

# Ping Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9133044/publications.pdf>

Version: 2024-02-01

75  
papers

3,005  
citations

136950

32  
h-index

175258

52  
g-index

75  
all docs

75  
docs citations

75  
times ranked

2141  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variability of Tibetan Spring Snow and Its Associations with the Hemispheric Extratropical Circulation and East Asian Summer Monsoon Rainfall: An Observational Investigation. <i>Journal of Climate</i> , 2007, 20, 3942-3955.	3.2	175
2	An Asian-Pacific teleconnection in summer tropospheric temperature and associated Asian climate variability. <i>Climate Dynamics</i> , 2007, 29, 293-303.	3.8	157
3	Long-Term Changes in Rainfall over Eastern China and Large-Scale Atmospheric Circulation Associated with Recent Global Warming. <i>Journal of Climate</i> , 2010, 23, 1544-1562.	3.2	154
4	Weather and climate effects of the Tibetan Plateau. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 978-992.	4.3	140
5	The Third Atmospheric Scientific Experiment for Understanding the Earth's Atmosphere Coupled System over the Tibetan Plateau and Its Effects. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 757-776.	3.3	128
6	Impacts of thermodynamic processes over the Tibetan Plateau on the Northern Hemispheric climate. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 1679-1693.	0.9	127
7	Climatic features of atmospheric heat source/sink over the Qinghai-Xizang Plateau in 35 years and its relation to rainfall in China. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 858-864.	0.9	115
8	The Sea Ice Extent Anomaly in the North Pacific and Its Impact on the East Asian Summer Monsoon Rainfall. <i>Journal of Climate</i> , 2004, 17, 3434-3447.	3.2	96
9	Interdecadal changes in the relationship between Southern China winter-spring precipitation and ENSO. <i>Climate Dynamics</i> , 2014, 43, 1327-1338.	3.8	92
10	Instrumental temperature series in eastern and central China back to the nineteenth century. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8197-8207.	3.3	88
11	Onset of southwesterly wind over eastern China and associated atmospheric circulation and rainfall. <i>Climate Dynamics</i> , 2007, 28, 797-811.	3.8	83
12	Springtime tropospheric temperature over the Tibetan Plateau and evolutions of the tropical Pacific SST. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	77
13	Remotely modulated tropical-North Pacific ocean-atmosphere interactions by the South Asian high. <i>Atmospheric Research</i> , 2009, 94, 45-60.	4.1	70
14	Trend of Surface Air Temperature in Eastern China and Associated Large-Scale Climate Variability over the Last 100 Years. <i>Journal of Climate</i> , 2014, 27, 4693-4703.	3.2	58
15	A new estimate of the China temperature anomaly series and uncertainty assessment in 1900-2006. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 1-9.	3.3	58
16	A summer teleconnection pattern over the extratropical Northern Hemisphere and associated mechanisms. <i>Climate Dynamics</i> , 2010, 35, 523-534.	3.8	54
17	Relationship between the Asian-Pacific oscillation and the tropical cyclone frequency in the western North Pacific. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 380-385.	0.9	50
18	Asian-Pacific Oscillation index and variation of East Asian summer monsoon over the past millennium. <i>Science Bulletin</i> , 2009, 54, 3768-3771.	1.7	50

#	ARTICLE	IF	CITATIONS
19	Characteristics of decadal-centennial-scale changes in East Asian summer monsoon circulation and precipitation during the Medieval Warm Period and Little Ice Age and in the present day. <i>Science Bulletin</i> , 2011, 56, 3003.	1.7	49
20	Rainy-Season Precipitation over the Sichuan Basin and Adjacent Regions in Southwestern China. <i>Monthly Weather Review</i> , 2015, 143, 383-394.	1.4	49
21	The relation of vegetation over the Tibetan Plateau to rainfall in China during the boreal summer. <i>Climate Dynamics</i> , 2011, 36, 1207-1219.	3.8	45
22	Boreal summer continental monsoon rainfall and hydroclimate anomalies associated with the Asian-Pacific Oscillation. <i>Climate Dynamics</i> , 2012, 39, 1197-1207.	3.8	44
23	An observational analysis of warm-sector rainfall characteristics associated with the 21 July 2012 Beijing extreme rainfall event. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 3274-3291.	3.3	42
24	Analysis of land surface parameters and turbulence characteristics over the Tibetan Plateau and surrounding region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 9540-9560.	3.3	41
25	Inverse correlation between ancient winter and summer monsoons in East Asia?. <i>Science Bulletin</i> , 2009, 54, 3760-3767.	1.7	39
26	Interdecadal Relationships between the Asian-Pacific Oscillation and Summer Climate Anomalies over Asia, North Pacific, and North America during a Recent 100 Years. <i>Journal of Climate</i> , 2011, 24, 4793-4799.	3.2	38
27	Asian Origin of Interannual Variations of Summer Climate over the Extratropical North Atlantic Ocean. <i>Journal of Climate</i> , 2012, 25, 6594-6609.	3.2	38
28	Formation of Snow Cover Anomalies Over the Tibetan Plateau in Cold Seasons. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 4873-4890.	3.3	37
29	The Tibetan Plateau Surface-Atmosphere Coupling System and Its Weather and Climate Effects: The Third Tibetan Plateau Atmospheric Science Experiment. <i>Journal of Meteorological Research</i> , 2019, 33, 375-399.	2.4	36
30	Climatic warming in China during 1901-2015 based on an extended dataset of instrumental temperature records. <i>Environmental Research Letters</i> , 2017, 12, 064005.	5.2	35
31	Paleoclimate modeling in China: A review. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 250-275.	4.3	34
32	Surface energy balance closure at ten sites over the Tibetan plateau. <i>Agricultural and Forest Meteorology</i> , 2018, 259, 317-328.	4.8	34
33	Relative Controls of Asian-Pacific Summer Climate by Asian Land and Tropical-North Pacific Sea Surface Temperature. <i>Journal of Climate</i> , 2011, 24, 4165-4188.	3.2	33
34	Influence of the Asian-Pacific oscillation on spring precipitation over central eastern China. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 575-582.	4.3	32
35	Variability of summertime Tibetan tropospheric temperature and associated precipitation anomalies over the central-eastern Sahel. <i>Climate Dynamics</i> , 2019, 52, 1819-1835.	3.8	31
36	Variations of the winter India-Burma Trough and their links to climate anomalies over southern and eastern Asia. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	30

#	ARTICLE	IF	CITATIONS
37	Links between the thermal condition of the Tibetan Plateau in summer and atmospheric circulation and climate anomalies over the Eurasian continent. <i>Atmospheric Research</i> , 2021, 247, 105212.	4.1	30
38	Linkage between the Asian-Pacific Oscillation and the sea surface temperature in the North Pacific. <i>Science Bulletin</i> , 2010, 55, 1193-1198.	1.7	29
39	Diurnal cycle of summer rainfall in Shandong of eastern China. <i>International Journal of Climatology</i> , 2014, 34, 742-750.	3.5	29
40	Global climate effects of summer Tibetan Plateau. <i>Science Bulletin</i> , 2019, 64, 1-3.	9.0	29
41	Modeling East Asian climate and impacts of atmospheric CO <sub>2</sub> concentration during the Late Cretaceous (66Ma). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 385, 190-201.	2.3	28
42	Possible Effect of the Thermal Condition of the Tibetan Plateau on the Interannual Variability of the Summer Asian-Pacific Oscillation. <i>Journal of Climate</i> , 2017, 30, 9965-9977.	3.2	25
43	Interdecadal variability of Tibetan spring vegetation and its associations with eastern China spring rainfall. <i>International Journal of Climatology</i> , 2010, 30, 856-865.	3.5	24
44	Modeling variations of summer upper tropospheric temperature and associated climate over the Asian Pacific region during the mid-Holocene. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	24
45	Modeling the East Asian Climate During the Late Cretaceous (80 Ma). <i>Earth Science Frontiers</i> , 2009, 16, 226-239.	0.6	23
46	The regional differences of Tibetan convective systems in boreal summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 7289-7299.	3.3	21
47	A 150-year reconstructed summer Asian-Pacific Oscillation index and its association with precipitation over eastern China. <i>Theoretical and Applied Climatology</i> , 2011, 103, 239-248.	2.8	20
48	Preceding Factors of Summer Asian-Pacific Oscillation and the Physical Mechanism for Their Potential Influences. <i>Journal of Climate</i> , 2015, 28, 2531-2543.	3.2	20
49	Modeling the East Asian climate during the last glacial maximum. <i>Science in China Series D: Earth Sciences</i> , 2003, 46, 1060-1068.	0.9	15
50	Modeling impacts of vegetation in western China on the summer climate of northwestern China. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 803-812.	4.3	15
51	Characteristics of the summer atmospheric boundary layer height over the Tibetan Plateau and influential factors. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 5253-5268.	4.9	15
52	Mechanism of formation of low level jets in the South China Sea during spring and summer of 1998. <i>Science Bulletin</i> , 2003, 48, 1265-1270.	1.7	14
53	Investigation of the Variability of Near-Surface Temperature Anomaly and Its Causes Over the Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032800.	3.3	14
54	Modeling impacts of East Asian Ocean-Land thermal contrast on spring southwesterly winds and rainfall in eastern China. <i>Science Bulletin</i> , 2009, 54, 4733-4741.	9.0	13

#	ARTICLE	IF	CITATIONS
55	Snowfall over central-eastern China and Asian atmospheric cold source in January. <i>International Journal of Climatology</i> , 2012, 32, 888-899.	3.5	12
56	Simulating changes of spring Asian-Pacific oscillation and associated atmospheric circulation in the mid-Holocene. <i>International Journal of Climatology</i> , 2013, 33, 529-538.	3.5	12
57	Simulation and Dynamical Prediction of the Summer Asian-Pacific Oscillation and Associated Climate Anomalies by the NCEP CFSv2. <i>Journal of Climate</i> , 2013, 26, 3644-3656.	3.2	12
58	Estimation of Surface Heat Fluxes Over the Central Tibetan Plateau using the Maximum Entropy Production Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 6827-6840.	3.3	12
59	Development and preliminary application of a gridded surface air temperature homogenized dataset for China. <i>Theoretical and Applied Climatology</i> , 2020, 139, 505-516.	2.8	12
60	Extratropical modulation on Asian summer monsoon at precessional bands. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	11
61	Is the Interannual Variability of the Summer Asian-Pacific Oscillation Predictable?. <i>Journal of Climate</i> , 2013, 26, 3865-3876.	3.2	11
62	Role of atmospheric heat source/sink over the Qinghai-Xizang Plateau in quasi-4-year oscillation of atmosphere-land-ocean interaction. <i>Science Bulletin</i> , 2001, 46, 241-245.	1.7	10
63	The Long-Term Change of Latent Heat Flux over the Western Tibetan Plateau. <i>Atmosphere</i> , 2020, 11, 262.	2.3	10
64	Decadal-centennial-scale change in Asian-Pacific summer thermal contrast and solar activity. <i>Science Bulletin</i> , 2011, 56, 3012-3018.	1.7	8
65	Interdecadal change of the middle-upper tropospheric land-sea thermal contrast in the late 1990s and the associated Northern Hemisphere hydroclimate. <i>International Journal of Climatology</i> , 2019, 39, 3271-3281.	3.5	7
66	Precessional forced extratropical North Pacific mode and associated atmospheric dynamics. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 3732-3745.	2.6	6
67	Relative roles of land- and ocean-atmosphere interactions in Asian-Pacific thermal contrast variability at the precessional band. <i>Scientific Reports</i> , 2016, 6, 28349.	3.3	6
68	Climatic factors contributing to interannual and interdecadal variations in the meridional displacement of the East Asian jet stream in boreal winter. <i>Atmospheric Research</i> , 2021, 264, 105864.	4.1	6
69	Potential flaws of interdecadal changes over eastern China around the early 1990s in the National Centers for Environmental Prediction-National Center for Atmospheric Research reanalyses. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	5
70	Observational and modeling studies of impacts of the South China Sea monsoon on the monsoon rainfall in the middle-lower reaches of the Yangtze River during summer. <i>Journal of Meteorological Research</i> , 2012, 26, 176-188.	1.0	5
71	A summer weather index in the East Asian pressure field and associated atmospheric circulation and rainfall. <i>International Journal of Climatology</i> , 2012, 32, 375-386.	3.5	4
72	East Asian-North Indian Ocean thermal contrast and variation in the East Asian summer monsoon for the past 2650 years. <i>Science China Earth Sciences</i> , 2011, 54, 773-779.	5.2	3

#	ARTICLE	IF	CITATIONS
73	Anomalies of Northern Hemisphere ozone associated with a tropopause–lower stratosphere teleconnection during summer. <i>International Journal of Climatology</i> , 2016, 36, 837-846.	3.5	2
74	Responses of the summer Asian-Pacific zonal thermal contrast and the associated evolution of atmospheric circulation to transient orbital changes during the Holocene. <i>Scientific Reports</i> , 2016, 6, 35816.	3.3	2
75	Interdecadal Relationships between the Asian-Pacific Oscillation and Summer Climate Anomalies over Asian, North Pacific and North America during Recent 100 Years. <i>Journal of Climate</i> , 0, , 110415071529000.	3.2	2