

# Life in the "Plastisphere": Microbial Communities

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Citation Report

#	ARTICLE	IF	CITATIONS
2	The plastic-associated microorganisms of the North Pacific Gyre. <i>Marine Pollution Bulletin</i> , 2013, 75, 126-132.	2.3	264
3	Microplastic ingestion decreases energy reserves in marine worms. <i>Current Biology</i> , 2013, 23, R1031-R1033.	1.8	805
4	Contamination of beach sediments of a subalpine lake with microplastic particles. <i>Current Biology</i> , 2013, 23, R867-R868.	1.8	519
5	Marine microbes in the Plastic Age. <i>Microbiology Australia</i> , 2014, 35, 207.	0.1	19
6	Plastic Pollution in the World's Oceans: More than 5 Trillion Plastic Pieces Weighing over 250,000 Tons Afloat at Sea. <i>PLoS ONE</i> , 2014, 9, e111913.	1.1	3,144
7	Millimeter-Sized Marine Plastics: A New Pelagic Habitat for Microorganisms and Invertebrates. <i>PLoS ONE</i> , 2014, 9, e100289.	1.1	363
8	Spatial and seasonal variation in diversity and structure of microbial biofilms on marine plastics in Northern European waters. <i>FEMS Microbiology Ecology</i> , 2014, 90, 478-492.	1.3	376
9	An assessment of natural product discovery from marine ( <i>sensu strictu</i> ) and marine-derived fungi. <i>Mycology</i> , 2014, 5, 145-167.	2.0	65
10	Rapid bacterial colonization of low-density polyethylene microplastics in coastal sediment microcosms. <i>BMC Microbiology</i> , 2014, 14, 232.	1.3	400
11	Egypt's Red Sea coast: phylogenetic analysis of cultured microbial consortia in industrialized sites. <i>Frontiers in Microbiology</i> , 2014, 5, 363.	1.5	16
12	Oligotyping reveals community level habitat selection within the genus <i>Vibrio</i> . <i>Frontiers in Microbiology</i> , 2014, 5, 563.	1.5	56
13	Plastic debris in the open ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10239-10244.	3.3	2,157
14	Plastics in the marine environment. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 5-10.	2.2	115
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16	Zooplankton-associated and free-living bacteria in the York River, Chesapeake Bay: comparison of seasonal variations and controlling factors. <i>Hydrobiologia</i> , 2014, 722, 305-318.	1.0	4
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19	Evidence of Polyethylene Biodegradation by Bacterial Strains from the Guts of Plastic-Eating Waxworms. <i>Environmental Science &amp; Technology</i> , 2014, 48, 13776-13784.	4.6	646

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21	Distribution of Surface Plastic Debris in the Eastern Pacific Ocean from an 11-Year Data Set. <i>Environmental Science &amp; Technology</i> , 2014, 48, 4732-4738.	4.6	382
22	ES&T's Best Papers of 2013: Under Pressure. <i>Environmental Science &amp; Technology</i> , 2014, 48, 3601-3602.	4.6	1
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28	Seaweeds and plastic debris can influence the survival of faecal indicator organisms in beach environments. <i>Marine Pollution Bulletin</i> , 2014, 84, 201-207.	2.3	56
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38	The discharge of certain amounts of industrial microplastic from a production plant into the River Danube is permitted by the Austrian legislation. <i>Environmental Pollution</i> , 2015, 200, 159-160.	3.7	175

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40	Identification and Quantification of Microplastics in Wastewater Using Focal Plane Array-Based Reflectance Micro-FT-IR Imaging. <i>Analytical Chemistry</i> , 2015, 87, 6032-6040.	3.2	467
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43	Ingestion of Plastic Microfibers by the Crab <i>Carcinus maenas</i> and Its Effect on Food Consumption and Energy Balance. <i>Environmental Science &amp; Technology</i> , 2015, 49, 14597-14604.	4.6	404
44	Bioengineering the biosphere?. <i>Ecological Complexity</i> , 2015, 22, 40-49.	1.4	44
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161	Morphological and Physical Characterization of Microplastics. <i>Comprehensive Analytical Chemistry</i> , 2017, 75, 49-66.	0.7	46
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165	Threat to human health from environmental plastics. <i>BMJ: British Medical Journal</i> , 2017, 358, j4334.	2.4	18
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835	Biofouling impacts on polyethylene density and sinking in coastal waters: A macro/micro tipping point?. <i>Water Research</i> , 2021, 201, 117289.	5.3	70
836	Foliar uptake and leaf-to-root translocation of nanoplastics with different coating charge in maize plants. <i>Journal of Hazardous Materials</i> , 2021, 416, 125854.	6.5	149
837	Degradation of polyethylene plastic in soil and effects on microbial community composition. <i>Journal of Hazardous Materials</i> , 2021, 416, 126173.	6.5	77
838	Polystyrene nanoplastics alter virus replication in orange-spotted grouper ( <i>Epinephelus coioides</i> ) spleen and brain tissues and spleen cells. <i>Journal of Hazardous Materials</i> , 2021, 416, 125918.	6.5	22
839	Distribution and transport of microplastic and fine particulate organic matter in urban streams. <i>Ecological Applications</i> , 2021, 31, e02429.	1.8	9
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849	Litter contamination at a salt marsh: An ecological niche for biofouling in South Brazil. <i>Environmental Pollution</i> , 2021, 285, 117647.	3.7	8
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890	Biodegradation of foam plastics by <i>Zophobas atratus</i> larvae (Coleoptera: Tenebrionidae) associated with changes of gut digestive enzymes activities and microbiome. <i>Chemosphere</i> , 2021, 282, 131006.	4.2	45
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936	Plastics: An Additional Threat for Coral Ecosystems. , 2020, , 469-485.		6
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