

Weichen Tao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4611996/publications.pdf>

Version: 2024-02-01

140
papers

7,213
citations

94269

37
h-index

62479

80
g-index

145
all docs

145
docs citations

145
times ranked

4274
citing authors

#	ARTICLE	IF	CITATIONS
1	Indian Ocean Capacitor Effect on Indo-Western Pacific Climate during the Summer following El Niño. <i>Journal of Climate</i> , 2009, 22, 730-747.	1.2	1,528
2	Indo-western Pacific ocean capacitor and coherent climate anomalies in post-ENSO summer: A review. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 411-432.	1.9	526
3	Role of Air-Sea Interaction in the Long Persistence of El Niño-Induced North Indian Ocean Warming*. <i>Journal of Climate</i> , 2009, 22, 2023-2038.	1.2	430
4	Patterns of the seasonal response of tropical rainfall to global warming. <i>Nature Geoscience</i> , 2013, 6, 357-361.	5.4	300
5	Interdecadal modulation of El Niño amplitude during the past millennium. <i>Nature Climate Change</i> , 2011, 1, 114-118.	8.1	287
6	Decadal Shift in El Niño Influences on Indo-Western Pacific and East Asian Climate in the 1970s*. <i>Journal of Climate</i> , 2010, 23, 3352-3368.	1.2	241
7	Tropical Indian Ocean Basin Warming and East Asian Summer Monsoon: A Multiple AGCM Study. <i>Journal of Climate</i> , 2008, 21, 6080-6088.	1.2	219
8	Characteristics and variations of the East Asian monsoon system and its impacts on climate disasters in China. <i>Advances in Atmospheric Sciences</i> , 2007, 24, 993-1023.	1.9	204
9	Strengthening of Tropical Indian Ocean Teleconnection to the Northwest Pacific since the Mid-1970s: An Atmospheric GCM Study*. <i>Journal of Climate</i> , 2010, 23, 5294-5304.	1.2	157
10	Indian Ocean Dipole Response to Global Warming in the CMIP5 Multimodel Ensemble*. <i>Journal of Climate</i> , 2013, 26, 6067-6080.	1.2	121
11	An index measuring the interannual variation of the East Asian summer monsoon-The EAP index. <i>Advances in Atmospheric Sciences</i> , 2004, 21, 41-52.	1.9	116
12	The impact of the tropical Indian Ocean on South Asian High in boreal summer. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 421-432.	1.9	93
13	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> , 2011, 28, 257-268.	1.9	88
14	Impacts of tropical Indian Ocean SST on the meridional displacement of East Asian jet in boreal summer. <i>International Journal of Climatology</i> , 2012, 32, 2073-2080.	1.5	80
15	Opposite response of strong and moderate positive Indian Ocean Dipole to global warming. <i>Nature Climate Change</i> , 2021, 11, 27-32.	8.1	79
16	Interdecadal change in the relationship of southern China summer rainfall with tropical Indo-Pacific SST. <i>Theoretical and Applied Climatology</i> , 2012, 108, 119-133.	1.3	78
17	Indian Ocean variability in the CMIP5 multi-model ensemble: the zonal dipole mode. <i>Climate Dynamics</i> , 2014, 43, 1715-1730.	1.7	78
18	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> , 2012, 29, 91-100.	1.9	77

#	ARTICLE	IF	CITATIONS
19	Distinct global warming rates tied to multiple ocean surface temperature changes. <i>Nature Climate Change</i> , 2017, 7, 486-491.	8.1	76
20	Structure and dynamics of a wave train along the wintertime Asian jet and its impact on East Asian climate. <i>Climate Dynamics</i> , 2018, 51, 4123-4137.	1.7	71
21	Influence of Western Tibetan Plateau Summer Snow Cover on East Asian Summer Rainfall. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 2371-2386.	1.2	65
22	Inter-decadal variability of summer rainfall in Eastern China detected by the Lepage test. <i>Theoretical and Applied Climatology</i> , 2011, 106, 481-488.	1.3	64
23	Interdecadal Variations in ENSO Influences on Northwest Pacific East Asian Early Summertime Climate Simulated in CMIP5 Models. <i>Journal of Climate</i> , 2014, 27, 5982-5998.	1.2	64
24	Cross-season relation of the South China Sea precipitation variability between winter and summer. <i>Climate Dynamics</i> , 2014, 43, 193-207.	1.7	63
25	Intensification of El Niño-induced atmospheric anomalies under greenhouse warming. <i>Nature Geoscience</i> , 2021, 14, 377-382.	5.4	60
26	Teleconnected influence of tropical Northwest Pacific sea surface temperature on interannual variability of autumn precipitation in Southwest China. <i>Climate Dynamics</i> , 2015, 45, 2527-2539.	1.7	59
27	Changes of the transitional climate zone in East Asia: past and future. <i>Climate Dynamics</i> , 2017, 49, 1463-1477.	1.7	58
28	The East Asian summer monsoon circulation anomaly index and its interannual variations. <i>Science Bulletin</i> , 1999, 44, 1325-1329.	1.7	57
29	Orographically Anchored El Niño Effect on Summer Rainfall in Central China. <i>Journal of Climate</i> , 2017, 30, 10037-10045.	1.2	54
30	Low-frequency snow changes over the Tibetan Plateau. <i>International Journal of Climatology</i> , 2018, 38, 949-963.	1.5	54
31	An Enhanced Influence of Tropical Indian Ocean on the South Asia High after the Late 1970s. <i>Journal of Climate</i> , 2012, 25, 6930-6941.	1.2	52
32	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> , 2015, 35, 391-407.	1.5	50
33	CLIMATE VARIATIONS OF THE SUMMER MONSOON OVER CHINA. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2004, , 213-268.	0.2	48
34	Divergent El Niño responses to volcanic eruptions at different latitudes over the past millennium. <i>Climate Dynamics</i> , 2018, 50, 3799-3812.	1.7	48
35	Three centuries of winter temperature change on the southeastern Tibetan Plateau and its relationship with the Atlantic Multidecadal Oscillation. <i>Climate Dynamics</i> , 2017, 49, 1305-1319.	1.7	46
36	Responses of the Tropical Atmospheric Circulation to Climate Change and Connection to the Hydrological Cycle. <i>Annual Review of Earth and Planetary Sciences</i> , 2018, 46, 549-580.	4.6	45

#	ARTICLE	IF	CITATIONS
37	Changes in the East Asian summer monsoon rainfall under global warming: moisture budget decompositions and the sources of uncertainty. <i>Climate Dynamics</i> , 2018, 51, 1363-1373.	1.7	45
38	Wet-to-dry shift over Southwest China in 1994 tied to the warming of tropical warm pool. <i>Climate Dynamics</i> , 2018, 51, 3111-3123.	1.7	43
39	Origins of the Excessive Westward Extension of ENSO SST Simulated in CMIP5 and CMIP6 Models. <i>Journal of Climate</i> , 2021, 34, 2839-2851.	1.2	41
40	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> , 2019, 52, 6195-6212.	1.7	38
41	Temperature trend–altitude relationship in China during 1963–2012. <i>Theoretical and Applied Climatology</i> , 2015, 122, 285-294.	1.3	36
42	Understanding and detecting super-extreme droughts in Southwest China through an integrated approach and index. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 529-535.	1.0	34
43	Dependence of regional ocean heat uptake on anthropogenic warming scenarios. <i>Science Advances</i> , 2020, 6, .	4.7	34
44	Mudslide-caused ecosystem degradation following Wenchuan earthquake 2008. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	32
45	The global warming hiatus—a natural product of interactions of a secular warming trend and a multi-decadal oscillation. <i>Theoretical and Applied Climatology</i> , 2016, 123, 349-360.	1.3	32
46	Diversity of the Pacific–Japan Pattern among CMIP5 Models: Role of SST Anomalies and Atmospheric Mean Flow. <i>Journal of Climate</i> , 2018, 31, 6857-6877.	1.2	32
47	Relationship between SST anomalies and the intensity of intraseasonal variability. <i>Theoretical and Applied Climatology</i> , 2016, 124, 847-854.	1.3	31
48	A study of biases in simulation of the Indian Ocean basin mode and its capacitor effect in CMIP3/CMIP5 models. <i>Climate Dynamics</i> , 2016, 46, 205-226.	1.7	31
49	Asymmetry in summertime atmospheric circulation anomalies over the northwest Pacific during decaying phase of El Niño and La Niña. <i>Climate Dynamics</i> , 2017, 49, 2007-2023.	1.7	31
50	Spatial and temporal variations of light rain events over China and the mid-high latitudes of the Northern Hemisphere. <i>Science Bulletin</i> , 2013, 58, 1402-1411.	1.7	30
51	Interannual variation of precipitation over the Hengduan Mountains during rainy season. <i>International Journal of Climatology</i> , 2018, 38, 2112-2125.	1.5	29
52	Effect of the mean flow on the anomalous anticyclone over the Indo-Northwest Pacific in post-El Niño summers. <i>Climate Dynamics</i> , 2019, 53, 5725-5741.	1.7	29
53	Northwest Pacific Anticyclonic Anomalies during Post-El Niño Summers Determined by the Pace of El Niño Decay. <i>Journal of Climate</i> , 2019, 32, 3487-3503.	1.2	29
54	Increased variability of the western Pacific subtropical high under greenhouse warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	29

#	ARTICLE	IF	CITATIONS
55	Consistent responses of East Asian summer mean rainfall to global warming in CMIP5 simulations. <i>Theoretical and Applied Climatology</i> , 2014, 117, 123-131.	1.3	28
56	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> , 2019, 52, 6229-6242.	1.7	27
57	Greenhouse warming intensifies north tropical Atlantic climate variability. <i>Science Advances</i> , 2021, 7, .	4.7	26
58	Spatial and temporal features of summer extreme temperature over China during 1960â€“2013. <i>Theoretical and Applied Climatology</i> , 2017, 128, 821-833.	1.3	25
59	Evolution of surface sensible heat over the Tibetan Plateau under the recent global warming hiatus. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 1249-1262.	1.9	25
60	The possible physical mechanism for the EAPâ€“SR co-action. <i>Climate Dynamics</i> , 2018, 51, 1499-1516.	1.7	25
61	Long-term temperature variability and the incidence of cardiovascular diseases: A large, representative cohort study in China. <i>Environmental Pollution</i> , 2021, 278, 116831.	3.7	25
62	Regional meteorological patterns for heavy pollution events in Beijing. <i>Journal of Meteorological Research</i> , 2017, 31, 597-611.	0.9	23
63	The multidecadal variations of the interannual relationship between the East Asian summer monsoon and ENSO in a coupled model. <i>Climate Dynamics</i> , 2018, 51, 1671-1686.	1.7	21
64	Observed trends in light precipitation events over global land during 1961â€“2010. <i>Theoretical and Applied Climatology</i> , 2016, 125, 161-173.	1.3	20
65	Interâ€“model Spread of the Changes in the East Asian Summer Monsoon System in CMIP5/6 Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, 2020JD033016.	1.2	19
66	Different influences of two types of El NiÃ±os on the Indian Ocean SST variations. <i>Theoretical and Applied Climatology</i> , 2014, 117, 475-484.	1.3	18
67	Decadal Ocean Heat Redistribution Since the Late 1990s and Its Association with Key Climate Modes. <i>Climate</i> , 2018, 6, 91.	1.2	18
68	Elevation-dependent sensible heat flux trend over the Tibetan Plateau and its possible causes. <i>Climate Dynamics</i> , 2019, 52, 3997-4009.	1.7	18
69	Air temperature variability and high-sensitivity C reactive protein in a general population of China. <i>Science of the Total Environment</i> , 2020, 749, 141588.	3.9	18
70	Oceanic Processes in Ocean Temperature Products Key to a Realistic Presentation of Positive Indian Ocean Dipole Nonlinearity. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089396.	1.5	17
71	Equatorward shift of the South Asian high in response to anthropogenic forcing. <i>Theoretical and Applied Climatology</i> , 2015, 119, 113-122.	1.3	16
72	Historical change and future scenarios of sea level rise in Macau and adjacent waters. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 462-475.	1.9	16

#	ARTICLE	IF	CITATIONS
73	Perspective on Landfalling Frequency and Genesis Location Variations of Southern China Typhoon During Peak Summer. <i>Geophysical Research Letters</i> , 2019, 46, 6830-6838.	1.5	16
74	The role of May vegetation greenness on the southeastern Tibetan Plateau for East Asian summer monsoon prediction. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	15
75	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> , 2014, 31, 1136-1146.	1.9	15
76	Changes in the characteristics of precipitation over northern Eurasia. <i>Theoretical and Applied Climatology</i> , 2015, 119, 653-665.	1.3	15
77	Impact of urbanization on summer rainfall in Beijing-Tianjin-Hebei metropolis under different climate backgrounds. <i>Theoretical and Applied Climatology</i> , 2018, 133, 1093-1106.	1.3	15
78	Association of heating fuel types with mortality and cardiovascular events among non-smokers in China. <i>Environmental Pollution</i> , 2021, 291, 118207.	3.7	15
79	A bias-corrected projection for the changes in East Asian summer monsoon rainfall under global warming. <i>Climate Dynamics</i> , 2020, 54, 1-16.	1.7	14
80	Could the Recent Taal Volcano Eruption Trigger an El Niño and Lead to Eurasian Warming?. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 663-670.	1.9	14
81	Intensification and Northward extension of Northwest Pacific anomalous anticyclone in El Niño decaying mid-summer: an energetic perspective. <i>Climate Dynamics</i> , 2022, 58, 591-606.	1.7	14
82	Critical roles of convective momentum transfer in sustaining the multi-scale Madden-Julian oscillation. <i>Theoretical and Applied Climatology</i> , 2012, 108, 471-477.	1.3	13
83	Projections of East Asian summer monsoon under 1.5°C and 2°C warming goals. <i>Theoretical and Applied Climatology</i> , 2019, 137, 2187-2201.	1.3	13
84	Interdecadal Variation of Precipitation over the Hengduan Mountains during Rainy Seasons. <i>Journal of Climate</i> , 2019, 32, 3743-3760.	1.2	12
85	The changes of high-temperature extremes and their links with atmospheric circulation over the Northern Hemisphere. <i>Theoretical and Applied Climatology</i> , 2020, 139, 261-274.	1.3	12
86	Inhomogeneous warming of the Tropical Indian Ocean in the CMIP5 model simulations during 1900-2005 and associated mechanisms. <i>Climate Dynamics</i> , 2016, 46, 619-636.	1.7	11
87	How can CMIP5 AGCMs' resolution influence precipitation in mountain areas: the Hengduan Mountains?. <i>Climate Dynamics</i> , 2020, 54, 159-172.	1.7	11
88	Internal variability in multidecadal trends of surface air temperature over antarctica in austral winter in model simulations. <i>Climate Dynamics</i> , 2020, 55, 2835-2847.	1.7	11
89	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> , 2020, 47, e2020GL087911.	1.5	11
90	Super droughts over East Asia since 1960 under the impacts of global warming and decadal variability. <i>International Journal of Climatology</i> , 2022, 42, 4508-4521.	1.5	11

#	ARTICLE	IF	CITATIONS
91	Differences in Meteorological Conditions between Days with Persistent and Non-Persistent Pollution in Beijing, China. <i>Journal of Meteorological Research</i> , 2018, 32, 81-98.	0.9	10
92	Left ventricular diastolic dysfunction and cardiovascular disease in different ambient air pollution conditions: A prospective cohort study. <i>Science of the Total Environment</i> , 2022, 831, 154872.	3.9	10
93	Dipole Types of Autumn Precipitation Variability Over the Subtropical East Asia–Western Pacific Modulated by Shifting ENSO. <i>Geophysical Research Letters</i> , 2018, 45, 9123-9130.	1.5	9
94	Temporal and spatial variation of the transitional climate zone in summer during 1961–2018. <i>International Journal of Climatology</i> , 2021, 41, 1633-1648.	1.5	9
95	Analysis and application of multiple-precision computation and round-off error for nonlinear dynamical systems. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 758-766.	1.9	8
96	Observed rainfall asymmetry of tropical cyclone in the process of making landfall in Guangdong, south China. <i>International Journal of Climatology</i> , 2019, 39, 3379-3395.	1.5	8
97	Contributions to the Interannual Summer Rainfall Variability in the Mountainous Area of Central China and Their Decadal Changes. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 259-268.	1.9	8
98	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> , 2020, 33, 8737-8749.	1.2	8
99	Biases and improvements of the ENSO-East Asian winter monsoon teleconnection in CMIP5 and CMIP6 models. <i>Climate Dynamics</i> , 2022, 59, 2467-2480.	1.7	8
100	Notes of numerical simulation of summer rainfall in China with a regional climate model REMO. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 999-1008.	1.9	7
101	The CO ₂ -induced sensible heat changes over the Tibetan Plateau from November to April. <i>Climate Dynamics</i> , 2019, 53, 5623-5635.	1.7	7
102	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> , 2020, 47, e2020GL089519.	1.5	7
103	The impact of secondary inorganic aerosol emissions change on surface air temperature in the Northern Hemisphere. <i>Theoretical and Applied Climatology</i> , 2020, 141, 857-868.	1.3	7
104	Dominant modes of interannual variability in precipitation over the Hengduan Mountains during rainy seasons. <i>International Journal of Climatology</i> , 2021, 41, 2795-2809.	1.5	7
105	Responses of global monsoon and seasonal cycle of precipitation to precession and obliquity forcing. <i>Climate Dynamics</i> , 2021, 56, 3733-3747.	1.7	7
106	Relationships between large-scale circulation patterns and carbon dioxide exchange by a deciduous forest. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	6
107	The role of shallow convection in promoting the northward propagation of boreal summer intraseasonal oscillation. <i>Theoretical and Applied Climatology</i> , 2018, 131, 1387-1395.	1.3	6
108	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> , 2018, 133, 619-632.	1.3	6

#	ARTICLE	IF	CITATIONS
109	A Train-Like Extreme Multiple Tropical Cyclogenesis Event in the Northwest Pacific in 2004. <i>Geophysical Research Letters</i> , 2018, 45, 8529-8535.	1.5	6
110	CO ₂ -induced heat source changes over the Tibetan Plateau in boreal summer-part II: the effects of CO ₂ direct radiation and uniform sea surface warming. <i>Climate Dynamics</i> , 2020, 55, 1631-1647.	1.7	6
111	Surface Temperature Changes Projected by FGOALS Models under Low Warming Scenarios in CMIP5 and CMIP6. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 203-220.	1.9	6
112	Evolving AMOC multidecadal variability under different CO ₂ forcings. <i>Climate Dynamics</i> , 2021, 57, 593-610.	1.7	6
113	Internal Variability-Generated Uncertainty in East Asian Climate Projections Estimated with 40 CCSM3 Ensembles. <i>PLoS ONE</i> , 2016, 11, e0149968.	1.1	6
114	Increasing 2020-Like Boreal Summer Rainfall Extremes Over Northeast Indian Subcontinent Under Greenhouse Warming. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	6
115	SST-Forced and Internal Variability of the Atmosphere in an Ensemble GCM Simulation. <i>Journal of the Meteorological Society of Japan</i> , 2010, 88, 43-62.	0.7	5
116	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> , 2018, 133, 1207-1217.	1.3	5
117	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> , 2019, 138, 1809-1820.	1.3	5
118	Global Monsoon Changes under the Paris Agreement Temperature Goals in CESM1(CAM5). <i>Advances in Atmospheric Sciences</i> , 2019, 36, 279-291.	1.9	5
119	CO ₂ -induced heat source changes over the Tibetan Plateau in boreal summer-Part I: the total effects of increased CO ₂ . <i>Climate Dynamics</i> , 2020, 55, 1793-1807.	1.7	5
120	Why do 2-day waves propagate westward?. <i>Theoretical and Applied Climatology</i> , 2011, 106, 443-448.	1.3	4
121	Towards a theoretical understanding of multiscalar drought indices based on the relationship between precipitation and standardized precipitation index. <i>Theoretical and Applied Climatology</i> , 2019, 136, 1465-1473.	1.3	4
122	The deep blue day is decreasing in China. <i>Theoretical and Applied Climatology</i> , 2022, 147, 1675-1684.	1.3	4
123	Enhanced Impacts of Indian Ocean Sea Surface Temperature on the Dry/Wet Variations Over Northwest China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	4
124	A semi-analytical model for the propagation of Rossby waves in slowly varying flow. <i>Science Bulletin</i> , 2011, 56, 2727-2731.	1.7	3
125	The role of soil moisture-atmosphere coupling in summer light precipitation variability over East Asia. <i>Atmospheric Science Letters</i> , 2012, 13, 296-302.	0.8	3
126	Role of SST meridional structure in coupling the Kelvin and Rossby waves of the intraseasonal oscillation. <i>Theoretical and Applied Climatology</i> , 2015, 121, 623-629.	1.3	3

#	ARTICLE	IF	CITATIONS
127	Role of delayed deep convection in the Madden-Julian oscillation. <i>Theoretical and Applied Climatology</i> , 2016, 126, 313-321.	1.3	3
128	Decadal Background for Active Extreme Drought Episodes in the Decade of 2010â€“19 over Southeastern Mainland Asia. <i>Journal of Climate</i> , 2022, 35, 2785-2803.	1.2	3
129	Sulfur emissions from consumption by developed and developing countries produce comparable climate impacts. <i>Nature Geoscience</i> , 2022, 15, 184-189.	5.4	3
130	Understanding Sea Surface Temperature Cooling in the Centralâ€“East Pacific Sector of the Southern Ocean During 1982â€“2020. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
131	Different multi-year mean temperature in mid-summer of South China under different 1.5â€‰%Â°C warming scenarios. <i>Scientific Reports</i> , 2018, 8, 13794.	1.6	2
132	The role of internal variability in multi-decadal trends of summer rainfall over East Asiaâ€“Northwest Pacific. <i>Climate Dynamics</i> , 2021, 56, 245-257.	1.7	2
133	Is Preconditioning Effect On Strong Positive Indian Ocean Dipole by a Preceding Central Pacific El NiÃ±o Deterministic?. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092223.	1.5	2
134	Reversal Asymmetry of Rainfall Change Over the Indian Ocean During the Radiative Forcing Increase and Stabilization. <i>Earth's Future</i> , 2021, 9, e2021EF002272.	2.4	2
135	The opposite response of the South Asian high to increasing CO_2 at different heights. <i>Atmospheric Science Letters</i> , 2022, 23, .	0.8	2
136	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> , 2021, 41, E3101.	1.5	1
137	An interdecadal shift in the number of hot nights around 1997 over Eastern China. <i>Atmospheric Science Letters</i> , 2016, 17, 501-509.	0.8	0
138	Influences of West Pacific Sea Surface Temperature on Covarying Eurasian Droughts Since the Little Ice Age. <i>Quaternary</i> , 2020, 3, 16.	1.0	0
139	Discrepant effects of atmospheric adjustments in shaping the spatial pattern of SST anomalies between extreme and moderate El NiÃ±os. <i>Journal of Climate</i> , 2021, , 1-42.	1.2	0
140	Influence of anthropogenic activities on elevationâ€“dependent weakening of annual temperature cycle amplitude over the Tibetan Plateau. <i>Geophysical Research Letters</i> , 0, , .	1.5	0