

# Minghu Ding

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2942080/publications.pdf>

Version: 2024-02-01

39  
papers

541  
citations

759233

12  
h-index

713466

21  
g-index

53  
all docs

53  
docs citations

53  
times ranked

763  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tropical teleconnection impacts on Antarctic climate changes. <i>Nature Reviews Earth &amp; Environment</i> , 2021, 2, 680-698.	29.7	85
2	A Comparison of Antarctic Ice Sheet Surface Mass Balance from Atmospheric Climate Models and In Situ Observations. <i>Journal of Climate</i> , 2016, 29, 5317-5337.	3.2	57
3	Widespread Albedo Decreasing and Induced Melting of Himalayan Snow and Ice in the Early 21st Century. <i>PLoS ONE</i> , 2015, 10, e0126235.	2.5	53
4	An assessment of recent global atmospheric reanalyses for Antarctic near surface air temperature. <i>Atmospheric Research</i> , 2019, 226, 181-191.	4.1	34
5	A 2680 year volcanic record from the D401 East Antarctic ice core. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	31
6	Observed and modelled ice temperature and velocity along the main flowline of East Rongbuk Glacier, Qomolangma (Mount Everest), Himalaya. <i>Journal of Glaciology</i> , 2013, 59, 438-448.	2.2	26
7	Distribution of $\delta^{18}O$ in surface snow along a transect from Zhongshan Station to Dome A, East Antarctica. <i>Science Bulletin</i> , 2010, 55, 2709-2714.	1.7	19
8	Surface mass balance and its climate significance from the coast to Dome A, East Antarctica. <i>Science China Earth Sciences</i> , 2015, 58, 1787-1797.	5.2	18
9	Variations in stable hydrogen and oxygen isotopes in atmospheric water vapor in the marine boundary layer across a wide latitude range. <i>Journal of Environmental Sciences</i> , 2014, 26, 2266-2276.	6.1	17
10	The Surface Energy Balance at Panda 1 Station, Princess Elizabeth Land: A Typical Katabatic Wind Region in East Antarctica. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD030378.	3.3	15
11	Trends and spatial variation in rain-on-snow events over the Arctic Ocean during the early melt season. <i>Cryosphere</i> , 2021, 15, 883-895.	3.9	15
12	Sea ice surface temperature retrieval from Landsat 8/TIRS: Evaluation of five methods against in situ temperature records and MODIS IST in Arctic region. <i>Remote Sensing of Environment</i> , 2020, 248, 111975.	11.0	14
13	Monsoon Clouds Control the Summer Surface Energy Balance on East Rongbuk Glacier (6,523m Above) Tj ETQq1 1 0.784314 rgBT (D) Atmospheres, 2021, 126, e2020JD033998.	3.3	14
14	Spatial and temporal variability of marine-origin matter along a transect from Zhongshan Station to Dome A, Eastern Antarctica. <i>Journal of Environmental Sciences</i> , 2016, 46, 190-202.	6.1	12
15	Re-assessment of recent (2008–2013) surface mass balance over Dome Argus, Antarctica. <i>Polar Research</i> , 2016, 35, 26133.	1.6	11
16	Towards More Snow Days in Summer since 2001 at the Great Wall Station, Antarctic Peninsula: The Role of the Amundsen Sea Low. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 494-504.	4.3	11
17	Changes in the Proportion of Precipitation Occurring as Rain in Northern Canada during Spring–Summer from 1979–2015. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 1129-1136.	4.3	9
18	An investigation of the thermomechanical features of Laohugou Glacier No. 12 on Qilian Shan, western China, using a two-dimensional first-order flow-band ice flow model. <i>Cryosphere</i> , 2018, 12, 851-866.	3.9	9

#	ARTICLE	IF	CITATIONS
19	On the Differences in Precipitation Type Between the Arctic, Antarctica and Tibetan Plateau. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	9
20	Temperature Inversion and Clouds Over the Arctic Ocean Observed by the 5th Chinese National Arctic Research Expedition. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032136.	3.3	8
21	Dating a 109.9 m ice core from Dome A (East Antarctica) with volcanic records and a firn densification model. <i>Science China Earth Sciences</i> , 2012, 55, 1280-1288.	5.2	7
22	Estimation and Long-term Trend Analysis of Surface Solar Radiation in Antarctica: A Case Study of Zhongshan Station. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1497.	4.3	7
23	Can Temperature Extremes in East Antarctica be Replicated from ERA Interim Reanalysis?. <i>Arctic, Antarctic, and Alpine Research</i> , 2016, 48, 603-621.	1.1	6
24	Arctic has been going through a transition from solid precipitation to liquid precipitation in spring. <i>Chinese Science Bulletin</i> , 2018, 63, 1154-1162.	0.7	6
25	Year-round record of near-surface ozone and O <sub>3</sub> enhancement events (OEEs) at Dome A, East Antarctica. <i>Earth System Science Data</i> , 2020, 12, 3529-3544.	9.9	6
26	New gridded dataset of rainfall erosivity (1950–2020) on the Tibetan Plateau. <i>Earth System Science Data</i> , 2022, 14, 2681-2695.	9.9	6
27	Characteristics of low-level temperature inversions over the Arctic Ocean during the CHINARE 2018 campaign in summer. <i>Atmospheric Environment</i> , 2021, 253, 118333.	4.1	5
28	On the drivers of temperature extremes on the Antarctic Peninsula during austral summer. <i>Climate Dynamics</i> , 2022, 59, 2275-2291.	3.8	5
29	Factors controlling the nitrate in the DT-401 ice core in eastern Antarctica. <i>Science China Earth Sciences</i> , 2013, 56, 1531-1539.	5.2	4
30	The surface energy balance of Austre LovÅnbreen, Svalbard, during the ablation period in 2014. <i>Polar Research</i> , 0, 40, .	1.6	4
31	Increasing Difference in Interannual Summertime Surface Air Temperature Between Interior East Antarctica and the Antarctic Peninsula Under Future Climate Scenarios. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092031.	4.0	2
32	Brief communication: Evaluation of multiple density-dependent empirical snow conductivity relationships in East Antarctica. <i>Cryosphere</i> , 2021, 15, 4201-4206.	3.9	2
33	Potential mechanisms governing the variation in rain/snow frequency over the northern Antarctic Peninsula during austral summer. <i>Atmospheric Research</i> , 2021, 263, 105811.	4.1	2
34	Processes and Mechanisms of Persistent Extreme Rainfall Events in the Antarctic Peninsula during Austral Summer. <i>Journal of Climate</i> , 2022, 35, 3643-3657.	3.2	2
35	Snowdrift effect on snow deposition: Insights from a comparison of a snow pit profile and meteorological observations in east Antarctica. <i>Science China Earth Sciences</i> , 2017, 60, 672-685.	5.2	1
36	Brief communication: An alternative method for estimating the scavenging efficiency of black carbon by meltwater over sea ice. <i>Cryosphere</i> , 2019, 13, 3309-3316.	3.9	1

#	ARTICLE	IF	CITATIONS
37	Spatial and temporal variations of fractionation of stable isotopes in East-Antarctic snow. Journal of Glaciology, 2021, 67, 523-532.	2.2	1
38	Application of Machine Learning for Simulation of Air Temperature at Dome A. Remote Sensing, 2022, 14, 1045.	4.0	1
39	Assessment of MODIS Surface Temperature Products of Greenland Ice Sheet Using In-Situ Measurements. Land, 2022, 11, 593.	2.9	1