

Gang Zeng

List of Publications by Year in descending order

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papers

704
citations

687363

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36
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635
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of PDO and AMO on interdecadal variability in extreme high temperatures in North China over the most recent 40-year period. <i>Climate Dynamics</i> , 2020, 54, 3003-3020.	3.8	86
2	Increased high-temperature extremes and associated population exposure in Africa by the mid-21st century. <i>Science of the Total Environment</i> , 2021, 790, 148162.	8.0	83
3	Changes in Extreme Low Temperature Events over Northern China under 1.5 °C and 2.0 °C Warmer Future Scenarios. <i>Atmosphere</i> , 2019, 10, 1.	2.3	72
4	Changes of the transitional climate zone in East Asia: past and future. <i>Climate Dynamics</i> , 2017, 49, 1463-1477.	3.8	58
5	Future Changes in Extreme High Temperature over China at 1.5°C–5°C Global Warming Based on CMIP6 Simulations. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 253-267.	4.3	52
6	Recent Observed Changes in Extreme High-Temperature Events and Associated Meteorological Conditions over Africa. <i>International Journal of Climatology</i> , 2022, 42, 4522-4537.	3.5	32
7	Changes in extreme temperature events over Africa under 1.5 and 2.0°C global warming scenarios. <i>International Journal of Climatology</i> , 2021, 41, 1506-1524.	3.5	31
8	Interdecadal Variation of Winter Cold Surge Path in East Asia and Its Relationship with Arctic Sea Ice. <i>Journal of Climate</i> , 2020, 33, 4907-4925.	3.2	29
9	Regional changes in extreme heat events in China under stabilized 1.5°C and 2.0°C global warming. <i>Advances in Climate Change Research</i> , 2020, 11, 198-209.	5.1	27
10	Increasing heat risk in China's urban agglomerations. <i>Environmental Research Letters</i> , 2021, 16, 064073.	5.2	27
11	Interdecadal variability of the East Asian Summer Monsoon and associated atmospheric circulations. <i>Advances in Atmospheric Sciences</i> , 2007, 24, 915-926.	4.3	26
12	Atmospheric circulation cells associated with anomalous east Asian winter monsoon. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 913-926.	4.3	22
13	Contribution of external forcings to the observed trend in surface temperature over Africa during 1901–2014 and its future projection from CMIP6 simulations. <i>Atmospheric Research</i> , 2021, 254, 105512.	4.1	21
14	Interdecadal Variations of Different Types of Summer Heat Waves in Northeast China Associated with AMO and PDO. <i>Journal of Climate</i> , 2021, 34, 7783-7797.	3.2	14
15	Autumn Cold Surge Paths over North China and the Associated Atmospheric Circulation. <i>Atmosphere</i> , 2019, 10, 134.	2.3	11
16	Future projections of winter cold surge paths over East Asia from CMIP6 models. <i>International Journal of Climatology</i> , 2021, 41, 1230-1245.	3.5	10
17	Relationship between two types of heat waves in northern East Asia and temperature anomalies in Eastern Europe. <i>Environmental Research Letters</i> , 2021, 16, 024048.	5.2	10
18	Effects of different types of heat wave days on ozone pollution over Beijing-Tianjin-Hebei and its future projection. <i>Science of the Total Environment</i> , 2022, 837, 155762.	8.0	10

#	ARTICLE	IF	CITATIONS
19	Hydroclimate patterns over the Northern Hemisphere when megadroughts occurred in North China during the last millennium. <i>Climatic Change</i> , 2019, 157, 365-385.	3.6	9
20	Comparison of Atmospheric Circulation Anomalies between Dry and Wet Extreme High-Temperature Days in the Middle and Lower Reaches of the Yellow River. <i>Atmosphere</i> , 2021, 12, 1265.	2.3	9
21	Comparison of the influence of two types of cold surge on haze dispersion in eastern China. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 15185-15197.	4.9	9
22	Interannual relationship between displacement and intensity of East Asian jet stream and haze over eastern China in winter. <i>Science of the Total Environment</i> , 2022, 829, 154672.	8.0	9
23	Two spatial types of North China heatwaves and their possible links to <scp>Barentsâ€™Kara</scp> Sea ice changes. <i>International Journal of Climatology</i> , 2022, 42, 6876-6889.	3.5	7
24	Impacts of ENSO on autumn rainfall over Yellow River loop valley in observation: Possible mechanism and stability. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 3110-3119.	3.3	6
25	Connection between interannual variation of spring precipitation in Northeast China and preceding winter sea ice over the Barents Sea. <i>International Journal of Climatology</i> , 2022, 42, 1922-1936.	3.5	6
26	Linkage between interannual variation of winter cold surge over East Asia and autumn sea ice over the Barents Sea. <i>Theoretical and Applied Climatology</i> , 2021, 144, 339-351.	2.8	5
27	Regional Characteristics of Cloud Radiative Effects before and after the South China Sea Summer Monsoon Onset. <i>Journal of Meteorological Research</i> , 2020, 34, 1167-1182.	2.4	5
28	Summer precipitation changes over the Yangtze River Valley and North China: Simulations from CMIP3 models. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2014, 50, 355-364.	2.3	4
29	Non-homogeneous hidden Markov model for downscaling of short rains occurrence in Kenya. <i>Theoretical and Applied Climatology</i> , 2020, 139, 1333-1347.	2.8	3
30	Cold Anomaly Over Nova Zemblaâ€™Ural Mountains: A Precursor for the Summer Longâ€™Lived Heat Wave in Northeast Asia?. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095563.	4.0	3
31	Relationship between Arctic sea ice thickness distribution and climate of China. <i>Journal of Meteorological Research</i> , 2012, 26, 189-204.	1.0	2
32	Enhanced p-selectivity from separation of the mixture containing p-chloronitrobenzene and o-chloronitrobenzene with Sb2O3 modified HZSM-5 zeolite. <i>Adsorption</i> , 2015, 21, 365-371.	3.0	2
33	Characteristics of Strong Cold Air Outbreaks in Chinaâ€™s Central and Eastern Mongolian Region between 1970 and 2013. <i>Atmosphere</i> , 2017, 8, 98.	2.3	2
34	Error inhomogeneity in the computation of spherical mean displacement. <i>Journal of Meteorological Research</i> , 2017, 31, 1133-1148.	2.4	1
35	Intraseasonal Oscillation of Summer Extreme High Temperature in Northeast China and Associated Atmospheric Circulation Anomalies. <i>Atmosphere</i> , 2022, 13, 387.	2.3	1