

Penelope K Lindeque

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.

56
papers

8,826
citations

33
h-index

59
g-index

59
ext. papers

11,255
ext. citations

5.9
avg, IF

6.52
L-index

#	Paper	IF	Citations
56	Microplastics as contaminants in the marine environment: a review. <i>Marine Pollution Bulletin</i> , 2011 , 62, 2588-97	6.7	2650
55	Microplastic ingestion by zooplankton. <i>Environmental Science & Technology</i> , 2013 , 47, 6646-55	10.3	1344
54	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, 1130-7	10.3	643
53	Investigating microplastic trophic transfer in marine top predators. <i>Environmental Pollution</i> , 2018 , 238, 999-1007	9.3	397
52	Bioavailability and effects of microplastics on marine zooplankton: A review. <i>Environmental Pollution</i> , 2019 , 245, 98-110	9.3	313
51	Microplastics Alter the Properties and Sinking Rates of Zooplankton Faecal Pellets. <i>Environmental Science & Technology</i> , 2016 , 50, 3239-46	10.3	310
50	Global ecological, social and economic impacts of marine plastic. <i>Marine Pollution Bulletin</i> , 2019 , 142, 189-195	6.7	264
49	Microplastic ingestion in fish larvae in the western English Channel. <i>Environmental Pollution</i> , 2017 , 226, 250-259	9.3	246
48	A small-scale, portable method for extracting microplastics from marine sediments. <i>Environmental Pollution</i> , 2017 , 230, 829-837	9.3	226
47	Plastic and marine turtles: a review and call for research. <i>ICES Journal of Marine Science</i> , 2016 , 73, 165-181	17	169
46	Marine anthropogenic litter on British beaches: A 10-year nationwide assessment using citizen science data. <i>Science of the Total Environment</i> , 2017 , 579, 1399-1409	10.2	146
45	Microplastics and seafood: lower trophic organisms at highest risk of contamination. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 190, 110066	7	137
44	Are we underestimating microplastic abundance in the marine environment? A comparison of microplastic capture with nets of different mesh-size. <i>Environmental Pollution</i> , 2020 , 265, 114721	9.3	127
43	Marine microplastic debris: a targeted plan for understanding and quantifying interactions with marine life. <i>Frontiers in Ecology and the Environment</i> , 2016 , 14, 317-324	5.5	127
42	Microplastic ingestion ubiquitous in marine turtles. <i>Global Change Biology</i> , 2019 , 25, 744-752	11.4	125
41	Next generation sequencing reveals the hidden diversity of zooplankton assemblages. <i>PLoS ONE</i> , 2013 , 8, e81327	3.7	117
40	Generation and analysis of a 29,745 unique Expressed Sequence Tags from the Pacific oyster (<i>Crassostrea gigas</i>) assembled into a publicly accessible database: the GigasDatabase. <i>BMC Genomics</i> , 2009 , 10, 341	4.5	116

39	Have we been underestimating the effects of ocean acidification in zooplankton?. <i>Global Change Biology</i> , 2014 , 20, 3377-85	11.4	110
38	Bridging the gap between marine biogeochemical and fisheries sciences; configuring the zooplankton link. <i>Progress in Oceanography</i> , 2014 , 129, 176-199	3.8	100
37	Metabarcoding of marine zooplankton: prospects, progress and pitfalls. <i>Journal of Plankton Research</i> , 2016 , 38, 393-400	2.2	96
36	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	2.7	90
35	Effects of Nylon Microplastic on Feeding, Lipid Accumulation, and Moulting in a Coldwater Copepod. <i>Environmental Science & Technology</i> , 2019 , 53, 7075-7082	10.3	88
34	Microplastics alter feeding selectivity and faecal density in the copepod, <i>Calanus helgolandicus</i> . <i>Science of the Total Environment</i> , 2019 , 687, 780-789	10.2	71
33	A global review of marine turtle entanglement in anthropogenic debris: a baseline for further action. <i>Endangered Species Research</i> , 2017 , 34, 431-448	2.5	58
32	Seasonal dynamics of meroplankton assemblages at station L4. <i>Journal of Plankton Research</i> , 2010 , 32, 681-691	2.2	57
31	Microplastics, microfibrils and nanoplastics cause variable sub-lethal responses in mussels (<i>Mytilus</i> spp.). <i>Marine Pollution Bulletin</i> , 2020 , 160, 111552	6.7	56
30	Connected macroalgal-sediment systems: blue carbon and food webs in the deep coastal ocean. <i>Ecological Monographs</i> , 2019 , 89, e01366	9	48
29	Smells good enough to eat: Dimethyl sulfide (DMS) enhances copepod ingestion of microplastics. <i>Marine Pollution Bulletin</i> , 2019 , 138, 1-6	6.7	47
28	Measuring Marine Plastic Debris from Space: Initial Assessment of Observation Requirements. <i>Remote Sensing</i> , 2019 , 11, 2443	5	45
27	Spatial demography of <i>Calanus finmarchicus</i> in the Irminger Sea. <i>Progress in Oceanography</i> , 2008 , 76, 39-88	3.8	43
26	Barriers in the pelagic: population structuring of <i>Calanus helgolandicus</i> and <i>C. euxinus</i> in European waters. <i>Marine Ecology - Progress Series</i> , 2011 , 428, 135-149	2.6	40
25	Integrating conventional microscopy and molecular analysis to analyse the abundance and distribution of four <i>Calanus</i> congeners in the North Atlantic. <i>Journal of Plankton Research</i> , 2006 , 28, 221-238	2.3	39
24	Ocean Acidification Affects the Phyto-Zoo Plankton Trophic Transfer Efficiency. <i>PLoS ONE</i> , 2016 , 11, e0151739	3.7	38
23	Live discrimination of <i>Calanus glacialis</i> and <i>C. finmarchicus</i> females: can we trust phenological differences?. <i>Marine Biology</i> , 2014 , 161, 1299-1306	2.5	32
22	Diet-related selectivity of macroplastic ingestion in green turtles (<i>Chelonia mydas</i>) in the eastern Mediterranean. <i>Scientific Reports</i> , 2019 , 9, 11581	4.9	28

21	Parental exposure to elevated pCO influences the reproductive success of copepods. <i>Journal of Plankton Research</i> , 2014 , 36, 1165-1174	2.2	26
20	Antifouling paint particles in intertidal estuarine sediments from southwest England and their ingestion by the harbour ragworm, <i>Hediste diversicolor</i> . <i>Environmental Pollution</i> , 2019 , 249, 163-170	9.3	25
19	Bioavailability of Microplastics to Marine Zooplankton: Effect of Shape and Infochemicals. <i>Environmental Science & Technology</i> , 2020 , 54, 12024-12033	10.3	24
18	What goes in, must come out: Combining scat-based molecular diet analysis and quantification of ingested microplastics in a marine top predator. <i>Methods in Ecology and Evolution</i> , 2019 , 10, 1712-1722	7.7	23
17	Contrasting transcriptome response to thermal stress in two key zooplankton species, <i>Calanus finmarchicus</i> and <i>C. glacialis</i> . <i>Marine Ecology - Progress Series</i> , 2015 , 534, 79-93	2.6	23
16	Genome- and transcriptome-assisted development of nuclear insertion/deletion markers for <i>Calanus</i> species (Copepoda: Calanoida) identification. <i>Molecular Ecology Resources</i> , 2014 , 14, 1072-9	8.4	20
15	Distribution of <i>Calanus</i> spp. as determined using a genetic identification system. <i>Scientia Marina</i> , 2004 , 68, 121-128	1.8	16
14	High-quality RNA extraction from copepods for Next Generation Sequencing: A comparative study. <i>Marine Genomics</i> , 2015 , 24 Pt 1, 115-8	1.9	15
13	How does <i>Calanus helgolandicus</i> maintain its population in a variable environment? Analysis of a 25-year time series from the English Channel. <i>Progress in Oceanography</i> , 2015 , 137, 513-523	3.8	14
12	<i>Sagitta setosa</i> predation on <i>Calanus helgolandicus</i> in the English Channel. <i>Journal of Plankton Research</i> , 2010 , 32, 725-737	2.2	14
11	Feeding rates and prey selectivity of planktonic decapod larvae in the Western English Channel. <i>Marine Biology</i> , 2014 , 161, 2479-2494	2.5	12
10	De Novo Transcriptome Assembly and Gene Expression Profiling of the Copepod Feeding on the PUA-Producing Diatom. <i>Marine Drugs</i> , 2020 , 18,	6	12
9	Temporal transcription of two antennapedia class homeobox genes in the marine copepod <i>Calanus helgolandicus</i> . <i>Marine Biotechnology</i> , 2003 , 5, 604-15	3.4	11
8	Environmental concentrations of antifouling paint particles are toxic to sediment-dwelling invertebrates. <i>Environmental Pollution</i> , 2021 , 268, 115754	9.3	11
7	Mortality of <i>Calanus helgolandicus</i> : Sources, differences between the sexes and consumptive and nonconsumptive processes. <i>Limnology and Oceanography</i> , 2018 , 63, 1741-1761	4.8	8
6	Feeding selectivity of bivalve larvae on natural plankton assemblages in the Western English Channel. <i>Marine Biology</i> , 2015 , 162, 291-308	2.5	8
5	Benthic fauna contribute to microplastic sequestration in coastal sediments. <i>Journal of Hazardous Materials</i> , 2021 , 415, 125583	12.8	8
4	Reduced up-regulation of gene expression in response to elevated temperatures in the mid-Atlantic population of <i>Calanus finmarchicus</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2016 , 485, 88-93	2.1	4

3	Plastic Pollution and Small Juvenile Marine Turtles: A Potential Evolutionary Trap. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	4
2	Microplastic ingestion in zooplankton from the Fram Strait in the Arctic.. <i>Science of the Total Environment</i> , 2022 , 154886	10.2	3
1	Can a key boreal Calanus copepod species now complete its life-cycle in the Arctic? Evidence and implications for Arctic food-webs. <i>Ambio</i> , 2021 , 1	6.5	1