Claudia Halsband

List of Publications by Year
in descending order

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47	10,080	201674	243625
papers	citations	27 h-index	44 g-index

48	48	48	8811
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microplastics as contaminants in the marine environment: A review. Marine Pollution Bulletin, 2011, 62, 2588-2597.	5.0	3,896
2	Microplastic Ingestion by Zooplankton. Environmental Science & Technology, 2013, 47, 6646-6655.	10.0	1,921
3	The Impact of Polystyrene Microplastics on Feeding, Function and Fecundity in the Marine Copepod Calanus helgolandicus. Environmental Science & Technology, 2015, 49, 1130-1137.	10.0	930
4	Isolation of microplastics in biota-rich seawater samples and marine organisms. Scientific Reports, 2014, 4, 4528.	3.3	704
5	Microplastics Alter the Properties and Sinking Rates of Zooplankton Faecal Pellets. Environmental Science & Technology, 2016, 50, 3239-3246.	10.0	456
6	Aging of microplastics promotes their ingestion by marine zooplankton. Environmental Pollution, 2017, 231, 987-996.	7.5	322
7	Survey of the Chemical Defence Potential of Diatoms: Screening of Fifty Species for Î±,Î²,Î³,Î´-unsaturated aldehydes. Journal of Chemical Ecology, 2005, 31, 949-958.	1.8	158
8	Bridging the gap between marine biogeochemical and fisheries sciences; configuring the zooplankton link. Progress in Oceanography, 2014, 129, 176-199.	3.2	146
9	Temperature impact on reproduction and development of congener copepod populations. Journal of Experimental Marine Biology and Ecology, 2002, 271, 121-153.	1.5	118
10	The Relevance of Marine Chemical Ecology to Plankton and Ecosystem Function: An Emerging Field. Marine Drugs, 2011, 9, 1625-1648.	4.6	106
11	Reproductive cycles of dominant calanoid copepods in the North Sea. Marine Ecology - Progress Series, 2001, 209, 219-229.	1.9	99
12	Temporal variability and community composition of zooplankton at station L4 in the Western Channel: 20 years of sampling. Journal of Plankton Research, 2010, 32, 657-679.	1.8	96
13	Plastic litter in the European Arctic: What do we know?. Emerging Contaminants, 2019, 5, 308-318.	4.9	79
14	Assessing wave energy effects on biodiversity: the Wave Hub experience. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 502-529.	3.4	77
15	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
16	Car Tire Crumb Rubber: Does Leaching Produce a Toxic Chemical Cocktail in Coastal Marine Systems?. Frontiers in Environmental Science, 2020, 8, .	3.3	76
17	Effects of elevated CO2 on the reproduction of two calanoid copepods. Marine Pollution Bulletin, 2013, 73, 428-434.	5.0	68
18	Copepod grazing during spring blooms: Does Calanus pacificus avoid harmful diatoms?. Progress in Oceanography, 2005, 67, 384-405.	3.2	57

#	Article	IF	Citations
19	Reproduction of Pseudocalanus newmani (Copepoda: Calanoida) is deleteriously affected by diatom blooms â€“ A field study. Progress in Oceanography, 2005, 67, 332-348.	3.2	57
20	Life-history strategies of calanoid congeners under two different climate regimes: a comparison. ICES Journal of Marine Science, 2004, 61, 709-720.	2.5	46
21	Seasonal Cycles of Egg Production of Two Planktonic Copepods, Centropages typicus and Temora stylifera, in the North-western Mediterranean Sea. Journal of Plankton Research, 2001, 23, 597-609.	1.8	43
22	Reproductive success of Calanus pacificus during diatom blooms in Dabob Bay, Washington. Progress in Oceanography, 2005, 67, 314-331.	3.2	43
23	Winter-spring phytoplankton blooms in Dabob Bay, Washington. Progress in Oceanography, 2005, 67, 286-313.	3.2	38
24	Mesozooplankton community respiration and its relation to particle flux in the oligotrophic eastern Mediterranean. Global Biogeochemical Cycles, 2004, 18, n/a-n/a.	4.9	37
25	Copepod grazing during spring blooms: Can Pseudocalanus newmani induce trophic cascades?. Progress in Oceanography, 2005, 67, 406-421.	3.2	36
26	The balance between microzooplankton grazing and phytoplankton growth in a highly productive estuarine fjord. Progress in Oceanography, 2005, 67, 366-383.	3.2	33
27	Climatic and ecological drivers of euphausiid community structure vary spatially in the Barents Sea: relationships from a long time series (1952Ã¢â‚¬â€œ2009). Frontiers in Marine Science, 2015, 1, .	2.5	29
28	Moving forward in microplastic research: A Norwegian perspective. Environment International, 2021, 157, 106794.	10.0	29
29	Comparative phylogeography and demographic history of five sibling species of Pseudocalanus (Copepoda: Calanoida) in the North Atlantic Ocean. Journal of Experimental Marine Biology and Ecology, 2014, 461, 479-488.	1.5	28
30	Microplastic Fiber Emissions From Wastewater Effluents: Abundance, Transport Behavior and Exposure Risk for Biota in an Arctic Fjord. Frontiers in Environmental Science, 2021, 9, .	3.3	27
31	Development and growth rates of Centropages typicus. Progress in Oceanography, 2007, 72, 164-194.	3.2	25
32	Potential acidification impacts on zooplankton in CCS leakage scenarios. Marine Pollution Bulletin, 2013, 73, 495-503.	5.0	25
33	Reproduction, hatching success, and early naupliar survival in Centropages typicus. Progress in Oceanography, 2007, 72, 195-213.	3.2	22
34	Discovery of Pseudocalanus moultoni (Frost, 1989) in Northeast Atlantic waters based on mitochondrial COI sequence variation. Journal of Plankton Research, 2011, 33, 1487-1495.	1.8	22
35	Comparative seasonal dynamics of Centropages typicus at seven coastal monitoring stations in the North Sea, English Channel and Bay of Biscay. Progress in Oceanography, 2007, 72, 233-248.	3.2	21
36	Feeding rates and prey selectivity of planktonic decapod larvae in the Western English Channel. Marine Biology, 2014, 161, 2479-2494.	1.5	21

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37	Jellyfish summer distribution, diversity and impact on fish farms in a Nordic fjord. Marine Ecology - Progress Series, 2018, 591, 267-279.	1.9	20
38	Vertical distribution and abundance of Calanus pacificus and Pseudocalanus newmani in relation to chlorophyll a concentrations in Dabob Bay, Washington. Progress in Oceanography, 2005, 67, 349-365.	3.2	17
39	Metridia pacifica in Dabob Bay, Washington: The diatom effect and the discrepancy between high abundance and low egg production rates. Progress in Oceanography, 2005, 67, 422-441.	3.2	16
40	Microplastics in marine bivalves from the Nordic environment. TemaNord, 0, , .	1.3	13
41	Seawater pH Predicted for the Year 2100 Affects the Metabolic Response to Feeding in Copepodites of the Arctic Copepod Calanus glacialis. PLoS ONE, 2016, 11, e0168735.	2.5	11
42	The role of local and regional environmental factors for Calanus finmarchicus and C. hyperboreus abundances in the Nordic Seas. Polar Biology, 2017, 40, 2363-2380.	1.2	8
43	Interannual phenological variability in two North-East Atlantic populations of Calanus finmarchicus. Marine Biology Research, 2018, 14, 752-767.	0.7	7
44	Reduced pH increases mortality and genotoxicity in an Arctic coastal copepod, Acartia longiremis. Aquatic Toxicology, 2021, 239, 105961.	4.0	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