

# Sigr n Huld J nasd ttir

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9567759/publications.pdf>

Version: 2024-02-01

31  
papers

1,827  
citations

361045

20  
h-index

454577

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2019  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatty Acid Profiles and Production in Marine Phytoplankton. <i>Marine Drugs</i> , 2019, 17, 151.	2.2	182
2	Seasonal copepod lipid pump promotes carbon sequestration in the deep North Atlantic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12122-12126.	3.3	178
3	The North Atlantic Ocean as habitat for <i>Calanus finmarchicus</i> : Environmental factors and life history traits. <i>Progress in Oceanography</i> , 2014, 129, 244-284.	1.5	163
4	Bridging the gap between marine biogeochemical and fisheries sciences; configuring the zooplankton link. <i>Progress in Oceanography</i> , 2014, 129, 176-199.	1.5	146
5	The trophic role of mesozooplankton at 47°N, 20°W during the North Atlantic Bloom Experiment. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1993, 40, 197-212.	0.6	127
6	Lipids, buoyancy and the seasonal vertical migration of <i>Calanus finmarchicus</i> . <i>Fisheries Oceanography</i> , 1999, 8, 100-106.	0.9	120
7	Lipid content of <i>Calanus finmarchicus</i> during overwintering in the Faroe-Shetland Channel. <i>Fisheries Oceanography</i> , 1999, 8, 61-72.	0.9	117
8	Comparative ecology of over-wintering <i>Calanus finmarchicus</i> in the northern North Atlantic, and implications for life-cycle patterns. <i>ICES Journal of Marine Science</i> , 2004, 61, 698-708.	1.2	108
9	Perspectives on marine zooplankton lipids. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 1628-1639.	0.7	96
10	Calanoid copepods feed and produce eggs in the presence of toxic cyanobacteria <i>Nodularia spumigena</i> . <i>Limnology and Oceanography</i> , 2002, 47, 878-885.	1.6	87
11	Effects of suspended sediments on copepods feeding in a glacial influenced sub-Arctic fjord. <i>Journal of Plankton Research</i> , 2011, 33, 1526-1537.	0.8	72
12	Egg production and hatching success in the calanoid copepods <i>Calanus helgolandicus</i> and <i>Calanus finmarchicus</i> in the North Sea from March to September 2001. <i>Journal of Plankton Research</i> , 2005, 27, 1239-1259.	0.8	62
13	The effect of changes in temperature and food on the development of <i>Calanus finmarchicus</i> and <i>Calanus helgolandicus</i> populations. <i>Limnology and Oceanography</i> , 2012, 57, 211-220.	1.6	52
14	“Good” and “bad” diatoms: development, growth and juvenile mortality of the copepod <i>Temora longicornis</i> on diatom diets. <i>Marine Biology</i> , 2008, 154, 719-734.	0.7	39
15	<i>Calanus hyperboreus</i> and the lipid pump. <i>Limnology and Oceanography</i> , 2017, 62, 1155-1165.	1.6	36
16	Lipid content in overwintering <i>Calanus finmarchicus</i> across the Subpolar Eastern North Atlantic Ocean. <i>Limnology and Oceanography</i> , 2019, 64, 2029-2043.	1.6	32
17	Effects of food concentration on egg-production rates of two species of <i>Pseudocalanus</i> : laboratory observations. <i>Journal of Experimental Marine Biology and Ecology</i> , 1989, 130, 33-43.	0.7	31
18	Spring production of <i>Calanus finmarchicus</i> at the Iceland–Scotland Ridge. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2008, 55, 471-489.	0.6	30

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19	Sensitivity of <i>Calanus</i> spp. copepods to environmental changes in the North Sea using life-stage structured models. <i>Progress in Oceanography</i> , 2013, 111, 24-37.	1.5	27
20	Extensive cross-disciplinary analysis of biological and chemical control of <i>Calanus finmarchicus</i> reproduction during an aldehyde forming diatom bloom in mesocosms. <i>Marine Biology</i> , 2011, 158, 1943-1963.	0.7	20
21	Persistent shift of <i>Calanus</i> spp. in the southwestern Norwegian Sea since 2003, linked to ocean climate. <i>ICES Journal of Marine Science</i> , 2016, 73, 1319-1329.	1.2	20
22	Production and fate of copepod fecal pellets across the Southern Indian Ocean. <i>Marine Biology</i> , 2011, 158, 677-688.	0.7	18
23	Review of the composition and current utilization of <i>Calanus finmarchicus</i> – Possibilities for human consumption. <i>Trends in Food Science and Technology</i> , 2018, 79, 10-18.	7.8	17
24	Climate change and oil pollution: A dangerous cocktail for tropical zooplankton. <i>Aquatic Toxicology</i> , 2021, 231, 105718.	1.9	15
25	Environmental niche separation promotes coexistence among ecologically similar zooplankton species – North Sea copepods as a case study. <i>Limnology and Oceanography</i> , 2020, 65, 545-556.	1.6	10
26	Seasonal variations in population dynamics of <i>Calanus finmarchicus</i> in relation to environmental conditions in the southwestern Norwegian Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 171, 103508.	0.6	6
27	Advective loss of overwintering <i>Calanus finmarchicus</i> from the Faroe – Shetland Channel. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 98, 76-82.	0.6	5
28	Biological oceanography across the Southern Indian Ocean – basin scale trends in the zooplankton community. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 75, 16-27.	0.6	4
29	Seasonal strategies in the world’s oceans. <i>Progress in Oceanography</i> , 2020, 189, 102466.	1.5	4
30	Biochemical characteristics of zooplankton entering Atlantic mackerel processing plants in Iceland as side-catch. <i>Food Research International</i> , 2020, 137, 109644.	2.9	1
31	Biochemical characteristics and demography of the marine calanoid copepod <i>Calanus finmarchicus</i> during spring in Icelandic waters. <i>Journal of Plankton Research</i> , 2022, 44, 145-157.	0.8	0