

# Tiina Nygård

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6078229/publications.pdf>

Version: 2024-02-01

18  
papers

497  
citations

759055

12  
h-index

839398

18  
g-index

29  
all docs

29  
docs citations

29  
times ranked

883  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in understanding and parameterization of small-scale physical processes in the marine Arctic climate system: a review. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 9403-9450.	1.9	145
2	Characteristics of Arctic low-tropospheric humidity inversions based on radio soundings. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 1959-1971.	1.9	51
3	Trends of Vertically Integrated Water Vapor over the Arctic during 1979â€“2016: Consistent Moistening All Over?. <i>Journal of Climate</i> , 2019, 32, 6097-6116.	1.2	45
4	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
5	Antarctic Low-Tropospheric Humidity Inversions: 10-Yr Climatology. <i>Journal of Climate</i> , 2013, 26, 5205-5219.	1.2	28
6	Horizontal Moisture Transport Dominates the Regional Moistening Patterns in the Arctic. <i>Journal of Climate</i> , 2020, 33, 6793-6807.	1.2	27
7	Arctic Humidity Inversions: Climatology and Processes. <i>Journal of Climate</i> , 2018, 31, 3765-3787.	1.2	26
8	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
9	Validation of eight atmospheric reanalyses in the Antarctic Peninsula region. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 684-692.	1.0	23
10	Strong Dependence of Wintertime Arctic Moisture and Cloud Distributions on Atmospheric Large-Scale Circulation. <i>Journal of Climate</i> , 2019, 32, 8771-8790.	1.2	22
11	Observations of summer turbulent surface fluxes in a High Arctic fjord. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 666-675.	1.0	17
12	Brief Communication: Trends in sea ice extent north of Svalbard and its impact on cold air outbreaks as observed in spring 2013. <i>Cryosphere</i> , 2014, 8, 1757-1762.	1.5	14
13	High-Latitude Dynamics of Atmosphereâ€“Iceâ€“Ocean Interactions. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, ES179-ES182.	1.7	7
14	Air Moisture Climatology and Related Physical Processes in the Antarctic on the Basis of ERA5 Reanalysis. <i>Journal of Climate</i> , 2021, 34, 4463-4480.	1.2	7
15	Properties and temporal variability of summertime temperature inversions over <scp>D</scp>ronning <scp>M</scp>aud <scp>L</scp>and, <scp>A</scp>ntarctica. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 582-595.	1.0	6
16	Winter thermodynamic vertical structure in the Arctic atmosphere linked to large-scale circulation. <i>Weather and Climate Dynamics</i> , 2021, 2, 1263-1282.	1.2	2
17	Evaluation of Three Numerical Weather Prediction Models for the Weddell Sea Region for the Austral Winter 2013. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033389.	1.2	1
18	Influence of springtime atmospheric circulation types on the distribution of air pollutants in the Arctic. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 16593-16608.	1.9	1