Elaine S Fileman

List of Publications by Citations

29 papers	3,351 citations	16 h-index	31 g-index
31 ext. papers	4,109 ext. citations	4.4 avg, IF	5.32 L-index

#	Paper	IF	Citations
29	Microplastic ingestion by zooplankton. *Environmental Science & Technology*, **2013**, 47, 6646-55	10.3	1344
28	The impact of polystyrene microplastics on feeding, function and fecundity in the marine copepod Calanus helgolandicus. *Environmental Science & Technology*, **2015**, 49, 1130-7	10.3	643
27	Isolation of microplastics in biota-rich seawater samples and marine organisms. *Scientific Reports*, **2014**, 4, 4528	4.9	430
26	Microplastics Alter the Properties and Sinking Rates of Zooplankton Faecal Pellets. *Environmental Science & Technology*, **2016**, 50, 3239-46	10.3	310
25	Marine microplastic debris: a targeted plan for understanding and quantifying interactions with marine life. *Frontiers in Ecology and the Environment*, **2016**, 14, 317-324	5.5	127
24	Microplastics alter feeding selectivity and faecal density in the copepod, Calanus helgolandicus. *Science of the Total Environment*, **2019**, 687, 780-789	10.2	71
23	Effects of elevated CO2 on the reproduction of two calanoid copepods. *Marine Pollution Bulletin*, **2013**, 73, 428-34	6.7	60
22	Smells good enough to eat: Dimethyl sulfide (DMS) enhances copepod ingestion of microplastics. *Marine Pollution Bulletin*, **2019**, 138, 1-6	6.7	47
21	Grazing by Calanus helgolandicus and Para-Pseudocalanus spp. on phytoplankton and protozooplankton during the spring bloom in the Celtic Sea. *Journal of Experimental Marine Biology and Ecology*, **2007**, 348, 70-84	2.1	46
20	Grazing by the copepods Calanus helgolandicus and Acartia clausi on the protozooplankton community at station L4 in the Western English Channel. *Journal of Plankton Research*, **2010**, 32, 709-724	2.2	40
19	The contribution of microzooplankton to the diet of mesozooplankton in an upwelling filament off the north west coast of Spain. *Progress in Oceanography*, **2001**, 51, 385-398	3.8	37
18	The herbivorous impact of microzooplankton during two short-term Lagrangian experiments off the NW coast of Galicia in summer 1998. *Progress in Oceanography*, **2001**, 51, 361-383	3.8	32
17	Microbial dynamics during the decline of a spring diatom bloom in the Northeast Atlantic. *Journal of Plankton Research*, **2007**, 30, 261-273	2.2	20
16	Oithona similislikes it cool: evidence from two long-term time series. *Journal of Plankton Research*, **2016**, 38, 703-717	2.2	18
15	High prey-predator size ratios and unselective feeding in copepods: A seasonal comparison of five species with contrasting feeding modes. *Progress in Oceanography*, **2018**, 165, 63-74	3.8	17
14	Seasonal variation of zooplankton community structure and trophic position in the Celtic Sea: A stable isotope and biovolume spectrum approach. *Progress in Oceanography*, **2019**, 177, 101943	3.8	17
13	Microbial plankton communities in the coastal southeastern Black Sea: biomass, composition and trophic interactions. *Oceanologia*, **2018**, 60, 139-152	2.2	14

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12	Feeding rates and prey selectivity of planktonic decapod larvae in the Western English Channel. *Marine Biology*, **2014**, 161, 2479-2494	2.5	12
11	Plankton community diversity from bacteria to copepods in bloom and non-bloom conditions in the Celtic Sea in spring. *Estuarine, Coastal and Shelf Science*, **2011**, 93, 403-414	2.9	10
10	Comment. What drives plankton seasonality in a stratifying shelf sea? Some competing and complementary theories. *Limnology and Oceanography*, **2018**, 63, 2877-2884	4.8	9
9	Seasonality of Oithona similis and Calanus helgolandicus reproduction and abundance: contrasting responses to environmental variation at a shelf site. *Journal of Plankton Research*, **2018**, 40, 295-310	2.2	8
8	Feeding selectivity of bivalve larvae on natural plankton assemblages in the Western English Channel. *Marine Biology*, **2015**, 162, 291-308	2.5	8
7	Stress of life at the ocean surface: Latitudinal patterns of UV sunscreens in plankton across the Atlantic. *Progress in Oceanography*, **2017**, 158, 171-184	3.8	6
6	Microzooplankton and mesozooplankton in an upwelling filament off Galicia: modelling and sensitivity analysis of the linkages and their impact on the carbon dynamics. *Progress in Oceanography*, **2001**, 51, 499-513	3.8	6
5	Collaborative Deep Learning Models to Handle Class Imbalance in FlowCam Plankton Imagery. *IEEE Access*, **2020**, 8, 170013-170032	3.5	6
4	Resilience of the Copepod Oithona similis to Climatic Variability: Egg Production, Mortality, and Vertical Habitat Partitioning. *Frontiers in Marine Science*, **2020**, 7,	4.5	5
3	Increasing nutrient stress reduces the efficiency of energy transfer through planktonic size spectra. *Limnology and Oceanography*, **2021**, 66, 422-437	4.8	5
2	Video-Based Real Time Analysis of Plankton Particle Size Spectrum. *IEEE Access*, **2019**, 7, 60020-60025	3.5	2
1	Reprint of: High prey-predator size ratios and unselective feeding in copepods: A seasonal comparison of five species with contrasting feeding modes. *Progress in Oceanography*, **2019**, 177, 102039	3.8	1