

Impacts of Biofilm Formation on the Fate and Potential Aquatic Environment

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Surfing and dining on the "plastisphere" Microbial life on plastic marine debris. <i>Advances in Oceanography and Limnology</i> , 2017, 8, .	0.2	45
2	Evidence for selective bacterial community structuring on microplastics. <i>Environmental Microbiology</i> , 2018, 20, 2796-2808.	1.8	261
3	Interaction of toxic chemicals with microplastics: A critical review. <i>Water Research</i> , 2018, 139, 208-219.	5.3	612
4	The impact of nanoplastics on marine dissolved organic matter assembly. <i>Science of the Total Environment</i> , 2018, 634, 316-320.	3.9	58
5	Trophic transfer of microplastics and mixed contaminants in the marine food web and implications for human health. <i>Environment International</i> , 2018, 115, 400-409.	4.8	843
6	Microplastics: An introduction to environmental transport processes. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018, 5, e1268.	2.8	328
7	What we know and what we think we know about microplastic effects " A critical perspective. <i>Current Opinion in Environmental Science and Health</i> , 2018, 1, 41-46.	2.1	102
8	Micro(nanoplastics) in the marine environment: Current knowledge and gaps. <i>Current Opinion in Environmental Science and Health</i> , 2018, 1, 47-51.	2.1	132
9	Formation of microplastics by polychaetes (<i>Marphysa sanguinea</i>) inhabiting expanded polystyrene marine debris. <i>Marine Pollution Bulletin</i> , 2018, 131, 365-369.	2.3	72
10	Polystyrene microplastics increase microbial release of marine Chromophoric Dissolved Organic Matter in microcosm experiments. <i>Scientific Reports</i> , 2018, 8, 14635.	1.6	58
11	Microplastic Detection in Soil Amended With Municipal Solid Waste Composts as Revealed by Transmission Electronic Microscopy and Pyrolysis/GC/MS. <i>Frontiers in Sustainable Food Systems</i> , 2018, 2, .	1.8	109
12	Polymer Identification of Plastic Debris Ingested by Pelagic-Phase Sea Turtles in the Central Pacific. <i>Environmental Science & Technology</i> , 2018, 52, 11535-11544.	4.6	18
13	Substratum-Associated Microbiota. <i>Water Environment Research</i> , 2018, 90, 1171-1205.	1.3	5
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15	<i>Thalassia testudinum</i> as a potential vector for incorporating microplastics into benthic marine food webs. <i>Marine Pollution Bulletin</i> , 2018, 135, 1085-1089.	2.3	131
16	Textural, surface and chemical properties of polyvinyl chloride particles degraded in a simulated environment. <i>Marine Pollution Bulletin</i> , 2018, 133, 392-401.	2.3	39
17	Marine Microplastics: Abundance, Distribution, and Composition. , 2018, , 1-26.		46
18	Occurrence of microplastics in the water column and sediment in an inland sea affected by intensive anthropogenic activities. <i>Environmental Pollution</i> , 2018, 242, 1557-1565.	3.7	242

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19	Constraints and Priorities for Conducting Experimental Exposures of Marine Organisms to Microplastics. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	178
20	Environmental Factors Support the Formation of Specific Bacterial Assemblages on Microplastics. <i>Frontiers in Microbiology</i> , 2017, 8, 2709.	1.5	349
21	Influence of thermooxidative degradation on the in situ fate of polyethylene in temperate coastal waters. <i>Marine Pollution Bulletin</i> , 2018, 135, 187-194.	2.3	64
22	Occurrence and distribution of microplastics in an urban river: A case study in the Pearl River along Guangzhou City, China. <i>Science of the Total Environment</i> , 2018, 644, 375-381.	3.9	364
23	Degradation of plastics and plastic-degrading bacteria in cold marine habitats. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7669-7678.	1.7	340
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27	Plastics: Colonization and Degradation. , 2019, , 639-639.		3
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29	An exploratory ecotoxicity study of primary microplastics versus aged in natural waters and wastewaters. <i>Environmental Pollution</i> , 2019, 254, 112980.	3.7	56
30	The sea urchin <i>Paracentrotus lividus</i> as a bioeroder of plastic. <i>Science of the Total Environment</i> , 2019, 693, 133621.	3.9	36
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32	From macroplastics to microplastics: Role of water in the fragmentation of polyethylene. <i>Chemosphere</i> , 2019, 236, 124409.	4.2	186
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36	Retention of microplastics in sediments of urban and highway stormwater retention ponds. <i>Environmental Pollution</i> , 2019, 255, 113335.	3.7	112

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38	Occurrence of microplastics in the hyporheic zone of rivers. <i>Scientific Reports</i> , 2019, 9, 15256.	1.6	136
39	Phase Transition and Superconductivity Enhancement in Se-Substituted MoTe ₂ Thin Films. <i>Advanced Materials</i> , 2019, 31, e1904641.	11.1	34
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42	Ingestion of polyethylene microbeads affects the growth and reproduction of medaka, <i>Oryzias latipes</i> . <i>Environmental Pollution</i> , 2019, 254, 113094.	3.7	16
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51	An Approach to Modeling Biofilm Growth During the Flocculation of Suspended Cohesive Sediments. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 4098-4116.	1.0	9
52	The composition of bacterial communities associated with plastic biofilms differs between different polymers and stages of biofilm succession. <i>PLoS ONE</i> , 2019, 14, e0217165.	1.1	190
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96	Spatial structure in the "Plastisphere": Molecular resources for imaging microscopic communities on plastic marine debris. <i>Molecular Ecology Resources</i> , 2020, 20, 620-634.	2.2	66
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