

The deep sea is a major sink for microplastic debris

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Microplastics in Arctic polar waters: the first reported values of particles in surface and sub-surface samples. Scientific Reports, 2015, 5, 14947.	1.6	758
2	Bioaccumulation and biological effects of cigarette litter in marine worms. Scientific Reports, 2015, 5, 14119.	1.6	83
3	MantaRay: A novel autonomous sampling instrument for in situ measurements of environmental microplastic particle concentrations. , 2015, , .		9
4	Out of sight, but no longer out of mind: Microplastics as a global pollutant. Integrated Environmental Assessment and Management, 2015, 11, 721-722.	1.6	19
5	Does size and buoyancy affect the long-distance transport of floating debris?. Environmental Research Letters, 2015, 10, 084019.	2.2	183
6	Microplastics in Marine Environments: Possible Interactions with the Microbial Assemblage. Journal of Pollution Effects & Control, 2015, 03, .	0.1	13
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8	Microplastics present pollution puzzle. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5547-5549.	3.3	59
9	An evaluation of surface micro- and mesoplastic pollution in pelagic ecosystems of the Western Mediterranean Sea. Environmental Science and Pollution Research, 2015, 22, 12190-12197.	2.7	135
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11	The impact of debris on marine life. Marine Pollution Bulletin, 2015, 92, 170-179.	2.3	1,415
12	Microplastics: addressing ecological risk through lessons learned. Environmental Toxicology and Chemistry, 2015, 34, 945-953.	2.2	244
13	Microplastic and macroplastic ingestion by a deep diving, oceanic cetacean: The True's beaked whale Mesoplodon mirus. Environmental Pollution, 2015, 199, 185-191.	3.7	455
14	Marine litter on the floor of deep submarine canyons of the Northwestern Mediterranean Sea: The role of hydrodynamic processes. Progress in Oceanography, 2015, 134, 379-403.	1.5	176
15	Microplastics in the Marine Environment: Distribution, Interactions and Effects. , 2015, , 245-307.		229
16	Microplastics in the Marine Environment: Sources, Consequences and Solutions. , 2015, , 185-200.		162
17	Global Distribution, Composition and Abundance of Marine Litter. , 2015, , 29-56.		250
18	Marine Anthropogenic Litter. , 2015, , .		411

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19	Interactions between microplastics and phytoplankton aggregates: Impact on their respective fates. <i>Marine Chemistry</i> , 2015, 175, 39-46.	0.9	511
20	Accumulation of floating microplastics behind the Three Gorges Dam. <i>Environmental Pollution</i> , 2015, 204, 117-123.	3.7	371
21	Using a forensic science approach to minimize environmental contamination and to identify microfibrils in marine sediments. <i>Marine Pollution Bulletin</i> , 2015, 95, 40-46.	2.3	258
22	Deep-sea litter: a comparison of seamounts, banks and a ridge in the Atlantic and Indian Oceans reveals both environmental and anthropogenic factors impact accumulation and composition. <i>Frontiers in Marine Science</i> , 2015, 2, .	1.2	100
23	Environmental Change in the Deep Ocean. <i>Annual Review of Environment and Resources</i> , 2015, 40, 1-38.	5.6	61
24	Microplastic Pollution in Table Salts from China. <i>Environmental Science & Technology</i> , 2015, 49, 13622-13627.	4.6	703
25	A critical view on microplastic quantification in aquatic organisms. <i>Environmental Research</i> , 2015, 143, 46-55.	3.7	352
26	Detection of Anthropogenic Particles in Fish Stomachs: An Isolation Method Adapted to Identification by Raman Spectroscopy. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 69, 331-339.	2.1	229
27	Screening for microplastic particles in plankton samples: How to integrate marine litter assessment into existing monitoring programs?. <i>Marine Pollution Bulletin</i> , 2015, 99, 271-275.	2.3	85
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30	Silent spring in the ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11752-11753.	3.3	17
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32	Ingestion of Nanoplastics and Microplastics by Pacific Oyster Larvae. <i>Environmental Science & Technology</i> , 2015, 49, 14625-14632.	4.6	453
33	Ingestion of microplastics by commercial fish off the Portuguese coast. <i>Marine Pollution Bulletin</i> , 2015, 101, 119-126.	2.3	686
34	Marine microplastic-associated biofilms – a review. <i>Environmental Chemistry</i> , 2015, 12, 551.	0.7	346
35	Bottles, bags, ropes and toothbrushes: the struggle to track ocean plastics. <i>Nature</i> , 2016, 536, 263-265.	13.7	80
36	Plastic Pollution from Ships. <i>Journal of Maritime & Transportation Science</i> , 2016, 51, 57-66.	0.2	8

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42	Observations of floating anthropogenic litter in the Barents Sea and Fram Strait, Arctic. Polar Biology, 2016, 39, 553-560.	0.5	76
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45	Release of synthetic microplastic plastic fibres from domestic washing machines: Effects of fabric type and washing conditions. Marine Pollution Bulletin, 2016, 112, 39-45.	2.3	977
46	Sources, Distribution, and Fate of Microscopic Plastics in Marine Environments. Handbook of Environmental Chemistry, 2016, , 121-133.	0.2	13
47	Floating plastic debris in the Central and Western Mediterranean Sea. Marine Environmental Research, 2016, 120, 136-144.	1.1	122
48	Anthropogenic microfibrils pollution in marine biota. A new and simple methodology to minimize airborne contamination. Marine Pollution Bulletin, 2016, 113, 55-61.	2.3	130
49	Suspended micro-sized PVC particles impair the performance and decrease survival in the Asian green mussel <i>Perna viridis</i> . Marine Pollution Bulletin, 2016, 111, 213-220.	2.3	146
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62	Selectivity of flesh-footed shearwaters for plastic colour: Evidence for differential provisioning in adults and fledglings. Marine Environmental Research, 2016, 113, 1-6.	1.1	39
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71	Characterisation of nanoplastics during the degradation of polystyrene. Chemosphere, 2016, 145, 265-268.	4.2	708
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74	Is the feeding type related with the content of microplastics in intertidal fish gut?. <i>Marine Pollution Bulletin</i> , 2017, 116, 498-500.	2.3	229
75	Microplastics in freshwater and terrestrial environments: Evaluating the current understanding to identify the knowledge gaps and future research priorities. <i>Science of the Total Environment</i> , 2017, 586, 127-141.	3.9	2,188
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84	Anthropogenic fibres in the Baltic Sea water column: Field data, laboratory and numerical testing of their motion. <i>Science of the Total Environment</i> , 2017, 599-600, 560-571.	3.9	135
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95	Microplastics Sampling and Sample Handling. <i>Comprehensive Analytical Chemistry</i> , 2017, 75, 25-47.	0.7	15
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97	A review of analytical techniques for quantifying microplastics in sediments. <i>Analytical Methods</i> , 2017, 9, 1369-1383.	1.3	305
98	Microplastics and mesoplastics in fish from coastal and fresh waters of China. <i>Environmental Pollution</i> , 2017, 221, 141-149.	3.7	657
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110	The Deposition and Accumulation of Microplastics in Marine Sediments and Bottom Water from the Irish Continental Shelf. Scientific Reports, 2017, 7, 10772.	1.6	263
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116	Lost, but Found with Nile Red: A Novel Method for Detecting and Quantifying Small Microplastics (1) Tj ETQq1 1 0.784314 rgBT /Over 4.6 519	4.6	519
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128	Distribution and Modeled Transport of Plastic Pollution in the Great Lakes, the World's Largest Freshwater Resource. <i>Frontiers in Environmental Science</i> , 2017, 5, .	1.5	100
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132	Environmental, Social, and Economic Impacts. , 2017, , 57-126.		0
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134	Marine Debris. , 0, , 389-408.		1
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137	Three-dimensional distribution of anthropogenic microparticles in the body of sandy beaches. <i>Science of the Total Environment</i> , 2018, 628-629, 1340-1351.	3.9	77
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139	Advancement and Challenges of Microplastic Pollution in the Aquatic Environment: a Review. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	56
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146	Catalytic Gas-Phase Production of Lactide from Renewable Alkyl Lactates. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3074-3078.	7.2	71
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149	Assessment tools for microplastics and natural fibres ingested by fish in an urbanised estuary. <i>Environmental Pollution</i> , 2018, 234, 552-561.	3.7	145
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155	A review of methods for measuring microplastics in aquatic environments. <i>Environmental Science and Pollution Research</i> , 2018, 25, 11319-11332.	2.7	231
156	Evidence that the Great Pacific Garbage Patch is rapidly accumulating plastic. <i>Scientific Reports</i> , 2018, 8, 4666.	1.6	1,037
157	Massive shelf dense water flow influences plankton community structure and particle transport over long distance. <i>Scientific Reports</i> , 2018, 8, 4554.	1.6	7
158	Environmentally relevant microplastic exposure affects sediment-dwelling bivalves. <i>Environmental Pollution</i> , 2018, 236, 652-660.	3.7	147
159	Catalytic Gas-Phase Production of Lactide from Renewable Alkyl Lactates. <i>Angewandte Chemie</i> , 2018, 130, 3128-3132.	1.6	18
160	Quantification and characterization of microplastics in blue mussels (<i>Mytilus edulis</i>): protocol setup and preliminary data on the contamination of the French Atlantic coast. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6135-6144.	2.7	104
161	Anthropogenic microlitter in the Baltic Sea water column. <i>Marine Pollution Bulletin</i> , 2018, 129, 918-923.	2.3	60
162	Factors influencing the microplastic contamination of bivalves from the French Atlantic coast: Location, season and/or mode of life?. <i>Marine Pollution Bulletin</i> , 2018, 129, 664-674.	2.3	217

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164	Microplastic: What Are the Solutions?. <i>Handbook of Environmental Chemistry</i> , 2018, , 273-298.	0.2	42
165	Geoenvironmental Engineering in a Global Environment. , 2018, , 3-42.		0
166	Microplastic-Associated Biofilms: A Comparison of Freshwater and Marine Environments. <i>Handbook of Environmental Chemistry</i> , 2018, , 181-201.	0.2	85
167	Ingestion and fragmentation of plastic carrier bags by the amphipod <i>Orchestia gammarellus</i> : Effects of plastic type and fouling load. <i>Marine Pollution Bulletin</i> , 2018, 127, 154-159.	2.3	81
168	Balloon AUV: Seawater Sampling AUV Using Active Buoyancy Control. , 2018, , .		4
169	Macrodebris and microplastic distribution in the beaches of Rameswaram Coral Island, Gulf of Mannar, Southeast coast of India: A first report. <i>Marine Pollution Bulletin</i> , 2018, 137, 610-616.	2.3	89
170	The imprint of microfibrils in southern European deep seas. <i>PLoS ONE</i> , 2018, 13, e0207033.	1.1	139
171	Microplastics in Aquatic Systems – Monitoring Methods and Biological Consequences. , 2018, , 179-195.		5
172	Global Pattern of Microplastics (MPs) in Commercial Food-Grade Salts: Sea Salt as an Indicator of Seawater MP Pollution. <i>Environmental Science & Technology</i> , 2018, 52, 12819-12828.	4.6	242
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