

# Malin Daase

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

2,338  
citations

201674  
27  
h-index

223800  
46  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1979  
citing authors

#	ARTICLE	IF	CITATIONS
1	Timing of reproductive events in the marine copepod <i>Calanus glacialis</i> : a pan-Arctic perspective. Canadian Journal of Fisheries and Aquatic Sciences, 2013, 70, 871-884.	1.4	164
2	Unexpected Levels of Biological Activity during the Polar Night Offer New Perspectives on a Warming Arctic. Current Biology, 2015, 25, 2555-2561.	3.9	163
3	In the dark: A review of ecosystem processes during the Arctic polar night. Progress in Oceanography, 2015, 139, 258-271.	3.2	157
4	Selected physical, biological and biogeochemical implications of a rapidly changing Arctic Marginal Ice Zone. Progress in Oceanography, 2015, 139, 122-150.	3.2	140
5	Floating Ice-Algal Aggregates below Melting Arctic Sea Ice. PLoS ONE, 2013, 8, e76599.	2.5	109
6	Dynamics of coexisting <i>Calanus finmarchicus</i> , <i>Calanus glacialis</i> and <i>Calanus hyperboreus</i> populations in a high-Arctic fjord. Polar Biology, 2005, 28, 528-538.	1.2	101
7	Advection in polar and sub-polar environments: Impacts on high latitude marine ecosystems. Progress in Oceanography, 2016, 149, 40-81.	3.2	95
8	Mesozooplankton distribution in northern Svalbard waters in relation to hydrography. Polar Biology, 2007, 30, 969-981.	1.2	94
9	Non-consumptive mortality in copepods: occurrence of <i>Calanus</i> spp. carcasses in the Arctic Ocean during winter. Journal of Plankton Research, 2014, 36, 129-144.	1.8	79
10	Pelagic food-webs in a changing Arctic: a trait-based perspective suggests a mode of resilience. ICES Journal of Marine Science, 2018, 75, 1871-1881.	2.5	76
11	Use of an Autonomous Surface Vehicle reveals small-scale diel vertical migrations of zooplankton and susceptibility to light pollution under low solar irradiance. Science Advances, 2018, 4, eaap9887.	10.3	75
12	Can morphology reliably distinguish between the copepods <i>Calanus finmarchicus</i> and <i>C. glacialis</i> , or is DNA the only way?. Limnology and Oceanography: Methods, 2018, 16, 237-252.	2.0	66
13	Genetics redraws pelagic biogeography of <i>Calanus</i> . Biology Letters, 2017, 13, 20170588.	2.3	62
14	Is Ambient Light during the High Arctic Polar Night Sufficient to Act as a Visual Cue for Zooplankton?. PLoS ONE, 2015, 10, e0126247.	2.5	59
15	A fish-eye view on the new Arctic lightscape. ICES Journal of Marine Science, 2015, 72, 2532-2538.	2.5	57
16	Vertical distribution of <i>Calanus</i> spp. and <i>Metridia longa</i> at four Arctic locations. Marine Biology Research, 2008, 4, 193-207.	0.7	50
17	Effect of ocean acidification on the fatty acid composition of a natural plankton community. Biogeosciences, 2013, 10, 1143-1153.	3.3	50
18	Mesozooplankton community development at elevated CO <sub>2</sub> concentrations: results from a mesocosm experiment in an Arctic fjord. Biogeosciences, 2013, 10, 1391-1406.	3.3	46

#	ARTICLE	IF	CITATIONS
19	Pelagic Ecosystem Characteristics Across the Atlantic Water Boundary Current From Rijpfjorden, Svalbard, to the Arctic Ocean During Summer (2010–2014). <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	45
20	From polar night to midnight sun: Diel vertical migration, metabolism and biogeochemical role of zooplankton in a high Arctic fjord (Kongsfjorden, Svalbard). <i>Limnology and Oceanography</i> , 2017, 62, 1586-1605.	3.1	44
21	Artificial light during the polar night disrupts Arctic fish and zooplankton behaviour down to 200 m depth. <i>Communications Biology</i> , 2020, 3, 102.	4.4	44
22	Effects of food quality on naupliar development in <i>Calanus glacialis</i> at subzero temperatures. <i>Marine Ecology - Progress Series</i> , 2011, 429, 111-124.	1.9	40
23	Remote sensing of zooplankton swarms. <i>Scientific Reports</i> , 2019, 9, 686.	3.3	40
24	The influence of advection on <i>Calanus</i> near Svalbard: statistical relations between salinity, temperature and copepod abundance. <i>Journal of Plankton Research</i> , 2007, 29, 903-911.	1.8	38
25	Zooplankton in Kongsfjorden (1996–2016) in Relation to Climate Change. <i>Advances in Polar Ecology</i> , 2019, , 229-300.	1.3	36
26	Mesopelagic Sound Scattering Layers of the High Arctic: Seasonal Variations in Biomass, Species Assemblage, and Trophic Relationships. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	35
27	Seasonal and diel vertical migration of zooplankton in the High Arctic during the autumn midnight sun of 2008. <i>Marine Biodiversity</i> , 2011, 41, 365-382.	1.0	32
28	New insights into the biology of <i>Calanus</i> spp. (Copepoda) males in the Arctic. <i>Marine Ecology - Progress Series</i> , 2018, 607, 53-69.	1.9	32
29	Retention of ice-associated amphipods: possible consequences for an ice-free Arctic Ocean. <i>Biology Letters</i> , 2012, 8, 1012-1015.	2.3	30
30	Can a key boreal <i>Calanus</i> copepod species now complete its life-cycle in the Arctic? Evidence and implications for Arctic food-webs. <i>Ambio</i> , 2022, 51, 333-344.	5.5	30
31	Eat or Sleep: Availability of Winter Prey Explains Mid-Winter and Spring Activity in an Arctic <i>Calanus</i> Population. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	25
32	Plankton community composition and vertical migration during polar night in Kongsfjorden. <i>Polar Biology</i> , 2016, 39, 1879-1895.	1.2	21
33	Zooplankton in the Polar Night. <i>Advances in Polar Ecology</i> , 2020, , 113-159.	1.3	20
34	Observations of mass mortality of <i>Themisto libellula</i> (Amphipoda, Hyperidae). <i>Polar Biology</i> , 2002, 25, 396-398.	1.2	18
35	Modelling the biogeographic boundary shift of <i>Calanus finmarchicus</i> reveals drivers of Arctic Atlantification by subarctic zooplankton. <i>Global Change Biology</i> , 2022, 28, 429-440.	9.5	18
36	Pelagic occurrences of the ice amphipod <i>Apherusa glacialis</i> throughout the Arctic. <i>Journal of Plankton Research</i> , 2020, 42, 73-86.	1.8	16

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37	Seasonal ecology in ice-covered Arctic seas - Considerations for spill response decision making. Marine Environmental Research, 2018, 141, 275-288.	2.5	15
38	Pelagic organisms avoid white, blue, and red artificial light from scientific instruments. Scientific Reports, 2021, 11, 14941.	3.3	15
39	Seasonal Variability in the Zooplankton Community Structure in a Sub-Arctic Fjord as Revealed by Morphological and Molecular Approaches. Frontiers in Marine Science, 2021, 8, .	2.5	13
40	Small-scale diel vertical migration of zooplankton in the High Arctic. Polar Biology, 2016, 39, 1213-1223.	1.2	12
41	Seasonal variability in non-consumptive mortality of Arctic zooplankton. Journal of Plankton Research, 2021, 43, 565-585.	1.8	12
42	Ice-Associated Amphipods in a Pan-Arctic Scenario of Declining Sea Ice. Frontiers in Marine Science, 2021, 8, .	2.5	11
43	Photophysiological cycles in Arctic krill are entrained by weak midday twilight during the Polar Night. PLoS Biology, 2021, 19, e3001413.	5.6	10
44	Accounting for Uncertainties in Biodiversity Estimations: A New Methodology and Its Application to the Mesopelagic Sound Scattering Layer of the High Arctic. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	10
45	High abundances of small copepods early developmental stages and nauplii strengthen the perception of a non-dormant Arctic winter. Polar Biology, 2022, 45, 675-690.	1.2	6
46	Contrasting Life Traits of Sympatric Calanus glacialis and C. finmarchicus in a Warming Arctic Revealed by a Year-Round Study in Isfjorden, Svalbard. Frontiers in Marine Science, 2022, 9, .	2.5	5
47	Autonomous surface and underwater vehicles reveal new discoveries in the Arctic Ocean. , 2019, , .		2
48	Autonomous Surface and Underwater Vehicles as Effective Ecosystem Monitoring and Research Platforms in the Arcticâ€”The Glider Project. Sensors, 2021, 21, 6752.	3.8	2
49	Surface aggregations of <i>Calanus finmarchicus</i> during the polar night. ICES Journal of Marine Science, 0, , .	2.5	1