

Elaine S Fileman

List of Publications by Year in Descending Order

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Version: 2024-04-20

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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.

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	Increasing nutrient stress reduces the efficiency of energy transfer through planktonic size spectra. <i>Limnology and Oceanography</i> , 2021 , 66, 422-437	4.8	5
28	Resilience of the Copepod <i>Oithona similis</i> to Climatic Variability: Egg Production, Mortality, and Vertical Habitat Partitioning. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	5
27	Collaborative Deep Learning Models to Handle Class Imbalance in FlowCam Plankton Imagery. <i>IEEE Access</i> , 2020 , 8, 170013-170032	3.5	6
26	Video-Based Real Time Analysis of Plankton Particle Size Spectrum. <i>IEEE Access</i> , 2019 , 7, 60020-60025	3.5	2
25	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
24	Reprint of: High prey-predator size ratios and unselective feeding in copepods: A seasonal comparison of five species with contrasting feeding modes. <i>Progress in Oceanography</i> , 2019 , 177, 102039	3.8	1
23	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
22	Seasonal variation of zooplankton community structure and trophic position in the Celtic Sea: A stable isotope and biovolume spectrum approach. <i>Progress in Oceanography</i> , 2019 , 177, 101943	3.8	17
21	Seasonality of <i>Oithona similis</i> and <i>Calanus helgolandicus</i> reproduction and abundance: contrasting responses to environmental variation at a shelf site. <i>Journal of Plankton Research</i> , 2018 , 40, 295-310	2.2	8
20	High prey-predator size ratios and unselective feeding in copepods: A seasonal comparison of five species with contrasting feeding modes. <i>Progress in Oceanography</i> , 2018 , 165, 63-74	3.8	17
19	Microbial plankton communities in the coastal southeastern Black Sea: biomass, composition and trophic interactions. <i>Oceanologia</i> , 2018 , 60, 139-152	2.2	14
18	Comment. What drives plankton seasonality in a stratifying shelf sea? Some competing and complementary theories. <i>Limnology and Oceanography</i> , 2018 , 63, 2877-2884	4.8	9
17	Stress of life at the ocean's surface: Latitudinal patterns of UV sunscreens in plankton across the Atlantic. <i>Progress in Oceanography</i> , 2017 , 158, 171-184	3.8	6
16	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
15	Microplastics Alter the Properties and Sinking Rates of Zooplankton Faecal Pellets. <i>Environmental Science & Technology</i> , 2016 , 50, 3239-46	10.3	310
14	<i>Oithona similis</i> likes it cool: evidence from two long-term time series. <i>Journal of Plankton Research</i> , 2016 , 38, 703-717	2.2	18
13	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

12	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
11	Isolation of microplastics in biota-rich seawater samples and marine organisms. <i>Scientific Reports</i> , 2014 , 4, 4528	4.9	430
10	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
9	Effects of elevated CO ₂ on the reproduction of two calanoid copepods. <i>Marine Pollution Bulletin</i> , 2013 , 73, 428-34	6.7	60
8	Microplastic ingestion by zooplankton. <i>Environmental Science & Technology</i> , 2013 , 47, 6646-55	10.3	1344
7	Plankton community diversity from bacteria to copepods in bloom and non-bloom conditions in the Celtic Sea in spring. <i>Estuarine, Coastal and Shelf Science</i> , 2011 , 93, 403-414	2.9	10
6	Grazing by the copepods <i>Calanus helgolandicus</i> and <i>Acartia clausi</i> on the protozooplankton community at station L4 in the Western English Channel. <i>Journal of Plankton Research</i> , 2010 , 32, 709-724 ^{2.2}	2.2	40
5	Grazing by <i>Calanus helgolandicus</i> and <i>Para-Pseudocalanus</i> spp. on phytoplankton and protozooplankton during the spring bloom in the Celtic Sea. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007 , 348, 70-84	2.1	46
4	Microbial dynamics during the decline of a spring diatom bloom in the Northeast Atlantic. <i>Journal of Plankton Research</i> , 2007 , 30, 261-273	2.2	20
3	The herbivorous impact of microzooplankton during two short-term Lagrangian experiments off the NW coast of Galicia in summer 1998. <i>Progress in Oceanography</i> , 2001 , 51, 361-383	3.8	32
2	The contribution of microzooplankton to the diet of mesozooplankton in an upwelling filament off the north west coast of Spain. <i>Progress in Oceanography</i> , 2001 , 51, 385-398	3.8	37
1	Microzooplankton and mesozooplankton in an upwelling filament off Galicia: modelling and sensitivity analysis of the linkages and their impact on the carbon dynamics. <i>Progress in Oceanography</i> , 2001 , 51, 499-513	3.8	6