

Haflidi Haflidason

List of Publications by Citations

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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	IntCal13 and Marine13 Radiocarbon Age Calibration Curves 0 to 50,000 Years cal BP. <i>Radiocarbon</i> , 2013 , 55, 1869-1887	4.6	8493
113	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> , 1993 , 12, 115-140	3.9	443
112	Slope failure dynamics and impacts from seafloor and shallow sub-seafloor geophysical data: case studies from the COSTA project. <i>Marine Geology</i> , 2004 , 213, 9-72	3.3	312
111	The Storegga Slide: architecture, geometry and slide development. <i>Marine Geology</i> , 2004 , 213, 201-234	3.3	258
110	Triggering mechanisms of slope instability processes and sediment failures on continental margins: a geotechnical approach. <i>Marine Geology</i> , 2004 , 213, 291-321	3.3	250
109	The tephrochronology of Iceland and the North Atlantic region during the Middle and Late Quaternary: a review. <i>Journal of Quaternary Science</i> , 2000 , 15, 3-22	2.3	242
108	The dating and morphometry of the Storegga Slide. <i>Marine and Petroleum Geology</i> , 2005 , 22, 123-136	4.7	231
107	Pleistocene glacial history of the NW European continental margin. <i>Marine and Petroleum Geology</i> , 2005 , 22, 1111-1129	4.7	229
106	Ocean warming and gas hydrate stability on the mid-Norwegian margin at the Storegga Slide. <i>Marine and Petroleum Geology</i> , 2005 , 22, 233-244	4.7	209
105	Quaternary glaciations in southern Fennoscandia: evidence from southwestern Norway and the northern North Sea region. <i>Quaternary Science Reviews</i> , 2000 , 19, 667-685	3.9	203
104	Quaternary seismic stratigraphy of the North Sea Fan: glacially-fed gravity flow aprons, hemipelagic sediments, and large submarine slides. <i>Marine Geology</i> , 1996 , 130, 293-315	3.3	202
103	New Radiocarbon Dates for the Vedde Ash and the Saksunarvatn Ash from Western Norway. <i>Quaternary Research</i> , 1996 , 45, 119-127	1.9	190
102	Late Weichselian glaciation history of the northern North Sea. <i>Boreas</i> , 2008 , 23, 1-13	2.4	158
101	Glacigenic debris flows on the North Sea Trough Mouth Fan during ice stream maxima. <i>Marine Geology</i> , 1998 , 152, 217-246	3.3	152
100	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> , 1995 , 23, 1059	5	129
99	Configuration, history and impact of the Norwegian Channel Ice Stream. <i>Boreas</i> , 2003 , 32, 18-36	2.4	128
98	Extreme sediment and ice discharge from marine-based ice streams: New evidence from the North Sea. <i>Geology</i> , 2007 , 35, 395	5	116

97	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> , 2008 , 21, 15-22	2.4	113
96	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> , 2000 , 15, 573-580	2.3	113
95	Selection and Treatment of Data for Radiocarbon Calibration: An Update to the International Calibration (IntCal) Criteria. <i>Radiocarbon</i> , 2013 , 55, 1923-1945	4.6	111
94	Middle and Late Weichselian (Devensian) glaciation history of south-western Norway, North Sea and eastern UK. <i>Quaternary Science Reviews</i> , 2009 , 28, 370-380	3.9	102
93	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> , 1997 , 17, 119-125	1.9	98
92	Cenozoic alongslope processes and sedimentation on the NW European Atlantic margin. <i>Marine and Petroleum Geology</i> , 2005 , 22, 1069-1088	4.7	96
91	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> , 2001 , 16, 455-467		95
90	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> , 2005 , 22, 71-84	4.7	94
89	Contourites and their relevance for mass wasting along the Mid-Norwegian Margin. <i>Marine and Petroleum Geology</i> , 2005 , 22, 85-96	4.7	93
88	Laminated sediments preceding Heinrich event 1 in the Northern North Sea and Southern Norwegian Sea: Origin, processes and regional linkage. <i>Marine Geology</i> , 2005 , 216, 27-50	3.3	83
87	The Skjǫgar Tephra, a Younger Dryas marker in North Iceland. <i>Boreas</i> , 2008 , 21, 23-41	2.4	80
86	Integrated metagenomic and metaproteomic analyses of an ANME-1-dominated community in marine cold seep sediments. <i>Environmental Microbiology</i> , 2012 , 14, 1333-46	5.2	77
85	Variability in surface and deep water conditions in the nordic seas during the last interglacial period. <i>Quaternary Science Reviews</i> , 1998 , 17, 963-985	3.9	74
84	Palaeoslides and other mass failures of Pliocene to Pleistocene age along the Atlantic continental margin of NW Europe. <i>Marine and Petroleum Geology</i> , 2005 , 22, 1131-1148	4.7	74
83	Origin of pockmarks and chimney structures on the flanks of the Storegga Slide, offshore Norway. <i>Geo-Marine Letters</i> , 2008 , 28, 43-51	1.9	73
82	Palynological Evidence of Climatic and Oceanographic Changes in the North Sea during the Last Deglaciation. <i>Quaternary Research</i> , 1998 , 49, 197-207	1.9	69
81	Seismic analyses of Cenozoic contourite drift development in the Northern Norwegian Sea. <i>Marine Geophysical Researches</i> , 2001 , 22, 401-416	2.3	69
80	Deglaciation history of the southwestern Fennoscandian Ice Sheet between 15 and 13 14C ka BP. <i>Boreas</i> , 2008 , 33, 1-17	2.4	66

79	Norwegian Sea tephrostratigraphy of marine isotope stages 4 and 5: Prospects and problems for tephrochronology in the North Atlantic region. <i>Quaternary Science Reviews</i> , 2010 , 29, 847-864	3.9	65
78	Late Quaternary seismic stratigraphy and geological development of the south Vøring margin, Norwegian Sea. <i>Quaternary Science Reviews</i> , 2004 , 23, 1847-1865	3.9	59
77	Quaternary erosion and depositional processes: western Norwegian fjords, Norwegian Channel and North Sea Fan. <i>Geological Society Special Publication</i> , 1996 , 117, 187-202	1.7	59
76	Glacial and climatic events in Iceland reflecting regional north Atlantic climatic shifts during the Pleistocene-Holocene transition. <i>Quaternary Science Reviews</i> , 1997 , 16, 1135-1144	3.9	57
75	New insight into stratification of anaerobic methanotrophs in cold seep sediments. <i>FEMS Microbiology Ecology</i> , 2011 , 78, 233-43	4.3	55
74	The Quaternary succession in the northern North Sea. <i>Marine Geology</i> , 1991 , 101, 103-111	3.3	55
73	Geometry and genesis of glacial debris flows on the North Sea Fan: TOBI imagery and deep-tow boomer evidence. <i>Marine Geology</i> , 2002 , 188, 15-33	3.3	51
72	Paleoceanographic changes and calcium carbonate dissolution in the central Fram Strait during the last 20 ka. <i>Quaternary Research</i> , 2012 , 78, 405-416	1.9	47
71	Dinoflagellate cysts reflecting surface-water conditions in Voldafjorden, western Norway during the last 11 300 years. <i>Boreas</i> , 1999 , 28, 403-415	2.4	47
70	Pleistocene development of the SE Nordic Seas margin. <i>Marine Geology</i> , 2004 , 213, 169-200	3.3	43
69	Quaternary stratigraphy of the Draugen area, Mid-Norwegian Shelf. <i>Marine Geology</i> , 1991 , 101, 125-146	3.3	43
68	Morphology and morphogenesis of a high-latitude canyon; the Andøya Canyon, Norwegian Sea. <i>Marine Geology</i> , 2007 , 246, 68-85	3.3	42
67	In situ dynamic piezocone penetrometer tests in natural clayey soils – a reappraisal of strain-rate corrections. <i>Canadian Geotechnical Journal</i> , 2014 , 51, 272-288	3.2	41
66	A climatic trigger for the giant Troll pockmark field in the northern North Sea. <i>Earth and Planetary Science Letters</i> , 2017 , 464, 24-34	5.3	40
65	Last interglacial and Holocene climatic development in the Norwegian Sea region: Ocean front movements and ice-core data. <i>Journal of Quaternary Science</i> , 1995 , 10, 385-390	2.3	40
64	Origin of shallow submarine mass movements and their glide planes – Sedimentological and geotechnical analyses from the continental slope off northern Norway. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014 , 119, 2335-2360	3.8	38
63	Sedimentary processes and depositional environments in glaciated fjord systems – Evidence from Nordfjord, Norway. <i>Marine Geology</i> , 2009 , 258, 88-99	3.3	37
62	Multidisciplinary investigation of a shallow near-shore landslide, Finneidfjord, Norway. <i>Near Surface Geophysics</i> , 2012 , 10, 267-277	1.6	36

61	Response of Norwegian Sea temperature to solar forcing since 1000 A.D.. <i>Journal of Geophysical Research</i> , 2010 , 115,		36
60	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> , 2006 , 21,		36
59	Sources of methane inferred from pore-water $\delta^{13}C$ of dissolved inorganic carbon in Pockmark G11, offshore Mid-Norway. <i>Chemical Geology</i> , 2010 , 275, 127-138	4.2	35
58	Late Devensian ice-marginal features in the central North Sea – processes and chronology. <i>Boreas</i> , 2015 , 44, 1-13	2.4	34
57	Stability, mobility and failure mechanism for landslides at the upper continental slope off Vesterfjorden, Norway. <i>Marine Geology</i> , 2013 , 346, 192-207	3.3	34
56	Late Weichselian and Holocene sediment fluxes of the northern North Sea Margin. <i>Marine Geology</i> , 1998 , 152, 189-215	3.3	34
55	Micromorphological evidence supporting Late Weichselian glaciation of the Northern North Sea. <i>Boreas</i> , 2008 , 29, 315-328	2.4	34
54	A Holocene North Atlantic SST record and regional climate variability. <i>Quaternary Science Reviews</i> , 2011 , 30, 3181-3195	3.9	33
53	Norwegian margin outer shelf cracking: a consequence of climate-induced gas hydrate dissociation?. <i>International Journal of Earth Sciences</i> , 2010 , 99, 207-225	2.2	33
52	Neogene and Quaternary depositional environments on the Norwegian continental margin, 62°N–68°N. <i>Marine Geology</i> , 2004 , 213, 257-276	3.3	33
51	Eurasian Ice Sheet collapse was a major source of Meltwater Pulse 1A 14,600 years ago. <i>Nature Geoscience</i> , 2020 , 13, 363-368	18.3	31
50	Late Cenozoic geological development of the south Viking margin, mid-Norway. <i>Marine and Petroleum Geology</i> , 2010 , 27, 1789-1803	4.7	30
49	The geochemical characteristics of the hydrate-bound gases from the Nyegga pockmark field, Norwegian Sea. <i>Organic Geochemistry</i> , 2010 , 41, 437-444	3.1	29
48	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> , 2003 , 18, 591-602	2.3	28
47	Sediment fluxes along the northeastern European Margin: inferring hydrological changes between 20 and 8 kyr. <i>Marine Geology</i> , 1998 , 152, 7-23	3.3	26
46	Sedimentation history of the northern North Sea Margin during the last 150 ka. <i>Quaternary Science Reviews</i> , 2009 , 28, 469-483	3.9	25
45	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> , 2015 , 131, 35-62	4.2	24
44	Glacigenic sedimentation pulses triggered post-glacial gas hydrate dissociation. <i>Nature Communications</i> , 2018 , 9, 635	17.4	24

43	Lake Store Finnsjøen is a key for understanding Lateglacial/early Holocene vegetation and ice sheet dynamics in the central Scandes Mountains. <i>Quaternary Science Reviews</i> , 2015 , 121, 36-51	3.9	23
42	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> , 2019 , 48, 407-431	2.4	22
41	Sedimentary and structural control on pockmark development—evidence from the Nyegga pockmark field, NW European margin. <i>Geo-Marine Letters</i> , 2010 , 30, 221-230	1.9	22
40	Last glacial ice-rafted debris off southwestern Europe: the role of the British-Irish Ice Sheet. <i>Journal of Quaternary Science</i> , 2010 , 25, 689-699	2.3	22
39	The Krønes late-glacial palaeoenvironmental project. <i>Journal of Paleolimnology</i> , 1996 , 15, 281-286	2.1	22
38	Postglacial mass movements and depositional environments in a high-latitude fjord system — Hardangerfjorden, Western Norway. <i>Marine Geology</i> , 2016 , 379, 157-175	3.3	22
37	Persistence of arctic-alpine flora during 24,000 years of environmental change in the Polar Urals. <i>Scientific Reports</i> , 2019 , 9, 19613	4.9	22
36	Ocean-ice sheet interaction along the SE Nordic Seas margin from 35 to 15 ka BP. <i>Marine Geology</i> , 2018 , 402, 99-117	3.3	21
35	New species of the genus <i>Isorropodon</i> (Bivalvia: Vesicomidae: 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> , 2011 , 91, 1135-1144	1.1	21
34	High-resolution seismic stratigraphy, sedimentary processes and the origin of seabed cracks and pockmarks at Nyegga, mid-Norwegian margin. <i>Marine Geology</i> , 2011 , 284, 28-39	3.3	21
33	Eight-hundred-year temperature variability from the Norwegian continental margin and the North Atlantic thermohaline circulation. <i>Paleoceanography</i> , 2004 , 19, n/a-n/a		21
32	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> , 2011 , 26, 739-745	2.3	17
31	Holocene sedimentary processes in the Andøya Canyon system, north Norway. <i>Marine Geology</i> , 2007 , 246, 86-104	3.3	17
30	Quaternary denudation of southern Fennoscandia — evidence from the marine realm. <i>Boreas</i> , 2012 , 41, 379-390	2.4	16
29	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> , 2019 , 48, 444-451	2.4	16
28	The Lastglacial and Holocene seismostratigraphy and sediment distribution of Lake Bolshoye Shchuchye, Polar Ural Mountains, Arctic Russia. <i>Boreas</i> , 2019 , 48, 452-469	2.4	15
27	Late Weichselian—Holocene evolution of the high-latitude Andøya submarine Canyon, North-Norwegian continental margin. <i>Marine Geology</i> , 2015 , 363, 1-14	3.3	14
26	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> , 2011 , 28, 1350-1363	4.7	14

25	Stratigraphy of fossil pigments and Cladophora and its relationship with deposition of tephra in Lake Mvatn, Iceland. <i>Journal of Paleolimnology</i> , 1993 , 8, 15	2.1	13
24	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> , 2019 , 48, 432-443	2.4	13
23	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> , 2020 , 554, 109732	2.9	12
22	Fine-Scale Community Structure Analysis of ANME in Nyegga Sediments with High and Low Methane Flux. <i>Frontiers in Microbiology</i> , 2012 , 3, 216	5.7	12
21	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> , 1998 , 152, 177-188	3.3	12
20	The Cenozoic western Svalbard margin: sediment geometry and sedimentary processes in an area of ultraslow oceanic spreading. <i>Marine Geophysical Researches</i> , 2011 , 32, 441-453	2.3	11
19	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> , 2019 , 48, 470-487	2.4	10
18	Ice sheet dynamics on the Lofoten/Vesterfjorden shelf, north Norway, from Late MIS-3 to Heinrich Stadial 1. <i>Quaternary Science Reviews</i> , 2015 , 119, 136-156	3.9	10
17	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> , 2020 , 247, 106564	3.9	10
16	Metazoan meiobenthos and nematode assemblages in the Nyegga Region of methane seepage (Norwegian Sea). <i>Russian Journal of Marine Biology</i> , 2014 , 40, 255-265	0.7	9
15	Holocene explosive volcanism of the Jan Mayen (island) volcanic province, North-Atlantic. <i>Journal of Volcanology and Geothermal Research</i> , 2016 , 321, 31-43	2.8	8
14	Deglaciation history of the southwestern Fennoscandian Ice Sheet between 15 and 13 14C ka BP. <i>Boreas</i> , 2004 , 33, 1-17	2.4	8
13	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> , 2019 , 205, 45-61	3.9	8
12	Mid- to late-Holocene oxygen isotopes from Voldafjorden, western Norway. <i>Holocene</i> , 2011 , 21, 897-909	2.6	7
11	Clitellate worms (Annelida) in lateglacial and Holocene sedimentary DNA records from the Polar Urals and northern Norway. <i>Boreas</i> , 2019 , 48, 317-329	2.4	7
10	Distribution of recent calcareous benthic foraminifera in the northern North Sea and relation to the environment. <i>Polar Research</i> , 2002 , 21, 275-282	2	6
9	The tail of the Storegga Slide: insights from the geochemistry and sedimentology of the Norwegian Basin deposits. <i>Sedimentology</i> , 2010 , 57, 1409-1429	3.3	5
8	Geohazard assessment related to submarine instabilities in Bj�hafjorden, Norway. <i>Geological Society Special Publication</i> , 2019 , 477, 549-566	1.7	4

7	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> , 2004 , 88, 841-855	2.5	4
6	Sidescan and video exploration of the Storegga slide headwall region by submarine NR-1. <i>Marine Geology</i> , 2005 , 219, 195-205	3.3	3
5	Northward Shifts in the Polar Front Preceded Bølling and Holocene Warming in Southwestern Scandinavia. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL088153	4.9	2
4	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
3	Finneidfjord: a Field Laboratory for Integrated Submarine Slope Stability Assessments and Characterization of Landslide-Prone Sediments: A Review 2013 ,		1
2	Rapid and sustained environmental responses to global warming: the Paleocene-Eocene Thermal Maximum in the eastern North Sea. <i>Climate of the Past</i> , 2021 , 17, 1989-2013	3.9	0
1	A continuous tephrostratigraphic record from the Labrador Sea spanning the last 65 ka. <i>Journal of Quaternary Science</i> , 2020 , 35, 855-868	2.3	