

High concentrations of plastic hidden beneath the surface

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Way of Macroplastic through the Environment. <i>Environments - MDPI</i> , 2020, 7, 73.	1.5	75
2	Fully Biodegradable Water Droplet Energy Harvester Based on Leaves of Living Plants. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56060-56067.	4.0	69
3	Interactions between microplastics and oil dispersion in the marine environment. <i>Journal of Hazardous Materials</i> , 2021, 403, 123944.	6.5	42
4	New (and Old) Monomers from Biorefineries to Make Polymer Chemistry More Sustainable. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000485.	2.0	19
5	From scrap polystyrene foam to efficient demercurizer: In-situ synthesis of Fe-embedded hyper-cross-linked polymers. <i>Applied Catalysis B: Environmental</i> , 2021, 285, 119791.	10.8	15
6	Life cycle assessment of fish and seafood processed products – A review of methodologies and new challenges. <i>Science of the Total Environment</i> , 2021, 761, 144094.	3.9	58
7	Information Architecture in the Anthropocene. <i>Human-computer Interaction Series</i> , 2021, , 241-265.	0.4	0
8	Recyclable, weldable, mechanically durable, and programmable liquid metal-elastomer composites. <i>Journal of Materials Chemistry A</i> , 2021, 9, 10953-10965.	5.2	42
9	Are Microplastics Impairing Marine Fish Larviculture? – Preliminary Results with <i>Argyrosomus regius</i> . <i>Water (Switzerland)</i> , 2021, 13, 104.	1.2	19
10	The fate of plastic in the ocean environment – a minireview. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 198-212.	1.7	120
11	Plastic and Toxic Chemical-Induced Ocean Acidification Is Causing a Plankton Crisis and Will Devastate Humanity in the Next 25 Years.. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
12	Enhanced Extracellular Production of <i>Is</i> PETase in <i>Escherichia coli</i> via Engineering of the pelB Signal Peptide. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 2245-2252.	2.4	56
13	Plastic ingestion by marine fish is widespread and increasing. <i>Global Change Biology</i> , 2021, 27, 2188-2199.	4.2	135
14	Enduring science: Three decades of observing the Northeast Atlantic from the Porcupine Abyssal Plain Sustained Observatory (PAP-SO). <i>Progress in Oceanography</i> , 2021, 191, 102508.	1.5	20
15	Towards the Development of Portable and In Situ Optical Devices for Detection of Micro-and Nanoplastics in Water: A Review on the Current Status. <i>Polymers</i> , 2021, 13, 730.	2.0	37
16	Polymer Identification and Specific Analysis (PISA) of Microplastic Total Mass in Sediments of the Protected Marine Area of the Meloria Shoals. <i>Polymers</i> , 2021, 13, 796.	2.0	17
17	Effect of microplastics in water and aquatic systems. <i>Environmental Science and Pollution Research</i> , 2021, 28, 19544-19562.	2.7	307
18	<i>In Situ</i> Identification and Spatial Mapping of Microplastic Standards in Paramecia by Secondary-Ion Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2021, 93, 5521-5528.	3.2	12

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19	Multiple impacts of microplastics can threaten marine habitat-forming species. <i>Communications Biology</i> , 2021, 4, 431.	2.0	69
20	Zooplankton grazing of microplastic can accelerate global loss of ocean oxygen. <i>Nature Communications</i> , 2021, 12, 2358.	5.8	83
21	Fate of floating plastic debris released along the coasts in a global ocean model. <i>Marine Pollution Bulletin</i> , 2021, 165, 112116.	2.3	43
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23	Modeling the Exposure of the Macaronesia Islands (NE Atlantic) to Marine Plastic Pollution. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	25
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28	Low-pressure hydrothermal processing of mixed polyolefin wastes into clean fuels. <i>Fuel</i> , 2021, 294, 120505.	3.4	17
29	Relative Abundance of Floating Plastic Debris and Neuston in the Eastern North Pacific Ocean. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	17
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33	The missing ocean plastic sink: Gone with the rivers. <i>Science</i> , 2021, 373, 107-111.	6.0	146
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35	A fresh look at microplastics and other particles in the tropical coastal ecosystems of TamandarÃ©, Brazil. <i>Marine Environmental Research</i> , 2021, 169, 105327.	1.1	11
36	Towards Underwater Macroplastic Monitoring Using Echo Sounding. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	26

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40	Immuno-modulatory effects of nanoplastics and humic acids in the European seabass (<i>Dicentrarchus labrax</i>). <i>Journal of Applied Microbiology</i> , 2021, 131, 105917.	6.5	24
41	Estuaries as Filters for Riverine Microplastics: Simulations in a Large, Coastal-Plain Estuary. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	15
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86	Dynamics of Transport, Accumulation, and Export of Plastics at Oceanic Fronts. <i>Handbook of Environmental Chemistry</i> , 2021, , 355-405.	0.2	5
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112	Modelling submerged biofouled microplastics and their vertical trajectories. <i>Biogeosciences</i> , 2022, 19, 2211-2234.	1.3	22

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123	Transport of Microplastics in Shore Substrates over Tidal Cycles: Roles of Polymer Characteristics and Environmental Factors. <i>Environmental Science & Technology</i> , 2022, 56, 8187-8196.	4.6	23
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154	Evolution of global plastic waste trade flows from 2000 to 2020 and its predicted trade sinks in 2030. <i>Journal of Cleaner Production</i> , 2022, 376, 134373.	4.6	13
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