Binhui Liu

List of Publications by Year
in descending order

29 papers	1,608 citations	430874 18 h-index	477307 29 g-index
29 all docs	29 docs citations	29 times ranked	1770 citing authors

#	Article	IF	Citations
1	A spatial analysis of pan evaporation trends in China, 1955â€“2000. Journal of Geophysical Research, 2004, 109, .	3.3	270
2	Observed trends of precipitation amount, frequency, and intensity in China, 1960â€“2000. Journal of Geophysical Research, 2005, 110, .	3.3	262
3	Taking China's Temperature: Daily Range, Warming Trends, and Regional Variations, 1955â€“2000. Journal of Climate, 2004, 17, 4453-4462.	3.2	238
4	Marshland Loss Warms Local Land Surface Temperature in China. Geophysical Research Letters, 2020, 47, e2020GL087648.	4.0	118
5	Spatiotemporal change of diurnal temperature range and its relationship with sunshine duration and precipitation in China. Journal of Geophysical Research D: Atmospheres, 2014, 119, 13,163.	3.3	108
6	Spatiotemporal change in Chinaâ€™s climatic growing season: 1955â€“2000. Climatic Change, 2010, 99, 93-118.	3.6	63
7	Spatiotemporal variation in vegetation spring phenology and its response to climate change in freshwater marshes of Northeast China. Science of the Total Environment, 2019, 666, 1169-1177.	8.0	59
8	Asymmetric Impacts of Diurnal Warming on Vegetation Carbon Sequestration of Marshes in the Qinghai Tibet Plateau. Global Biogeochemical Cycles, 2022, 36, .	4.9	57
9	Where have all the showers gone? Regional declines in light precipitation events in China, 1960â€“2000. International Journal of Climatology, 2011, 31, 1177-1191.	3.5	52
10	Weak Cooling of Cold Extremes Versus Continued Warming of Hot Extremes in China During the Recent Global Surface Warming Hiatus. Journal of Geophysical Research D: Atmospheres, 2018, 123, 4073-4087.	3.3	46
11	Effects of land use/land cover on diurnal temperature range in the temperate grassland region of China. Science of the Total Environment, 2017, 575, 1211-1218.	8.0	42
12	Spatiotemporal change in China's frost days and frostâ€free season, 1955â€“2000. Journal of Geophysical Research, 2008, 113, .	3.3	35
13	Impacts of grassland types and vegetation cover changes on surface air temperature in the regions of temperate grassland of China. Theoretical and Applied Climatology, 2016, 126, 141-150.	2.8	28
14	Maximum and Minimum Soil Surface Temperature Trends Over China, 1965â€“2014. Journal of Geophysical Research D: Atmospheres, 2018, 123, 2004-2016.	3.3	25
15	Spatiotemporal Change of Marsh Vegetation and Its Response to Climate Change in China From 2000 to 2019. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG006154.	3.0	23
16	Using GIMMS NDVI time series to estimate the impacts of grassland vegetation cover on surface air temperatures in the temperate grassland region of China. Remote Sensing Letters, 2016, 7, 229-238.	1.4	21
17	Impact of Climate Change on Temperate and Alpine Grasslands in China during 1982â€“2006. Advances in Meteorology, 2015, 2015, 1-10.	1.6	20
18	Spatial and temporal changes in daily temperature extremes in China during 1960â€“2011. Theoretical and Applied Climatology, 2017, 130, 933-943.	2.8	20

#	Article	IF	Citations
19	Changes in the timing, length and heating degree days of the heating season in central heating zone of China. Scientific Reports, 2016, 6, 33384.	3.3	18
20	Observed changes in precipitation on the wettest days of the year in China, 1960â€“2000. International Journal of Climatology, 2011, 31, 487-503.	3.5	15
21	Asymmetric Soil Warming under Global Climate Change. International Journal of Environmental Research and Public Health, 2019, 16, 1504.	2.6	13
22	Observed changes in dry day frequency and prolonged dry episodes in Northeast China. International Journal of Climatology, 2015, 35, 196-214.	3.5	12
23	Grassland greening impacts on global land surface temperature. Science of the Total Environment, 2022, 838, 155851.	8.0	12
24	Effect of grassland vegetation on diurnal temperature range in Chinaâ€™s temperate grassland region. Ecological Engineering, 2016, 97, 292-296.	3.6	11
25	Climatology and trends of air and soil surface temperatures in the temperate steppe region of North China. International Journal of Climatology, 2017, 37, 1199-1209.	3.5	11
26	Shelterbelt Structure and Crop Protection from Increased Typhoon Activity in Northeast China. Agriculture (Switzerland), 2021, 11, 995.	3.1	11
27	Warming across decades and deciles: minimum and maximum daily temperatures in China, 1955â€“2014. International Journal of Climatology, 2018, 38, 2325-2332.	3.5	9
28	Climatology of the Soil Surface Diurnal Temperature Range in a Warming World: Annual Cycles, Regional Patterns, and Trends in China. Earth's Future, 2022, 10, e2021EF002220.	6.3	5
29	Directional Variability in Response of Pinus koraiensis Radial Growth to Climate Change. Forests, 2021, 12, 1684.	2.1	4