

# Dan Hammarlund

## List of Publications by Year in descending order

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74  
papers

3,880  
citations

136885

32  
h-index

123376

61  
g-index

76  
all docs

76  
docs citations

76  
times ranked

3765  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sediment Records Shed Light on Drivers of Decadal Iron Concentration Increase in a Boreal Lake. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	2
2	Synchronous or Not? The Timing of the Younger Dryas and Greenland Stadial-1 Reviewed Using Tephrochronology. <i>Quaternary</i> , 2022, 5, 19.	1.0	3
3	A modern snapshot of the isotopic composition of lacustrine biogenic carbonates â€œ records of seasonal water temperature variability. <i>Biogeosciences</i> , 2022, 19, 2759-2777.	1.3	2
4	The missing pieces for better future predictions in subarctic ecosystems: A TornetrÃ¤sk case study. <i>Ambio</i> , 2021, 50, 375-392.	2.8	6
5	Impacts of long-term land use on terrestrial organic matter input to lakes based on lignin phenols in sediment records from a Swedish forest lake. <i>Science of the Total Environment</i> , 2021, 774, 145517.	3.9	17
6	The lake as an iron sink - new insights on the role of iron speciation. <i>Chemical Geology</i> , 2021, 584, 120529.	1.4	6
7	Quantitative landscape reconstruction and erosion history during the past 1,100 years in the Skogaryd Research Catchment, southern Sweden. <i>Vegetation History and Archaeobotany</i> , 2020, 29, 657-670.	1.0	6
8	A new early Holocene shoreline displacement record for Blekinge, southern Sweden, and implications for underwater archaeology. <i>Boreas</i> , 2019, 48, 57-71.	1.2	6
9	Shoreline Displacement, Coastal Environments and Human Subsistence in the HanÃ¶ Bay Region during The Mesolithic. <i>Quaternary</i> , 2019, 2, 14.	1.0	6
10	Shoreline displacement and human resource utilization in the southern Baltic Basin coastal zone during the early Holocene: New insights from a submerged Mesolithic landscape in south-eastern Sweden. <i>Holocene</i> , 2018, 28, 721-737.	0.9	15
11	A submerged Mesolithic lagoonal landscape in the Baltic Sea, south-eastern Sweden â€œ Early Holocene environmental reconstruction and shore-level displacement based on a multiproxy approach. <i>Quaternary International</i> , 2018, 463, 110-123.	0.7	24
12	Holocene Hydroclimate Variability in Central Scandinavia Inferred from Flood Layers in Contourite Drift Deposits in Lake StorsjÃ¶n. <i>Quaternary</i> , 2018, 1, 2.	1.0	13
13	Seasonal variability in Northern Hemisphere atmospheric circulation during the Medieval Climate Anomaly and the Little Ice Age. <i>Quaternary Science Reviews</i> , 2017, 165, 102-110.	1.4	18
14	The effect of local land-use changes on floristic diversity during the past 1000 years in southern Sweden. <i>Holocene</i> , 2017, 27, 694-711.	0.9	9
15	Delayed maximum northern European summer temperatures during the Last Interglacial as a result of Greenland Ice Sheet melt. <i>Geology</i> , 2017, 45, 23-26.	2.0	7
16	Diatom blooms and associated vegetation shifts in a subarctic peatland: responses to distant volcanic eruptions?. <i>Journal of Quaternary Science</i> , 2016, 31, 723-730.	1.1	2
17	The relative influences of climate and volcanic activity on Holocene lake development inferred from a mountain lake in central Kamchatka. <i>Global and Planetary Change</i> , 2015, 134, 67-81.	1.6	20
18	Historical TOC concentration minima during peak sulfur deposition in two Swedish lakes. <i>Biogeosciences</i> , 2015, 12, 307-322.	1.3	21

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19	Two hundred years of land-use change in the South Swedish Uplands: comparison of historical map-based estimates with a pollen-based reconstruction using the landscape reconstruction algorithm. <i>Vegetation History and Archaeobotany</i> , 2015, 24, 555-570.	1.0	43
20	Holocene climate and environmental change in north-eastern Kamchatka (Russian Far East), inferred from a multi-proxy study of lake sediments. <i>Global and Planetary Change</i> , 2015, 134, 41-54.	1.6	29
21	Late Holocene expansion of Siberian dwarf pine ( <i>Pinus pumila</i> ) in Kamchatka in response to increased snow cover as inferred from lacustrine oxygen-isotope records. <i>Global and Planetary Change</i> , 2015, 134, 91-100.	1.6	21
22	The Holocene environmental history of a small coastal lake on the north-eastern Kamchatka Peninsula. <i>Global and Planetary Change</i> , 2015, 134, 55-66.	1.6	41
23	Distal tephrochronology in volcanic regions: Challenges and insights from Kamchatkan lake sediments. <i>Global and Planetary Change</i> , 2015, 134, 26-40.	1.6	24
24	Holocene environmental changes in southern Kamchatka, Far Eastern Russia, inferred from a pollen and testate amoebae peat succession record. <i>Global and Planetary Change</i> , 2015, 134, 142-154.	1.6	11
25	Late-Holocene expansion of a south Swedish peatland and its impact on marginal ecosystems: Evidence from dendrochronology, peat stratigraphy and palaeobotanical data. <i>Holocene</i> , 2014, 24, 466-476.	0.9	19
26	A database and synthesis of northern peatland soil properties and Holocene carbon and nitrogen accumulation. <i>Holocene</i> , 2014, 24, 1028-1042.	0.9	404
27	Combining limnology and palaeolimnology to investigate recent regime shifts in a shallow, eutrophic lake. <i>Journal of Paleolimnology</i> , 2014, 51, 437-448.	0.8	24
28	Exploring climate forcing of growth depression in subfossil South Swedish bog pines using stable isotopes. <i>Dendrochronologia</i> , 2014, 32, 55-61.	1.0	15
29	Long-term drivers of forest composition in a boreonemoral region: the relative importance of climate and human impact. <i>Journal of Biogeography</i> , 2013, 40, 1524-1534.	1.4	58
30	Lake ecosystem responses to catchment disturbance and airborne pollution: an 800-year perspective in southern Sweden. <i>Journal of Paleolimnology</i> , 2013, 50, 545-560.	0.8	30
31	New evidence of Holocene atmospheric circulation dynamics based on lake sediments from southern Sweden: a link to the Siberian High. <i>Quaternary Science Reviews</i> , 2013, 77, 113-124.	1.4	15
32	Holocene climate variability on the Kola Peninsula, Russian Subarctic, based on aquatic invertebrate records from lake sediments. <i>Quaternary Research</i> , 2013, 79, 350-361.	1.0	14
33	Reconstruction of Holocene lake-level changes in Lake Igelsjön, southern Sweden. <i>Gff</i> , 2013, 135, 162-170.	0.4	5
34	South Swedish bog pines as indicators of Mid-Holocene climate variability. <i>Dendrochronologia</i> , 2012, 30, 93-103.	1.0	40
35	Holocene peatland development and hydrological variability inferred from bog-pine dendrochronology and peat stratigraphy – a case study from southern Sweden. <i>Journal of Quaternary Science</i> , 2012, 27, 553-563.	1.1	45
36	Lake Ecosystem Responses to Holocene Climate Change at the Subarctic Tree-Line in Northern Sweden. <i>Ecosystems</i> , 2010, 13, 393-409.	1.6	40

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37	Development and application of sedimentary pigments for assessing effects of climatic and environmental changes on subarctic lakes in northern Sweden. <i>Journal of Paleolimnology</i> , 2010, 43, 149-169.	0.8	39
38	Wetland development, permafrost history and nutrient cycling inferred from late Holocene peat and lake sediment records in subarctic Sweden. <i>Journal of Paleolimnology</i> , 2010, 44, 327-342.	0.8	69
39	New insights into Holocene atmospheric circulation dynamics in central Scandinavia inferred from oxygen isotope records of lake sediment cellulose. <i>Boreas</i> , 2010, 39, 770-782.	1.2	29
40	Quantifying the relative importance of lake emissions in the carbon budget of a subarctic catchment. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	52
41	Lead Contamination of Subarctic Lakes and Its Response to Reduced Atmospheric Fallout: Can the Recovery Process Be Counteracted by the Ongoing Climate Change?. <i>Environmental Science &amp; Technology</i> , 2010, 44, 2335-2340.	4.6	29
42	Multi-component stable isotope records from Late Weichselian and early Holocene lake sediments at ImioÅki, Poland: palaeoclimatic and methodological implications. <i>Journal of Quaternary Science</i> , 2009, 24, 948-959.	1.1	36
43	Ecosystem responses to increased precipitation and permafrost decay in subarctic Sweden inferred from peat and lake sediments. <i>Global Change Biology</i> , 2009, 15, 1652-1663.	4.2	74
44	Late Holocene effective precipitation variations in the maritime regions of south-west Scandinavia. <i>Quaternary Science Reviews</i> , 2009, 28, 54-64.	1.4	37
45	A sedimentary record of the rise and fall of the metal industry in Bergslagen, south central Sweden. <i>Journal of Paleolimnology</i> , 2008, 39, 463-475.	0.8	9
46	Boreal forest dynamics in north-eastern Sweden during the last 10,000 years based on pollen analysis. <i>Vegetation History and Archaeobotany</i> , 2008, 17, 687-700.	1.0	22
47	South Atlantic island record reveals a South Atlantic response to the 8.2 kyr event. <i>Climate of the Past</i> , 2008, 4, 35-45.	1.3	25
48	Cryptotephra sedimentation processes within two lacustrine sequences from west central Sweden. <i>Holocene</i> , 2007, 17, 319-330.	0.9	77
49	Variations in the isotopic composition of molybdenum in freshwater lake systems. <i>Chemical Geology</i> , 2007, 236, 181-198.	1.4	58
50	Effects of climate, fire and vegetation development on Holocene changes in total organic carbon concentration in three boreal forest lakes in northern Sweden. <i>Biogeosciences</i> , 2007, 4, 975-984.	1.3	37
51	Spatial structure of the 8200 cal yr BP event in northern Europe. <i>Climate of the Past</i> , 2007, 3, 225-236.	1.3	71
52	Late Holocene multi-proxy records of environmental change on the South Atlantic island Tristan da Cunha. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 241, 539-560.	1.0	19
53	Deglacial vegetation succession and Holocene tree-limit dynamics in the Scandes Mountains, west-central Sweden: stratigraphic data compared to megafossil evidence. <i>Review of Palaeobotany and Palynology</i> , 2005, 134, 129-151.	0.8	53
54	Abrupt climatic changes and an unstable transition into a late Holocene Thermal Decline: a multiproxy lacustrine record from southern Sweden. <i>Journal of Quaternary Science</i> , 2005, 20, 349-362.	1.1	55

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55	Low-frequency and high-frequency changes in temperature and effective humidity during the Holocene in south-central Sweden: implications for atmospheric and oceanic forcings of climate. <i>Climate Dynamics</i> , 2005, 25, 285-297.	1.7	162
56	Limnic Responses to Increased Effective Humidity during the 8200-yr BP Cooling Event in Southern Sweden. <i>Journal of Paleolimnology</i> , 2005, 34, 471-480.	0.8	35
57	Last interglacial atmospheric CO <sub>2</sub> changes from stomatal index data and their relation to climate variations. <i>Global and Planetary Change</i> , 2005, 49, 47-62.	1.6	11
58	Holocene climatic and environmental changes inferred from midge records (Diptera: Chironomidae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 897-914.	0.9	60
59	Holocene tephra horizons at Klocka Bog, west-central Sweden: aspects of reproducibility in subarctic peat deposits. <i>Journal of Quaternary Science</i> , 2004, 19, 241-249.	1.1	59
60	Palaeolimnological and sedimentary responses to Holocene forest retreat in the Scandes Mountains, west-central Sweden. <i>Holocene</i> , 2004, 14, 862-876.	0.9	75
61	Stable carbon isotope composition of terrestrial leaves: inter- and intraspecies variability, cellulose and whole-leaf tissue difference, and potential for climate reconstruction. <i>Journal of Quaternary Science</i> , 2003, 18, 583-590.	1.1	16
62	Rapid hydrological changes during the Holocene revealed by stable isotope records of lacustrine carbonates from Lake Igelsjö, southern Sweden. <i>Quaternary Science Reviews</i> , 2003, 22, 353-370.	1.4	221
63	Holocene changes in atmospheric circulation recorded in the oxygen-isotope stratigraphy of lacustrine carbonates from northern Sweden. <i>Holocene</i> , 2002, 12, 339-351.	0.9	179
64	Title is missing!. <i>Journal of Paleolimnology</i> , 2000, 24, 69-79.	0.8	58
65	Holocene Treeline History and Climate Change Across Northern Eurasia. <i>Quaternary Research</i> , 2000, 53, 302-311.	1.0	342
66	Ostracod stable isotope records from a deglacial isolation sequence in southern Sweden. <i>Boreas</i> , 1999, 28, 564-574.	1.2	10
67	Climate and environment during the Younger Dryas (GS-1) as reflected by composite stable isotope records of lacustrine carbonates at Torreberga, southern Sweden. <i>Journal of Quaternary Science</i> , 1999, 14, 17-28.	1.1	63
68	Stratigraphic evidence for a high marine shoreline during the late Weichselian deglaciation on the Kullen Peninsula, southern Sweden. <i>Journal of Quaternary Science</i> , 1999, 14, 223-237.	1.1	38
69	Ostracod stable isotope records from a deglacial isolation sequence in southern Sweden. <i>Boreas</i> , 1999, 28, 564-574.	1.2	3
70	Title is missing!. <i>Journal of Paleolimnology</i> , 1997, 18, 219-233.	0.8	69
71	Synchronized Terrestrial/Atmospheric Deglacial Records Around the North Atlantic. <i>Science</i> , 1996, 274, 1155-1160.	6.0	525
72	Composite stable isotope records from a Late Weichselian lacustrine sequence at Grrenge, Lolland, Denmark: evidence of Allerød and Younger Dryas environments. <i>Boreas</i> , 1996, 25, 8-22.	1.2	28

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73	A late Weichselian stable isotope and Molluscan Stratigraphy from Southern Sweden. Gff, 1994, 116, 235-248.	0.4	18
74	A Late Weichselian stable isotope stratigraphy compared with biostratigraphical data: A case study from southern Sweden. Journal of Quaternary Science, 1994, 9, 13-31.	1.1	50