Penelope K Lindeque

List of Publications by Year
in descending order

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Version: 2024-02-01

58 papers	13,697 citations	94269 37 h-index	143772 57 g-index
59 all docs	59 docs citations	59 times ranked	10593 citing authors

#	Article	IF	Citations
1	Microplastics as contaminants in the marine environment: A review. Marine Pollution Bulletin, 2011, 62, 2588-2597.	2.3	3,896
2	Microplastic Ingestion by Zooplankton. Environmental Science & Technology, 2013, 47, 6646-6655.	4.6	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.	4.6	930
4	Investigating microplastic trophic transfer in marine top predators. Environmental Pollution, 2018, 238, 999-1007.	3.7	655
5	Bioavailability and effects of microplastics on marine zooplankton: AÂreview. Environmental Pollution, 2019, 245, 98-110.	3.7	560
6	Global ecological, social and economic impacts of marine plastic. Marine Pollution Bulletin, 2019, 142, 189-195.	2.3	490
7	Microplastics Alter the Properties and Sinking Rates of Zooplankton Faecal Pellets. Environmental Science & Technology, 2016, 50, 3239-3246.	4.6	456
8	A small-scale, portable method for extracting microplastics from marine sediments. Environmental Pollution, 2017, 230, 829-837.	3.7	398
9	Microplastic ingestion in fish larvae in the western English Channel. Environmental Pollution, 2017, 226, 250-259.	3.7	339
10	Microplastics and seafood: lower trophic organisms at highest risk of contamination. Ecotoxicology and Environmental Safety, 2020, 190, 110066.	2.9	302
11	Are we underestimating microplastic abundance in the marine environment? A comparison of microplastic capture with nets of different mesh-size. Environmental Pollution, 2020, 265, 114721.	3.7	286
12	Plastic and marine turtles: a review and call for research. ICES Journal of Marine Science, 2016, 73, 165-181.	1.2	261
13	Marine anthropogenic litter on British beaches: A 10-year nationwide assessment using citizen science data. Science of the Total Environment, 2017, 579, 1399-1409.	3.9	220
14	Microplastic ingestion ubiquitous in marine turtles. Global Change Biology, 2019, 25, 744-752.	4.2	210
15	Next Generation Sequencing Reveals the Hidden Diversity of Zooplankton Assemblages. PLoS ONE, 2013, 8, e81327.	1.1	188
16	Marine microplastic debris: a targeted planÂfor understanding and quantifying interactions with marine life. Frontiers in Ecology and the Environment, 2016, 14, 317-324.	1.9	174
17	Metabarcoding of marine zooplankton: prospects, progress and pitfalls. Journal of Plankton Research, 2016, 38, 393-400.	0.8	160
18	Effects of Nylon Microplastic on Feeding, Lipid Accumulation, and Moulting in a Coldwater Copepod. Environmental Science & Technology, 2019, 53, 7075-7082.	4.6	151

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19	Microplastics alter feeding selectivity and faecal density in the copepod, Calanus helgolandicus. Science of the Total Environment, 2019, 687, 780-789.	3.9	147
20	Bridging the gap between marine biogeochemical and fisheries sciences; configuring the zooplankton link. Progress in Oceanography, 2014, 129, 176-199.	1.5	146
21	Microplastics, microfibres and nanoplastics cause variable sub-lethal responses in mussels (Mytilus) Tj ETQq1 1 0.784314 rgBT /Overlock	2.3	131
22	Generation and analysis of a 29,745 unique Expressed Sequence Tags from the Pacific oyster (Crassostrea gigas) assembled into a publicly accessible database: the GigasDatabase. BMC Genomics, 2009, 10, 341.	1.2	127
23	Have we been underestimating the effects of ocean acidification in zooplankton?. Global Change Biology, 2014, 20, 3377-3385.	4.2	125
24	Comparative ecology of over-wintering Calanus finmarchicus in the northern North Atlantic, and implications for life-cycle patterns. ICES Journal of Marine Science, 2004, 61, 698-708.	1.2	108
25	Connected macroalgalâ€sediment systems: blue carbon and food webs in the deep coastal ocean. Ecological Monographs, 2019, 89, e01366.	2.4	103
26	A global review of marine turtle entanglement in anthropogenic debris: a baseline for further action. Endangered Species Research, 2017, 34, 431-448.	1.2	103
27	Measuring Marine Plastic Debris from Space: Initial Assessment of Observation Requirements. Remote Sensing, 2019, 11, 2443.	1.8	97
28	Smells good enough to eat: Dimethyl sulfide (DMS) enhances copepod ingestion of microplastics. Marine Pollution Bulletin, 2019, 138, 1-6.	2.3	81
29	Bioavailability of Microplastics to Marine Zooplankton: Effect of Shape and Infochemicals. Environmental Science & Technology, 2020, 54, 12024-12033.	4.6	79
30	Seasonal dynamics of meroplankton assemblages at station L4. Journal of Plankton Research, 2010, 32, 681-691.	0.8	69
31	Barriers in the pelagic: population structuring ofÂCalanus helgolandicus and C. euxinus in ÂEuropean waters. Marine Ecology - Progress Series, 2011, 428, 135-149.	0.9	52
32	Ocean Acidification Affects the Phyto-Zoo Plankton Trophic Transfer Efficiency. PLoS ONE, 2016, 11, e0151739.	1.1	49
33	Microplastic ingestion in zooplankton from the Fram Strait in the Arctic. Science of the Total Environment, 2022, 831, 154886.	3.9	48
34	Spatial demography of Calanus finmarchicus in the Irminger Sea. Progress in Oceanography, 2008, 76, 39-88.	1.5	47
35	Integrating conventional microscopy and molecular analysis to analyse the abundance and distribution of four Calanus congeners in the North Atlantic. Journal of Plankton Research, 2006, 28, 221-238.	0.8	46
36	Live discrimination of Calanus glacialis and C. finmarchicus females: can we trust phenological differences?. Marine Biology, 2014, 161, 1299-1306.	0.7	46

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37	Diet-related selectivity of macroplastic ingestion in green turtles (Chelonia mydas) in the eastern Mediterranean. Scientific Reports, 2019, 9, 11581.	1.6	43
38	Antifouling paint particles in intertidal estuarine sediments from southwest England and their ingestion by the harbour ragworm, Hediste diversicolor. Environmental Pollution, 2019, 249, 163-170.	3.7	37
39	What goes in, must come out: Combining scatâ€based molecular diet analysis and quantification of ingested microplastics in a marine top predator. Methods in Ecology and Evolution, 2019, 10, 1712-1722.	2.2	36
40	Environmental concentrations of antifouling paint particles are toxic to sediment-dwelling invertebrates. Environmental Pollution, 2021, 268, 115754.	3.7	35
41	Benthic fauna contribute to microplastic sequestration in coastal sediments. Journal of Hazardous Materials, 2021, 415, 125583.	6.5	32
42	Parental exposure to elevated pCO2 influences the reproductive success of copepods. Journal of Plankton Research, 2014, 36, 1165-1174.	0.8	30
43	Contrasting transcriptome response to thermal stress in two key zooplankton species, Calanus finmarchicus and C. glacialis. Marine Ecology - Progress Series, 2015, 534, 79-93.	0.9	30
44	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
45	Genomeâ€and transcriptomeâ€assisted development of nuclear insertion/deletion markers for <scp>C</scp>alanus species (<scp>C</scp>opepoda: <scp>C</scp>alanoida) identification. Molecular Ecology Resources, 2014, 14, 1072-1079.	2.2	29
46	How does Calanus helgolandicus maintain its population in a variable environment? Analysis of a 25-year time series from the English Channel. Progress in Oceanography, 2015, 137, 513-523.	1.5	26
47	De Novo Transcriptome Assembly and Gene Expression Profiling of the Copepod Calanus helgolandicus Feeding on the PUA-Producing Diatom Skeletonema marinoi. Marine Drugs, 2020, 18, 392.	2.2	23
48	Feeding rates and prey selectivity of planktonic decapod larvae in the Western English Channel. Marine Biology, 2014, 161, 2479-2494.	0.7	21
49	Distribution of <i>Calanus</i> spp. as determined using a genetic identification system. Scientia Marina, 2004, 68, 121-128.	0.3	21
50	High-quality RNA extraction from copepods for Next Generation Sequencing: A comparative study. Marine Genomics, 2015, 24, 115-118.	0.4	20
51	Feeding selectivity of bivalve larvae on natural plankton assemblages in the Western English Channel. Marine Biology, 2015, 162, 291-308.	0.7	18
52	Plastic Pollution and Small Juvenile Marine Turtles: A Potential Evolutionary Trap. Frontiers in Marine Science, 2021, 8, .	1.2	16
53	Sagitta setosa predation on Calanus helgolandicus in the English Channel. Journal of Plankton Research, 2010, 32, 725-737.	0.8	14
54	Mortality of Calanus helgolandicus: Sources, differences between the sexes and consumptive and nonconsumptive processes. Limnology and Oceanography, 2018, 63, 1741-1761.	1.6	14

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55	Temporal Transcription of Two Antennapedia Class Homeobox Genes in the Marine Copepod Calanus helgolandicus. Marine Biotechnology, 2003, 5, 604-615.	1.1	12
56	Reduced up-regulation of gene expression in response to elevated temperatures in the mid-Atlantic population of Calanus finmarchicus. Journal of Experimental Marine Biology and Ecology, 2016, 485, 88-93.	0.7	5
57	Red Pigmentation Can Be Used to Reliably Distinguish Between Live Calanus finmarchicus and Calanus glacialis Females in the Fram Strait. Frontiers in Marine Science, 0, 9, .	1.2	3
58	Plastics and Plankton in Our Seas. Frontiers for Young Minds, 0, 9, .	0.8	0