

# Plastic Pollution and Potential Solutions

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Long-term aquaria study suggests species-specific responses of two cold-water corals to macro-and microplastics exposure. <i>Environmental Pollution</i> , 2019, 253, 322-329.	3.7	61
2	Evaluation of single and combined effects of cadmium and micro-plastic particles on biochemical and immunological parameters of common carp ( <i>Cyprinus carpio</i> ). <i>Chemosphere</i> , 2019, 236, 124335.	4.2	175
3	Microplastics in a Stormwater Pond. <i>Water (Switzerland)</i> , 2019, 11, 1466.	1.2	88
4	Solving the plastic problem: From cradle to grave, to reincarnation. <i>Science Progress</i> , 2019, 102, 218-248.	1.0	63
5	Studies on Chemical IR Images of Poly(hydroxybutyrate-co-hydroxyhexanoate)/Poly(ethylene glycol) Blends and Two-Dimensional Correlation Spectroscopy. <i>Polymers</i> , 2019, 11, 507.	2.0	12
6	Global Plastic Waste Pollution Challenges and Management. , 2019, , .		4
7	Training bacteria to produce environmentally friendly polymers of industrial and medical relevance. <i>Microbial Biotechnology</i> , 2020, 13, 14-16.	2.0	9
8	A Call for Collaboration among Water Quality and Fisheries Professionals. <i>Fisheries</i> , 2020, 45, 157-162.	0.6	4
9	Potential health impact of environmental micro- and nanoplastics pollution. <i>Journal of Applied Toxicology</i> , 2020, 40, 4-15.	1.4	165
10	Flash Catalytic Pyrolysis of Polyethylene over (Alumino)silicate Materials. <i>ChemCatChem</i> , 2020, 12, 1109-1116.	1.8	17
11	A Study on Blend Ratio-dependent Far-IR and Low-frequency Raman Spectra and WAXD Patterns of Poly(3-hydroxybutyrate)/ poly(4-vinylphenol) Using Homospectral and Heterospectral Two-dimensional Correlation Spectroscopy. <i>Analytical Sciences</i> , 2020, 36, 731-735.	0.8	9
12	Circular Economy and Economic Development in the European Union: A Review and Bibliometric Analysis. <i>Sustainability</i> , 2020, 12, 7767.	1.6	23
13	Recent advances in starch-based films toward food packaging applications: Physicochemical, mechanical, and functional properties. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 3031-3083.	5.9	99
14	Health impacts of environmental contamination of micro- and nanoplastics: a review. <i>Environmental Health and Preventive Medicine</i> , 2020, 25, 29.	1.4	180
15	Enzymatic Remediation of Polyethylene Terephthalate (PET)-Based Polymers for Effective Management of Plastic Wastes: An Overview. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 602325.	2.0	79
16	Scalable upcycling of thermoplastic polyolefins into vitrimers through transesterification. <i>Journal of Materials Chemistry A</i> , 2020, 8, 24137-24147.	5.2	68
17	Microplastic exposure interacts with habitat degradation to affect behaviour and survival of juvenile fish in the field. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201947.	1.2	26
18	Systematic Analysis of the Relative Abundance of Polymers Occurring as Microplastics in Freshwaters and Estuaries. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9304.	1.2	34

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20	Engineered microbes and evolving plastic bioremediation technology. , 2020, , 417-443.		14
21	Potent Impact of Plastic Nanomaterials and Micromaterials on the Food Chain and Human Health. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1727.	1.8	94
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29	Towards the Circular Economy: Converting Aromatic Plastic Waste Back to Arenes over a Ru/Nb <sub>2</sub> O <sub>5</sub> Catalyst. <i>Angewandte Chemie</i> , 2021, 133, 5587-5595.	1.6	42
30	Spent coffee waste as a renewable source for the production of sustainable poly(butylene succinate) biocomposites from a circular economy perspective. <i>RSC Advances</i> , 2021, 11, 18580-18589.	1.7	25
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40	Are controlled release scientists doing enough for our environment?. Journal of Controlled Release, 2021, 332, 620-622.	4.8	3
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