

# Claudia Halsband

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48  
papers

6,953  
citations

25  
h-index

48  
g-index

48  
ext. papers

8,431  
ext. citations

4.3  
avg, IF

6.06  
L-index

#	Paper	IF	Citations
48	Microplastics as contaminants in the marine environment: a review. <i>Marine Pollution Bulletin</i> , <b>2011</b> , 62, 2588-97	6.7	2650
47	Microplastic ingestion by zooplankton. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 6646-55	10.3	1344
46	The impact of polystyrene microplastics on feeding, function and fecundity in the marine copepod <i>Calanus helgolandicus</i> . <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 1130-7	10.3	643
45	Isolation of microplastics in biota-rich seawater samples and marine organisms. <i>Scientific Reports</i> , <b>2014</b> , 4, 4528	4.9	430
44	Microplastics Alter the Properties and Sinking Rates of Zooplankton Faecal Pellets. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 3239-46	10.3	310
43	Aging of microplastics promotes their ingestion by marine zooplankton. <i>Environmental Pollution</i> , <b>2017</b> , 231, 987-996	9.3	201
42	Survey of the chemical defence potential of diatoms: screening of fifty one species for alpha,beta,gamma,delta-unsaturated aldehydes. <i>Journal of Chemical Ecology</i> , <b>2005</b> , 31, 949-58	2.7	145
41	Bridging the gap between marine biogeochemical and fisheries sciences; configuring the zooplankton link. <i>Progress in Oceanography</i> , <b>2014</b> , 129, 176-199	3.8	100
40	Temperature impact on reproduction and development of congener copepod populations. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2002</b> , 271, 121-153	2.1	99
39	The relevance of marine chemical ecology to plankton and ecosystem function: an emerging field. <i>Marine Drugs</i> , <b>2011</b> , 9, 1625-48	6	88
38	Reproductive cycles of dominant calanoid copepods in the North Sea. <i>Marine Ecology - Progress Series</i> , <b>2001</b> , 209, 219-229	2.6	79
37	Temporal variability and community composition of zooplankton at station L4 in the Western Channel: 20 years of sampling. <i>Journal of Plankton Research</i> , <b>2010</b> , 32, 657-679	2.2	78
36	Assessing wave energy effects on biodiversity: the wave hub experience. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2012</b> , 370, 502-29	3	67
35	Effects of elevated CO2 on the reproduction of two calanoid copepods. <i>Marine Pollution Bulletin</i> , <b>2013</b> , 73, 428-34	6.7	60
34	Plastic litter in the European Arctic: What do we know?. <i>Emerging Contaminants</i> , <b>2019</b> , 5, 308-318	5.8	54
33	Reproduction of <i>Pseudocalanus newmani</i> (Copepoda: Calanoida) is deleteriously affected by diatom blooms – A field study. <i>Progress in Oceanography</i> , <b>2005</b> , 67, 332-348	3.8	51
32	Copepod grazing during spring blooms: Does <i>Calanus pacificus</i> avoid harmful diatoms?. <i>Progress in Oceanography</i> , <b>2005</b> , 67, 384-405	3.8	44

31	Life-history strategies of calanoid congeners under two different climate regimes: a comparison. <i>ICES Journal of Marine Science</i> , <b>2004</b> , 61, 709-720	2.7	40
30	Pelagic food-webs in a changing Arctic: a trait-based perspective suggests a mode of resilience. <i>ICES Journal of Marine Science</i> , <b>2018</b> , 75, 1871-1881	2.7	37
29	Seasonal Cycles of Egg Production of Two Planktonic Copepods, <i>Centropages typicus</i> and <i>Temora stylifera</i> , in the North-western Mediterranean Sea. <i>Journal of Plankton Research</i> , <b>2001</b> , 23, 597-609	2.2	35
28	Reproductive success of <i>Calanus pacificus</i> during diatom blooms in Dabob Bay, Washington. <i>Progress in Oceanography</i> , <b>2005</b> , 67, 314-331	3.8	34
27	Copepod grazing during spring blooms: Can <i>Pseudocalanus newmani</i> induce trophic cascades?. <i>Progress in Oceanography</i> , <b>2005</b> , 67, 406-421	3.8	30
26	Winter-spring phytoplankton blooms in Dabob Bay, Washington. <i>Progress in Oceanography</i> , <b>2005</b> , 67, 286-313	3.8	29
25	Mesozooplankton community respiration and its relation to particle flux in the oligotrophic eastern Mediterranean. <i>Global Biogeochemical Cycles</i> , <b>2004</b> , 18, n/a-n/a	5.9	28
24	The balance between microzooplankton grazing and phytoplankton growth in a highly productive estuarine fjord. <i>Progress in Oceanography</i> , <b>2005</b> , 67, 366-383	3.8	25
23	Car Tire Crumb Rubber: Does Leaching Produce a Toxic Chemical Cocktail in Coastal Marine Systems?. <i>Frontiers in Environmental Science</i> , <b>2020</b> , 8,	4.8	25
22	Potential acidification impacts on zooplankton in CCS leakage scenarios. <i>Marine Pollution Bulletin</i> , <b>2013</b> , 73, 495-503	6.7	21
21	Climatic and ecological drivers of euphausiid community structure vary spatially in the Barents Sea: relationships from a long time series (1952-2009). <i>Frontiers in Marine Science</i> , <b>2015</b> , 1,	4.5	21
20	Discovery of <i>Pseudocalanus moultoni</i> () in Northeast Atlantic waters based on mitochondrial COI sequence variation. <i>Journal of Plankton Research</i> , <b>2011</b> , 33, 1487-1495	2.2	20
19	Reproduction, hatching success, and early naupliar survival in <i>Centropages typicus</i> . <i>Progress in Oceanography</i> , <b>2007</b> , 72, 195-213	3.8	20
18	Comparative phylogeography and demographic history of five sibling species of <i>Pseudocalanus</i> (Copepoda: Calanoida) in the North Atlantic Ocean. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2014</b> , 461, 479-488	2.1	17
17	Comparative seasonal dynamics of <i>Centropages typicus</i> at seven coastal monitoring stations in the North Sea, English Channel and Bay of Biscay. <i>Progress in Oceanography</i> , <b>2007</b> , 72, 233-248	3.8	16
16	Development and growth rates of <i>Centropages typicus</i> . <i>Progress in Oceanography</i> , <b>2007</b> , 72, 164-194	3.8	16
15	<i>Metridia pacifica</i> in Dabob Bay, Washington: The diatom effect and the discrepancy between high abundance and low egg production rates. <i>Progress in Oceanography</i> , <b>2005</b> , 67, 422-441	3.8	14
14	Vertical distribution and abundance of <i>Calanus pacificus</i> and <i>Pseudocalanus newmani</i> in relation to chlorophyll a concentrations in Dabob Bay, Washington. <i>Progress in Oceanography</i> , <b>2005</b> , 67, 349-365	3.8	14

13	Feeding rates and prey selectivity of planktonic decapod larvae in the Western English Channel. <i>Marine Biology</i> , <b>2014</b> , 161, 2479-2494	2.5	12
12	Micro-and macro-plastics in marine species from Nordic waters. <i>TemaNord</i> , <b>2017</b> ,	1.8	10
11	Jellyfish summer distribution, diversity and impact on fish farms in a Nordic fjord. <i>Marine Ecology - Progress Series</i> , <b>2018</b> , 591, 267-279	2.6	8
10	Seawater pH Predicted for the Year 2100 Affects the Metabolic Response to Feeding in Copepodites of the Arctic Copepod <i>Calanus glacialis</i> . <i>PLoS ONE</i> , <b>2016</b> , 11, e0168735	3.7	8
9	Microplastics in marine bivalves from the Nordic environment. <i>TemaNord</i> ,	1.8	7
8	Microplastic Fiber Emissions From Wastewater Effluents: Abundance, Transport Behavior and Exposure Risk for Biota in an Arctic Fjord. <i>Frontiers in Environmental Science</i> , <b>2021</b> , 9,	4.8	7
7	The role of local and regional environmental factors for <i>Calanus finmarchicus</i> and <i>C. hyperboreus</i> abundances in the Nordic Seas. <i>Polar Biology</i> , <b>2017</b> , 40, 2363-2380	2	6
6	Interannual phenological variability in two North-East Atlantic populations of <i>Calanus finmarchicus</i> . <i>Marine Biology Research</i> , <b>2018</b> , 14, 752-767	1	5
5	Moving forward in microplastic research: A Norwegian perspective. <i>Environment International</i> , <b>2021</b> , 157, 106794	12.9	4
4	Reduced pH increases mortality and genotoxicity in an Arctic coastal copepod, <i>Acartia longiremis</i> . <i>Aquatic Toxicology</i> , <b>2021</b> , 239, 105961	5.1	1
3	Ecological Impacts of Particulate Plastics in Marine Ecosystems <b>2020</b> , 231-246		
2	Effects of Biofouling on the Sinking Behavior of Microplastics in Aquatic Environments <b>2022</b> , 1-13		
1	Effects of Biofouling on the Sinking Behavior of Microplastics in Aquatic Environments <b>2022</b> , 563-575		