

Claudia Halsband

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

10,080
citations

201385

27
h-index

243296

44
g-index

48
all docs

48
docs citations

48
times ranked

8811
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastics as contaminants in the marine environment: A review. <i>Marine Pollution Bulletin</i> , 2011, 62, 2588-2597.	2.3	3,896
2	Microplastic Ingestion by Zooplankton. <i>Environmental Science & Technology</i> , 2013, 47, 6646-6655.	4.6	1,921
3	The Impact of Polystyrene Microplastics on Feeding, Function and Fecundity in the Marine Copepod <i>Calanus helgolandicus</i> . <i>Environmental Science & Technology</i> , 2015, 49, 1130-1137.	4.6	930
4	Isolation of microplastics in biota-rich seawater samples and marine organisms. <i>Scientific Reports</i> , 2014, 4, 4528.	1.6	704
5	Microplastics Alter the Properties and Sinking Rates of Zooplankton Faecal Pellets. <i>Environmental Science & Technology</i> , 2016, 50, 3239-3246.	4.6	456
6	Aging of microplastics promotes their ingestion by marine zooplankton. <i>Environmental Pollution</i> , 2017, 231, 987-996.	3.7	322
7	Survey of the Chemical Defence Potential of Diatoms: Screening of Fifty Species for $\hat{1}\pm, \hat{1}^2, \hat{1}^3, \hat{1}^r$ -unsaturated aldehydes. <i>Journal of Chemical Ecology</i> , 2005, 31, 949-958.	0.9	158
8	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
9	Temperature impact on reproduction and development of congener copepod populations. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002, 271, 121-153.	0.7	118
10	The Relevance of Marine Chemical Ecology to Plankton and Ecosystem Function: An Emerging Field. <i>Marine Drugs</i> , 2011, 9, 1625-1648.	2.2	106
11	Reproductive cycles of dominant calanoid copepods in the North Sea. <i>Marine Ecology - Progress Series</i> , 2001, 209, 219-229.	0.9	99
12	Temporal variability and community composition of zooplankton at station L4 in the Western Channel: 20 years of sampling. <i>Journal of Plankton Research</i> , 2010, 32, 657-679.	0.8	96
13	Plastic litter in the European Arctic: What do we know?. <i>Emerging Contaminants</i> , 2019, 5, 308-318.	2.2	79
14	Assessing wave energy effects on biodiversity: the Wave Hub experience. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012, 370, 502-529.	1.6	77
15	Pelagic food-webs in a changing Arctic: a trait-based perspective suggests a mode of resilience. <i>ICES Journal of Marine Science</i> , 2018, 75, 1871-1881.	1.2	76
16	Car Tire Crumb Rubber: Does Leaching Produce a Toxic Chemical Cocktail in Coastal Marine Systems?. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	76
17	Effects of elevated CO ₂ on the reproduction of two calanoid copepods. <i>Marine Pollution Bulletin</i> , 2013, 73, 428-434.	2.3	68
18	Copepod grazing during spring blooms: Does <i>Calanus pacificus</i> avoid harmful diatoms?. <i>Progress in Oceanography</i> , 2005, 67, 384-405.	1.5	57

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19	Reproduction of <i>Pseudocalanus newmani</i> (Copepoda: Calanoïda) is deleteriously affected by diatom blooms – A field study. <i>Progress in Oceanography</i> , 2005, 67, 332-348.	1.5	57
20	Life-history strategies of calanoid congeners under two different climate regimes: a comparison. <i>ICES Journal of Marine Science</i> , 2004, 61, 709-720.	1.2	46
21	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> , 2001, 23, 597-609.	0.8	43
22	Reproductive success of <i>Calanus pacificus</i> during diatom blooms in Dabob Bay, Washington. <i>Progress in Oceanography</i> , 2005, 67, 314-331.	1.5	43
23	Winter-spring phytoplankton blooms in Dabob Bay, Washington. <i>Progress in Oceanography</i> , 2005, 67, 286-313.	1.5	38
24	Mesozooplankton community respiration and its relation to particle flux in the oligotrophic eastern Mediterranean. <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.	1.9	37
25	Copepod grazing during spring blooms: Can <i>Pseudocalanus newmani</i> induce trophic cascades?. <i>Progress in Oceanography</i> , 2005, 67, 406-421.	1.5	36
26	The balance between microzooplankton grazing and phytoplankton growth in a highly productive estuarine fjord. <i>Progress in Oceanography</i> , 2005, 67, 366-383.	1.5	33
27	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> , 2015, 1, .	1.2	29
28	Moving forward in microplastic research: A Norwegian perspective. <i>Environment International</i> , 2021, 157, 106794.	4.8	29
29	Comparative phylogeography and demographic history of five sibling species of <i>Pseudocalanus</i> (Copepoda: Calanoïda) in the North Atlantic Ocean. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 461, 479-488.	0.7	28
30	Microplastic Fiber Emissions From Wastewater Effluents: Abundance, Transport Behavior and Exposure Risk for Biota in an Arctic Fjord. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	27
31	Development and growth rates of <i>Centropages typicus</i> . <i>Progress in Oceanography</i> , 2007, 72, 164-194.	1.5	25
32	Potential acidification impacts on zooplankton in CCS leakage scenarios. <i>Marine Pollution Bulletin</i> , 2013, 73, 495-503.	2.3	25
33	Reproduction, hatching success, and early naupliar survival in <i>Centropages typicus</i> . <i>Progress in Oceanography</i> , 2007, 72, 195-213.	1.5	22
34	Discovery of <i>Pseudocalanus moultoni</i> (Frost, 1989) in Northeast Atlantic waters based on mitochondrial COI sequence variation. <i>Journal of Plankton Research</i> , 2011, 33, 1487-1495.	0.8	22
35	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> , 2007, 72, 233-248.	1.5	21
36	Feeding rates and prey selectivity of planktonic decapod larvae in the Western English Channel. <i>Marine Biology</i> , 2014, 161, 2479-2494.	0.7	21

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37	Jellyfish summer distribution, diversity and impact on fish farms in a Nordic fjord. <i>Marine Ecology - Progress Series</i> , 2018, 591, 267-279.	0.9	20
38	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> , 2005, 67, 349-365.	1.5	17
39	<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> , 2005, 67, 422-441.	1.5	16
40	Microplastics in marine bivalves from the Nordic environment. <i>TemaNord</i> , 0, , .	1.3	13
41	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> , 2016, 11, e0168735.	1.1	11
42	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> , 2017, 40, 2363-2380.	0.5	8
43	Interannual phenological variability in two North-East Atlantic populations of <i>Calanus finmarchicus</i> . <i>Marine Biology Research</i> , 2018, 14, 752-767.	0.3	7
44	Reduced pH increases mortality and genotoxicity in an Arctic coastal copepod, <i>Acartia longiremis</i> . <i>Aquatic Toxicology</i> , 2021, 239, 105961.	1.9	5
45	Ecological Impacts of Particulate Plastics in Marine Ecosystems. , 2020, , 231-246.		0
46	Effects of Biofouling on the Sinking Behavior of Microplastics in Aquatic Environments. , 2022, , 1-13.		0
47	Effects of Biofouling on the Sinking Behavior of Microplastics in Aquatic Environments. , 2022, , 563-575.		0