

Marit-Solveig Seidenkrantz

List of Publications by Citations

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121
papers

3,776
citations

36
h-index

57
g-index

152
ext. papers

4,270
ext. citations

3.9
avg, IF

5.38
L-index

#	Paper	IF	Citations
121	Tracking the Atlantic Multidecadal Oscillation through the last 8,000 years. <i>Nature Communications</i> , 2011 , 2, 178	17.4	238
120	Early onset of industrial-era warming across the oceans and continents. <i>Nature</i> , 2016 , 536, 411-8	50.4	167
119	Robust global ocean cooling trend for the pre-industrial Common Era. <i>Nature Geoscience</i> , 2015 , 8, 671-678	18.3	134
118	Evidence for solar forcing of sea-surface temperature on the North Icelandic Shelf during the late Holocene. <i>Geology</i> , 2005 , 33, 73	5	130
117	Sequence of events from the onset to the demise of the Last Interglacial: Evaluating strengths and limitations of chronologies used in climatic archives. <i>Quaternary Science Reviews</i> , 2015 , 129, 1-36	3.9	104
116	Hydrography and climate of the last 4400 years in a SW Greenland fjord: implications for Labrador Sea palaeoceanography. <i>Holocene</i> , 2007 , 17, 387-401	2.6	97
115	MODERN DISTRIBUTION OF BENTHIC FORAMINIFERA ON THE NORTH ICELANDIC SHELF AND SLOPE. <i>Journal of Foraminiferal Research</i> , 2002 , 32, 217-244	1.1	96
114	Deep-water changes: the near-synchronous disappearance of a group of benthic foraminifera from the Late Miocene Mediterranean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999 , 152, 259-281	2.9	94
113	Diatom surface sediment assemblages around Iceland and their relationships to oceanic environmental variables. <i>Marine Micropaleontology</i> , 2001 , 41, 73-96	1.7	88
112	Deglacial and Holocene conditions in northernmost Baffin Bay: sediments, foraminifera, diatoms and stable isotopes. <i>Boreas</i> , 2008 , 37, 346-376	2.4	87
111	Evidence for external forcing of the Atlantic Multidecadal Oscillation since termination of the Little Ice Age. <i>Nature Communications</i> , 2014 , 5, 3323	17.4	85
110	Late-Holocene summer sea-surface temperatures based on a diatom record from the north Icelandic shelf. <i>Holocene</i> , 2002 , 12, 137-147	2.6	85
109	Two-step deglaciation at the oxygen isotope stage 6/5E transition: The Zeifen-Kattegat climate oscillation. <i>Quaternary Science Reviews</i> , 1996 , 15, 63-75	3.9	83
108	Benthic foraminifera as indicators of changing Mediterranean-Atlantic water exchange in the late Miocene. <i>Marine Geology</i> , 2000 , 163, 387-407	3.3	80
107	Variable North Atlantic climate seesaw patterns documented by a late Holocene marine record from Disko Bugt, West Greenland. <i>Marine Micropaleontology</i> , 2008 , 68, 66-83	1.7	77
106	Environmental changes off North Iceland during the deglaciation and the Holocene: foraminifera, diatoms and stable isotopes. <i>Marine Micropaleontology</i> , 2004 , 50, 273-305	1.7	71
105	Marine evidence for climatic instability during the last interglacial in shelf records from northwest Europe. <i>Journal of Quaternary Science</i> , 1995 , 10, 77-82	2.3	68

104	Solar forcing of Holocene summer sea-surface temperatures in the northern North Atlantic. <i>Geology</i> , 2015 , 43, 203-206	5	67
103	Sea ice in the paleoclimate system: the challenge of reconstructing sea ice from proxies [an introduction. <i>Quaternary Science Reviews</i> , 2013 , 79, 1-8	3.9	67
102	<i>Cassidulina teretis</i> Tappan and <i>Cassidulina neoteretis</i> new species (Foraminifera): stratigraphic markers for deep sea and outer shelf areas. <i>Journal of Micropalaeontology</i> , 1995 , 14, 145-157	2	63
101	Benthic foraminifera as palaeo sea-ice indicators in the subarctic realm [examples from the Labrador Sea/Baffin Bay region. <i>Quaternary Science Reviews</i> , 2013 , 79, 135-144	3.9	61
100	Ocean lead at the termination of the Younger Dryas cold spell. <i>Nature Communications</i> , 2013 , 4, 1664	17.4	51
99	Taking the pulse of the Sun during the Holocene by joint analysis of 14C and 10Be. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	51
98	Formate, acetate, and propionate as substrates for sulfate reduction in sub-arctic sediments of Southwest Greenland. <i>Frontiers in Microbiology</i> , 2015 , 6, 846	5.7	49
97	Last Interglacial (Eemian) hydrographic conditions in the southeastern Baltic Sea, NE Europe, based on dinoflagellate cysts. <i>Quaternary International</i> , 2005 , 130, 3-30	2	48
96	Eemian Climatic and Hydrographical Instability on a Marine Shelf in Northern Denmark. <i>Quaternary Research</i> , 1997 , 47, 218-234	1.9	45
95	Late-Holocene environment and climatic changes in Ameralik Fjord, southwest Greenland: evidence from the sedimentary record. <i>Holocene</i> , 2006 , 16, 685-695	2.6	45
94	Labrador current variability over the last 2000 years. <i>Earth and Planetary Science Letters</i> , 2014 , 400, 26-33.3	3.3	42
93	Diatoms from the surface sediments of the South China Sea and their relationships to modern hydrography. <i>Marine Micropaleontology</i> , 2004 , 53, 279-292	1.7	42
92	Benthic foraminiferal and stable isotope evidence for a Younger Dryas-style cold spell at the Saalian-Eemian transition, Denmark. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1993 , 102, 103-120	2.9	41
91	A diatom-based reconstruction of Early Holocene hydrographic and climatic change in a southwest Greenland fjord. <i>Marine Micropaleontology</i> , 2009 , 70, 166-176	1.7	40
90	Microbial turnover times in the deep seabed studied by amino acid racemization modelling. <i>Scientific Reports</i> , 2017 , 7, 5680	4.9	37
89	Last Interglacial marine environments in the White Sea region, northwestern Russia. <i>Boreas</i> , 2006 , 35, 493-520	2.4	37
88	Ice stream retreat following the LGM and onset of the west Greenland current in Uummannaq Trough, west Greenland. <i>Quaternary Science Reviews</i> , 2016 , 147, 27-46	3.9	36
87	Evaluation of the sea ice proxy IP25 against observational and diatom proxy data in the SW Labrador Sea. <i>Quaternary Science Reviews</i> , 2013 , 79, 53-62	3.9	36

86	Middle Weichselian to Holocene palaeoecology in the eastern Kattegat, Scandinavia: foraminifera, ostracods and 14C measurements. <i>Boreas</i> , 2008 , 22, 299-310	2.4	36
85	Exotic pollen as an indicator of variable atmospheric circulation over the Labrador Sea region during the mid to late Holocene. <i>Journal of Quaternary Science</i> , 2011 , 26, 286-296	2.3	34
84	A diatom-based sea-ice reconstruction for the Vaigat Strait (Disko Bugt, West Greenland) over the last 5000yr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014 , 403, 66-79	2.9	33
83	Mid- to late-Holocene oceanographic variability on the Southeast Greenland shelf. <i>Holocene</i> , 2013 , 23, 167-178	2.6	32
82	Palaeoenvironments in the Skagerrak-Kattegat basin in the eastern North Sea during the last deglaciation. <i>Boreas</i> , 2008 , 25, 65-78	2.4	32
81	Early Holocene large-scale meltwater discharge from Greenland documented by foraminifera and sediment parameters. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013 , 391, 71-81	2.9	31
80	Severnaya Zemlya, Arctic Russia: a nucleation area for Kara Sea ice sheets during the Middle to Late Quaternary. <i>Quaternary Science Reviews</i> , 2006 , 25, 2894-2936	3.9	30
79	Sea ice and primary production proxies in surface sediments from a High Arctic Greenland fjord: Spatial distribution and implications for palaeoenvironmental studies. <i>Ambio</i> , 2017 , 46, 106-118	6.5	27
78	Lacustrine evidence of Holocene environmental change from three Faroese lakes: a multiproxy XRF and stable isotope study. <i>Quaternary Science Reviews</i> , 2010 , 29, 2764-2780	3.9	27
77	Solar forcing as an important trigger for West Greenland sea-ice variability over the last millennium. <i>Quaternary Science Reviews</i> , 2016 , 131, 148-156	3.9	26
76	Last Interglacial and Early Glacial Circulation in the Northern North Atlantic Ocean. <i>Quaternary Research</i> , 2002 , 58, 22-26	1.9	25
75	Marine late Saalian to Eemian environments and climatic variability in the Danish shelf area. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2000 , 79, 335-343	1.1	25
74	Quaternary palaeoceanography and palaeogeography in northern Denmark: a review of results from the Skagen cores. <i>Bulletin of the Geological Society of Denmark</i> , 1996 , 43, 22-31	1	24
73	Linking the Modern Distribution of Biogenic Proxies in High Arctic Greenland Shelf Sediments to Sea Ice, Primary Production, and Arctic-Atlantic Inflow. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018 , 123, 760-786	3.7	23
72	Subrecent changes in the foraminiferal distribution in the Kattegat and the Skagerrak, Scandinavia: anthropogenic influence and natural causes. <i>Boreas</i> , 2008 , 22, 383-395	2.4	23
71	The Holocene Great Belt connection to the southern Kattegat, Scandinavia: Ancyclus Lake drainage and Early Littorina Sea transgression. <i>Boreas</i> , 2017 , 46, 53-68	2.4	22
70	Atlantic Water advection vs. glacier dynamics in northern Spitsbergen since early deglaciation. <i>Climate of the Past</i> , 2017 , 13, 1717-1749	3.9	22
69	Greenland climate change: from the past to the future. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2012 , 3, 427-449	8.4	22

68	Spatial Variation of Temperature and Precipitation in Bhutan and Links to Vegetation and Land Cover. <i>Mountain Research and Development</i> , 2016 , 36, 66	1.4	21
67	Foraminifera from the Quaternary sequence in the Anholt boring, Denmark. <i>Boreas</i> , 2008 , 22, 283-290	2.4	20
66	A record of Holocene sea-ice variability off West Greenland and its potential forcing factors. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017 , 475, 115-124	2.9	19
65	Quaternary sequences and their relations to the pre-Quaternary in the vicinity of Anholt, Kattegat, Scandinavia. <i>Boreas</i> , 2008 , 22, 291-298	2.4	19
64	Marine High Resolution Records of the Last Interglacial in Northwest Europe: A Review. <i>Géographie Physique Et Quaternaire</i> , 1994 , 48, 157-168		19
63	Subpolar North Atlantic sea surface temperature since 6 ka BP: Indications of anomalous ocean-atmosphere interactions at 4-2 ka BP. <i>Quaternary Science Reviews</i> , 2018 , 194, 128-142	3.9	18
62	A multi-proxy reconstruction of oceanographic conditions around the Younger Dryas/Holocene transition in Placentia Bay, Newfoundland. <i>Marine Micropaleontology</i> , 2014 , 112, 39-49	1.7	18
61	Glacial and palaeoenvironmental history of the Cape Chelyuskin area, Arctic Russia. <i>Polar Research</i> , 2008 , 27, 222-248	2	18
60	Evidence of Suess solar-cycle bursts in subtropical Holocene speleothem $\delta^{18}O$ records. <i>Holocene</i> , 2012 , 22, 597-602	2.6	17
59	Plio-Pleistocene foraminiferal paleoecology and stratigraphy in the northernmost North Sea. <i>Journal of Foraminiferal Research</i> , 1992 , 22, 363-378	1.1	17
58	Reconstructing Holocene temperature and salinity variations in the western Baltic Sea region: a multi-proxy comparison from the Little Belt (IODP Expedition B47, Site M0059). <i>Biogeosciences</i> , 2017 , 14, 5607-5632	4.6	16
57	Late Holocene Sea Surface Instabilities in the Disko Bugt Area, West Greenland, in Phase With $\delta^{18}O$ Oscillations at Camp Century. <i>Paleoceanography and Paleoclimatology</i> , 2018 , 33, 227-243	3.3	15
56	Climate-driven fluctuations in freshwater flux to Sermilik Fjord, East Greenland, during the last 4000 years. <i>Holocene</i> , 2012 , 22, 155-164	2.6	15
55	The role of sea ice for vascular plant dispersal in the Arctic. <i>Biology Letters</i> , 2016 , 12,	3.6	14
54	Holocene oceanographic changes in SW Labrador Sea, off Newfoundland. <i>Holocene</i> , 2016 , 26, 274-289	2.6	14
53	Holocene water mass changes in the Labrador Current. <i>Holocene</i> , 2019 , 29, 676-690	2.6	11
52	Macrofaunal control of microbial community structure in continental margin sediments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 15911-15922	11.5	11
51	Water balance in the complex mountainous terrain of Bhutan and linkages to land use. <i>Journal of Hydrology: Regional Studies</i> , 2016 , 7, 55-68	3.6	11

50	Meltwater and seasonality influence on Subpolar Gyre circulation during the Holocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018 , 502, 104-118	2.9	11
49	Heinrich 0 on the east Canadian margin: Source, distribution, and timing. <i>Paleoceanography</i> , 2015 , 30, 1613-1624		11
48	Reconstruction of Holocene oceanographic conditions in eastern Baffin Bay. <i>Climate of the Past</i> , 2020 , 16, 1075-1095	3.9	11
47	Comparative analysis of six common foraminiferal species of the genera <i>Cassidulina</i>, <i>Paracassidulina</i>, and <i>Islandiella</i> from the Arctic-North Atlantic domain. <i>Journal of Micropalaeontology</i> , 2021 , 40, 37-60	2	11
46	Relative Sea-Level Changes and Ice Sheet History in FINDERUP LAND, NORTH GREENLAND. <i>Frontiers in Earth Science</i> , 2018 , 6,	3.5	11
45	The Holocene marine diatom flora of Eastern Newfoundland bays. <i>Diatom Research</i> , 2014 , 29, 441-454	0.9	10
44	Biostratigraphy and palaeoenvironmental analysis of a Lower to Middle Jurassic succession on Anholt, Denmark. <i>Journal of Micropalaeontology</i> , 1993 , 12, 201-218	2	10
43	Glacial Runoff Promotes Deep Burial of Sulfur Cycling-Associated Microorganisms in Marine Sediments. <i>Frontiers in Microbiology</i> , 2019 , 10, 2558	5.7	10
42	Southwest Greenland shelf glaciation during MIS 4 more extensive than during the Last Glacial Maximum. <i>Scientific Reports</i> , 2019 , 9, 15617	4.9	9
41	Environmental reconstructions of Eemian Stage interglacial marine records in the Lower Vistula area, southern Baltic Sea. <i>Boreas</i> , 2012 , 41, 209-234	2.4	9
40	Learning from the past: Impact of the Arctic Oscillation on sea ice and marine productivity off northwest Greenland over the last 9,000 years. <i>Global Change Biology</i> , 2020 , 26, 6767-6786	11.4	9
39	Minimal Holocene retreat of large tidewater glaciers in Køe Bugt, southeast Greenland. <i>Scientific Reports</i> , 2017 , 7, 12330	4.9	8
38	A 100-year record of changes in water renewal rate in Sermilik fjord and its influence on calving of Helheim glacier, southeast Greenland. <i>Continental Shelf Research</i> , 2014 , 85, 21-29	2.4	8
37	Termination of the Medieval Warm Period: Linking sub-polar and tropical N Atlantic circulation changes to ENSO. <i>PAGES News</i> , 2009 , 17, 76-77		8
36	Middle to Late Holocene Variations in Salinity and Primary Productivity in the Central Baltic Sea: A Multiproxy Study From the Landsort Deep. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	7
35	A reconstruction of warm-water inflow to Upernavik Isstrø since 1925 CE and its relation to glacier retreat. <i>Climate of the Past</i> , 2019 , 15, 1171-1186	3.9	7
34	Variable influx of West Greenland Current water into the Labrador Current through the last 7200 years: a multiproxy record from Trinity Bay (NE Newfoundland). <i>Arktos</i> , 2015 , 1, 1	0.9	7
33	A diatom-based reconstruction of summer sea-surface salinity in the Southern Okinawa Trough, East China Sea, over the last millennium. <i>Journal of Quaternary Science</i> , 2012 , 27, 771-779	2.3	7

32	Holocene Hydrographic Variations From the Baltic-North Sea Transitional Area (IODP Site M0059). <i>Paleoceanography and Paleoclimatology</i> , 2020 , 35, e2019PA003722	3.3	6
31	Diatom-based reconstruction of summer sea-surface salinity in the South China Sea over the last 15 000 years. <i>Boreas</i> , 2014 , 43, 208-219	2.4	6
30	A late Holocene palaeoenvironmental record from Altona Bay, St. Croix, US Virgin Islands. <i>Geografisk Tidsskrift</i> , 2008 , 108, 59-70	1.5	6
29	New foraminiferal taxa and revised biostratigraphy of Jurassic marginal marine deposits on Anholt, Denmark. <i>Micropaleontology</i> , 2003 , 49, 27	2	6
28	Glacial history and palaeo-environmental change of southern Taimyr Peninsula, Arctic Russia, during the Middle and Late Pleistocene. <i>Earth-Science Reviews</i> , 2019 , 196, 102832	10.2	5
27	East Asian Winter Monsoon Variations and Their Links to Arctic Sea Ice During the Last Millennium, Inferred From Sea Surface Temperatures in the Okinawa Trough. <i>Paleoceanography and Paleoclimatology</i> , 2018 , 33, 61-75	3.3	5
26	Impact of Medieval Fjord Hydrography and Climate on the Western and Eastern Settlements in Norse Greenland. <i>Journal of the North Atlantic</i> , 2014 , 601, 1-13	0.4	5
25	Atmospheric and oceanic influence on mass balance of northern North Atlantic region land-terminating glaciers. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2014 , 96, n/a-n/a	1.1	5
24	Mid to late-Holocene sea-surface temperature variability off north-eastern Newfoundland and its linkage to the North Atlantic Oscillation. <i>Holocene</i> , 2021 , 31, 3-15	2.6	5
23	Data set on sedimentology, palaeoecology and chronology of middle to late pleistocene deposits on the Taimyr Peninsula, Arctic Russia. <i>Data in Brief</i> , 2019 , 25, 104267	1.2	4
22	Development of the western Limfjord, Denmark, after the last deglaciation: a review with new data. <i>Bulletin of the Geological Society of Denmark</i> , 2019 , 67, 53-73	1	4
21	Comparing past and present climate to distinguish between natural and human-induced climate change. <i>IOP Conference Series: Earth and Environmental Science</i> , 2009 , 8, 012012	0.3	3
20	Late-Holocene summer sea-surface temperatures based on a diatom record from the north Icelandic shelf. <i>Holocene</i> , 2002 , 12, 137-147	2.6	3
19	Santorini (Greece) before the Minoan eruption: a reconstruction of the ring-island, natural resources and clay deposits from the Akrotiri excavation. <i>Geological Society Special Publication</i> , 2000 , 171, 71-80	1.7	3
18	The 8.2 ka cooling event related to extensive melting of the Greenland Ice Sheet		3
17	Distribution of dinocyst assemblages in surface sediment samples from the West Greenland margin. <i>Marine Micropaleontology</i> , 2020 , 159, 101818	1.7	3
16	Glomulina oculus, New Calcareous Foraminiferal Species from the High Arctic: A Potential Indicator of a Nearby Marine-Terminating Glacier. <i>Journal of Foraminiferal Research</i> , 2020 , 50, 219-234	1.1	3
15	Holocene palaeoceanography of the Northeast Greenland shelf. <i>Climate of the Past</i> , 2022 , 18, 103-127	3.9	2

14	Investigations of past climate and sea-ice variability in the fjord area by Station Nord, eastern North Greenland. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 35, 67-70		2
13	When were the straits between the Baltic Sea and the Kattegat inundated by the sea during the Holocene?. <i>Boreas</i> , 2021, 50, 1079	2.4	2
12	Spatio-temporal changes in ocean conditions and primary production in Baffin Bay and the Labrador Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 563, 110175	2.9	2
11	Upper water mass variability in the Anegada-Jungfern Passage, NE Caribbean, during the last 11,100 cal. yr. <i>Holocene</i> , 2017, 27, 1291-1307	2.6	1
10	Episodic Atlantic Water Inflow Into the Independence Fjord System (Eastern North Greenland) During the Holocene and Last Glacial Period. <i>Frontiers in Earth Science</i> , 2020, 8,	3.5	1
9	Early diagenesis of foraminiferal calcite under anoxic conditions: A case study from the Landsort Deep, Baltic Sea (IODP Site M0063). <i>Chemical Geology</i> , 2020, 558, 119871	4.2	1
8	Insolation vs. meltwater control of productivity and sea surface conditions off SW Greenland during the Holocene. <i>Boreas</i> , 2021, 50, 631-651	2.4	1
7	Early Holocene palaeoceanographic and glaciological changes in southeast Greenland. <i>Holocene</i> , 095968362210807		
6	Seasonal climate variations in the Baltic Sea during the Last Interglacial based on foraminiferal geochemistry. <i>Quaternary Science Reviews</i> , 2021, 272, 107220	3.9	0
5	Benthic foraminiferal assemblages and test accumulation in coastal microhabitats on San Salvador, Bahamas. <i>Journal of Micropalaeontology</i> , 2018, 37, 499-518	2	0
4	Characterization of organic matter in marine sediments to estimate age offset of bulk radiocarbon dating. <i>Quaternary Geochronology</i> , 2022, 67, 101242	2.7	0
3	Evidence for influx of Atlantic water masses to the Labrador Sea during the Last Glacial Maximum. <i>Scientific Reports</i> , 2021, 11, 6788	4.9	0
2	Linkages between ocean circulation and the Northeast Greenland Ice Stream in the Early Holocene. <i>Quaternary Science Reviews</i> , 2022, 286, 107530	3.9	0
1	The 7 Aarhus Statements on Climate Change. <i>IOP Conference Series: Earth and Environmental Science</i> , 2009, 8, 011002	0.3	