

Ketil Isaksen

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

5,982
citations

76326

40
h-index

95266

68
g-index

90
all docs

90
docs citations

90
times ranked

5979
citing authors

#	ARTICLE	IF	CITATIONS
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> , 2023, 17, 128-135.	4.1	3
2	The changing thermal state of permafrost. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 10-23.	29.7	127
3	Exceptional warming over the Barents area. <i>Scientific Reports</i> , 2022, 12, .	3.3	73
4	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> , 2021, 11, 114-133.	0.6	3
5	Measured and Modeled Historical Precipitation Trends for Svalbard. <i>Journal of Hydrometeorology</i> , 2020, 21, 1279-1296.	1.9	13
6	Twenty years of European mountain permafrost dynamics—the PACE legacy. <i>Environmental Research Letters</i> , 2020, 15, 104070.	5.2	50
7	Revisiting the extended Svalbard Airport monthly temperature series, and the compiled corresponding daily series 1898–2018. <i>Polar Research</i> , 2020, 39, .	1.6	39
8	Present and future changes in winter climate indices relevant for access disruptions in Troms, northern Norway. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 1847-1865.	3.6	4
9	<i>Elaphostrongylus</i> and <i>Dictyocaulus</i> 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> , 2019, 10, 188-195.	1.5	10
10	Permafrost distribution in steep rock slopes in Norway: measurements, statistical modelling and implications for geomorphological processes. <i>Earth Surface Dynamics</i> , 2019, 7, 1019-1040.	2.4	28
11	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> , 2019, 14, 015002.	5.2	64
12	Permafrost is warming at a global scale. <i>Nature Communications</i> , 2019, 10, 264.	12.8	1,039
13	Ground thermal and geomechanical conditions in a permafrost-affected high-latitude rock avalanche site (Polvartinden, northern Norway). <i>Cryosphere</i> , 2018, 12, 1531-1550.	3.9	18
14	State of the Climate in 2017. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, Si-S310.	3.3	160
15	Testing and development of transfer functions for weighing precipitation gauges in WMO-SPICE. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 1437-1452.	4.9	54
16	Recent Acceleration of a Rock Glacier Complex, Ådjet, Norway, Documented by 62 Years of Remote Sensing Observations. <i>Geophysical Research Letters</i> , 2018, 45, 8314-8323.	4.0	49
17	Tele i endring. <i>Naturen</i> , 2018, 142, 275-281.	0.0	1
18	Permafrost Map for Norway, Sweden and Finland. <i>Permafrost and Periglacial Processes</i> , 2017, 28, 359-378.	3.4	92

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19	The quantification and correction of wind-induced precipitation measurement errors. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 1973-1989.	4.9	119
20	Climate change threatens archaeologically significant ice patches: insights into their age, internal structure, mass balance and climate sensitivity. <i>Cryosphere</i> , 2017, 11, 17-32.	3.9	24
21	Analysis of single-Alter-shielded and unshielded measurements of mixed and solid precipitation from WMO-SPICE. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 3525-3542.	4.9	108
22	Comparative analysis of Russian and Norwegian precipitation gauges, measurements in Barentsburg, Western Spitsbergen. <i>Czech Polar Reports</i> , 2017, 7, 45-51.	0.6	1
23	Climate change and projections for the Barents region: what is expected to change and what will stay the same?. <i>Environmental Research Letters</i> , 2016, 11, 054017.	5.2	28
24	Air temperature variations and gradients along the coast and fjords of western Spitsbergen. <i>Polar Research</i> , 2016, 35, 29878.	1.6	55
25	State of the Climate in 2015. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, Si-S275.	3.3	142
26	Recent warming on Spitsbergen—Influence of atmospheric circulation and sea ice cover. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 11,913.	3.3	112
27	Changes in Winter Warming Events in the Nordic Arctic Region. <i>Journal of Climate</i> , 2016, 29, 6223-6244.	3.2	109
28	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> , 2015, 19, 951-967.	4.9	132
29	The Oslo temperature series 1837-2012: homogeneity testing and temperature analysis. <i>International Journal of Climatology</i> , 2015, 35, 3486-3504.	3.5	7
30	Single Causative Factor for Severe Pneumonia Epizootics in Muskoxen?. <i>EcoHealth</i> , 2015, 12, 395-397.	2.0	6
31	A statistical approach to represent small-scale variability of permafrost temperatures due to snow cover. <i>Cryosphere</i> , 2014, 8, 2063-2074.	3.9	78
32	Warmer and wetter winters: characteristics and implications of an extreme weather event in the High Arctic. <i>Environmental Research Letters</i> , 2014, 9, 114021.	5.2	179
33	Climate and environmental change drives <i>Ixodes ricinus</i> geographical expansion at the northern range margin. <i>Parasites and Vectors</i> , 2014, 7, 11.	2.5	107
34	Long-term temperature trends and variability on Spitsbergen: the extended Svalbard Airport temperature series, 1898–2012. <i>Polar Research</i> , 2014, 33, 21349.	1.6	204
35	Sea ice metadata for Billefjorden and Grnfjorden, Svalbard. <i>Czech Polar Reports</i> , 2014, 4, 129-139.	0.6	1
36	Measurements of wind-induced loss of solid precipitation: description of a Norwegian field study. <i>Hydrology Research</i> , 2013, 44, 35-43.	2.7	24

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37	Ground Thermal Regime and Permafrost Distribution under a Changing Climate in Northern Norway. Permafrost and Periglacial Processes, 2013, 24, 20-38.	3.4	57
38	The climatic significance of artefacts related to prehistoric reindeer hunting exposed at melting ice patches in southern Norway. Holocene, 2012, 22, 485-496.	1.7	32
39	Prevalence of tick borne encephalitis virus in tick nymphs in relation to climatic factors on the southern coast of Norway. Parasites and Vectors, 2012, 5, 177.	2.5	74
40	Changes in meteorological variables that can trigger natural hazards in Norway. Climate Research, 2012, 55, 153-165.	1.1	24
41	Degrading Mountain Permafrost in Southern Norway: Spatial and Temporal Variability of Mean Ground Temperatures, 1999â€“2009. Permafrost and Periglacial Processes, 2011, 22, 361-377.	3.4	87
42	Air and Ground Temperature Variations Observed along Elevation and Continentality Gradients in Southern Norway. Permafrost and Periglacial Processes, 2011, 22, 343-360.	3.4	59
43	Modeling the temperature evolution of Svalbard permafrost during the 20th and 21st century. Cryosphere, 2011, 5, 67-79.	3.9	81
44	HAIR-LOSS EPIZOOTIC IN MOOSE (ALCES ALCES) ASSOCIATED WITH MASSIVE DEER KED (LILOPTENA CERVI) INFESTATION. Journal of Wildlife Diseases, 2011, 47, 893-906.	0.8	38
45	The thermal state of permafrost in the nordic area during the international polar year 2007â€“2009. Permafrost and Periglacial Processes, 2010, 21, 156-181.	3.4	257
46	Digital Necrobacillosis in Norwegian Wild Tundra Reindeer (Rangifer tarandus tarandus). Journal of Comparative Pathology, 2010, 143, 29-38.	0.4	24
47	Mountain permafrost: development and challenges of a young research field. Journal of Glaciology, 2010, 56, 1043-1058.	2.2	147
48	Permafrost and climate in Europe: Monitoring and modelling thermal, geomorphological and geotechnical responses. Earth-Science Reviews, 2009, 92, 117-171.	9.1	499
49	Fatal Pneumonia Epizootic in Musk Ox (Ovibos moschatus) in a Period of Extraordinary Weather Conditions. EcoHealth, 2008, 5, 213-223.	2.0	50
50	Solifluction processes in an area of seasonal ground freezing, Dovrefjell, Norway. Permafrost and Periglacial Processes, 2008, 19, 31-47.	3.4	39
51	Spatial and temporal variations of Norwegian geohazards in a changing climate, the GeoExtreme Project. Natural Hazards and Earth System Sciences, 2008, 8, 893-904.	3.6	35
52	Recent warming of mountain permafrost in Svalbard and Scandinavia. Journal of Geophysical Research, 2007, 112, .	3.3	139
53	Recent extreme nearâ€“surface permafrost temperatures on Svalbard in relation to future climate scenarios. Geophysical Research Letters, 2007, 34, .	4.0	71
54	Field instrumentation for real-time monitoring of periglacial solifluction. Permafrost and Periglacial Processes, 2007, 18, 105-114.	3.4	31

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55	Composition and internal structures of a rock glacier on the strandflat of western Spitsbergen, Svalbard. Norsk Geografisk Tidsskrift, 2005, 59, 139-148.	0.7	18
56	Geophysical surveys designed to delineate the altitudinal limit of mountain permafrost: an example from Jotunheimen, Norway. Permafrost and Periglacial Processes, 2004, 15, 191-205.	3.4	68
57	Terrain analyses and surface velocity measurements of the Hiorthfjellet rock glacier, Svalbard. Permafrost and Periglacial Processes, 2003, 14, 359-365.	3.4	23
58	Warming permafrost in European mountains. Global and Planetary Change, 2003, 39, 215-225.	3.5	186
59	Geometry and dynamics of two lobe-shaped rock glaciers in the permafrost of Svalbard. Norsk Geografisk Tidsskrift, 2002, 56, 152-160.	0.7	31
60	Mountain permafrost distribution in Dovrefjell and Jotunheimen, southern Norway, based on BTS and DC resistivity tomography data. Norsk Geografisk Tidsskrift, 2002, 56, 122-136.	0.7	105
61	Three deep Alpine-permafrost boreholes in Svalbard and Scandinavia. Permafrost and Periglacial Processes, 2001, 12, 13-25.	3.4	121
62	Applicability of frequency-domain and time-domain electromagnetic methods for mountain permafrost studies. Permafrost and Periglacial Processes, 2001, 12, 39-52.	3.4	54
63	Mapping and modelling the occurrence and distribution of mountain permafrost. Norsk Geografisk Tidsskrift, 2001, 55, 186-194.	0.7	56
64	Composition, flow and development of two tongue-shaped rock glaciers in the permafrost of Svalbard. Permafrost and Periglacial Processes, 2000, 11, 241-257.	3.4	89
65	Rock Glaciers on Prins Karls Forland. II: GPR Soundings and the Development of Internal Structures. Permafrost and Periglacial Processes, 2000, 11, 357-369.	3.4	77
66	Ground surface-temperature reconstruction based on data from a deep borehole in permafrost at Janssonhaugen, Svalbard. Annals of Glaciology, 2000, 31, 287-294.	1.4	62
67	Deep permafrost boreholes in western Svalbard, northern Sweden and southern Norway. Norsk Geografisk Tidsskrift, 2000, 54, 186-191.	0.7	36
68	Comparison of BTS and Landsat TM data from Jotunheimen, southern Norway. Norsk Geografisk Tidsskrift, 1999, 53, 226-233.	0.7	23
69	GPR soundings of rock glaciers on Svalbard. , 0, , 172-177.		1