

Timo Vihma

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

732
citations

933264

10
h-index

940416

16
g-index

16
all docs

16
docs citations

16
times ranked

1269
citing authors

#	ARTICLE	IF	CITATIONS
1	Divergent consensuses on Arctic amplification influence on midlatitude severe winter weather. <i>Nature Climate Change</i> , 2020, 10, 20-29.	8.1	424
2	Innovative Strategies for Observations in the Arctic Atmospheric Boundary Layer (ISOBAR)â€”The Hailuoto 2017 Campaign. <i>Atmosphere</i> , 2018, 9, 268.	1.0	45
3	Wind Gust Measurement Techniquesâ€”From Traditional Anemometry to New Possibilities. <i>Sensors</i> , 2018, 18, 1300.	2.1	43
4	Effects of the tropospheric large-scale circulation on European winter temperatures during the period of amplified Arctic warming. <i>International Journal of Climatology</i> , 2020, 40, 509-529.	1.5	43
5	Atmospheric moisture transport between mid-latitudes and the Arctic: Regional, seasonal and vertical distributions. <i>International Journal of Climatology</i> , 2019, 39, 2862-2879.	1.5	39
6	The Impact of Radiosounding Observations on Numerical Weather Prediction Analyses in the Arctic. <i>Geophysical Research Letters</i> , 2019, 46, 8527-8535.	1.5	26
7	The Polar Vortex and Extreme Weather: The Beast from the East in Winter 2018. <i>Atmosphere</i> , 2020, 11, 664.	1.0	22
8	Present Temperature, Precipitation, and Rainâ€”onâ€”Snow Climate in Svalbard. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032155.	1.2	18
9	Dominant role of vertical air flows in the unprecedented warming on the Antarctic Peninsula in February 2020. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	16
10	Attribution of late summer early autumn Arctic sea ice decline in recent decades. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	2.6	11
11	Atmospheric Circulation Response to Anomalous Siberian Forcing in October 2016 and its Long-range Predictability. <i>Geophysical Research Letters</i> , 2019, 46, 2800-2810.	1.5	10
12	Sea Ice Changes in the Pacific Sector of the Southern Ocean in Austral Autumn Closely Associated With the Negative Polarity of the South Pacific Oscillation. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092409.	1.5	10
13	Interannual Variability of Atmospheric Conditions and Surface Melt in Greenland in 2000â€”2014. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 10,443.	1.2	9
14	Assessment of Atmospheric Reanalyses With Independent Observations in the Weddell Sea, the Antarctic. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12468-12484.	1.2	9
15	The Impact of the Indian Ocean Basin Mode on Antarctic Sea Ice Concentration in Interannual Time Scales. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	6
16	North Pacific Gyre Oscillation Closely Associated With Spring Arctic Sea Ice Loss During 1998â€”2016. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031962.	1.2	1