Malin Daase

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1635433/publications.pdf

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49	2,338	201385	223531
papers	citations	27	46
		h-index	g-index

50	50	50	1979
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Timing of reproductive events in the marine copepod Calanus glacialis: a pan-Arctic perspective. Canadian Journal of Fisheries and Aquatic Sciences, 2013, 70, 871-884.	0.7	164
2	Unexpected Levels of Biological Activity during the Polar Night Offer New Perspectives on a Warming Arctic. Current Biology, 2015, 25, 2555-2561.	1.8	163
3	In the dark: A review of ecosystem processes during the Arctic polar night. Progress in Oceanography, 2015, 139, 258-271.	1.5	157
4	Selected physical, biological and biogeochemical implications of a rapidly changing Arctic Marginal Ice Zone. Progress in Oceanography, 2015, 139, 122-150.	1.5	140
5	Floating Ice-Algal Aggregates below Melting Arctic Sea Ice. PLoS ONE, 2013, 8, e76599.	1.1	109
6	Dynamics of coexisting Calanus finmarchicus, Calanus glacialis and Calanus hyperboreus populations in a high-Arctic fjord. Polar Biology, 2005, 28, 528-538.	0.5	101
7	Advection in polar and sub-polar environments: Impacts on high latitude marine ecosystems. Progress in Oceanography, 2016, 149, 40-81.	1.5	95
8	Mesozooplankton distribution in northern Svalbard waters in relation to hydrography. Polar Biology, 2007, 30, 969-981.	0.5	94
9	Non-consumptive mortality in copepods: occurrence of Calanus spp. carcasses in the Arctic Ocean during winter. Journal of Plankton Research, 2014, 36, 129-144.	0.8	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.	1.2	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.	4.7	75
12	Can morphology reliably distinguish between the copepods Calanus finmarchicus and C. glacialis, or is DNA the only way?. Limnology and Oceanography: Methods, 2018, 16, 237-252.	1.0	66
13	Genetics redraws pelagic biogeography of Calanus. Biology Letters, 2017, 13, 20170588.	1.0	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.	1.1	59
15	A fish-eye view on the new Arctic lightscape. ICES Journal of Marine Science, 2015, 72, 2532-2538.	1.2	57
16	Vertical distribution ofCalanusspp. andMetridia longaat four Arctic locations. Marine Biology Research, 2008, 4, 193-207.	0.3	50
17	Effect of ocean acidification on the fatty acid composition of a natural plankton community. Biogeosciences, 2013, 10, 1143-1153.	1.3	50
18	Mesozooplankton community development at elevated CO₂ concentrations: results from a mesocosm experiment in an Arctic fjord. Biogeosciences, 2013, 10, 1391-1406.	1.3	46

#	Article	IF	Citations
19	Pelagic Ecosystem Characteristics Across the Atlantic Water Boundary Current From Rijpfjorden, Svalbard, to the Arctic Ocean During Summer (2010â€“2014). Frontiers in Marine Science, 2019, 6, .	1.2	45
20	From polar night to midnight sun: Diel vertical migration, metabolism and biogeochemical role of zooplankton in a high Arctic fjord (Kongsfjorden, Svalbard). Limnology and Oceanography, 2017, 62, 1586-1605.	1.6	44
21	Artificial light during the polar night disrupts Arctic fish and zooplankton behaviour down to 200â€‰m depth. Communications Biology, 2020, 3, 102.	2.0	44
22	Effects of food quality on naupliar development in Calanus glacialis at subzero temperatures. Marine Ecology - Progress Series, 2011, 429, 111-124.	0.9	40
23	Remote sensing of zooplankton swarms. Scientific Reports, 2019, 9, 686.	1.6	40
24	The inf luence of advection on Calanus near Svalbard: statistical relations between salinity, temperature and copepod abundance. Journal of Plankton Research, 2007, 29, 903-911.	0.8	38
25	Zooplankton in Kongsfjorden (1996â€“2016) in Relation to Climate Change. Advances in Polar Ecology, 2019, , 229-300.	1.3	36
26	Mesopelagic Sound Scattering Layers of the High Arctic: Seasonal Variations in Biomass, Species Assemblage, and Trophic Relationships. Frontiers in Marine Science, 2019, 6, .	1.2	35
27	Seasonal and diel vertical migration of zooplankton in the High Arctic during the autumn midnight sun of 2008. Marine Biodiversity, 2011, 41, 365-382.	0.3	32
28	New insights into the biology of Calanus spp. (Copepoda) males in the Arctic. Marine Ecology - Progress Series, 2018, 607, 53-69.	0.9	32
29	Retention of ice-associated amphipods: possible consequences for an ice-free Arctic Ocean. Biology Letters, 2012, 8, 1012-1015.	1.0	30
30	Can a key boreal Calanus copepod species now complete its life-cycle in the Arctic? Evidence and implications for Arctic food-webs. Ambio, 2022, 51, 333-344.	2.8	30
31	Eat or Sleep: Availability of Winter Prey Explains Mid-Winter and Spring Activity in an Arctic Calanus Population. Frontiers in Marine Science, 2020, 7, .	1.2	25
32	Plankton community composition and vertical migration during polar night in Kongsfjorden. Polar Biology, 2016, 39, 1879-1895.	0.5	21
33	Zooplankton in the Polar Night. Advances in Polar Ecology, 2020, , 113-159.	1.3	20
34	Observations of mass mortality of Themisto libellula (Amphipoda, Hyperidae). Polar Biology, 2002, 25, 396-398.	0.5	18
35	Modelling the biogeographic boundary shift of Calanus finmarchicus reveals drivers of Arctic Atlantification by subarctic zooplankton. Global Change Biology, 2022, 28, 429-440.	4.2	18
36	Pelagic occurrences of the ice amphipod Apherusa glacialis throughout the Arctic. Journal of Plankton Research, 2020, 42, 73-86.	0.8	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.	1.1	15
38	Pelagic organisms avoid white, blue, and red artificial light from scientific instruments. Scientific Reports, 2021, 11, 14941.	1.6	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, .	1.2	13
40	Small-scale diel vertical migration of zooplankton in the High Arctic. Polar Biology, 2016, 39, 1213-1223.	0.5	12
41	Seasonal variability in non-consumptive mortality of Arctic zooplankton. Journal of Plankton Research, 2021, 43, 565-585.	0.8	12
42	Ice-Associated Amphipods in a Pan-Arctic Scenario of Declining Sea Ice. Frontiers in Marine Science, 2021, 8, .	1.2	11
43	Photophysiological cycles in Arctic krill are entrained by weak midday twilight during the Polar Night. PLoS Biology, 2021, 19, e3001413.	2.6	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, .	1.1	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.	0.5	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, .	1.2	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.	2.1	2
49	Surface aggregations of Calanus finmarchicus during the polar night. ICES Journal of Marine Science, 0, , .	1.2	1