

Hanne Hvidtfeldt Christiansen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5371825/publications.pdf>

Version: 2024-02-01

66
papers

2,966
citations

201575

27
h-index

168321

53
g-index

67
all docs

67
docs citations

67
times ranked

3289
citing authors

#	ARTICLE	IF	CITATIONS
1	Active layer thickening and controls on interannual variability in the Nordic Arctic compared to the circum-Arctic. <i>Permafrost and Periglacial Processes</i> , 2021, 32, 47-58.	1.5	37
2	Seasonal InSAR Displacements Documenting the Active Layer Freeze and Thaw Progression in Central-Western Spitsbergen, Svalbard. <i>Remote Sensing</i> , 2021, 13, 2977.	1.8	11
3	Global Climate. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, S11-S142.	1.7	36
4	Report from the International Permafrost Association: First Regional Conference on Permafrost in the Southern Hemisphere and future activities. <i>Permafrost and Periglacial Processes</i> , 2020, 31, 454-457.	1.5	0
5	Global Climate. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, S9-S128.	1.7	61
6	Sub-permafrost methane seepage from open-system pingos in Svalbard. <i>Cryosphere</i> , 2020, 14, 3829-3842.	1.5	18
7	Radium isotope fingerprinting of permafrost applications to thawing and intra-permafrost processes. <i>Permafrost and Periglacial Processes</i> , 2019, 30, 104-112.	1.5	2
8	Seasonal dynamics of a permafrost landscape, Adventdalen, Svalbard, investigated by InSAR. <i>Remote Sensing of Environment</i> , 2019, 231, 111236.	4.6	83
9	Report from the International Permafrost Association: Increasing regional activities on a global scale. <i>Permafrost and Periglacial Processes</i> , 2019, 30, 121-125.	1.5	0
10	Seasonal Dynamics of Methane and Carbon Dioxide Evasion From an Open System Pingo: Lagoon Pingo, Svalbard. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	19
11	Late Quaternary sedimentation and permafrost development in a Svalbard fjord valley, Norwegian high Arctic. <i>Sedimentology</i> , 2018, 65, 2531-2558.	1.6	37
12	Combined Geophysical Measurements Provide Evidence for Unfrozen Water in Permafrost in the Adventdalen Valley in Svalbard. <i>Geophysical Research Letters</i> , 2018, 45, 7606-7614.	1.5	34
13	Detection of Ice Wedge Cracking in Permafrost Using Miniature Accelerometers. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 642-657.	1.0	14
14	Comparison of geomorphological field mapping and 2D InSAR mapping of periglacial landscape activity at Nordnesfjellet, northern Norway. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 2147-2156.	1.2	13
15	Geomorphological and cryostratigraphical analyses of the Zackenberg Valley, NE Greenland and significance of Holocene alluvial fans. <i>Geomorphology</i> , 2018, 303, 504-523.	1.1	40
16	Ice wedge polygon dynamics in Svalbard: Lessons from a decade of automated multi-sensor monitoring. <i>Permafrost and Periglacial Processes</i> , 2018, 29, 210-227.	1.5	20
17	Seasonal Arctic Coastal Bluff Dynamics in Adventfjorden, Svalbard. <i>Permafrost and Periglacial Processes</i> , 2017, 28, 18-31.	1.5	14
18	Toward a statistical description of methane emissions from arctic wetlands. <i>Ambio</i> , 2017, 46, 70-80.	2.8	19

#	ARTICLE	IF	CITATIONS
19	Soil Physical and Environmental Conditions Controlling Patterned-Ground Variability at a Continuous Permafrost Site, Svalbard. <i>Permafrost and Periglacial Processes</i> , 2017, 28, 433-445.	1.5	14
20	Permafrost Map for Norway, Sweden and Finland. <i>Permafrost and Periglacial Processes</i> , 2017, 28, 359-378.	1.5	92
21	Soil moisture redistribution and its effect on inter-annual active layer temperature and thickness variations in a dry loess terrace in Adventdalen, Svalbard. <i>Cryosphere</i> , 2017, 11, 635-651.	1.5	31
22	Cryostratigraphy, sedimentology, and the late Quaternary evolution of the Zackenberg River delta, northeast Greenland. <i>Cryosphere</i> , 2017, 11, 1265-1282.	1.5	23
23	Snowpack fluxes of methane and carbon dioxide from high Arctic tundra. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2886-2900.	1.3	26
24	Progress in Understanding the Dynamics, Internal Structure and Palaeoenvironmental Potential of Ice Wedges and Sand Wedges. <i>Permafrost and Periglacial Processes</i> , 2016, 27, 365-376.	1.5	25
25	Land cover classification using high-resolution aerial photography in adventdalen, svalbard. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2015, 97, 473-488.	0.6	26
26	Characterization, Geometry, Temporal Evolution and Controlling Mechanisms of the Jettan Rock-Slide, Northern Norway. , 2015, , 273-278.		4
27	A field-based model of permafrost-controlled rockslide deformation in northern Norway. <i>Geomorphology</i> , 2014, 208, 34-49.	1.1	57
28	Snow cornice dynamics as a control on plateau edge erosion in central Svalbard. <i>Earth Surface Processes and Landforms</i> , 2013, 38, 466-476.	1.2	19
29	Central Svalbard 2000-2011 Meteorological Dynamics and Periglacial Landscape Response. <i>Arctic, Antarctic, and Alpine Research</i> , 2013, 45, 6-18.	0.4	35
30	Ice- and Soil-Wedge Dynamics in the Kapp Linn� Area, Svalbard, Investigated by Two- and Three-dimensional GPR and Ground Thermal and Acceleration Regimes. <i>Permafrost and Periglacial Processes</i> , 2013, 24, 39-55.	1.5	29
31	Arctic rockwall retreat rates estimated using laboratory-calibrated ERT measurements of talus cones in Longyeardalen, Svalbard. <i>Earth Surface Processes and Landforms</i> , 2012, 37, 1542-1555.	1.2	47
32	Mudboil and ice-wedge dynamics investigated by electrical resistivity tomography, ground temperatures and surface movements in svalbard. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2012, 94, 445-457.	0.6	16
33	The "High Arctic Maritime Snow Climate" in Central Svalbard. <i>Arctic, Antarctic, and Alpine Research</i> , 2011, 43, 11-21.	0.4	33
34	Topographical and meteorological control on snow avalanching in the Longyearbyen area, central Svalbard 2006-2009. <i>Geomorphology</i> , 2011, 134, 186-196.	1.1	47
35	The Role of Interannual Climate Variability in Controlling Solifluction Processes, Endalen, Svalbard. <i>Permafrost and Periglacial Processes</i> , 2011, 22, 239-253.	1.5	26
36	Meteorological effects on seasonal displacements of the Å...knes rockslide, western Norway. <i>Landslides</i> , 2011, 8, 1-15.	2.7	31

#	ARTICLE	IF	CITATIONS
37	Permafrost thermal state in the polar Northern Hemisphere during the international polar year 2007–2009: a synthesis. <i>Permafrost and Periglacial Processes</i> , 2010, 21, 106-116.	1.5	625
38	Report from the international permafrost association: Third european conference on permafrost (EUCOP III) in Longyearbyen, Svalbard. <i>Permafrost and Periglacial Processes</i> , 2010, 21, 366-369.	1.5	2
39	High nitrous oxide production from thawing permafrost. <i>Nature Geoscience</i> , 2010, 3, 332-335.	5.4	141
40	Permafrost and climate in Europe: Monitoring and modelling thermal, geomorphological and geotechnical responses. <i>Earth-Science Reviews</i> , 2009, 92, 117-171.	4.0	499
41	Lowland periglacial research: a review of published advances 2003–2007. <i>Permafrost and Periglacial Processes</i> , 2008, 19, 211-235.	1.5	6
42	Holocene slope processes and landforms in the northern Faroe Islands. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2007, 98, 1-13.	0.3	10
43	Field instrumentation for real-time monitoring of periglacial solifluction. <i>Permafrost and Periglacial Processes</i> , 2007, 18, 105-114.	1.5	31
44	Avalanche-derived rock glaciers in Svalbard. <i>Permafrost and Periglacial Processes</i> , 2007, 18, 75-88.	1.5	55
45	Report from the International Permafrost Association: education and outreach for the International Polar Year. <i>Permafrost and Periglacial Processes</i> , 2007, 18, 209-213.	1.5	3
46	Report from the International Permafrost Association. <i>Permafrost and Periglacial Processes</i> , 2006, 17, 377-379.	1.5	6
47	Thermal regime of ice-wedge cracking in Adventdalen, Svalbard. <i>Permafrost and Periglacial Processes</i> , 2005, 16, 87-98.	1.5	74
48	Permafrost in the Gruve-7 mine, Adventdalen, Svalbard. <i>Norsk Geografisk Tidsskrift</i> , 2005, 59, 109-115.	0.3	26
49	Meteorological control on interannual spatial and temporal variations in snow cover and ground thawing in two northeast Greenlandic Circumpolar-Active-Layer-Monitoring(CALM) sites. <i>Permafrost and Periglacial Processes</i> , 2004, 15, 155-169.	1.5	26
50	The geomorphological context and significance of wind-eroded gravels, boulders and outcrops from the coast of Scotland. <i>Scottish Geographical Journal</i> , 2002, 118, 41-57.	0.4	13
51	Holocene environmental reconstruction from deltaic deposits in northeast Greenland. <i>Journal of Quaternary Science</i> , 2002, 17, 145-160.	1.1	67
52	Snow-cover depth, distribution and duration data from northeast Greenland obtained by continuous automatic digital photography. <i>Annals of Glaciology</i> , 2001, 32, 102-108.	2.8	29
53	Windpolish evidence: an important direct indicator of geomorphologically active palaeo-winds. A reply to the discussion by Vandenberghe, Isarin and Renssen. <i>Permafrost and Periglacial Processes</i> , 1999, 10, 203-204.	1.5	9
54	Meteorological observations 1998 at the arctic station, Qeqertarsuaq (69°15'N), Central West Greenland/Active layer monitoring in two Greenlandic permafrost areas: Zackenberg and Disko Island. <i>Geografisk Tidsskrift</i> , 1999, 99, 113-121.	0.4	7

#	ARTICLE	IF	CITATIONS
55	Windpolished boulders as indicators of a late Weichselian wind regime in Denmark in relation to neighbouring areas. Permafrost and Periglacial Processes, 1998, 9, 1-21.	1.5	30
56	Mountain climate and periglacial phenomena in the Faeroe Islands. Permafrost and Periglacial Processes, 1998, 9, 189-211.	1.5	49
57	Nivation forms and processes in unconsolidated sediments, NE Greenland. Earth Surface Processes and Landforms, 1998, 23, 751-760.	1.2	66
58	â€˜Little Ice Ageâ€™ nivation activity in northeast Greenland. Holocene, 1998, 8, 719-728.	0.9	58
59	Windpolished boulders as indicators of a late Weichselian wind regime in Denmark in relation to neighbouring areas. Permafrost and Periglacial Processes, 1998, 9, 1-21.	1.5	1
60	Mountain climate and periglacial phenomena in the Faeroe Islands. Permafrost and Periglacial Processes, 1998, 9, 189-211.	1.5	2
61	A Compilation of Radiocarbon Dates from Disko Bugt, Central West Greenland/Meteorological Observations in 1996 at the Arctic Station, Qeqertarsuaq (Godhavn), Central West Greenland/A Discussion on Pingos in Mellemfjord, Disko, Central West Greenland/Open System Pingos in Mellemfjord, Disko, Central West Greenland: A Reply to Gurney and Worsley. Geografisk Tidsskrift, 1997, 97, 143-159.	0.4	9
62	Effects of nivation on periglacial landscape evolution in western Jutland, Denmark. Permafrost and Periglacial Processes, 1996, 7, 111-138.	1.5	18
63	Moraine Systems in the Faroe Islands: Glaciological and Climatological Implications. Geografisk Tidsskrift, 1996, 96, 21-31.	0.4	18
64	Observations of Open System Pingos in a Marsh Environment, Mellemfjord, Disko, Central West Greenland. Geografisk Tidsskrift, 1995, 95, 42-48.	0.4	19
65	Glacial History and Periglacial Landforms of the Zackenberg area, Northeast Greenland: Preliminary results. Geografisk Tidsskrift, 1993, 93, 19-29.	0.4	24
66	Late Weichselian Periglacial Landforms in the Bjergsted area, north-western Zealand, Denmark. Geografisk Tidsskrift, 1993, 93, 39-48.	0.4	3