

# Ketil Isaksen

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73  
papers

4,193  
citations

35  
h-index

64  
g-index

90  
ext. papers

5,076  
ext. citations

4.3  
avg, IF

5.28  
L-index

#	Paper	IF	Citations
73	The changing thermal state of permafrost. <i>Nature Reviews Earth &amp; Environment</i> , <b>2022</b> , 3, 10-23	30.2	16
72	Assessment of long-term changes in the surface air temperature from the High Arctic archipelago Franz Joseph Land from 1929 to the present (2017). <i>Czech Polar Reports</i> , <b>2021</b> , 11, 114-133	0.8	0
71	Measured and Modeled Historical Precipitation Trends for Svalbard. <i>Journal of Hydrometeorology</i> , <b>2020</b> , 21, 1279-1296	3.7	8
70	Revisiting the extended Svalbard Airport monthly temperature series, and the compiled corresponding daily series 1898-2018. <i>Polar Research</i> , <b>2020</b> , 39,	2	14
69	Present and future changes in winter climate indices relevant for access disruptions in Troms, northern Norway. <i>Natural Hazards and Earth System Sciences</i> , <b>2020</b> , 20, 1847-1865	3.9	3
68	Twenty years of European mountain permafrost dynamics: the PACE legacy. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 104070	6.2	22
67	Present and future changes in winter climate indices relevant for access disruptions in Troms, northern Norway <b>2019</b> ,		2
66	and infections in Norwegian wild reindeer and red deer populations in relation to summer pasture altitude and climate. <i>International Journal for Parasitology: Parasites and Wildlife</i> , <b>2019</b> , 10, 188-195	2.6	7
65	Permafrost distribution in steep rock slopes in Norway: measurements, statistical modelling and implications for geomorphological processes. <i>Earth Surface Dynamics</i> , <b>2019</b> , 7, 1019-1040	3.8	16
64	Spatiotemporal patterns of rain-on-snow and basal ice in high Arctic Svalbard: detection of a climate-cryosphere regime shift. <i>Environmental Research Letters</i> , <b>2019</b> , 14, 015002	6.2	27
63	Permafrost is warming at a global scale. <i>Nature Communications</i> , <b>2019</b> , 10, 264	17.4	518
62	Recent Acceleration of a Rock Glacier Complex, Bjjet, Norway, Documented by 62 Years of Remote Sensing Observations. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 8314-8323	4.9	35
61	Ground thermal and geomechanical conditions in a permafrost-affected high-latitude rock avalanche site (Polvartinden, northern Norway). <i>Cryosphere</i> , <b>2018</b> , 12, 1531-1550	5.5	10
60	State of the Climate in 2017. <i>Bulletin of the American Meteorological Society</i> , <b>2018</b> , 99, Si-S310	6.1	127
59	Testing and development of transfer functions for weighing precipitation gauges in WMO-SPICE. <i>Hydrology and Earth System Sciences</i> , <b>2018</b> , 22, 1437-1452	5.5	28
58	The quantification and correction of wind-induced precipitation measurement errors. <i>Hydrology and Earth System Sciences</i> , <b>2017</b> , 21, 1973-1989	5.5	80
57	Climate change threatens archaeologically significant ice patches: insights into their age, internal structure, mass balance and climate sensitivity. <i>Cryosphere</i> , <b>2017</b> , 11, 17-32	5.5	16

56	Analysis of single-Alder-shielded and unshielded measurements of mixed and solid precipitation from WMO-SPICE. <i>Hydrology and Earth System Sciences</i> , <b>2017</b> , 21, 3525-3542	5.5	59
55	Permafrost Map for Norway, Sweden and Finland. <i>Permafrost and Periglacial Processes</i> , <b>2017</b> , 28, 359-378	4.2	64
54	Comparative analysis of Russian and Norwegian precipitation gauges, measurements in Barentsburg, Western Spitsbergen. <i>Czech Polar Reports</i> , <b>2017</b> , 7, 45-51	0.8	1
53	Recent warming on Spitsbergen Influence of atmospheric circulation and sea ice cover. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 11,913	4.4	81
52	Changes in Winter Warming Events in the Nordic Arctic Region. <i>Journal of Climate</i> , <b>2016</b> , 29, 6223-6244	4.4	74
51	Climate change and projections for the Barents region: what is expected to change and what will stay the same?. <i>Environmental Research Letters</i> , <b>2016</b> , 11, 054017	6.2	22
50	Air temperature variations and gradients along the coast and fjords of western Spitsbergen. <i>Polar Research</i> , <b>2016</b> , 35, 29878	2	42
49	State of the Climate in 2015. <i>Bulletin of the American Meteorological Society</i> , <b>2016</b> , 97, Si-S275	6.1	114
48	Single Causative Factor for Severe Pneumonia Epizootics in Muskoxen?. <i>EcoHealth</i> , <b>2015</b> , 12, 395-7	3.1	6
47	Derivation of a new continuous adjustment function for correcting wind-induced loss of solid precipitation: results of a Norwegian field study. <i>Hydrology and Earth System Sciences</i> , <b>2015</b> , 19, 951-967	5.5	85
46	The Oslo temperature series 1837-2012: homogeneity testing and temperature analysis. <i>International Journal of Climatology</i> , <b>2015</b> , 35, 3486-3504	3.5	5
45	Long-term temperature trends and variability on Spitsbergen: the extended Svalbard Airport temperature series, 1898-2012. <i>Polar Research</i> , <b>2014</b> , 33, 21349	2	166
44	A statistical approach to represent small-scale variability of permafrost temperatures due to snow cover. <i>Cryosphere</i> , <b>2014</b> , 8, 2063-2074	5.5	49
43	Warmer and wetter winters: characteristics and implications of an extreme weather event in the High Arctic. <i>Environmental Research Letters</i> , <b>2014</b> , 9, 114021	6.2	135
42	Climate and environmental change drives <i>Ixodes ricinus</i> geographical expansion at the northern range margin. <i>Parasites and Vectors</i> , <b>2014</b> , 7, 11	4	77
41	Sea ice metadata for Billefjorden and Grnfjorden, Svalbard. <i>Czech Polar Reports</i> , <b>2014</b> , 4, 129-139	0.8	1
40	Measurements of wind-induced loss of solid precipitation: description of a Norwegian field study <b>2013</b> , 44, 35-43		15
39	Ground Thermal Regime and Permafrost Distribution under a Changing Climate in Northern Norway. <i>Permafrost and Periglacial Processes</i> , <b>2013</b> , 24, 20-38	4.2	45

38	Prevalence of tick borne encephalitis virus in tick nymphs in relation to climatic factors on the southern coast of Norway. <i>Parasites and Vectors</i> , <b>2012</b> , 5, 177	4	59
37	The climatic significance of artefacts related to prehistoric reindeer hunting exposed at melting ice patches in southern Norway. <i>Holocene</i> , <b>2012</b> , 22, 485-496	2.6	19
36	Changes in meteorological variables that can trigger natural hazards in Norway. <i>Climate Research</i> , <b>2012</b> , 55, 153-165	1.6	22
35	Degrading Mountain Permafrost in Southern Norway: Spatial and Temporal Variability of Mean Ground Temperatures, 1999-2009. <i>Permafrost and Periglacial Processes</i> , <b>2011</b> , 22, 361-377	4.2	71
34	Air and Ground Temperature Variations Observed along Elevation and Continentality Gradients in Southern Norway. <i>Permafrost and Periglacial Processes</i> , <b>2011</b> , 22, 343-360	4.2	48
33	Modeling the temperature evolution of Svalbard permafrost during the 20th and 21st century. <i>Cryosphere</i> , <b>2011</b> , 5, 67-79	5.5	70
32	Hair-loss epizootic in moose ( <i>Alces alces</i> ) associated with massive deer ked ( <i>Lipoptena cervi</i> ) infestation. <i>Journal of Wildlife Diseases</i> , <b>2011</b> , 47, 893-906	1.3	28
31	Mountain permafrost: development and challenges of a young research field. <i>Journal of Glaciology</i> , <b>2010</b> , 56, 1043-1058	3.4	113
30	The thermal state of permafrost in the nordic area during the international polar year 2007-2009. <i>Permafrost and Periglacial Processes</i> , <b>2010</b> , 21, 156-181	4.2	210
29	Digital necrobacillosis in Norwegian wild tundra reindeer ( <i>Rangifer tarandus tarandus</i> ). <i>Journal of Comparative Pathology</i> , <b>2010</b> , 143, 29-38	1	18
28	Permafrost and climate in Europe: Monitoring and modelling thermal, geomorphological and geotechnical responses. <i>Earth-Science Reviews</i> , <b>2009</b> , 92, 117-171	10.2	419
27	Spatial and temporal variations of Norwegian geohazards in a changing climate, the GeoExtreme Project. <i>Natural Hazards and Earth System Sciences</i> , <b>2008</b> , 8, 893-904	3.9	28
26	Fatal pneumonia epizootic in musk ox ( <i>Ovibos moschatus</i> ) in a period of extraordinary weather conditions. <i>EcoHealth</i> , <b>2008</b> , 5, 213-23	3.1	45
25	Solifluction processes in an area of seasonal ground freezing, Dovrefjell, Norway. <i>Permafrost and Periglacial Processes</i> , <b>2008</b> , 19, 31-47	4.2	34
24	Recent warming of mountain permafrost in Svalbard and Scandinavia. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		115
23	Recent extreme near-surface permafrost temperatures on Svalbard in relation to future climate scenarios. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4.9	58
22	Field instrumentation for real-time monitoring of periglacial solifluction. <i>Permafrost and Periglacial Processes</i> , <b>2007</b> , 18, 105-114	4.2	27
21	Composition and internal structures of a rock glacier on the strandflat of western Spitsbergen, Svalbard. <i>Norsk Geografisk Tidsskrift</i> , <b>2005</b> , 59, 139-148	0.9	13

20	Geophysical surveys designed to delineate the altitudinal limit of mountain permafrost: an example from Jotunheimen, Norway. <i>Permafrost and Periglacial Processes</i> , <b>2004</b> , 15, 191-205	4.2	55
19	Terrain analyses and surface velocity measurements of the Hiorthfjellet rock glacier, Svalbard. <i>Permafrost and Periglacial Processes</i> , <b>2003</b> , 14, 359-365	4.2	18
18	Warming permafrost in European mountains. <i>Global and Planetary Change</i> , <b>2003</b> , 39, 215-225	4.2	159
17	Mountain permafrost distribution in Dovrefjell and Jotunheimen, southern Norway, based on BTS and DC resistivity tomography data. <i>Norsk Geografisk Tidsskrift</i> , <b>2002</b> , 56, 122-136	0.9	94
16	Geometry and dynamics of two lobe-shaped rock glaciers in the permafrost of Svalbard. <i>Norsk Geografisk Tidsskrift</i> , <b>2002</b> , 56, 152-160	0.9	25
15	Three deep Alpine-permafrost boreholes in Svalbard and Scandinavia. <i>Permafrost and Periglacial Processes</i> , <b>2001</b> , 12, 13-25	4.2	103
14	Applicability of frequency-domain and time-domain electromagnetic methods for mountain permafrost studies. <i>Permafrost and Periglacial Processes</i> , <b>2001</b> , 12, 39-52	4.2	48
13	Mapping and modelling the occurrence and distribution of mountain permafrost. <i>Norsk Geografisk Tidsskrift</i> , <b>2001</b> , 55, 186-194	0.9	49
12	Composition, flow and development of two tongue-shaped rock glaciers in the permafrost of Svalbard. <i>Permafrost and Periglacial Processes</i> , <b>2000</b> , 11, 241-257	4.2	82
11	Rock Glaciers on Prins Karls Forland. II: GPR Soundings and the Development of Internal Structures. <i>Permafrost and Periglacial Processes</i> , <b>2000</b> , 11, 357-369	4.2	67
10	Ground surface-temperature reconstruction based on data from a deep borehole in permafrost at Janssonhaugen, Svalbard. <i>Annals of Glaciology</i> , <b>2000</b> , 31, 287-294	2.5	53
9	Deep permafrost boreholes in western Svalbard, northern Sweden and southern Norway. <i>Norsk Geografisk Tidsskrift</i> , <b>2000</b> , 54, 186-191	0.9	31
8	Comparison of BTS and Landsat TM data from Jotunheimen, southern Norway. <i>Norsk Geografisk Tidsskrift</i> , <b>1999</b> , 53, 226-233	0.9	21
7	GPR soundings of rock glaciers on Svalbard		172-177
6	Derivation of a new continuous adjustment function for correcting wind-induced loss of solid precipitation: results of a Norwegian field study		4
5	Impacts of extreme weather events on transport infrastructure in Norway		2
4	Modelling past and future permafrost conditions in Svalbard		1
3	A statistical approach to represent small-scale variability of permafrost temperatures due to snow cover		4

2	Errors and adjustments for single-Alter shielded and unshielded weighing gauge precipitation measurements from WMO-SPICE		2
1	The impact of weather conditions on everyday cycling with different bike types in parents of young children participating in the CARTOBIKE randomized controlled trial. <i>International Journal of Sustainable Transportation</i> ,1-8	3.6	0