability of extreme weather events over the equatorial East Africa, a case study of rainfall in Kenya and Uganda. <i>Theoretical and Applied Climatology</i> , 2018, 131, 295-308.	2.8	72
14	The Influence of Topography on East African October to December Climate: Sensitivity Experiments with RegCM4. <i>Advances in Meteorology</i> , 2014, 2014, 1-14.	1.6	70
15	Shift in potential evapotranspiration and its implications for dryness/wetness over Southwest China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 9342-9355.	3.3	68
16	The Stratospheric Sudden Warming Event in February 2018 and its Prediction by a Climate System Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,332.	3.3	66
17	Future changes in climate extremes over Equatorial East Africa based on CMIP5 multimodel ensemble. <i>Natural Hazards</i> , 2018, 90, 901-920.	3.4	62
18	Assessing reanalysis data for understanding rainfall climatology and variability over Central Equatorial Africa. <i>Climate Dynamics</i> , 2019, 53, 651-669.	3.8	61

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19	Stronger warming amplification over drier ecoregions observed since 1979. <i>Environmental Research Letters</i> , 2015, 10, 064012.	5.2	60
20	Extreme drought in the recent two decades in northern China resulting from Eurasian warming. <i>Climate Dynamics</i> , 2019, 52, 2885-2902.	3.8	60
21	Effects of climate change on annual streamflow using climate elasticity in Poyang Lake Basin, China. <i>Theoretical and Applied Climatology</i> , 2013, 112, 169-183.	2.8	52
22	On the coupling between precipitation and potential evapotranspiration: contributions to decadal drought anomalies in the Southwest China. <i>Climate Dynamics</i> , 2017, 48, 3779-3797.	3.8	52
23	Diurnal and seasonal variations of wind farm impacts on land surface temperature over western Texas. <i>Climate Dynamics</i> , 2013, 41, 307-326.	3.8	48
24	On the attribution of the changing hydrological cycle in Poyang Lake Basin, China. <i>Journal of Hydrology</i> , 2014, 514, 214-225.	5.4	47
25	Temporal and spatial evolution of the standard precipitation evapotranspiration index (SPEI) in the Tana River Basin, Kenya. <i>Theoretical and Applied Climatology</i> , 2019, 138, 777-792.	2.8	45
26	Understanding the Central Equatorial African long-term drought using AMIP-type simulations. <i>Climate Dynamics</i> , 2018, 50, 1115-1128.	3.8	44
27	Changes of summer precipitation in China: The dominance of frequency and intensity and linkage with changes in moisture and air temperature. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 12,575.	3.3	42
28	Vegetation feedback causes delayed ecosystem response to East Asian Summer Monsoon Rainfall during the Holocene. <i>Nature Communications</i> , 2021, 12, 1843.	12.8	42
29	Mechanisms for stronger warming over drier ecoregions observed since 1979. <i>Climate Dynamics</i> , 2016, 47, 2955-2974.	3.8	40
30	Attributing the Changes in Reference Evapotranspiration in Southwestern China Using a New Separation Method. <i>Journal of Hydrometeorology</i> , 2017, 18, 777-798.	1.9	37
31	Impacts of Anomalous Midlatitude Cyclone Activity over East Asia during Summer on the Decadal Mode of East Asian Summer Monsoon and Its Possible Mechanism. <i>Journal of Climate</i> , 2017, 30, 739-753.	3.2	37
32	Winter particulate pollution severity in North China driven by atmospheric teleconnections. <i>Nature Geoscience</i> , 2022, 15, 349-355.	12.9	37
33	Diagnosis of East African climate and the circulation mechanisms associated with extreme wet and dry events: a study based on RegCM4. <i>Arabian Journal of Geosciences</i> , 2015, 8, 10255-10265.	1.3	35
34	Trend and concentration characteristics of precipitation and related climatic teleconnections from 1982 to 2010 in the Beas River basin, India. <i>Global and Planetary Change</i> , 2016, 145, 116-129.	3.5	35
35	Land-atmosphere interaction over the Indo-China Peninsula during spring and its effect on the following summer climate over the Yangtze River basin. <i>Climate Dynamics</i> , 2019, 53, 6181-6198.	3.8	35
36	Assessing climatic impacts of future land use and land cover change projected with the CanESM2 model. <i>International Journal of Climatology</i> , 2015, 35, 3661-3675.	3.5	34

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37	Sensitivity of simulated terrestrial carbon assimilation and canopy transpiration to different stomatal conductance and carbon assimilation schemes. <i>Climate Dynamics</i> , 2011, 36, 1037-1054.	3.8	33
38	An Externally Forced Decadal Rainfall Seesaw Pattern Over the Sahel and Southeast Amazon. <i>Geophysical Research Letters</i> , 2019, 46, 923-932.	4.0	31
39	Effects of simulated acid rain on soil CO ₂ emission in a secondary forest in subtropical China. <i>Geoderma</i> , 2012, 189-190, 65-71.	5.1	30
40	Recognition of climatic effects of land use/land cover change under global warming. <i>Science Bulletin</i> , 2013, 58, 3852-3858.	1.7	30
41	Large-scale urbanization effects on eastern Asian summer monsoon circulation and climate. <i>Climate Dynamics</i> , 2016, 47, 117-136.	3.8	30
42	Effects of future land use change on the regional climate in China. <i>Science China Earth Sciences</i> , 2015, 58, 1840-1848.	5.2	29
43	Impact of ocean warming on tropical cyclone track over the western north pacific: A numerical investigation based on two case studies. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 8617-8630.	3.3	29
44	Assessment of Multi-Source Evapotranspiration Products over China Using Eddy Covariance Observations. <i>Remote Sensing</i> , 2018, 10, 1692.	4.0	29
45	Classification of Northeast China Cold Vortex Activity Paths in Early Summer Based on K-means Clustering and Their Climate Impact. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 400-412.	4.3	27
46	Evaluation of the capability of RegCM4.0 in simulating East African climate. <i>Theoretical and Applied Climatology</i> , 2016, 124, 303-313.	2.8	26
47	Spatio-temporal characteristics of the extreme precipitation by L-moment-based index-flood method in the Yangtze River Delta region, China. <i>Theoretical and Applied Climatology</i> , 2016, 124, 1005-1022.	2.8	26
48	Sensitivity experiments of impacts of large-scale urbanization in East China on East Asian winter monsoon. <i>Science Bulletin</i> , 2013, 58, 809-815.	1.7	25
49	Solar influences on spatial patterns of Eurasian winter temperature and atmospheric general circulation anomalies. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 8642-8657.	3.3	24
50	Effects of the Madden-Julian Oscillation on 2-m air temperature prediction over China during boreal winter in the S2S database. <i>Climate Dynamics</i> , 2019, 52, 6671-6689.	3.8	24
51	Uncertainty in land surface temperature simulation over China by CMIP3/CMIP5 models. <i>Theoretical and Applied Climatology</i> , 2014, 117, 463-474.	2.8	23
52	Quantifying the impacts of land surface schemes and dynamic vegetation on the model dependency of projected changes in surface energy and water budgets. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 370-386.	3.8	23
53	Changes in reference evapotranspiration over China during 1960–2012: Contributions and relationships with atmospheric circulation. <i>Hydrological Processes</i> , 2018, 32, 3032-3048.	2.6	23
54	Inter-annual variability of spring precipitation over the Indo-China Peninsula and its asymmetric relationship with El Niño–Southern Oscillation. <i>Climate Dynamics</i> , 2021, 56, 2651-2665.	3.8	23

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55	Contrasting Effect of Soil Moisture on the Daytime Boundary Layer Under Different Thermodynamic Conditions in Summer Over China. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090989.	4.0	23
56	A Tripole Pattern of Summertime Rainfall and the Teleconnections Linking Northern China to the Indian Subcontinent. <i>Journal of Climate</i> , 2019, 32, 3637-3653.	3.2	22
57	Possible linkage between winter extreme low temperature events over China and synoptic-scale transient wave activity. <i>Science China Earth Sciences</i> , 2013, 56, 1266-1280.	5.2	21
58	Predictability of Stratospheric Sudden Warmings in the Beijing Climate Center Forecast System with Statistical Error Corrections. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 8385-8400.	3.3	21
59	Is the interannual variability of summer rainfall in China dominated by precipitation frequency or intensity? An analysis of relative importance. <i>Climate Dynamics</i> , 2016, 47, 67-77.	3.8	20
60	Changing response of the North Atlantic/European winter climate to the 11 year solar cycle. <i>Environmental Research Letters</i> , 2018, 13, 034007.	5.2	20
61	Effects of Topography on Assessing Wind Farm Impacts Using MODIS Data. <i>Earth Interactions</i> , 2013, 17, 1-18.	1.5	19
62	Modelling the effect of soil moisture variability on summer precipitation variability over East Asia. <i>International Journal of Climatology</i> , 2015, 35, 879-887.	3.5	19
63	Inconsistent Responses of Hot Extremes to Historical Land Use and Cover Change Among the Selected CMIP5 Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 3497-3512.	3.3	19
64	Variability of temperature properties over Kenya based on observed and reanalyzed datasets. <i>Theoretical and Applied Climatology</i> , 2018, 133, 1175-1190.	2.8	19
65	Asymmetric response of maximum and minimum temperatures to soil emissivity change over the Northern African Sahel in a GCM. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	18
66	Sub-seasonal to Seasonal Hindcasts of Stratospheric Sudden Warming by BCC_CSM1.1(m): A Comparison with ECMWF. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 479-494.	4.3	18
67	Impact of the Eastward Shift in the Negative Phase NAO on Extreme Drought Over Northern China in Summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032019.	3.3	18
68	Human-caused long-term changes in global aridity. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	6.8	18
69	Evaluating the Capabilities of Soil Enthalpy, Soil Moisture and Soil Temperature in Predicting Seasonal Precipitation. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 445-456.	4.3	17
70	The modulation of Tibetan Plateau heating on the multi-scale northernmost margin activity of East Asia summer monsoon in northern China. <i>Global and Planetary Change</i> , 2018, 161, 149-161.	3.5	17
71	Dissecting Performances of PERSIANN-CDR Precipitation Product over Huai River Basin, China. <i>Remote Sensing</i> , 2019, 11, 1805.	4.0	17
72	Sources of Subseasonal Prediction Skill for Heatwaves over the Yangtze River Basin Revealed from Three S2S Models. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 1435-1450.	4.3	17

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73	Influence of the Eurasian Spring Snowmelt on Summer Land Surface Warming over Northeast Asia and Its Associated Mechanism. <i>Journal of Climate</i> , 2021, 34, 4851-4869.	3.2	17
74	Improvement of Soil Moisture Simulation in Eurasia by the Beijing Climate Center Climate System Model from CMIP5 to CMIP6. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 237-252.	4.3	17
75	Hotspots of the sensitivity of the land surface hydrological cycle to climate change. <i>Science Bulletin</i> , 2013, 58, 3682-3688.	1.7	16
76	Incorporating root hydraulic redistribution and compensatory water uptake in the Common Land Model: Effects on site level and global land modeling. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 7308-7322.	3.3	16
77	Interdecadal Change in the Effect of Spring Soil Moisture over the Indo-China Peninsula on the Following Summer Precipitation over the Yangtze River Basin. <i>Journal of Climate</i> , 2020, 33, 7063-7082.	3.2	16
78	Distinct impacts of spring soil moisture over the Indo-China Peninsula on summer precipitation in the Yangtze River basin under different SST backgrounds. <i>Climate Dynamics</i> , 2021, 56, 1895-1918.	3.8	16
79	Potential effects of land cover change on temperature extremes over Eurasia: current <i>versus</i> historical experiments. <i>International Journal of Climatology</i> , 2017, 37, 59-74.	3.5	15
80	A potential predictor of multi-season droughts in Southwest China: soil moisture and its memory. <i>Natural Hazards</i> , 2018, 91, 553-566.	3.4	15
81	Regional response of winter snow cover over the Northern Eurasia to late autumn Arctic sea ice and associated mechanism. <i>Atmospheric Research</i> , 2019, 222, 100-113.	4.1	15
82	North Atlantic Multidecadal Variability Enhancing Decadal Extratropical Extremes in Boreal Late Summer in the Early Twenty-First Century. <i>Journal of Climate</i> , 2020, 33, 6047-6064.	3.2	15
83	Assessing the future hydrological cycle in the Xinjiang Basin, China, using a multi-model ensemble and SWAT model. <i>International Journal of Climatology</i> , 2014, 34, 2972-2987.	3.5	14
84	Characteristics of summer extreme precipitation in the Huai River basin and their relationship with East Asia summer monsoon during 1960–2014. <i>International Journal of Climatology</i> , 2019, 39, 1555-1570.	3.5	14
85	Retrieval of the land surface–air temperature difference from high spatial resolution satellite observations over complex surfaces in the Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 8065-8079.	3.3	13
86	Impact of Nonuniform Land Surface Warming on Summer Anomalous Extratropical Cyclone Activity Over East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 10306-10320.	3.3	13
87	Comparison of Snowfall Variations over China Identified from Different Snowfall/Rainfall Discrimination Methods. <i>Journal of Meteorological Research</i> , 2020, 34, 1114-1128.	2.4	13
88	Role of Local Atmospheric Forcing and Land–Atmosphere Interaction in Recent Land Surface Warming in the Midlatitudes over East Asia. <i>Journal of Climate</i> , 2020, 33, 2295-2309.	3.2	13
89	Coupling Between Land Surface Fluxes and Lifting Condensation Level: Mechanisms and Sensitivity to Model Physics Parameterizations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034313.	3.3	13
90	Quantifying synoptic eddy feedback onto the low-frequency flow associated with anomalous temperature events in January over China. <i>International Journal of Climatology</i> , 2015, 35, 1976-1983.	3.5	12

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91	Out-of-phase decadal changes in boreal summer rainfall between Yellow-Huaihe River Valley and southern China around 2002/2003. <i>Climate Dynamics</i> , 2016, 47, 137-158.	3.8	12
92	Double-mode adjustment of Tibetan Plateau heating to the summer circumglobal teleconnection in the Northern Hemisphere. <i>International Journal of Climatology</i> , 2018, 38, 663-676.	3.5	12
93	Regional Features and Seasonality of Land-Atmosphere Coupling over Eastern China. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 689-701.	4.3	11
94	Meteorological Impact on Winter PM _{2.5} Pollution in Delhi: Present and Future Projection Under a Warming Climate. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093722.	4.0	11
95	Lag impacts of the anomalous July soil moisture over Southern China on the August rainfall over the Huang-Huai River Basin. <i>Climate Dynamics</i> , 2022, 58, 1737-1754.	3.8	11
96	The nonlinear relationship between summer precipitation in China and the sea surface temperature in preceding seasons: A statistical demonstration. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 12,027.	3.3	10
97	Northward shift in circulation system over the Asian mid-latitudes linked to an increasing heating anomaly over the northern Tibetan Plateau during the past two decades. <i>International Journal of Climatology</i> , 2017, 37, 834-848.	3.5	10
98	Dependence of 3-month Standardized Precipitation-Evapotranspiration Index dryness/wetness sensitivity on climatological precipitation over southwest China. <i>International Journal of Climatology</i> , 2018, 38, 4568-4578.	3.5	10
99	Capacity of Satellite-Based and Reanalysis Precipitation Products in Detecting Long-Term Trends across Mainland China. <i>Remote Sensing</i> , 2020, 12, 2902.	4.0	10
100	Characteristics of the precipitation concentration and their relationship with the precipitation structure: A case study in the Huai River basin, China. <i>Atmospheric Research</i> , 2021, 253, 105484.	4.1	10
101	Reconciling Human and Natural Drivers of the Tripole Pattern of Multidecadal Summer Temperature Variations Over Eurasia. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093971.	4.0	10
102	Robust Solar Signature in Late Winter Precipitation Over Southern China. <i>Geophysical Research Letters</i> , 2019, 46, 9940-9948.	4.0	9
103	Influence of persistence and oceanic forcing on global soil moisture predictability. <i>Climate Dynamics</i> , 2020, 54, 3375-3385.	3.8	9
104	Atmospheric Circumglobal Teleconnection Triggered by Spring Land Thermal Anomalies Over West Asia and Its Possible Impacts on Early Summer Climate Over Northern China. <i>Journal of Climate</i> , 2021, , 1-80.	3.2	9
105	Appreciable role of stratospheric polar vortex in the abnormal diffusion of air pollutant in North China in 2015/2016 winter and implications for prediction. <i>Atmospheric Environment</i> , 2021, 259, 118549.	4.1	9
106	Little Influence of Asian Anthropogenic Aerosols on Summer Temperature in Central East Asia Since 1960. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	9
107	Possible connection between anomalous activity of Scandinavian Atmospheric Teleconnection Pattern and winter snowfall in the Yangtze-Huaihe River Basin of China. <i>Atmospheric and Oceanic Science Letters</i> , 2019, 12, 218-225.	1.3	8
108	Recognition of two dominant modes of EASM and its thermal driving factors based on 25 monsoon indexes. <i>Atmospheric and Oceanic Science Letters</i> , 2019, 12, 278-285.	1.3	8

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109	Decadal intensification of local thermal feedback of summer soil moisture over North China. <i>Theoretical and Applied Climatology</i> , 2019, 138, 1563-1571.	2.8	8
110	Evaluation of the subseasonal forecast skill of surface soil moisture in the S2S database. <i>Atmospheric and Oceanic Science Letters</i> , 2019, 12, 467-474.	1.3	8
111	Projecting the future vegetationâ€ˆclimate system over East Asia and its RCP-dependence. <i>Climate Dynamics</i> , 2020, 55, 2725-2742.	3.8	8
112	Effects of Nonuniform Land Surface Warming on Summer Anomalous Extratropical Cyclone Activity and the East Asian Summer Monsoon: Numerical Experiments with a Regional Climate Model. <i>Journal of Climate</i> , 2020, 33, 10469-10488.	3.2	8
113	Multimodel Future Projections of the Regional Vegetationâ€ˆClimate System Over East Asia: Comparison Between Two Ensemble Approaches. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031967.	3.3	7
114	The Dominant Modes of Spring Land Surface Temperature Over Western Eurasia and Their Possible Linkages With Largeâ€ˆScale Atmospheric Teleconnection Patterns. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	7
115	Effects of elevated O ₃ on soil respiration in a winter wheat - soybean rotation cropland. <i>Soil Research</i> , 2012, 50, 500.	1.1	6
116	Changes in the reference evapotranspiration and contributions of climate factors over the <sc>Indoâ€ˆChina</sc> Peninsula during 1961â€ˆ2017. <i>International Journal of Climatology</i> , 2021, 41, 6511-6529.	3.5	6
117	The dominant modes of the long rains interannual variability over Tanzania and their oceanic drivers. <i>International Journal of Climatology</i> , 2022, 42, 5273-5292.	3.5	6
118	Detecting primary precursors of January surface air temperature anomalies in China. <i>Journal of Meteorological Research</i> , 2017, 31, 1096-1108.	2.4	5
119	Improving the simulation of East Asian summer monsoon with mesoscale enhancement in an AGCM. <i>Climate Dynamics</i> , 2019, 53, 225-236.	3.8	5
120	Zonally asymmetric mode of anomalous activity in summer Asian subtropical westerly jet and its possible sources. <i>Theoretical and Applied Climatology</i> , 2020, 139, 17-32.	2.8	5
121	Strengthening influence of El NiÃ±o on the following spring precipitation over the Indo-China Peninsula. <i>Journal of Climate</i> , 2021, , 1-58.	3.2	5
122	Spatiotemporal shifts in key hydrological variables and dominant factors over China. <i>Hydrological Processes</i> , 2021, 35, e14319.	2.6	5
123	The Storage of Antecedent Precipitation and Air Temperature Signals in Soil Temperature over China. <i>Journal of Hydrometeorology</i> , 2022, , .	1.9	5
124	Sensitivity Experiments of the Local Wildland Fire with WRF-Fire Module. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2020, 56, 533-547.	2.3	4
125	Sub-seasonal variability of surface soil moisture over eastern China. <i>Climate Dynamics</i> , 2020, 55, 3527-3541.	3.8	4
126	Increasing warm-season precipitation in Asian drylands and response to reducing spring snow cover over the Tibetan Plateau. <i>Journal of Climate</i> , 2021, , 1-69.	3.2	4

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127	Contrasting Responses of Local Climate to the Perturbation of Atmospheric Boundary Layer Winds Linked to Land–Atmosphere Interactions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034508.	3.3	4
128	Hybrid Methods for Computing the Streamfunction and Velocity Potential for Complex Flow Fields over Mesoscale Domains. <i>Advances in Atmospheric Sciences</i> , 0, , .	4.3	4
129	Multi-scheme corrected dynamic analogue prediction of summer precipitation in northeastern China based on BCC_CSM. <i>Journal of Meteorological Research</i> , 2017, 31, 1085-1095.	2.4	3
130	Effect of land model ensemble versus coupled model ensemble on the simulation of precipitation climatology and variability. <i>Theoretical and Applied Climatology</i> , 2018, 134, 793-800.	2.8	3
131	Large discrepancy between measured and remotely sensed snow water equivalent in the northern Europe and western Siberia during boreal winter. <i>Theoretical and Applied Climatology</i> , 2019, 137, 133-140.	2.8	3
132	Subseasonal variabilities of surface soil moisture in reanalysis datasets and CESM simulations. <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 34-40.	1.3	3
133	Impact of Aerosol Radiative Effect on the Diurnal Cycle of Summer Precipitation Over North China: Distinct Results From Simulations With Parameterized Versus Explicit Convection. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	3
134	Local and non-local atmospheric effects of abnormal soil moisture over Indochina during May and June. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 2903-2926.	2.7	3
135	Sea surface temperature predictions using a multi-ocean analysis ensemble scheme. <i>Climate Dynamics</i> , 2017, 49, 1049-1059.	3.8	2
136	Evaluation of the Effect of Low Soil Temperature Stress on the Land Surface Energy Fluxes Simulation in the Site and Global Offline Experiments. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002403.	3.8	2
137	Long-Term Trend of Land Surface Thermal States and Its Spatial Variability in the Eastern Region of the Northern Hemisphere. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	1
138	Projected Changes in Terrestrial Vegetation and Carbon Fluxes under 1.5 °C and 2.0 °C Global Warming. <i>Atmosphere</i> , 2022, 13, 42.	2.3	1
139	Point simulation of seasonal snow cover with comprehensive land surface model. , 2003, , .		0
140	Interdecadal variations of East Asia monsoon and its relation with precipitation over North China. , 2003, , .		0
141	Comparison of Seasonal and Interannual Variations of Leaf Area Index from Satellite Data and a Dynamic Vegetation Model. , 2010, , .		0
142	Application of SWAT2005 model in hydrological modeling in a red soil Basin of China. , 2011, , .		0
143	Weather and Climate in Monsoon Regions. <i>Advances in Meteorology</i> , 2015, 2015, 1-1.	1.6	0
144	A Sensitivity Study of an Effective Aerodynamic Parameter Scheme in Simulating Land–Atmosphere Interaction for a Sea–Land Breeze Case Around the Bohai Gulf of China. <i>Journal of Hydrometeorology</i> , 2017, 18, 2101-2115.	1.9	0

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145	Facilitating International Collaboration on Climate Change Research. Bulletin of the American Meteorological Society, 2020, 101, E650-E654.	3.3	0
146	The predictability of snow depth at the North Hemisphere originated from persistence and oceanic forcing. Climate Dynamics, 2023, 60, 945-958.	3.8	0