

# Haflidi Haflidason

## 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.

114  
papers

15,468  
citations

44  
h-index

122  
g-index

122  
ext. papers

16,608  
ext. citations

3.4  
avg, IF

5.78  
L-index

#	Paper	IF	Citations
114	Rapid and sustained environmental responses to global warming: the Paleocene-Eocene Thermal Maximum in the eastern North Sea. <i>Climate of the Past</i> , <b>2021</b> , 17, 1989-2013	3.9	0
113	A new high-resolution stratigraphic and palaeoenvironmental record spanning the End-Permian Mass Extinction and its aftermath in central Spitsbergen, Svalbard. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2020</b> , 554, 109732	2.9	12
112	Northward Shifts in the Polar Front Preceded Bølling and Holocene Warming in Southwestern Scandinavia. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL088153	4.9	2
111	A continuous tephrostratigraphic record from the Labrador Sea spanning the last 65 ka. <i>Journal of Quaternary Science</i> , <b>2020</b> , 35, 855-868	2.3	
110	A 24,000-year ancient DNA and pollen record from the Polar Urals reveals temporal dynamics of arctic and boreal plant communities. <i>Quaternary Science Reviews</i> , <b>2020</b> , 247, 106564	3.9	10
109	Eurasian Ice Sheet collapse was a major source of Meltwater Pulse 1A 14,600 years ago. <i>Nature Geoscience</i> , <b>2020</b> , 13, 363-368	18.3	31
108	The Lastglacial and Holocene seismostratigraphy and sediment distribution of Lake Bolshoye Shchuchye, Polar Ural Mountains, Arctic Russia. <i>Boreas</i> , <b>2019</b> , 48, 452-469	2.4	15
107	Glacial and environmental changes over the last 60'000'years in the Polar Ural Mountains, Arctic Russia, inferred from a high-resolution lake record and other observations from adjacent areas. <i>Boreas</i> , <b>2019</b> , 48, 407-431	2.4	22
106	Seismic stratigraphical record of Lake Levinson-Lessing, Taymyr Peninsula: evidence for ice-sheet dynamics and lake-level fluctuations since the Early Weichselian. <i>Boreas</i> , <b>2019</b> , 48, 470-487	2.4	10
105	Geohazard assessment related to submarine instabilities in Bjørnafjorden, Norway. <i>Geological Society Special Publication</i> , <b>2019</b> , 477, 549-566	1.7	4
104	Persistence of arctic-alpine flora during 24,000 years of environmental change in the Polar Urals. <i>Scientific Reports</i> , <b>2019</b> , 9, 19613	4.9	22
103	Glacial and climate history of the last 24'000'years in the Polar Ural Mountains, Arctic Russia, inferred from partly varved lake sediments. <i>Boreas</i> , <b>2019</b> , 48, 432-443	2.4	13
102	Clitellate worms (Annelida) in lateglacial and Holocene sedimentary DNA records from the Polar Urals and northern Norway. <i>Boreas</i> , <b>2019</b> , 48, 317-329	2.4	7
101	Environmental responses to the 9.7 and 8.2 cold events at two ecotonal sites in the Dovre mountains, mid-Norway. <i>Quaternary Science Reviews</i> , <b>2019</b> , 205, 45-61	3.9	8
100	Extending the known distribution of the Vedde Ash into Siberia: occurrence in lake sediments from the Timan Ridge and the Ural Mountains, northern Russia. <i>Boreas</i> , <b>2019</b> , 48, 444-451	2.4	16
99	Glacigenic sedimentation pulses triggered post-glacial gas hydrate dissociation. <i>Nature Communications</i> , <b>2018</b> , 9, 635	17.4	24
98	Ocean-ice sheet interaction along the SE Nordic Seas margin from 35 to 15 ka BP. <i>Marine Geology</i> , <b>2018</b> , 402, 99-117	3.3	21

97	A climatic trigger for the giant Troll pockmark field in the northern North Sea. <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 464, 24-34	5.3	40
96	Holocene explosive volcanism of the Jan Mayen (island) volcanic province, North-Atlantic. <i>Journal of Volcanology and Geothermal Research</i> , <b>2016</b> , 321, 31-43	2.8	8
95	Postglacial mass movements and depositional environments in a high-latitude fjord system □ Hardangerfjorden, Western Norway. <i>Marine Geology</i> , <b>2016</b> , 379, 157-175	3.3	22
94	Late Weichselian□Holocene evolution of the high-latitude Andøya submarine Canyon, North-Norwegian continental margin. <i>Marine Geology</i> , <b>2015</b> , 363, 1-14	3.3	14
93	Lake Store Finnsjø□□ a key for understanding Lateglacial/early Holocene vegetation and ice sheet dynamics in the central Scandes Mountains. <i>Quaternary Science Reviews</i> , <b>2015</b> , 121, 36-51	3.9	23
92	Ice sheet dynamics on the Lofoten□Vester□en shelf, north Norway, from Late MIS-3 to Heinrich Stadial 1. <i>Quaternary Science Reviews</i> , <b>2015</b> , 119, 136-156	3.9	10
91	Refining the Icelandic tephrochronology of the last glacial period □The deep-sea core PS2644 record from the southern Greenland Sea. <i>Global and Planetary Change</i> , <b>2015</b> , 131, 35-62	4.2	24
90	Late Devensian ice-marginal features in the central North Sea □Processes and chronology. <i>Boreas</i> , <b>2015</b> , 44, 1-13	2.4	34
89	In situ dynamic piezocone penetrometer tests in natural clayey soils □ a reappraisal of strain-rate corrections. <i>Canadian Geotechnical Journal</i> , <b>2014</b> , 51, 272-288	3.2	41
88	Metazoan meiobenthos and nematode assemblages in the Nyegga Region of methane seepage (Norwegian Sea). <i>Russian Journal of Marine Biology</i> , <b>2014</b> , 40, 255-265	0.7	9
87	Origin of shallow submarine mass movements and their glide planes□Bedsedimentological and geotechnical analyses from the continental slope off northern Norway. <i>Journal of Geophysical Research F: Earth Surface</i> , <b>2014</b> , 119, 2335-2360	3.8	38
86	Stability, mobility and failure mechanism for landslides at the upper continental slope off Vester□en, Norway. <i>Marine Geology</i> , <b>2013</b> , 346, 192-207	3.3	34
85	Finneidfjord: a Field Laboratory for Integrated Submarine Slope Stability Assessments and Characterization of Landslide-Prone Sediments: A Review <b>2013</b> ,		1
84	Selection and Treatment of Data for Radiocarbon Calibration: An Update to the International Calibration (IntCal) Criteria. <i>Radiocarbon</i> , <b>2013</b> , 55, 1923-1945	4.6	111
83	IntCal13 and Marine13 Radiocarbon Age Calibration Curves 0□50,000 Years cal BP. <i>Radiocarbon</i> , <b>2013</b> , 55, 1869-1887	4.6	8493
82	Integrated metagenomic and metaproteomic analyses of an ANME-1-dominated community in marine cold seep sediments. <i>Environmental Microbiology</i> , <b>2012</b> , 14, 1333-46	5.2	77
81	Paleoceanographic changes and calcium carbonate dissolution in the central Fram Strait during the last 20 ka. <i>Quaternary Research</i> , <b>2012</b> , 78, 405-416	1.9	47
80	Quaternary denudation of southern Fennoscandia □Evidence from the marine realm. <i>Boreas</i> , <b>2012</b> , 41, 379-390	2.4	16

79	Fine-Scale Community Structure Analysis of ANME in Nyegga Sediments with High and Low Methane Flux. <i>Frontiers in Microbiology</i> , <b>2012</b> , 3, 216	5.7	12
78	Multidisciplinary investigation of a shallow near-shore landslide, Finneidfjord, Norway. <i>Near Surface Geophysics</i> , <b>2012</b> , 10, 267-277	1.6	36
77	Stratigraphic development of the south Vøring margin (Mid-Norway) since early Cenozoic time and its influence on subsurface fluid flow. <i>Marine and Petroleum Geology</i> , <b>2011</b> , 28, 1350-1363	4.7	14
76	A Holocene North Atlantic SST record and regional climate variability. <i>Quaternary Science Reviews</i> , <b>2011</b> , 30, 3181-3195	3.9	33
75	New species of the genus Isorropodon (Bivalvia: Vesicomysidae: Pliocardiinae) from cold methane seeps at Nyegga (Norwegian Sea, Vøring Plateau, Storrega Slide). <i>Journal of the Marine Biological Association of the United Kingdom</i> , <b>2011</b> , 91, 1135-1144	1.1	21
74	New insight into stratification of anaerobic methanotrophs in cold seep sediments. <i>FEMS Microbiology Ecology</i> , <b>2011</b> , 78, 233-43	4.3	55
73	The Cenozoic western Svalbard margin: sediment geometry and sedimentary processes in an area of ultraslow oceanic spreading. <i>Marine Geophysical Researches</i> , <b>2011</b> , 32, 441-453	2.3	11
72	Non-synchronous deposition of North Atlantic Ash Zone II in Greenland ice cores, and North Atlantic and Norwegian Sea sediments: an example of complex glacial-stage tephra transport. <i>Journal of Quaternary Science</i> , <b>2011</b> , 26, 739-745	2.3	17
71	High-resolution seismic stratigraphy, sedimentary processes and the origin of seabed cracks and pockmarks at Nyegga, mid-Norwegian margin. <i>Marine Geology</i> , <b>2011</b> , 284, 28-39	3.3	21
70	Mid- to late-Holocene oxygen isotopes from Voldafjorden, western Norway. <i>Holocene</i> , <b>2011</b> , 21, 897-909	2.6	7
69	The tail of the Storegga Slide: insights from the geochemistry and sedimentology of the Norwegian Basin deposits. <i>Sedimentology</i> , <b>2010</b> , 57, 1409-1429	3.3	5
68	Response of Norwegian Sea temperature to solar forcing since 1000 A.D.. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		36
67	Late Cenozoic geological development of the south Vøring margin, mid-Norway. <i>Marine and Petroleum Geology</i> , <b>2010</b> , 27, 1789-1803	4.7	30
66	Sources of methane inferred from pore-water $\delta^{13}C$ of dissolved inorganic carbon in Pockmark G11, offshore Mid-Norway. <i>Chemical Geology</i> , <b>2010</b> , 275, 127-138	4.2	35
65	The geochemical characteristics of the hydrate-bound gases from the Nyegga pockmark field, Norwegian Sea. <i>Organic Geochemistry</i> , <b>2010</b> , 41, 437-444	3.1	29
64	Norwegian Sea tepthrostratigraphy of marine isotope stages 4 and 5: Prospects and problems for tepthrochronology in the North Atlantic region. <i>Quaternary Science Reviews</i> , <b>2010</b> , 29, 847-864	3.9	65
63	Sedimentary and structural control on pockmark development: Evidence from the Nyegga pockmark field, NW European margin. <i>Geo-Marine Letters</i> , <b>2010</b> , 30, 221-230	1.9	22
62	Norwegian margin outer shelf cracking: a consequence of climate-induced gas hydrate dissociation?. <i>International Journal of Earth Sciences</i> , <b>2010</b> , 99, 207-225	2.2	33

61	Last glacial ice-rafted debris off southwestern Europe: the role of the British-Irish Ice Sheet. <i>Journal of Quaternary Science</i> , <b>2010</b> , 25, 689-699	2.3	22
60	Sedimentary processes and depositional environments in glaciated fjord systems [Evidence from Nordfjord, Norway. <i>Marine Geology</i> , <b>2009</b> , 258, 88-99	3.3	37
59	Middle and Late Weichselian (Devensian) glaciation history of south-western Norway, North Sea and eastern UK. <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 370-380	3.9	102
58	Sedimentation history of the northern North Sea Margin during the last 150 ka. <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 469-483	3.9	25
57	Micromorphological evidence supporting Late Weichselian glaciation of the Northern North Sea. <i>Boreas</i> , <b>2008</b> , 29, 315-328	2.4	34
56	Deglaciation history of the southwestern Fennoscandian Ice Sheet between 15 and 13 14C ka BP. <i>Boreas</i> , <b>2008</b> , 33, 1-17	2.4	66
55	Lake Torfadalsvatn: a high resolution record of the North Atlantic ash zone I and the last glacial-interglacial environmental changes in Iceland. <i>Boreas</i> , <b>2008</b> , 21, 15-22	2.4	113
54	The Skjǫar Tephra, a Younger Dryas marker in North Iceland. <i>Boreas</i> , <b>2008</b> , 21, 23-41	2.4	80
53	Late Weichselian glaciation history of the northern North Sea. <i>Boreas</i> , <b>2008</b> , 23, 1-13	2.4	158
52	Origin of pockmarks and chimney structures on the flanks of the Storegga Slide, offshore Norway. <i>Geo-Marine Letters</i> , <b>2008</b> , 28, 43-51	1.9	73
51	Morphology and morphogenesis of a high-latitude canyon; the Andfjella Canyon, Norwegian Sea. <i>Marine Geology</i> , <b>2007</b> , 246, 68-85	3.3	42
50	Holocene sedimentary processes in the Andfjella Canyon system, north Norway. <i>Marine Geology</i> , <b>2007</b> , 246, 86-104	3.3	17
49	Extreme sediment and ice discharge from marine-based ice streams: New evidence from the North Sea. <i>Geology</i> , <b>2007</b> , 35, 395	5	116
48	Meltwater and ice rafting in the southern Norwegian Sea between 20 and 40 calendar kyr B.P.: Implications for Fennoscandian Heinrich events. <i>Paleoceanography</i> , <b>2006</b> , 21,		36
47	Pleistocene glacial history of the NW European continental margin. <i>Marine and Petroleum Geology</i> , <b>2005</b> , 22, 1111-1129	4.7	229
46	The dating and morphometry of the Storegga Slide. <i>Marine and Petroleum Geology</i> , <b>2005</b> , 22, 123-136	4.7	231
45	Contourites and their relevance for mass wasting along the Mid-Norwegian Margin. <i>Marine and Petroleum Geology</i> , <b>2005</b> , 22, 85-96	4.7	93
44	Ocean warming and gas hydrate stability on the mid-Norwegian margin at the Storegga Slide. <i>Marine and Petroleum Geology</i> , <b>2005</b> , 22, 233-244	4.7	209

43	The glacial North Sea Fan, southern Norwegian Margin: architecture and evolution from the upper continental slope to the deep-sea basin. <i>Marine and Petroleum Geology</i> , <b>2005</b> , 22, 71-84	4-7	94
42	Cenozoic alongslope processes and sedimentation on the NW European Atlantic margin. <i>Marine and Petroleum Geology</i> , <b>2005</b> , 22, 1069-1088	4-7	96
41	Palaeoslides and other mass failures of Pliocene to Pleistocene age along the Atlantic continental margin of NW Europe. <i>Marine and Petroleum Geology</i> , <b>2005</b> , 22, 1131-1148	4-7	74
40	Sidescan and video exploration of the Storegga slide headwall region by submarine NR-1. <i>Marine Geology</i> , <b>2005</b> , 219, 195-205	3-3	3
39	Laminated sediments preceding Heinrich event 1 in the Northern North Sea and Southern Norwegian Sea: Origin, processes and regional linkage. <i>Marine Geology</i> , <b>2005</b> , 216, 27-50	3-3	83
38	Deglaciation history of the southwestern Fennoscandian Ice Sheet between 15 and 13 14C ka BP. <i>Boreas</i> , <b>2004</b> , 33, 1-17	2-4	8
37	The Storegga Slide: architecture, geometry and slide development. <i>Marine Geology</i> , <b>2004</b> , 213, 201-234	3-3	258
36	Triggering mechanisms of slope instability processes and sediment failures on continental margins: a geotechnical approach. <i>Marine Geology</i> , <b>2004</b> , 213, 291-321	3-3	250
35	Slope failure dynamics and impacts from seafloor and shallow sub-seafloor geophysical data: case studies from the COSTA project. <i>Marine Geology</i> , <b>2004</b> , 213, 9-72	3-3	312
34	Pleistocene development of the SE Nordic Seas margin. <i>Marine Geology</i> , <b>2004</b> , 213, 169-200	3-3	43
33	Neogene and Quaternary depositional environments on the Norwegian continental margin, 62°N-68°N. <i>Marine Geology</i> , <b>2004</b> , 213, 257-276	3-3	33
32	Eight-hundred-year temperature variability from the Norwegian continental margin and the North Atlantic thermohaline circulation. <i>Paleoceanography</i> , <b>2004</b> , 19, n/a-n/a		21
31	Late Quaternary seismic stratigraphy and geological development of the south Viking margin, Norwegian Sea. <i>Quaternary Science Reviews</i> , <b>2004</b> , 23, 1847-1865	3-9	59
30	Seafloor reconnaissance and classification of the Storegga Slide headwall region, Norwegian Sea, using side-scan sonar, video, and photographs acquired on submarine NR-1. <i>AAPG Bulletin</i> , <b>2004</b> , 88, 841-855	2-5	4
29	Configuration, history and impact of the Norwegian Channel Ice Stream. <i>Boreas</i> , <b>2003</b> , 32, 18-36	2-4	128
28	Variability in temperature and geometry of the Norwegian Current over the past 600 yr; stable isotope and grain size evidence from the Norwegian margin. <i>Journal of Quaternary Science</i> , <b>2003</b> , 18, 591-602	2-3	28
27	Geometry and genesis of glacial debris flows on the North Sea Fan: TOBI imagery and deep-tow boomer evidence. <i>Marine Geology</i> , <b>2002</b> , 188, 15-33	3-3	51
26	Distribution of recent calcareous benthic foraminifera in the northern North Sea and relation to the environment. <i>Polar Research</i> , <b>2002</b> , 21, 275-282	2	6

25	Seismic analyses of Cenozoic contourite drift development in the Northern Norwegian Sea. <i>Marine Geophysical Researches</i> , <b>2001</b> , 22, 401-416	2.3	69
24	The last 18 kyr fluctuations in Norwegian sea surface conditions and implications for the magnitude of climatic change: Evidence from the North Sea. <i>Paleoceanography</i> , <b>2001</b> , 16, 455-467		95
23	The tephrochronology of Iceland and the North Atlantic region during the Middle and Late Quaternary: a review. <i>Journal of Quaternary Science</i> , <b>2000</b> , 15, 3-22	2.3	242
22	Chronology of late Holocene climatic events in the northern North Atlantic based on AMS 14C dates and tephra markers from the volcano Hekla, Iceland. <i>Journal of Quaternary Science</i> , <b>2000</b> , 15, 573-580	2.3	113
21	Quaternary glaciations in southern Fennoscandia: evidence from southwestern Norway and the northern North Sea region. <i>Quaternary Science Reviews</i> , <b>2000</b> , 19, 667-685	3.9	203
20	Dinoflagellate cysts reflecting surface-water conditions in Voldafjorden, western Norway during the last 11 300 years. <i>Boreas</i> , <b>1999</b> , 28, 403-415	2.4	47
19	Palynological Evidence of Climatic and Oceanographic Changes in the North Sea during the Last Deglaciation. <i>Quaternary Research</i> , <b>1998</b> , 49, 197-207	1.9	69
18	Sediment fluxes along the northeastern European Margin: inferring hydrological changes between 20 and 8 kyr. <i>Marine Geology</i> , <b>1998</b> , 152, 7-23	3.3	26
17	Rapid changes in the oceanic fronts in the Norwegian Sea during the last deglaciation: implications for the Younger Dryas cooling event. <i>Marine Geology</i> , <b>1998</b> , 152, 177-188	3.3	12
16	Late Weichselian and Holocene sediment fluxes of the northern North Sea Margin. <i>Marine Geology</i> , <b>1998</b> , 152, 189-215	3.3	34
15	Glacigenic debris flows on the North Sea Trough Mouth Fan during ice stream maxima. <i>Marine Geology</i> , <b>1998</b> , 152, 217-246	3.3	152
14	Variability in surface and deep water conditions in the nordic seas during the last interglacial period. <i>Quaternary Science Reviews</i> , <b>1998</b> , 17, 963-985	3.9	74
13	Glacial and climatic events in iceland reflecting regional north atlantic climatic shifts during the Pleistocene-Holocene transition. <i>Quaternary Science Reviews</i> , <b>1997</b> , 16, 1135-1144	3.9	57
12	On the origin and flow behavior of submarine slides on deep-sea fans along the Norwegian Barents Sea continental margin. <i>Geo-Marine Letters</i> , <b>1997</b> , 17, 119-125	1.9	98
11	New Radiocarbon Dates for the Vedde Ash and the Saksunarvatn Ash from Western Norway. <i>Quaternary Research</i> , <b>1996</b> , 45, 119-127	1.9	190
10	Quaternary seismic stratigraphy of the North Sea Fan: glacially-fed gravity flow aprons, hemipelagic sediments, and large submarine slides. <i>Marine Geology</i> , <b>1996</b> , 130, 293-315	3.3	202
9	The Krønes late-glacial palaeoenvironmental project. <i>Journal of Paleolimnology</i> , <b>1996</b> , 15, 281-286	2.1	22
8	Quaternary erosion and depositional processes: western Norwegian fjords, Norwegian Channel and North Sea Fan. <i>Geological Society Special Publication</i> , <b>1996</b> , 117, 187-202	1.7	59



7	Coupled response of the late glacial climatic shifts of northwest Europe reflected in Greenland ice cores: Evidence from the northern North Sea. <i>Geology</i> , <b>1995</b> , 23, 1059	5	129
6	Last interglacial and Holocene climatic development in the Norwegian Sea region: Ocean front movements and ice-core data. <i>Journal of Quaternary Science</i> , <b>1995</b> , 10, 385-390	2.3	40
5	Paleoceanographic reconstructions of surface ocean conditions in the Greenland, Iceland and Norwegian seas through the last 14 ka based on diatoms. <i>Quaternary Science Reviews</i> , <b>1993</b> , 12, 115-140	3.9	443
4	Stratigraphy of fossil pigments and <i>Cladophora</i> and its relationship with deposition of tephra in Lake Mvatn, Iceland. <i>Journal of Paleolimnology</i> , <b>1993</b> , 8, 15	2.1	13
3	The Quaternary succession in the northern North Sea. <i>Marine Geology</i> , <b>1991</b> , 101, 103-111	3.3	55
2	Quaternary stratigraphy of the Draugen area, Mid-Norwegian Shelf. <i>Marine Geology</i> , <b>1991</b> , 101, 125-146	3.3	43
1	Rapid climate changes during the Lateglacial and the early Holocene as seen from plant community dynamics in the Polar Urals, Russia. <i>Journal of Quaternary Science</i> ,	2.3	2