

# Differential bioavailability of polychlorinated biphenyls particles: Microplastic in comparison to wood, coal and

Environmental Pollution

220, 150-158

DOI: [10.1016/j.envpol.2016.09.033](https://doi.org/10.1016/j.envpol.2016.09.033)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Impacts of Biofilm Formation on the Fate and Potential Effects of Microplastic in the Aquatic Environment. <i>Environmental Science and Technology Letters</i> , 2017, 4, 258-267.	3.9	881
2	Occurrence and effects of plastic additives on marine environments and organisms: A review. <i>Chemosphere</i> , 2017, 182, 781-793.	4.2	748
3	Shift in Mass Transfer of Wastewater Contaminants from Microplastics in the Presence of Dissolved Substances. <i>Environmental Science &amp; Technology</i> , 2017, 51, 12254-12263.	4.6	118
4	Enhanced uptake of BPA in the presence of nanoplastics can lead to neurotoxic effects in adult zebrafish. <i>Science of the Total Environment</i> , 2017, 609, 1312-1321.	3.9	329
5	Contaminant release from aged microplastic. <i>Environmental Chemistry</i> , 2017, 14, 394.	0.7	176
6	Feeding type and development drive the ingestion of microplastics by freshwater invertebrates. <i>Scientific Reports</i> , 2017, 7, 17006.	1.6	282
7	Nanoplastic in the North Atlantic Subtropical Gyre. <i>Environmental Science &amp; Technology</i> , 2017, 51, 13689-13697.	4.6	581
8	The Effect of Microplastic on the Uptake of Chemicals by the Lugworm <i>Arenicola marina</i> (L.) under Environmentally Relevant Exposure Conditions. <i>Environmental Science &amp; Technology</i> , 2017, 51, 8795-8804.	4.6	119
9	Microplastics in the environment: Challenges in analytical chemistry - A review. <i>Analytica Chimica Acta</i> , 2018, 1017, 1-19.	2.6	546
10	Interaction of toxic chemicals with microplastics: A critical review. <i>Water Research</i> , 2018, 139, 208-219.	5.3	612
11	Rhizoremediation of petroleum hydrocarbon-contaminated soils: Improvement opportunities and field applications. <i>Environmental and Experimental Botany</i> , 2018, 147, 202-219.	2.0	88
12	Marine litter plastics and microplastics and their toxic chemicals components: the need for urgent preventive measures. <i>Environmental Sciences Europe</i> , 2018, 30, 13.	2.6	438
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14	Pollutants in Plastics within the North Pacific Subtropical Gyre. <i>Environmental Science &amp; Technology</i> , 2018, 52, 446-456.	4.6	121
15	A combined experimental and modeling study to evaluate pH-dependent sorption of polar and non-polar compounds to polyethylene and polystyrene microplastics. <i>Environmental Sciences Europe</i> , 2018, 30, 30.	2.6	106
16	Microplastics in the aquatic environment: Evidence for or against adverse impacts and major knowledge gaps. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2776-2796.	2.2	458
17	Urinary Phthalate Metabolites in Common Bottlenose Dolphins ( <i>Tursiops</i> )	1.9	24
18	Acute toxicity of organic pesticides to <i>Daphnia magna</i> is unchanged by co-exposure to polystyrene microplastics. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 26-34.	2.9	76

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19	Sorption of Hydrophobic Organic Compounds to Plastics in the Marine Environment: Sorption and Desorption Kinetics. Handbook of Environmental Chemistry, 2018, , 205-219.	0.2	7
20	Sorption of Toxic Chemicals on Microplastics. , 2018, , 225-247.		12
21	Accumulation of Plastic Debris and Associated Contaminants in Aquatic Food Webs. Environmental Science & Technology, 2018, 52, 8510-8520.	4.6	210
22	The Effects of Microplastic Pollution on Aquatic Organisms. , 2018, , 249-270.		12
23	Ingestion and contact with polyethylene microplastics does not cause acute toxicity on marine zooplankton. Journal of Hazardous Materials, 2018, 360, 452-460.	6.5	155
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30	Polychlorinated biphenyls in stormwater sediments: Relationships with land use and particle characteristics. Water Research, 2019, 163, 114865.	5.3	25
31	Sorption properties of hydrophobic organic chemicals to micro-sized polystyrene particles. Science of the Total Environment, 2019, 690, 565-572.	3.9	47
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36	FTIR and Raman imaging for microplastics analysis: State of the art, challenges and prospects. TrAC - Trends in Analytical Chemistry, 2019, 119, 115629.	5.8	301

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38	Partitioning of chemical contaminants to microplastics: Sorption mechanisms, environmental distribution and effects on toxicity and bioaccumulation. <i>Environmental Pollution</i> , 2019, 252, 1246-1256.	3.7	296
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40	Microplastics and the gut microbiome: How chronically exposed species may suffer from gut dysbiosis. <i>Marine Pollution Bulletin</i> , 2019, 143, 193-203.	2.3	178
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45	Joint toxicity of microplastics with triclosan to marine microalgae <i>Skeletonema costatum</i> . <i>Environmental Pollution</i> , 2019, 246, 509-517.	3.7	225
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50	The role of soil and house dust physicochemical properties in determining the post ingestion bioaccessibility of sorbed polychlorinated biphenyls. <i>Chemosphere</i> , 2019, 217, 1-8.	4.2	14
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61	Toxicological effects of polystyrene microplastics on earthworm ( <i>Eisenia fetida</i> ). <i>Environmental Pollution</i> , 2020, 259, 113896.	3.7	222
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94	Micro and Nano Plastics Distribution in Fish as Model Organisms: Histopathology, Blood Response and Bioaccumulation in Different Organs. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5768.	1.3	59
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118	Recent advances in toxicological research and potential health impact of microplastics and nanoplastics in vivo. <i>Environmental Science and Pollution Research</i> , 2022, 29, 40415-40448.	2.7	31
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120	A review of interactions of microplastics and typical pollutants from toxicokinetics and toxicodynamics perspective. <i>Journal of Hazardous Materials</i> , 2022, 432, 128736.	6.5	16
121	Effect of microplastics on microbial dechlorination of a polychlorinated biphenyl mixture (Aroclor) Tj ETQq1 1 0.784314 rgBT /Overload	3.9	11
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