

# Anne Morgenstern

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5490555/publications.pdf>

Version: 2024-02-01

20  
papers

1,072  
citations

516215

16  
h-index

794141

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1551  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial analyses of thermokarst lakes and basins in Yedoma landscapes of the Lena Delta. <i>Cryosphere</i> , 2011, 5, 849-867.	1.5	121
2	Deposition and degradation of a volatile-rich layer in Utopia Planitia and implications for climate history on Mars. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	116
3	Observation-based modelling of permafrost carbon fluxes with accounting for deep carbon deposits and thermokarst activity. <i>Biogeosciences</i> , 2015, 12, 3469-3488.	1.3	114
4	Evolution of thermokarst in East Siberian ice-rich permafrost: A case study. <i>Geomorphology</i> , 2013, 201, 363-379.	1.1	92
5	Overview of the MOSAiC expedition: Snow and sea ice. <i>Elementa</i> , 2022, 10, .	1.1	91
6	Thermokarst in Siberian ice-rich permafrost: Comparison to asymmetric scalloped depressions on Mars. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	69
7	Lena Delta hydrology and geochemistry: long-term hydrological data and recent field observations. <i>Biogeosciences</i> , 2015, 12, 345-363.	1.3	69
8	A 16-year record (2002–2017) of permafrost, active-layer, and meteorological conditions at the Samoylov Island Arctic permafrost research site, Lena River delta, northern Siberia: an opportunity to validate remote-sensing data and land surface, snow, and permafrost models. <i>Earth System Science Data</i> , 2019, 11, 261-299.	3.7	69
9	PeRL: a Circum-Arctic Permafrost Region Pond and Lake database. <i>Earth System Science Data</i> , 2017, 9, 317-348.	3.7	62
10	The MOSAiC ice floe: sediment-laden survivor from the Siberian shelf. <i>Cryosphere</i> , 2020, 14, 2173-2187.	1.5	59
11	Terrain controls on the occurrence of coastal retrogressive thaw slumps along the Yukon Coast, Canada. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 1619-1634.	1.0	49
12	Identifying Drivers of Seasonality in Lena River Biogeochemistry and Dissolved Organic Matter Fluxes. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	44
13	Brief Communication: Future avenues for permafrost science from the perspective of early career researchers. <i>Cryosphere</i> , 2015, 9, 1715-1720.	1.5	31
14	Thawing Yedoma permafrost is a neglected nitrous oxide source. <i>Nature Communications</i> , 2021, 12, 7107.	5.8	24
15	Increasing coastal slump activity impacts the release of sediment and organic carbon into the Arctic Ocean. <i>Biogeosciences</i> , 2018, 15, 1483-1495.	1.3	22
16	Thermo-erosional valleys in Siberian ice-rich permafrost. <i>Permafrost and Periglacial Processes</i> , 2021, 32, 59-75.	1.5	18
17	First pan-Arctic assessment of dissolved organic carbon in lakes of the permafrost region. <i>Biogeosciences</i> , 2021, 18, 3917-3936.	1.3	12
18	Distribution of carbon and nitrogen along hillslopes in three valleys on Herschel Island, Yukon Territory, Canada. <i>Catena</i> , 2019, 178, 132-140.	2.2	7

#	ARTICLE	IF	CITATIONS
19	Monitoring permafrost and thermokarst processes with TanDEM-X DEM time series: Opportunities and limitations. , 2016, , .		2
20	The Permafrost Young Researchers Network (PYRN) is getting older: The past, present, and future of our evolving community. Polar Record, 2019, 55, 216-219.	0.4	1