

# Weichen Tao

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4611996/weichen-tao-publications-by-year.pdf>

**Version:** 2024-04-19

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.

136  
papers

5,089  
citations

31  
h-index

69  
g-index

145  
ext. papers

6,201  
ext. citations

4.9  
avg, IF

5.96  
L-index

#	Paper	IF	Citations
136	The deep blue day is decreasing in China.. <i>Theoretical and Applied Climatology</i> , <b>2022</b> , 147, 1-10	3	0
135	Decadal background for active extreme drought episode in the decade of 2010-2019 over southeastern mainland Asia. <i>Journal of Climate</i> , <b>2022</b> , 1-54	4.4	0
134	Sulfur emissions from consumption by developed and developing countries produce comparable climate impacts. <i>Nature Geoscience</i> , <b>2022</b> , 15, 184-189	18.3	2
133	Left ventricular diastolic dysfunction and cardiovascular disease in different ambient air pollution conditions: A prospective cohort study.. <i>Science of the Total Environment</i> , <b>2022</b> , 154872	10.2	1
132	Increasing 2020-Like Boreal Summer Rainfall Extremes Over Northeast Indian Subcontinent Under Greenhouse Warming. <i>Geophysical Research Letters</i> , <b>2022</b> , 49,	4.9	0
131	Reversal Asymmetry of Rainfall Change Over the Indian Ocean During the Radiative Forcing Increase and Stabilization. <i>Earth's Future</i> , <b>2021</b> , 9, e2021EF002272	7.9	
130	Evolving AMOC multidecadal variability under different CO2 forcings. <i>Climate Dynamics</i> , <b>2021</b> , 57, 593-610	4.1	1
129	Is Preconditioning Effect On Strong Positive Indian Ocean Dipole by a Preceding Central Pacific El Niño Deterministic?. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL092223	4.9	1
128	Discrepant effects of atmospheric adjustments in shaping the spatial pattern of SST anomalies between extreme and moderate El Niños. <i>Journal of Climate</i> , <b>2021</b> , 1-42	4.4	
127	Origins of the Excessive Westward Extension of ENSO SST Simulated in CMIP5 and CMIP6 Models. <i>Journal of Climate</i> , <b>2021</b> , 34, 2839-2851	4.4	14
126	Intensification of El Niño-induced atmospheric anomalies under greenhouse warming. <i>Nature Geoscience</i> , <b>2021</b> , 14, 377-382	18.3	13
125	Long-term temperature variability and the incidence of cardiovascular diseases: A large, representative cohort study in China. <i>Environmental Pollution</i> , <b>2021</b> , 278, 116831	9.3	2
124	The role of internal variability in multi-decadal trends of summer rainfall over East Asia-Northwest Pacific. <i>Climate Dynamics</i> , <b>2021</b> , 56, 245-257	4.2	1
123	Opposite response of strong and moderate positive Indian Ocean Dipole to global warming. <i>Nature Climate Change</i> , <b>2021</b> , 11, 27-32	21.4	27
122	Temporal and spatial variation of the transitional climate zone in summer during 1961-2018. <i>International Journal of Climatology</i> , <b>2021</b> , 41, 1633-1648	3.5	1
121	Surface Temperature Changes Projected by FGOALS Models under Low Warming Scenarios in CMIP5 and CMIP6. <i>Advances in Atmospheric Sciences</i> , <b>2021</b> , 38, 203-220	2.9	2
120	Evaluation of the dependence of the sensible heat flux trend on elevation over the Tibetan Plateau in CMIP5 models. <i>International Journal of Climatology</i> , <b>2021</b> , 41, E3101	3.5	0

119	Dominant modes of interannual variability in precipitation over the Hengduan Mountains during rainy seasons. <i>International Journal of Climatology</i> , <b>2021</b> , 41, 2795-2809	3.5	0
118	Responses of global monsoon and seasonal cycle of precipitation to precession and obliquity forcing. <i>Climate Dynamics</i> , <b>2021</b> , 56, 3733-3747	4.2	2
117	Greenhouse warming intensifies north tropical Atlantic climate variability. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	5
116	Association of heating fuel types with mortality and cardiovascular events among non-smokers in China. <i>Environmental Pollution</i> , <b>2021</b> , 291, 118207	9.3	4
115	Inter-model Spread of the Changes in the East Asian Summer Monsoon System in CMIP5/6 Models. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2020</b> , 125, 2020JD033016	4.4	3
114	The impact of secondary inorganic aerosol emissions change on surface air temperature in the Northern Hemisphere. <i>Theoretical and Applied Climatology</i> , <b>2020</b> , 141, 857-868	3	1
113	Contributions to the Interannual Summer Rainfall Variability in the Mountainous Area of Central China and Their Decadal Changes. <i>Advances in Atmospheric Sciences</i> , <b>2020</b> , 37, 259-268	2.9	4
112	Influences of West Pacific Sea Surface Temperature on Covarying Eurasian Droughts Since the Little Ice Age. <i>Quaternary</i> , <b>2020</b> , 3, 16	2.2	
111	Precipitation-Radiation-Circulation Feedback Processes Associated with Structural Changes of the ITCZ in a Warming Climate during 1980-2014: An Observational Portrayal. <i>Journal of Climate</i> , <b>2020</b> , 33, 8737-8749	4.4	2
110	Emergent Constraint on the Frequency of Central Pacific El Niño Under Global Warming by the Equatorial Pacific Cold Tongue Bias in CMIP5/6 Models. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL089519 <sup>2</sup>	4.9	2
109	Dependence of regional ocean heat uptake on anthropogenic warming scenarios. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	16
108	CO <sub>2</sub> -induced heat source changes over the Tibetan Plateau in boreal summer-part II: the effects of CO <sub>2</sub> direct radiation and uniform sea surface warming. <i>Climate Dynamics</i> , <b>2020</b> , 55, 1631-1647	4.2	2
107	CO <sub>2</sub> -induced heat source changes over the Tibetan Plateau in boreal summer-Part I: the total effects of increased CO <sub>2</sub> . <i>Climate Dynamics</i> , <b>2020</b> , 55, 1793-1807	4.2	1
106	Air temperature variability and high-sensitivity C reactive protein in a general population of China. <i>Science of the Total Environment</i> , <b>2020</b> , 749, 141588	10.2	4
105	Oceanic Processes in Ocean Temperature Products Key to a Realistic Presentation of Positive Indian Ocean Dipole Nonlinearity. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL089396	4.9	5
104	Internal variability in multidecadal trends of surface air temperature over antarctica in austral winter in model simulations. <i>Climate Dynamics</i> , <b>2020</b> , 55, 2835-2847	4.2	4
103	Large Wildfires in the Western United States Exacerbated by Tropospheric Drying Linked to a Multi-Decadal Trend in the Expansion of the Hadley Circulation. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL087911	4.9	4
102	A bias-corrected projection for the changes in East Asian summer monsoon rainfall under global warming. <i>Climate Dynamics</i> , <b>2020</b> , 54, 1-16	4.2	6

101	How can CMIP5 AGCMs' resolution influence precipitation in mountain areas: the Hengduan Mountains?. <i>Climate Dynamics</i> , <b>2020</b> , 54, 159-172	4.2	1
100	The changes of high-temperature extremes and their links with atmospheric circulation over the Northern Hemisphere. <i>Theoretical and Applied Climatology</i> , <b>2020</b> , 139, 261-274	3	3
99	Global Monsoon Changes under the Paris Agreement Temperature Goals in CESM1(CAM5). <i>Advances in Atmospheric Sciences</i> , <b>2019</b> , 36, 279-291	2.9	4
98	Perspective on Landfalling Frequency and Genesis Location Variations of Southern China Typhoon During Peak Summer. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 6830-6838	4.9	7
97	Northwest Pacific Anticyclonic Anomalies during Post-El Niño Summers Determined by the Pace of El Niño Decay. <i>Journal of Climate</i> , <b>2019</b> , 32, 3487-3503	4.4	15
96	Interdecadal Variation of Precipitation over the Hengduan Mountains during Rainy Seasons. <i>Journal of Climate</i> , <b>2019</b> , 32, 3743-3760	4.4	6
95	Towards a theoretical understanding of multiscale drought indices based on the relationship between precipitation and standardized precipitation index. <i>Theoretical and Applied Climatology</i> , <b>2019</b> , 136, 1465-1473	3	3
94	Elevation-dependent sensible heat flux trend over the Tibetan Plateau and its possible causes. <i>Climate Dynamics</i> , <b>2019</b> , 52, 3997-4009	4.2	13
93	Effect of the mean flow on the anomalous anticyclone over the Indo-Northwest Pacific in post-El Niño summers. <i>Climate Dynamics</i> , <b>2019</b> , 53, 5725-5741	4.2	16
92	Dominant modes of CMIP3/5 models simulating northwest Pacific circulation anomalies during post-ENSO summer and their SST dependence. <i>Theoretical and Applied Climatology</i> , <b>2019</b> , 138, 1809-1820	3	2
91	Observed rainfall asymmetry of tropical cyclone in the process of making landfall in Guangdong, south China. <i>International Journal of Climatology</i> , <b>2019</b> , 39, 3379-3395	3.5	3
90	The CO <sub>2</sub> -induced sensible heat changes over the Tibetan Plateau from November to April. <i>Climate Dynamics</i> , <b>2019</b> , 53, 5623-5635	4.2	2
89	Effect of excessive equatorial Pacific cold tongue bias on the El Niño-Northwest Pacific summer monsoon relationship in CMIP5 multi-model ensemble. <i>Climate Dynamics</i> , <b>2019</b> , 52, 6195-6212	4.2	26
88	Projections of East Asian summer monsoon under 1.5 °C and 2 °C warming goals. <i>Theoretical and Applied Climatology</i> , <b>2019</b> , 137, 2187-2201	3	8
87	Assessing the internal variability in multi-decadal trends of summer surface air temperature over East Asia with a large ensemble of GCM simulations. <i>Climate Dynamics</i> , <b>2019</b> , 52, 6229-6242	4.2	18
86	Influence of Western Tibetan Plateau Summer Snow Cover on East Asian Summer Rainfall. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2018</b> , 123, 2371-2386	4.4	36
85	Differences in Meteorological Conditions between Days with Persistent and Non-Persistent Pollution in Beijing, China. <i>Journal of Meteorological Research</i> , <b>2018</b> , 32, 81-98	2.3	4
84	Wet-to-dry shift over Southwest China in 1994 tied to the warming of tropical warm pool. <i>Climate Dynamics</i> , <b>2018</b> , 51, 3111-3123	4.2	33

83	Responses of the Tropical Atmospheric Circulation to Climate Change and Connection to the Hydrological Cycle. <i>Annual Review of Earth and Planetary Sciences</i> , <b>2018</b> , 46, 549-580	15.3	23
82	The role of shallow convection in promoting the northward propagation of boreal summer intraseasonal oscillation. <i>Theoretical and Applied Climatology</i> , <b>2018</b> , 131, 1387-1395	3	6
81	The performance of multiple datasets in characterizing the changes of extreme air temperature over China during 1979 to 2012. <i>Theoretical and Applied Climatology</i> , <b>2018</b> , 133, 619-632	3	4
80	Structure and dynamics of a wave train along the wintertime Asian jet and its impact on East Asian climate. <i>Climate Dynamics</i> , <b>2018</b> , 51, 4123-4137	4.2	44
79	Changes in the East Asian summer monsoon rainfall under global warming: moisture budget decompositions and the sources of uncertainty. <i>Climate Dynamics</i> , <b>2018</b> , 51, 1363-1373	4.2	25
78	Interannual variation of precipitation over the Hengduan Mountains during rainy season. <i>International Journal of Climatology</i> , <b>2018</b> , 38, 2112-2125	3.5	15
77	The dependence on atmospheric resolution of ENSO and related East Asian-western North Pacific summer climate variability in a coupled model. <i>Theoretical and Applied Climatology</i> , <b>2018</b> , 133, 1207-1217	3	4
76	Dipole Types of Autumn Precipitation Variability Over the Subtropical East Asia-Western Pacific Modulated by Shifting ENSO. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 9123-9130	4.9	4
75	A Train-Like Extreme Multiple Tropical Cyclogenesis Event in the Northwest Pacific in 2004. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 8529-8535	4.9	2
74	Diversity of the Pacific-Japan Pattern among CMIP5 Models: Role of SST Anomalies and Atmospheric Mean Flow. <i>Journal of Climate</i> , <b>2018</b> , 31, 6857-6877	4.4	22
73	The possible physical mechanism for the EAP-ER co-action. <i>Climate Dynamics</i> , <b>2018</b> , 51, 1499-1516	4.2	11
72	Impact of urbanization on summer rainfall in Beijing-Tianjin-Hebei metropolis under different climate backgrounds. <i>Theoretical and Applied Climatology</i> , <b>2018</b> , 133, 1093-1106	3	12
71	Low-frequency snow changes over the Tibetan Plateau. <i>International Journal of Climatology</i> , <b>2018</b> , 38, 949-963	3.5	28
70	Divergent El Niño responses to volcanic eruptions at different latitudes over the past millennium. <i>Climate Dynamics</i> , <b>2018</b> , 50, 3799-3812	4.2	37
69	Decadal Ocean Heat Redistribution Since the Late 1990s and Its Association with Key Climate Modes. <i>Climate</i> , <b>2018</b> , 6, 91	3.1	13
68	Different multi-year mean temperature in mid-summer of South China under different 1.5 °C warming scenarios. <i>Scientific Reports</i> , <b>2018</b> , 8, 13794	4.9	2
67	The multidecadal variations of the interannual relationship between the East Asian summer monsoon and ENSO in a coupled model. <i>Climate Dynamics</i> , <b>2018</b> , 51, 1671-1686	4.2	11
66	Spatial and temporal features of summer extreme temperature over China during 1960-2013. <i>Theoretical and Applied Climatology</i> , <b>2017</b> , 128, 821-833	3	16

65	Distinct global warming rates tied to multiple ocean surface temperature changes. <i>Nature Climate Change</i> , <b>2017</b> , 7, 486-491	21.4	47
64	Evolution of surface sensible heat over the Tibetan Plateau under the recent global warming hiatus. <i>Advances in Atmospheric Sciences</i> , <b>2017</b> , 34, 1249-1262	2.9	17
63	Orographically Anchored El Niño Effect on Summer Rainfall in Central China. <i>Journal of Climate</i> , <b>2017</b> , 30, 10037-10045	4.4	40
62	Regional meteorological patterns for heavy pollution events in Beijing. <i>Journal of Meteorological Research</i> , <b>2017</b> , 31, 597-611	2.3	14
61	Asymmetry in summertime atmospheric circulation anomalies over the northwest Pacific during decaying phase of El Niño and La Niña. <i>Climate Dynamics</i> , <b>2017</b> , 49, 2007-2023	4.2	22
60	Changes of the transitional climate zone in East Asia: past and future. <i>Climate Dynamics</i> , <b>2017</b> , 49, 1463-1477	4.7	36
59	Three centuries of winter temperature change on the southeastern Tibetan Plateau and its relationship with the Atlantic Multidecadal Oscillation. <i>Climate Dynamics</i> , <b>2017</b> , 49, 1305-1319	4.2	30
58	Understanding and detecting super-extreme droughts in Southwest China through an integrated approach and index. <i>Quarterly Journal of the Royal Meteorological Society</i> , <b>2016</b> , 142, 529-535	6.4	28
57	Observed trends in light precipitation events over global land during 1961-2010. <i>Theoretical and Applied Climatology</i> , <b>2016</b> , 125, 161-173	3	17
56	A study of biases in simulation of the Indian Ocean basin mode and its capacitor effect in CMIP3/CMIP5 models. <i>Climate Dynamics</i> , <b>2016</b> , 46, 205-226	4.2	27
55	An interdecadal shift in the number of hot nights around 1997 over Eastern China. <i>Atmospheric Science Letters</i> , <b>2016</b> , 17, 501-509	2.4	
54	Historical change and future scenarios of sea level rise in Macau and adjacent waters. <i>Advances in Atmospheric Sciences</i> , <b>2016</b> , 33, 462-475	2.9	11
53	Role of delayed deep convection in the Madden-Julian oscillation. <i>Theoretical and Applied Climatology</i> , <b>2016</b> , 126, 313-321	3	3
52	The global warming hiatus: natural product of interactions of a secular warming trend and a multi-decadal oscillation. <i>Theoretical and Applied Climatology</i> , <b>2016</b> , 123, 349-360	3	24
51	Inhomogeneous warming of the Tropical Indian Ocean in the CMIP5 model simulations during 1900-2005 and associated mechanisms. <i>Climate Dynamics</i> , <b>2016</b> , 46, 619-636	4.2	8
50	Relationship between SST anomalies and the intensity of intraseasonal variability. <i>Theoretical and Applied Climatology</i> , <b>2016</b> , 124, 847-854	3	22
49	Internal Variability-Generated Uncertainty in East Asian Climate Projections Estimated with 40 CCSM3 Ensembles. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149968	3.7	5
48	Indo-western Pacific ocean capacitor and coherent climate anomalies in post-ENSO summer: A review. <i>Advances in Atmospheric Sciences</i> , <b>2016</b> , 33, 411-432	2.9	329

47	Role of SST meridional structure in coupling the Kelvin and Rossby waves of the intraseasonal oscillation. <i>Theoretical and Applied Climatology</i> , <b>2015</b> , 121, 623-629	3	3
46	Equatorward shift of the South Asian high in response to anthropogenic forcing. <i>Theoretical and Applied Climatology</i> , <b>2015</b> , 119, 113-122	3	13
45	Changes in the characteristics of precipitation over northern Eurasia. <i>Theoretical and Applied Climatology</i> , <b>2015</b> , 119, 653-665	3	13
44	Interdecadal modulation of ENSO teleconnections to the Indian Ocean Basin Mode and their relationship under global warming in CMIP5 models. <i>International Journal of Climatology</i> , <b>2015</b> , 35, 391-407	2.5	31
43	Temperature trend-altitude relationship in China during 1963-2012. <i>Theoretical and Applied Climatology</i> , <b>2015</b> , 122, 285-294	3	23
42	Teleconnected influence of tropical Northwest Pacific sea surface temperature on interannual variability of autumn precipitation in Southwest China. <i>Climate Dynamics</i> , <b>2015</b> , 45, 2527-2539	4.2	42
41	An Introduction to the Integrated Climate Model of the Center for Monsoon System Research and its simulated influence of El Niño on East Asian-western North Pacific climate. <i>Advances in Atmospheric Sciences</i> , <b>2014</b> , 31, 1136-1146	2.9	12
40	Consistent responses of East Asian summer mean rainfall to global warming in CMIP5 simulations. <i>Theoretical and Applied Climatology</i> , <b>2014</b> , 117, 123-131	3	22
39	Different influences of two types of El Niños on the Indian Ocean SST variations. <i>Theoretical and Applied Climatology</i> , <b>2014</b> , 117, 475-484	3	14
38	Interdecadal Variations in ENSO Influences on Northwest Pacific-East Asian Early Summertime Climate Simulated in CMIP5 Models. <i>Journal of Climate</i> , <b>2014</b> , 27, 5982-5998	4.4	51
37	Cross-season relation of the South China Sea precipitation variability between winter and summer. <i>Climate Dynamics</i> , <b>2014</b> , 43, 193-207	4.2	56
36	Indian Ocean variability in the CMIP5 multi-model ensemble: the zonal dipole mode. <i>Climate Dynamics</i> , <b>2014</b> , 43, 1715-1730	4.2	65
35	Spatial and temporal variations of light rain events over China and the mid-high latitudes of the Northern Hemisphere. <i>Science Bulletin</i> , <b>2013</b> , 58, 1402-1411		27
34	Indian Ocean Dipole Response to Global Warming in the CMIP5 Multimodel Ensemble*. <i>Journal of Climate</i> , <b>2013</b> , 26, 6067-6080	4.4	95
33	Patterns of the seasonal response of tropical rainfall to global warming. <i>Nature Geoscience</i> , <b>2013</b> , 6, 357-361	3.5	213
32	Impacts of tropical Indian Ocean SST on the meridional displacement of East Asian jet in boreal summer. <i>International Journal of Climatology</i> , <b>2012</b> , 32, 2073-2080	3.5	59
31	The role of soil moisture-atmosphere coupling in summer light precipitation variability over East Asia. <i>Atmospheric Science Letters</i> , <b>2012</b> , 13, 296-302	2.4	3
30	An Enhanced Influence of Tropical Indian Ocean on the South Asia High after the Late 1970s. <i>Journal of Climate</i> , <b>2012</b> , 25, 6930-6941	4.4	37

29	The impact of Indian Ocean variability on high temperature extremes across the southern Yangtze River valley in late summer. <i>Advances in Atmospheric Sciences</i> , <b>2012</b> , 29, 91-100	2.9	55
28	Interdecadal change in the relationship of southern China summer rainfall with tropical Indo-Pacific SST. <i>Theoretical and Applied Climatology</i> , <b>2012</b> , 108, 119-133	3	62
27	Critical roles of convective momentum transfer in sustaining the multi-scale Madden-Julian oscillation. <i>Theoretical and Applied Climatology</i> , <b>2012</b> , 108, 471-477	3	12
26	The role of May vegetation greenness on the southeastern Tibetan Plateau for East Asian summer monsoon prediction. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		10
25	Interdecadal modulation of El Niño amplitude during the past millennium. <i>Nature Climate Change</i> , <b>2011</b> , 1, 114-118	21.4	236
24	Relationships between large-scale circulation patterns and carbon dioxide exchange by a deciduous forest. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		4
23	Inter-decadal variability of summer rainfall in Eastern China detected by the Lepage test. <i>Theoretical and Applied Climatology</i> , <b>2011</b> , 106, 481-488	3	49
22	Why do 2-day waves propagate westward?. <i>Theoretical and Applied Climatology</i> , <b>2011</b> , 106, 443-448	3	4
21	The impact of the tropical Indian Ocean on South Asian High in boreal summer. <i>Advances in Atmospheric Sciences</i> , <b>2011</b> , 28, 421-432	2.9	59
20	The interannual variability of summer rainfall in the arid and semiarid regions of Northern China and its association with the northern hemisphere circumglobal teleconnection. <i>Advances in Atmospheric Sciences</i> , <b>2011</b> , 28, 257-268	2.9	69
19	A semi-analytical model for the propagation of Rossby waves in slowly varying flow. <i>Science Bulletin</i> , <b>2011</b> , 56, 2727-2731		2
18	SST-Forced and Internal Variability of the Atmosphere in an Ensemble GCM Simulation. <i>Journal of the Meteorological Society of Japan</i> , <b>2010</b> , 88, 43-62	2.8	4
17	Decadal Shift in El Niño Influences on Indo-Western Pacific and East Asian Climate in the 1970s*. <i>Journal of Climate</i> , <b>2010</b> , 23, 3352-3368	4.4	207
16	Strengthening of Tropical Indian Ocean Teleconnection to the Northwest Pacific since the Mid-1970s: An Atmospheric GCM Study*. <i>Journal of Climate</i> , <b>2010</b> , 23, 5294-5304	4.4	133
15	Role of Air-Sea Interaction in the Long Persistence of El Niño-Induced North Indian Ocean Warming*. <i>Journal of Climate</i> , <b>2009</b> , 22, 2023-2038	4.4	354
14	Indian Ocean Capacitor Effect on Indo-Western Pacific Climate during the Summer following El Niño. <i>Journal of Climate</i> , <b>2009</b> , 22, 730-747	4.4	1182
13	Mudslide-caused ecosystem degradation following Wenchuan earthquake 2008. <i>Geophysical Research Letters</i> , <b>2009</b> , 36,	4.9	28
12	Notes of numerical simulation of summer rainfall in China with a regional climate model REMO. <i>Advances in Atmospheric Sciences</i> , <b>2008</b> , 25, 999-1008	2.9	7



11	Tropical Indian Ocean Basin Warming and East Asian Summer Monsoon: A Multiple AGCM Study. <i>Journal of Climate</i> , <b>2008</b> , 21, 6080-6088	4.4	188
10	Characteristics and variations of the East Asian monsoon system and its impacts on climate disasters in China. <i>Advances in Atmospheric Sciences</i> , <b>2007</b> , 24, 993-1023	2.9	155
9	Analysis and application of multiple-precision computation and round-off error for nonlinear dynamical systems. <i>Advances in Atmospheric Sciences</i> , <b>2006</b> , 23, 758-766	2.9	8
8	CLIMATE VARIATIONS OF THE SUMMER MONSOON OVER CHINA. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , <b>2004</b> , 213-268		40
7	An index measuring the interannual variation of the East Asian summer monsoon—the EAP index. <i>Advances in Atmospheric Sciences</i> , <b>2004</b> , 21, 41-52	2.9	86
6	The East Asian summer monsoon circulation anomaly index and its interannual variations. <i>Science Bulletin</i> , <b>1999</b> , 44, 1325-1329		50
5	Super droughts over East Asia since 1960 under the impacts of global warming and decadal variability. <i>International Journal of Climatology</i> ,	3.5	1
4	Intensification and Northward extension of Northwest Pacific anomalous anticyclone in El Niño decaying mid-summer: an energetic perspective. <i>Climate Dynamics</i> ,1	4.2	5
3	Biases and improvements of the ENSO-East Asian winter monsoon teleconnection in CMIP5 and CMIP6 models. <i>Climate Dynamics</i> ,1	4.2	0
2	Influence of anthropogenic activities on elevation-dependent weakening of annual temperature cycle amplitude over the Tibetan Plateau. <i>Geophysical Research Letters</i> ,	4.9	
1	Understanding Sea Surface Temperature Cooling in the central-east Pacific sector of the Southern Ocean during 1982-2020. <i>Geophysical Research Letters</i> ,	4.9	0