

River plastic emissions to the world's oceans

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Citation Report

#	ARTICLE	IF	CITATIONS
1	River plastic emissions to the world's oceans. Nature Communications, 2017, 8, 15611.	5.8	2,274
2	Export of microplastics from land to sea. A modelling approach. Water Research, 2017, 127, 249-257.	5.3	402
3	Export of Plastic Debris by Rivers into the Sea. Environmental Science & Technology, 2017, 51, 12246-12253.	4.6	881
4	Seven microbial bioprocesses to help the planet. Microbial Biotechnology, 2017, 10, 995-998.	2.0	25
5	Towards the effective plastic waste management in Bangladesh: a review. Environmental Science and Pollution Research, 2017, 24, 27021-27046.	2.7	88
6	Marine debris ingestion by the South American Fur Seal from the Southwest Atlantic Ocean. Marine Pollution Bulletin, 2017, 122, 420-425.	2.3	35
7	Effects of biofouling on the sinking behavior of microplastics. Environmental Research Letters, 2017, 12, 124003.	2.2	413
8	Solutions for global marine litter pollution. Current Opinion in Environmental Sustainability, 2017, 28, 90-99.	3.1	235
9	Editorial: Plastic Pollution. Frontiers in Marine Science, 2017, 4, .	1.2	8
10	Low Abundance of Plastic Fragments in the Surface Waters of the Red Sea. Frontiers in Marine Science, 2017, 4, .	1.2	43
11	Microplastic Distribution at Different Sediment Depths in an Urban Estuary. Frontiers in Marine Science, 2017, 4, .	1.2	178
12	Title is missing!. Journal of Water and Environmental Issues, 2017, 30, 1-7.	0.1	0
13	Transfer of Graphene CVD to Surface of Low Density Polyethylene (LDPE) and Poly(butylene) Terephthalate (PET). Environmental Science and Technology, 2018, 26, 3187-3196.	2.4	11
14	Spatio-temporal comparison of neustonic microplastic density in Hong Kong waters under the influence of the Pearl River Estuary. Science of the Total Environment, 2018, 628-629, 731-739.	3.9	121
15	Microplastics in oysters Saccostrea cucullata along the Pearl River Estuary, China. Environmental Pollution, 2018, 236, 619-625.	3.7	235
16	High intake rates of microplastics in a Western Atlantic predatory fish, and insights of a direct fishery effect. Environmental Pollution, 2018, 236, 706-717.	3.7	100
17	Sources and distribution of microplastics in China's largest inland lake " Qinghai Lake. Environmental Pollution, 2018, 235, 899-906.	3.7	401
18	Influence of microplastics on the toxicity of the pharmaceuticals procainamide and doxycycline on the marine microalgae Tetraselmis chuii. Aquatic Toxicology, 2018, 197, 143-152.	1.9	230

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19	Marine environment microfiber contamination: Global patterns and the diversity of microparticle origins. <i>Environmental Pollution</i> , 2018, 237, 275-284.	3.7	320
20	Ten inconvenient questions about plastics in the sea. <i>Environmental Science and Policy</i> , 2018, 85, 146-154.	2.4	57
21	Multi-temporal surveys for microplastic particles enabled by a novel and fast application of SWIR imaging spectroscopy – Study of an urban watercourse traversing the city of Berlin, Germany. <i>Environmental Pollution</i> , 2018, 239, 579-589.	3.7	82
22	Microplastics research – from sink to source. <i>Science</i> , 2018, 360, 28-29.	6.0	808
23	Role of extracellular polymeric substances in the acute inhibition of activated sludge by polystyrene nanoparticles. <i>Environmental Pollution</i> , 2018, 238, 859-865.	3.7	105
24	Plastic Biodegradation: Challenges and Opportunities. , 2018, , 1-29.		33
25	Preventing plastics pervading an oceanic oasis: Building the case for the Costa Rica Thermal Dome to become a World Heritage site in ABNJ. <i>Marine Policy</i> , 2018, 96, 235-242.	1.5	10
26	Microplastics and polycyclic aromatic hydrocarbons (PAHs) in Xiamen coastal areas: Implications for anthropogenic impacts. <i>Science of the Total Environment</i> , 2018, 634, 811-820.	3.9	186
27	Consistent patterns of debris on South African beaches indicate that industrial pellets and other mesoplastic items mostly derive from local sources. <i>Environmental Pollution</i> , 2018, 238, 1008-1016.	3.7	77
28	Microplastics: An introduction to environmental transport processes. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018, 5, e1268.	2.8	328
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30	Microplastics have a more profound impact than elevated temperatures on the predatory performance, digestion and energy metabolism of an Amazonian cichlid. <i>Aquatic Toxicology</i> , 2018, 195, 67-76.	1.9	136
31	Challenges and emerging solutions to the land-based plastic waste issue in Africa. <i>Marine Policy</i> , 2018, 96, 256-263.	1.5	196
32	Uptake and effects of the antimicrobial florfenicol, microplastics and their mixtures on freshwater exotic invasive bivalve <i>Corbicula fluminea</i> . <i>Science of the Total Environment</i> , 2018, 622-623, 1131-1142.	3.9	185
33	Advanced approaches to produce polyhydroxyalkanoate (PHA) biopolyesters in a sustainable and economic fashion. <i>The EuroBiotech Journal</i> , 2018, 2, 89-103.	0.5	63
34	Low levels of microplastics (MP) in wild mussels indicate that MP ingestion by humans is minimal compared to exposure via household fibres fallout during a meal. <i>Environmental Pollution</i> , 2018, 237, 675-684.	3.7	490
35	Microplastics in surface waters of Dongting Lake and Hong Lake, China. <i>Science of the Total Environment</i> , 2018, 633, 539-545.	3.9	352
36	Microplastic does not magnify the acute effect of PAH pyrene on predatory performance of a tropical fish (<i>Lates calcarifer</i>). <i>Aquatic Toxicology</i> , 2018, 198, 287-293.	1.9	78

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38	Evidence that the Great Pacific Garbage Patch is rapidly accumulating plastic. <i>Scientific Reports</i> , 2018, 8, 4666.	1.6	1,037
39	Transgenerational effects and recovery of microplastics exposure in model populations of the freshwater cladoceran <i>Daphnia magna</i> Straus. <i>Science of the Total Environment</i> , 2018, 631-632, 421-428.	3.9	156
40	Macroplastic and microplastic contamination assessment of a tropical river (Saigon River, Vietnam) transversed by a developing megacity. <i>Environmental Pollution</i> , 2018, 236, 661-671.	3.7	328
41	Compositional modification of pyrogenic products using CaCO ₃ and CO ₂ from the thermolysis of polyvinyl chloride (PVC). <i>Green Chemistry</i> , 2018, 20, 1583-1593.	4.6	22
42	Microplastic sampling with the AVANI trawl compared to two neuston trawls in the Bay of Bengal and South Pacific. <i>Environmental Pollution</i> , 2018, 232, 430-439.	3.7	106
43	Amount, composition, and spatial distribution of floating macro litter along fixed trans-border transects in the Mediterranean basin. <i>Marine Pollution Bulletin</i> , 2018, 129, 545-554.	2.3	71
44	Assessment of debris inputs from land into the river in the Three Gorges Reservoir Area, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 5539-5549.	2.7	6
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49	Lightweight, thermally insulating, and low dielectric microcellular high-impact polystyrene (HIPS) foams fabricated by high-pressure foam injection molding with mold opening. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12294-12305.	2.7	55
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53	Microplastic fiber uptake, ingestion, and egestion rates in the blue mussel (<i>Mytilus edulis</i>). <i>Marine Pollution Bulletin</i> , 2018, 137, 638-645.	2.3	211
54	Drinking water in West Virginia (USA): tap water or bottled water – what is the right choice for college students?. <i>Journal of Water and Health</i> , 2018, 16, 827-838.	1.1	21

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56	Microplastics in sediment from Skudai and Tebrau river, Malaysia: a preliminary study. <i>MATEC Web of Conferences</i> , 2018, 250, 06012.	0.1	26
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58	Sensing Ocean Plastics with an Airborne Hyperspectral Shortwave Infrared Imager. <i>Environmental Science & Technology</i> , 2018, 52, 11699-11707.	4.6	69
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63	Comparisons of analytical chemistry and biological activities of extracts from North Pacific gyre plastics with UV-treated and untreated plastics using in vitro and in vivo models. <i>Environment International</i> , 2018, 121, 942-954.	4.8	47
64	Perspectives on using marine species as bioindicators of plastic pollution. <i>Marine Pollution Bulletin</i> , 2018, 137, 209-221.	2.3	74
65	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
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75	Marine litter disrupts ecological processes in reef systems. <i>Marine Pollution Bulletin</i> , 2018, 133, 464-471.	2.3	70
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78	Use of resources and microplastic contamination throughout the life cycle of grunts (<i>Haemulidae</i>) in a tropical estuary. <i>Environmental Pollution</i> , 2018, 242, 1010-1021.	3.7	28
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85	Probabilistic Material Flow Analysis of Seven Commodity Plastics in Europe. <i>Environmental Science & Technology</i> , 2018, 52, 9874-9888.	4.6	135
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126	Erosion Behavior of Different Microplastic Particles in Comparison to Natural Sediments. <i>Environmental Science & Technology</i> , 2019, 53, 13219-13227.	4.6	103

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128	Fleur de Sel”An interregional monitor for microplastics mass load and composition in European coastal waters?. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 144, 104711.	2.6	43
129	Microplastics on the Menu: Plastics Pollute Indonesian Manta Ray and Whale Shark Feeding Grounds. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	55
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152	Policy Note: "Towards an International Treaty to Fight Plastic Pollution in Water Systems: Some Tasks for Economists". <i>Water Economics and Policy</i> , 2019, 05, 1871004.	0.3	2
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