

Matthew Cole

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.

27
papers

8,669
citations

23
h-index

29
g-index

29
ext. papers

11,226
ext. citations

8
avg, IF

6.67
L-index

#	Paper	IF	Citations
27	Microplastics as contaminants in the marine environment: a review. <i>Marine Pollution Bulletin</i> , 2011 , 62, 2588-97	6.7	2650
26	Microplastic ingestion by zooplankton. <i>Environmental Science & Technology</i> , 2013 , 47, 6646-55	10.3	1344
25	Interactions of microplastic debris throughout the marine ecosystem. <i>Nature Ecology and Evolution</i> , 2017 , 1, 116	12.3	685
24	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
23	Are We Speaking the Same Language? Recommendations for a Definition and Categorization Framework for Plastic Debris. <i>Environmental Science & Technology</i> , 2019 , 53, 1039-1047	10.3	638
22	Isolation of microplastics in biota-rich seawater samples and marine organisms. <i>Scientific Reports</i> , 2014 , 4, 4528	4.9	430
21	Ingestion of Nanoplastics and Microplastics by Pacific Oyster Larvae. <i>Environmental Science & Technology</i> , 2015 , 49, 14625-32	10.3	325
20	Microplastics Alter the Properties and Sinking Rates of Zooplankton Faecal Pellets. <i>Environmental Science & Technology</i> , 2016 , 50, 3239-46	10.3	310
19	Global ecological, social and economic impacts of marine plastic. <i>Marine Pollution Bulletin</i> , 2019 , 142, 189-195	6.7	264
18	Microplastic ingestion in fish larvae in the western English Channel. <i>Environmental Pollution</i> , 2017 , 226, 250-259	9.3	246
17	Occurrence, sources, human health impacts and mitigation of microplastic pollution. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 36046-36063	5.1	191
16	Microplastics and seafood: lower trophic organisms at highest risk of contamination. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 190, 110066	7	137
15	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
14	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
13	A novel method for preparing microplastic fibers. <i>Scientific Reports</i> , 2016 , 6, 34519	4.9	121
12	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
11	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

10	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
9	Abundance and properties of microplastics found in commercial fish meal and cultured common carp (<i>Cyprinus carpio</i>). <i>Environmental Science and Pollution Research</i> , 2019 , 26, 23777-23787	5.1	48
8	Measuring Marine Plastic Debris from Space: Initial Assessment of Observation Requirements. <i>Remote Sensing</i> , 2019 , 11, 2443	5	45
7	Close encounters - microplastic availability to pelagic amphipods in sub-antarctic and antarctic surface waters. <i>Environment International</i> , 2020 , 140, 105792	12.9	27
6	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
5	Bioavailability of Microplastics to Marine Zooplankton: Effect of Shape and Infochemicals. <i>Environmental Science & Technology</i> , 2020 , 54, 12024-12033	10.3	24
4	Microplastics in Marine Food Webs 2018 , 339-363		18
3	Response to the Letter to the Editor Regarding Our Feature "Are We Speaking the Same Language? Recommendations for a Definition and Categorization Framework for Plastic Debris". <i>Environmental Science & Technology</i> , 2019 , 53, 4678-4679	10.3	12
2	Environmental concentrations of antifouling paint particles are toxic to sediment-dwelling invertebrates. <i>Environmental Pollution</i> , 2021 , 268, 115754	9.3	11
1	The Effects of Combined Ocean Acidification and Nanoplastic Exposures on the Embryonic Development of Antarctic Krill. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	6