

CITATION REPORT

List of articles citing

Transport and release of chemicals from plastics to the environment and to wildlife

DOI: 10.1098/rstb.2008.0284

Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 2027-45.

Source: <https://exaly.com/paper-pdf/46560886/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
1785	Microplastics as Both a Sink and a Source of Bisphenol A in the Marine Environment.		
1784	Our plastic age. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 1973-6	5.8	600
1783	Plastics, the environment and human health: current consensus and future trends. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 2153-66	5.8	1384
1782	Structuring policy problems for plastics, the environment and human health: reflections from the UK. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 2141-51	5.8	23
1781	Accumulation and fragmentation of plastic debris in global environments. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 1985-98	5.8	2839
1780	Applications and societal benefits of plastics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 1977-84	5.8	842
1779	Biodegradable and compostable alternatives to conventional plastics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 2127-39	5.8	450
1778	Environmental implications of plastic debris in marine settings--entanglement, ingestion, smothering, hangers-on, hitch-hiking and alien invasions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 2013-25	5.8	1033
1777	A critical analysis of the biological impacts of plasticizers on wildlife. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 2047-62	5.8	503
1776	Plastics recycling: challenges and opportunities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 2115-26	5.8	1244
1775	Plastic accumulation in the North Atlantic subtropical gyre. 2010 , 329, 1185-8		796
1774	Auklet (Charadriiformes: Alcidae, <i>Aethia</i> spp.) chick meals from the Aleutian Islands, Alaska, have a very low incidence of plastic marine debris. 2010 , 60, 1346-9		17
1773	Are marine plastic particles transport vectors for organic pollutants to the Arctic?. 2010 , 60, 1810-4		229
1772	The size, mass, and composition of plastic debris in the western North Atlantic Ocean. 2010 , 60, 1873-8		419
1771	Degradation of plastic carrier bags in the marine environment. 2010 , 60, 2279-83		248
1770	Plastic ingestion by planktivorous fishes in the North Pacific Central Gyre. 2010 , 60, 2275-8		699
1769	Seabirds as indicators of the state of the marine environment and its conservation. 2010 , 59, 38-54		2

1768	Impact of plastics on fate and transport of organic contaminants in landfills. 2010 , 44, 6396-402	31
1767	A horizon scan of global conservation issues for 2010. 2010 , 25, 1-7	268
1766	A thermodynamic approach for assessing the environmental exposure of chemicals absorbed to microplastic. 2011 , 45, 1466-72	285
1765	Chemical Introductions to the Systems. 2011 , 71-111	
1764	Carbon footprint of bioplastics using biocarbon content analysis and life-cycle assessment. 2011 , 36, 716-721	50
1763	Effects of 4-tert-octylphenol on <i>Xenopus tropicalis</i> in a long term exposure. 2011 , 103, 159-69	24
1762	Trimethyltin-induced hippocampal degeneration as a tool to investigate neurodegenerative processes. 2011 , 58, 729-38	89
1761	Plastic ingestion by mesopelagic fishes in the North Pacific Subtropical Gyre. 2011 , 432, 173-180	275
1760	The environmental endocrine disruptor, bisphenol A, affects germination, elicits stress response and alters steroid hormone production in kiwifruit pollen. 2011 , 13, 209-17	29
1759	Anthropogenic perturbations in marine microbial communities. 2011 , 35, 275-98	212
1758	Serum bisphenol A pharmacokinetics and prostate neoplastic responses following oral and subcutaneous exposures in neonatal Sprague-Dawley rats. 2011 , 31, 1-9	120
1757	Effect of perinatal and postnatal bisphenol A exposure to the regulatory circuits at the hypothalamus-pituitary-gonadal axis of CD-1 mice. 2011 , 31, 409-17	168
1756	Using aerial photography and in situ measurements to estimate the quantity of macro-litter on beaches. 2011 , 62, 762-9	51
1755	A quantification of the standing stock of macro-debris in Majuro lagoon and its effect on hard coral communities. 2011 , 62, 1693-701	70
1754	Organic micropollutants in marine plastics debris from the open ocean and remote and urban beaches. 2011 , 62, 1683-92	485
1753	Characterization of marine debris in North Carolina salt marshes. 2011 , 62, 2771-9	54
1752	Microplastics as contaminants in the marine environment: a review. 2011 , 62, 2588-97	2650
1751	Physical and chemical effects of ingested plastic debris on short-tailed shearwaters, <i>Puffinus tenuirostris</i> , in the North Pacific Ocean. 2011 , 62, 2845-9	98

1750	Ecdysteroid receptor from the American lobster <i>Homarus americanus</i> : EcR/RXR isoform cloning and ligand-binding properties. 2011 , 173, 346-55	36
1749	Marine pollution: Let us not forget beach sand. 2011 , 23, 40	13
1748	Monitoring plastic ingestion by the northern fulmar <i>Fulmarus glacialis</i> in the North Sea. 2011 , 159, 2609-15	384
1747	Legacy and contemporary persistent organic pollutants in North Pacific albatross. 2011 , 30, 2562-9	4
1746	New perspectives in plastic biodegradation. 2011 , 22, 422-6	295
1745	Aqueous fullerene aggregates (nC60) generate minimal reactive oxygen species and are of low toxicity in fish: a revision of previous reports. 2011 , 22, 533-7	55
1744	Increased oceanic microplastic debris enhances oviposition in an endemic pelagic insect. 2012 , 8, 817-20	272
1743	Origin, dynamics and evolution of ocean garbage patches from observed surface drifters. 2012 , 7, 044040	276
1742	Plastics in the marine environment: the dark side of a modern gift. 2012 , 220, 1-44	137
1741	Effects of the peroxisome proliferator di(2-ethylhexyl)phthalate on cell turnover and peroxisome proliferation in primary chick embryo hepatocytes. 2012 , 31, 2856-60	2
1740	Effects of perinatal exposure to bisphenol A and di(2-ethylhexyl)-phthalate on gonadal development of male mice. 2011 , 19, 2515-27	39
1739	High prevalence of parental delivery of plastic debris in Cory's shearwaters (<i>Calonectris diomedea</i>). 2012 , 64, 2219-23	63
1738	Uptake and effects of microplastics on cells and tissue of the blue mussel <i>Mytilus edulis</i> L. after an experimental exposure. 2012 , 46, 11327-35	902
1737	Northern fulmars as biological monitors of trends of plastic pollution in the eastern North Pacific. 2012 , 64, 1776-81	107
1736	Boring crustaceans damage polystyrene floats under docks polluting marine waters with microplastic. 2012 , 64, 1821-8	57
1735	A new technique for detecting colored macro plastic debris on beaches using webcam images and CIELUV. 2012 , 64, 1829-36	32
1734	The effect of wind mixing on the vertical distribution of buoyant plastic debris. 2012 , 39, n/a-n/a	347
1733	First report of chlorinated and brominated hydrocarbon pollutants in marine bird eggs from an oceanic Indian Ocean island. 2012 , 118, 53-64	25

1732	Microplastics in the marine environment: a review of the methods used for identification and quantification. 2012 , 46, 3060-75	2218
1731	Competitive sorption of persistent organic pollutants onto microplastics in the marine environment. 2012 , 64, 2782-9	299
1730	Long-term decreases in persistent organic pollutants in South African coastal waters detected from beached polyethylene pellets. 2012 , 64, 2756-60	62
1729	The complex interaction between marine debris and toxic chemicals in the ocean. 2012 , 46, 12302-15	444
1728	Incidence, mass and variety of plastics ingested by Laysan (<i>Phoebastria immutabilis</i>) and Black-footed Albatrosses (<i>P. nigripes</i>) recovered as by-catch in the North Pacific Ocean. 2012 , 64, 2190-2	33
1727	Cetaceans and Marine Debris: The Great Unknown. 2012 , 2012, 1-8	38
1726	Persistent organic pollutants in plastic marine debris found on beaches in San Diego, California. 2012 , 86, 258-63	148
1725	House crickets can accumulate polybrominated diphenyl ethers (PBDEs) directly from polyurethane foam common in consumer products. 2012 , 86, 500-5	54
1724	Adsorption of trace metals to plastic resin pellets in the marine environment. 2012 , 160, 42-8	527
1723	The applicability of reflectance micro-Fourier-transform infrared spectroscopy for the detection of synthetic microplastics in marine sediments. 2012 , 416, 455-63	206
1722	Simultaneous screening of estrogens, progestogens, and phenols and their metabolites in potable water and river water by ultra-performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry. 2012 , 100, 83-94	27
1721	Marine Pollution. 2013 , 127-169	8
1720	Contaminants in tracked seabirds showing regional patterns of marine pollution. 2013 , 47, 7862-7	15
1719	Impacts of Multiple Stressors. 2013 , 193-221	3
1718	The physical impacts of microplastics on marine organisms: a review. 2013 , 178, 483-92	2013
1717	Distribution of small plastic debris in cross-section and high strandline on Heungnam beach, South Korea. 2013 , 48, 225-233	129
1716	Association of Hg ²⁺ with aqueous (C ₆₀) _n aggregates facilitates increased bioavailability of Hg ²⁺ in Zebrafish (<i>Danio rerio</i>). 2013 , 47, 9997-10004	23
1715	New techniques for the detection of microplastics in sediments and field collected organisms. 2013 , 70, 227-33	534

1714	The incidence of plastic ingestion by fishes: from the prey's perspective. 2013 , 74, 170-4	82
1713	Reliability of environmental fate modeling results for POPs based on various methods of determining the air/water partition coefficient (log KAW). 2013 , 73, 177-184	7
1712	Polybrominated diphenyl ether (PBDE) accumulation by earthworms (<i>Eisenia fetida</i>) exposed to biosolids-, polyurethane foam microparticle-, and Penta-BDE-amended soils. 2013 , 47, 13831-9	96
1711	Detection of nonylphenol and persistent organic pollutants in fish from the North Pacific Central Gyre. 2013 , 73, 231-42	63
1710	Plastic debris in Mediterranean seabirds. 2013 , 77, 220-6	96
1709	Ingestion of plastic marine debris by Common and Thick-billed Murres in the northwestern Atlantic from 1985 to 2012. 2013 , 77, 192-5	41
1708	Policy: Classify plastic waste as hazardous. 2013 , 494, 169-71	814
1707	Biodegradation of low-density polyethylene by marine bacteria from pelagic waters, Arabian Sea, India. 2013 , 77, 100-6	204
1706	Waste plastic and pharmaceuticals, could an integrated solution help?. 2013 , 47, 10111-2	5
1705	Effects of microplastic on fitness and PCB bioaccumulation by the lugworm <i>Arenicola marina</i> (L.). 2013 , 47, 593-600	599
1704	Accumulation of plastic-derived chemicals in tissues of seabirds ingesting marine plastics. 2013 , 69, 219-22	412
1703	Long-term field measurement of sorption of organic contaminants to five types of plastic pellets: implications for plastic marine debris. 2013 , 47, 1646-54	171
1702	Concentration and composition of polycyclic aromatic hydrocarbons (PAHs) in plastic pellets: implications for small-scale diagnostic and environmental monitoring. 2013 , 76, 349-54	65
1701	Plastic pollution in the South Pacific subtropical gyre. 2013 , 68, 71-6	385
1700	Microplastic pollution in the surface waters of the Laurentian Great Lakes. 2013 , 77, 177-82	976
1699	Microplastic moves pollutants and additives to worms, reducing functions linked to health and biodiversity. 2013 , 23, 2388-92	662
1698	Single and combined effects of microplastics and pyrene on juveniles (0+ group) of the common goby <i>Pomatoschistus microps</i> (Teleostei, Gobiidae). 2013 , 34, 641-647	410
1697	Distribution and abundance of small plastic debris on beaches in the SE Pacific (Chile): a study supported by a citizen science project. 2013 , 87-88, 12-8	242

1696	Desorption kinetics of hydrophobic organic contaminants from marine plastic pellets. 2013 , 74, 125-31	92
1695	Assessment of marine debris on the Belgian Continental Shelf. 2013 , 73, 161-9	129
1694	Pelagic microplastics around an archipelago of the Equatorial Atlantic. 2013 , 75, 305-309	119
1693	Occurrence of microplastics in the gastrointestinal tract of pelagic and demersal fish from the English Channel. 2013 , 67, 94-9	1074
1692	A simple technique for counting marine debris at sea reveals steep litter gradients between the Straits of Malacca and the Bay of Bengal. 2013 , 69, 128-36	95
1691	Ingestion of plastic marine debris by longnose lancetfish (<i>Alepisaurus ferox</i>) in the North Pacific Ocean. 2013 , 69, 97-104	59
1690	Contrasting retinoid and thyroid hormone status in differentially-contaminated northern fulmar colonies from the Canadian Arctic, Svalbard and the Faroe Islands. 2013 , 52, 29-40	18
1689	Ingestion of marine debris plastic by the wedge-tailed shearwater <i>Ardenna pacifica</i> in the Great Barrier Reef, Australia. 2013 , 72, 244-9	61
1688	Microplastic ingestion by zooplankton. 2013 , 47, 6646-55	1344
1687	Microplastic debris in sandhoppers. 2013 , 129, 19-22	89
1686	Recent developments in the fire retardancy of polymeric materials. 2013 , 38, 1357-1387	405
1685	Potential release of PCBs from plastic scientific gear to fringing coral reef sediments in the Gulf of Thailand. 2013 , 96, 41-49	3
1684	Trophic level transfer of microplastic: <i>Mytilus edulis</i> (L.) to <i>Carcinus maenas</i> (L.). 2013 , 177, 1-3	803
1683	Plastics and priority pollutants: a multiple stressor in aquatic habitats. 2013 , 47, 2439-40	75
1682	Ingested plastic transfers hazardous chemicals to fish and induces hepatic stress. 2013 , 3, 3263	924
1681	Environmental science. Tracking marine pollution. 2013 , 340, 556-8	115
1680	Plastic as a carrier of POPs to aquatic organisms: a model analysis. 2013 , 47, 7812-20	310
1679	Determination of five bisphenols in commercial milk samples by liquid chromatography coupled to fluorescence detection. 2013 , 76, 1590-6	51

1678	Marine litter within the European Marine Strategy Framework Directive. 2013 , 70, 1055-1064	346
1677	Effects of Legacy Persistent Organic Pollutants (POPs) in Fish Current and Future Challenges. 2013 , 33, 53-140	27
1676	Isolation of native soil microorganisms with potential for breaking down biodegradable plastic mulch films used in agriculture. 2013 , e50373	10
1675	Plastic Pollution in the South Pacific Subtropical Gyre. 2013 , 69, 38-44	3
1674	Gooseneck barnacles (<i>Lepas</i> spp.) ingest microplastic debris in the North Pacific Subtropical Gyre. 2013 , 1, e184	141
1673	Identification of putative steroid receptor antagonists in bottled water: combining bioassays and high-resolution mass spectrometry. 2013 , 8, e72472	28
1672	Marine microbes in the Plastic Age. 2014 , 35, 207	14
1671	Plastic Pollution in the World's Oceans: More than 5 Trillion Plastic Pieces Weighing over 250,000 Tons Afloat at Sea. 2014 , 9, e111913	2116
1670	An integrated approach combining chemical analysis and an in vivo bioassay to assess the estrogenic potency of a municipal solid waste landfill leachate in Qingdao. 2014 , 9, e95597	10
1669	Millimeter-sized marine plastics: a new pelagic habitat for microorganisms and invertebrates. 2014 , 9, e100289	248
1668	Rapid bacterial colonization of low-density polyethylene microplastics in coastal sediment microcosms. 2014 , 14, 232	266
1667	Occurrence, degradation, and effect of polymer-based materials in the environment. 2014 , 227, 1-53	81
1666	Plastic debris in the open ocean. 2014 , 111, 10239-44	1509
1665	Sorption capacity of plastic debris for hydrophobic organic chemicals. 2014 , 470-471, 1545-52	303
1664	Enhanced desorption of persistent organic pollutants from microplastics under simulated physiological conditions. 2014 , 185, 16-23	588
1663	Interaction between loggerhead sea turtles (<i>Caretta caretta</i>) and marine litter in Sardinia (Western Mediterranean Sea). 2014 , 100, 25-32	65
1662	Impact of ecological doses of the most widespread phthalate on a terrestrial species, the ant <i>Lasius niger</i> . 2014 , 131, 104-10	12
1661	Amount and type of derelict gear from the declining black pearl oyster aquaculture in Ahe atoll lagoon, French Polynesia. 2014 , 83, 224-30	19

1660	Comparison of the distribution and degradation of plastic debris along shorelines of the Great Lakes, North America. 2014 , 40, 288-299	242
1659	Plastic in the Thames: a river runs through it. 2014 , 78, 196-200	183
1658	Leaching of plastic additives to marine organisms. 2014 , 187, 49-54	275
1657	Prevalence of marine debris in marine birds from the North Atlantic. 2014 , 84, 411-7	81
1656	Evidence of microplastics in samples of zooplankton from Portuguese coastal waters. 2014 , 95, 89-95	262
1655	Amount and distribution of neustonic micro-plastic off the western Sardinian coast (Central-Western Mediterranean Sea). 2014 , 100, 10-6	148
1654	Predictable pollution: an assessment of weather balloons and associated impacts on the marine environment--an example for the Great Barrier Reef, Australia. 2014 , 79, 61-8	9
1653	Evaluating the impacts of marine debris on cetaceans. 2014 , 80, 210-21	172
1652	Occurrence and spatial distribution of microplastics in sediments from Norderney. 2014 , 186, 248-56	356
1651	Widespread distribution of microplastics in subsurface seawater in the NE Pacific Ocean. 2014 , 79, 94-9	536
1650	The present and future of microplastic pollution in the marine environment. 2014 , 185, 352-64	862
1649	Microplastic is an abundant and distinct microbial habitat in an urban river. 2014 , 48, 11863-71	711
1648	Exogenous floating marine debris: Filling search and detection gaps using remote sensing. 2014 ,	0
1647	Leaching of the plasticizer di(2-ethylhexyl)phthalate (DEHP) from plastic containers and the question of human exposure. 2014 , 98, 9967-81	201
1646	Microplastics in four estuarine rivers in the Chesapeake Bay, U.S.A. 2014 , 48, 14195-202	354
1645	Macrodebris and microplastics from beaches in Slovenia. 2014 , 89, 356-366	258
1644	Global analysis of anthropogenic debris ingestion by sea turtles. 2014 , 28, 129-39	178
1643	The Effects of Plastic Pollution on Aquatic Wildlife: Current Situations and Future Solutions. 2014 , 225, 1	97

1642	Large accumulation of micro-sized synthetic polymer particles in the sea surface microlayer. 2014 , 48, 9014-21	305
1641	Floating debris in the Mediterranean Sea. 2014 , 86, 494-504	198
1640	Charges for plastic bags: Motivational and behavioral effects. 2014 , 40, 372-380	70
1639	Microplastics in bivalves cultured for human consumption. 2014 , 193, 65-70	1008
1638	Assimilation of polybrominated diphenyl ethers from microplastics by the marine amphipod, <i>Allorchestes compressa</i> . 2014 , 48, 8127-34	326
1637	Microplastics in freshwater ecosystems: what we know and what we need to know. 2014 , 26, 12	636
1636	How marine debris ingestion differs among megafauna species in a tropical coastal area. 2014 , 88, 86-90	54
1635	Native soil fungi associated with compostable plastics in three contrasting agricultural settings. 2014 , 98, 6467-85	28
1634	Oceans. Microplastics in the seas. 2014 , 345, 144-5	657
1633	Microplastic fibers in the intertidal ecosystem surrounding Halifax Harbor, Nova Scotia. 2014 , 81, 69-79	533
1632	Direct Transformation of Edible Vegetable Waste into Bioplastics. 2014 , 47, 5135-5143	92
1631	Large filter feeding marine organisms as indicators of microplastic in the pelagic environment: the case studies of the Mediterranean basking shark (<i>Cetorhinus maximus</i>) and fin whale (<i>Balaenoptera physalus</i>). 2014 , 100, 17-24	247
1630	Polybrominated diphenyl ethers (PBDEs) in fish tissue may be an indicator of plastic contamination in marine habitats. 2014 , 476-477, 622-33	135
1629	Strong sorption of PCBs to nanoplastics, microplastics, carbon nanotubes, and fullerenes. 2014 , 48, 4869-76	500
1628	Global research priorities to mitigate plastic pollution impacts on marine wildlife. 2014 , 25, 225-247	211
1627	Global warming releases microplastic legacy frozen in Arctic Sea ice. 2014 , 2, 315-320	539
1626	Passive buoyant tracers in the ocean surface boundary layer: 2. Observations and simulations of microplastic marine debris. 2015 , 120, 7559-7573	46
1625	Anthropogenic debris in seafood: Plastic debris and fibers from textiles in fish and bivalves sold for human consumption. 2015 , 5, 14340	677

1624	A biochemical approach for identifying plastics exposure in live wildlife. 2015 , 6, 92-98	34
1623	Identification of California Condor Estrogen Receptors 1 and 2 and Their Activation by Endocrine Disrupting Chemicals. 2015 , 156, 4448-57	6
1622	. 2015 ,	1
1621	SeaCleaner: Focusing Citizen Science and Environment Education on Unraveling the Marine Litter Problem. 2015 , 49, 99-118	16
1620	Ecosystem services provided by birds: an overview. 2015 , 64, 3-23	4
1619	Does size and buoyancy affect the long-distance transport of floating debris?. 2015 , 10, 084019	128
1618	Kunststoffpartikel im Wasser. 2015 , 63, 46-50	2
1617	Responses of <i>Hyalella azteca</i> to acute and chronic microplastic exposures. 2015 , 34, 2564-72	302
1616	Challenges to Sea Otter Recovery and Conservation. 2015 , 63-96	5
1615	Microplastics in Marine Environments: Possible Interactions with the Microbial Assemblage. 2015 , 03,	10
1614	Marine litter, future prospects for research. 2015 , 2,	53
1613	Plastic accumulation in the Mediterranean sea. 2015 , 10, e0121762	412
1612	Marine debris ingestion by albatrosses in the southwest Atlantic Ocean. 2015 , 96, 149-54	28
1611	Plastic and metal ingestion in three species of coastal waterfowl wintering in Atlantic Canada. 2015 , 98, 349-53	27
1610	Linking effects of anthropogenic debris to ecological impacts. 2015 , 282, 20142929	115
1609	Ingested microplastics (>100 μ m) are translocated to organs of the tropical fiddler crab <i>Uca rapax</i> . 2015 , 96, 491-5	141
1608	Marine birds and plastic debris in Canada: a national synthesis and a way forward. 2015 , 23, 1-13	103
1607	The partition behavior of perfluorooctanesulfonate (PFOS) and perfluorooctanesulfonamide (FOSA) on microplastics. 2015 , 119, 841-847	237

1606	Microplastics in freshwater systems: a review of the emerging threats, identification of knowledge gaps and prioritisation of research needs. 2015 , 75, 63-82	1250
1605	The impact of debris on marine life. 2015 , 92, 170-179	974
1604	Assessment of microplastic toxicity to embryonic development of the sea urchin <i>Lytechinus variegatus</i> (Echinodermata: Echinoidea). 2015 , 92, 99-104	208
1603	Pollutants bioavailability and toxicological risk from microplastics to marine mussels. 2015 , 198, 211-22	678
1602	The impact of polystyrene microplastics on feeding, function and fecundity in the marine copepod <i>Calanus helgolandicus</i> . 2015 , 49, 1130-7	643
1601	Plastic debris in the Laurentian Great Lakes: A review. 2015 , 41, 9-19	210
1600	Microplastic ingestion by scleractinian corals. 2015 , 162, 725-732	301
1599	Debris ingestion by juvenile marine turtles: an underestimated problem. 2015 , 93, 37-43	96
1598	Plastics in the Oceans. 2015 , 295-318	7
1597	Predictive Ecotoxicology and Environmental Assessment. 2015 , 463-496	4
1596	Methodology Used for the Detection and Identification of Microplastics: A Critical Appraisal. 2015 , 201-227	169
1595	Marine plastic pollution: using community science to address a global problem. 2015 , 66, 665	26
1594	Occurrence and Distribution of Microplastics in the Sea Surface Microlayer in Jinhae Bay, South Korea. 2015 , 69, 279-87	136
1593	Bimonthly variability of persistent organochlorines in plastic pellets from four beaches in Mumbai coast, India. 2015 , 187, 469	20
1592	Migration of nonylphenol from food-grade plastic is toxic to the coral reef fish species <i>Pseudochromis fridmani</i> . 2015 , 139, 223-8	46
1591	Experimental development of a new protocol for extraction and characterization of microplastics in fish tissues: First observations in commercial species from Adriatic Sea. 2015 , 111, 18-26	410
1590	Microplastics in the Marine Environment: Sources, Consequences and Solutions. 2015 , 185-200	101
1589	Monitoring of bisphenols in canned tuna from Italian markets. 2015 , 83, 68-75	50

1588	Potential Health Impact of Environmentally Released Micro- and Nanoplastics in the Human Food Production Chain: Experiences from Nanotoxicology. 2015 , 49, 8932-47	511
1587	Occurrence of microplastics in the coastal marine environment: First observation on sediment of China. 2015 , 98, 274-80	180
1586	A Brief History of Marine Litter Research. 2015 , 1-25	70
1585	The Economics of Marine Litter. 2015 , 367-394	51
1584	Regulation and Management of Marine Litter. 2015 , 395-428	41
1583	The Complex Mixture, Fate and Toxicity of Chemicals Associated with Plastic Debris in the Marine Environment. 2015 , 117-140	110
1582	Marine Anthropogenic Litter. 2015 ,	214
1581	Microplastics in the marine environment: Current trends and future perspectives. 2015 , 97, 5-12	193
1580	Plastic in surface waters of the Inside Passage and beaches of the Salish Sea in Washington State. 2015 , 97, 169-177	38
1579	Environmental contaminants of emerging concern in seafood--European database on contaminant levels. 2015 , 143, 29-45	143
1578	Antagonistic joint toxicity assessment of two current-use phthalates with waterborne copper in liver of <i>Carassius auratus</i> using biochemical biomarkers. 2015 , 116, 107-12	12
1577	Using a forensic science approach to minimize environmental contamination and to identify microfibres in marine sediments. 2015 , 95, 40-6	195
1576	Deep-sea litter: a comparison of seamounts, banks and a ridge in the Atlantic and Indian Oceans reveals both environmental and anthropogenic factors impact accumulation and composition. 2015 , 2,	60
1575	Plastic Material in the Diet of the Turkey Vulture (<i>Cathartes aura</i>) in the Atacama Desert, Chile. 2015 , 127, 134-138	13
1574	Impacts of discarded plastic bags on marine assemblages and ecosystem functioning. 2015 , 49, 5380-9	90
1573	A quantitative analysis of microplastic pollution along the south-eastern coastline of South Africa. 2015 , 101, 274-279	185
1572	Analysis of polyethylene microplastics in environmental samples, using a thermal decomposition method. 2015 , 85, 451-7	226
1571	Occurrence, relative abundance and spatial distribution of microplastics and zooplankton NW of Sardinia in the Pelagos Sanctuary Protected Area, Mediterranean Sea. 2015 , 12, 618	53

1570	Persistent organic pollutants carried on plastic resin pellets from two beaches in China. 2015 , 99, 28-34	117
1569	Global Assessment of Bisphenol A in the Environment: Review and Analysis of Its Occurrence and Bioaccumulation. 2015 , 13, 1559325815598308	333
1568	Investigation of pharmaceuticals, personal care products and endocrine disrupting chemicals in a tropical urban catchment and the influence of environmental factors. 2015 , 536, 955-963	80
1567	A critical view on microplastic quantification in aquatic organisms. 2015 , 143, 46-55	243
1566	Commentary: Plastic ocean and the cancer connection: 7 questions and answers. 2015 , 142, 575-8	17
1565	Qualitative Analysis of Additives in Plastic Marine Debris and Its New Products. 2015 , 69, 352-66	117
1564	Distribution and Size Relationships of Plastic Marine Debris on Beaches in South Korea. 2015 , 69, 288-98	79
1563	Threat of plastic pollution to seabirds is global, pervasive, and increasing. 2015 , 112, 11899-904	458
1562	Microplastics in coastal and marine environments of the western tropical and sub-tropical Atlantic Ocean. 2015 , 17, 1868-79	42
1561	Evaluation of the impact of polyethylene microbeads ingestion in European sea bass (<i>Dicentrarchus labrax</i>) larvae. 2015 , 112, 78-85	217
1560	POPs monitoring in Australia and New Zealand using plastic resin pellets, and International Pellet Watch as a tool for education and raising public awareness on plastic debris and POPs. 2015 , 101, 137-145	35
1559	Marine microplastic-associated biofilms  review. 2015 , 12, 551	232
1558	A critical assessment of visual identification of marine microplastic using Raman spectroscopy for analysis improvement. 2015 , 100, 82-91	407
1557	Plastic pollution in Swiss surface waters: nature and concentrations, interaction with pollutants. 2015 , 12, 582	276
1556	Biodegradable plastic agricultural mulches and key features of microbial degradation. 2015 , 99, 1039-56	110
1555	Endocrine disruptor activity of multiple environmental food chain contaminants. 2015 , 29, 211-20	31
1554	Plastic Pollution from Ships. 2016 , 51, 57-66	3
1553	Microplastics in Aquatic Environments and Their Toxicological Implications for Fish. 2016 ,	10

1552	Contaminants in the Marine Environment. 2016 , 1-34	6
1551	Microbes on a Bottle: Substrate, Season and Geography Influence Community Composition of Microbes Colonizing Marine Plastic Debris. 2016 , 11, e0159289	225
1550	Diversity and Activity of Communities Inhabiting Plastic Debris in the North Pacific Gyre. 2016 , 1,	191
1549	Sorption of Hydrophobic Organic Compounds to Plastics in the Marine Environment: Equilibrium. 2016 , 185-204	26
1548	Microplastics as vectors for bioaccumulation of hydrophobic organic chemicals in the marine environment: A state-of-the-science review. 2016 , 35, 1667-76	262
1547	Uptake and toxicity of methylmethacrylate-based nanoplastic particles in aquatic organisms. 2016 , 35, 1641-9	79
1546	Marine debris occurrence and treatment: A review. 2016 , 64, 394-402	72
1545	Additives and Chemicals in Plastics. 2016 , 1-17	11
1544	Release of Additives and Monomers from Plastic Wastes. 2016 , 51-70	6
1543	Wastewater treatment plant effluent as a source of microplastics: review of the fate, chemical interactions and potential risks to aquatic organisms. 2016 , 74, 2253-2269	149
1542	An Unexpected Consequence of Plastic Litter Clean-Up on Beaches: Too Much Sand Might Be Removed. 2016 , 18, 242-246	10
1541	Investigation on an innovative technology for wet separation of plastic wastes. 2016 , 51, 3-12	16
1540	Plastic ingestion by fish in the Southern Hemisphere: A baseline study and review of methods. 2016 , 107, 286-291	84
1539	Synthetic shorelines in New Zealand? Quantification and characterisation of microplastic pollution on Canterbury's coastlines. 2016 , 50, 317-325	48
1538	The potential of oceanic transport and onshore leaching of additive-derived lead by marine macro-plastic debris. 2016 , 107, 333-339	28
1537	Microplastic pollution of lakeshore sediments from remote lakes in Tibet plateau, China. 2016 , 219, 450-455	288
1536	The preliminary assessment of abundance and composition of marine beach debris in the northern Persian Gulf, Bandar Abbas City, Iran. 2016 , 96, 131-135	45
1535	Microplastics in seafood: Benchmark protocol for their extraction and characterization. 2016 , 215, 223-233	408

1534	(Nano)plastics in the environment - Sources, fates and effects. 2016 , 566-567, 15-26	487
1533	Biomonitoring of polychlorinated byphenyls contamination in the supralittoral environment using the sandhopper <i>Talitrus saltator</i> (Montagu). 2016 , 32, 301-311	5
1532	Ultrasound-assisted low density solvent based dispersive liquid-liquid microextraction for determination of phthalate esters in bottled water samples. 2016 , 32, 178-183	5
1531	Microbial hitchhikers on marine plastic debris: Human exposure risks at bathing waters and beach environments. 2016 , 118, 10-9	170
1530	Pigments and plastic in limnetic ecosystems: A qualitative and quantitative study on microparticles of different size classes. 2016 , 98, 64-74	249
1529	Plastic pellets sorptive extraction: Low-cost, rapid and efficient extraction of polycyclic aromatic hydrocarbons from environmental waters. 2016 , 922, 30-6	14
1528	Impact of gravity, collector surface roughness and fracture orientation on colloid retention kinetics in an artificial fracture. 2016 , 475, 171-183	10
1527	Understanding the Fragmentation Pattern of Marine Plastic Debris. 2016 , 50, 5668-75	254
1526	An Overview of Recent Trends in Wildlife Ecotoxicology. 2016 , 125-150	6
1525	Seasonal variation in the abundance of marine plastic debris in the estuary of a subtropical macro-scale drainage basin in South China. 2016 , 562, 658-665	154
1524	Assuming corporate responsibilities in lawless situations: case study of a news media organization. 2016 , 5, 81-95	
1523	Rhizosphere of <i>Avicennia marina</i> (Forsk.) Vierh. as a landmark for polythene degrading bacteria. 2016 , 23, 14621-35	19
1522	Environment and gut morphology influence microplastic retention in langoustine, <i>Nephrops norvegicus</i> . 2016 , 214, 859-865	120
1521	Trends in Wildlife Research: A Bibliometric Approach. 2016 , 1-28	
1520	Microplastics on beaches: ingestion and behavioural consequences for beachhoppers. 2016 , 163, 1	59
1519	Hong Kong's marine environments: History, challenges and opportunities. 2016 , 8, 259-273	34
1518	Presence of microplastics and nanoplastics in food, with particular focus on seafood. 2016 , 14, e04501	161
1517	Recyclable plastics as substrata for settlement and growth of bryozoans <i>Bugula neritina</i> and barnacles <i>Amphibalanus amphitrite</i> . 2016 , 218, 973-980	27

1516	Occurrence of plastic debris in the stomach of the invasive crab <i>Eriocheir sinensis</i> . 2016 , 113, 306-311	42
1515	Leachate from microplastics impairs larval development in brown mussels. 2016 , 106, 364-370	165
1514	Review of the partitioning of chemicals into different plastics: Consequences for the risk assessment of marine plastic debris. 2016 , 113, 17-24	76
1513	Floating plastic debris in the Central and Western Mediterranean Sea. 2016 , 120, 136-44	96
1512	From Clothing to Laundry Water: Investigating the Fate of Phthalates, Brominated Flame Retardants, and Organophosphate Esters. 2016 , 50, 9289-97	53
1511	The Role of Plastic Debris as Another Source of Hazardous Chemicals in Lower-Trophic Level Organisms. 2016 , 281-295	8
1510	Joint Toxicity of Two Phthalates with Waterborne Copper to <i>Daphnia magna</i> and <i>Photobacterium phosphoreum</i> . 2016 , 97, 380-6	12
1509	Between control and complexity: opportunities and challenges for marine mesocosms. 2016 , 14, 389-396	8
1508	Ingested plastic as a route for trace metals in Laysan Albatross (<i>Phoebastria immutabilis</i>) and Bonin Petrel (<i>Pterodroma hypoleuca</i>) from Midway Atoll. 2016 , 110, 493-500	54
1507	Long-term microplastic retention causes reduced body condition in the langoustine, <i>Nephrops norvegicus</i> . 2016 , 218, 895-900	173
1506	Ingestion of Plastics by Marine Organisms. 2016 , 235-266	24
1505	Plastic Debris in 29 Great Lakes Tributaries: Relations to Watershed Attributes and Hydrology. 2016 , 50, 10377-10385	344
1504	Diffusion of bisphenol-A (BPA) through an HDPE geomembrane. 2016 , 23, 452-462	6
1503	Microplastics in aquatic environments: Implications for Canadian ecosystems. 2016 , 218, 269-280	283
1502	Percentage of microbeads in pelagic microplastics within Japanese coastal waters. 2016 , 110, 432-437	64
1501	Fate of Bisphenol A in Terrestrial and Aquatic Environments. 2016 , 50, 8403-16	147
1500	Raman microspectroscopic analysis of fibers in beverages. 2016 , 8, 5722-5725	61
1499	Sea surface microplastics in Slovenian part of the Northern Adriatic. 2016 , 113, 392-399	74

1498	The feeding habit of sea turtles influences their reaction to artificial marine debris. 2016 , 6, 28015	46
1497	Microplastic fragments and microbeads in digestive tracts of planktivorous fish from urban coastal waters. 2016 , 6, 34351	318
1496	Abundance and characteristics of microplastics in beach sediments: Insights into microplastic accumulation in northern Gulf of Mexico estuaries. 2016 , 109, 178-183	157
1495	Microplastic Ingestion by Wild and Cultured Manila Clams (<i>Venerupis philippinarum</i>) from Baynes Sound, British Columbia. 2016 , 71, 147-56	152
1494	Ingestion of microplastics by demersal fish from the Spanish Atlantic and Mediterranean coasts. 2016 , 109, 55-60	303
1493	Sorption and diffusion of bisphenol-A (BPA) through a geosynthetic clay liner (GCL). 2016 , 44, 731-738	11
1492	Sources and sinks of microplastics in Canadian Lake Ontario nearshore, tributary and beach sediments. 2016 , 110, 383-395	344
1491	Marine debris: Implications for conservation of rocky reefs in Manabi, Ecuador (Se Pacific Coast). 2016 , 109, 7-13	9
1490	Plastic waste in the marine environment: A review of sources, occurrence and effects. 2016 , 566-567, 333-349	645
1489	Biases and best approaches for assessing debris ingestion in sea turtles, with a case study in the Mediterranean. 2016 , 110, 238-249	47
1488	Sinking rates of microplastics and potential implications of their alteration by physical, biological, and chemical factors. 2016 , 109, 310-319	242
1487	Transfer of benzo[a]pyrene from microplastics to <i>Artemia</i> nauplii and further to zebrafish via a trophic food web experiment: CYP1A induction and visual tracking of persistent organic pollutants. 2016 , 35, 1656-66	324
1486	No measurable "cleaning" of polychlorinated biphenyls from Rainbow Trout in a 9 week depuration study with dietary exposure to 40% polyethylene microspheres. 2016 , 18, 788-95	25
1485	Low-Volatility Model Demonstrates Humidity Affects Environmental Toxin Deposition on Plastics at a Molecular Level. 2016 , 50, 1304-12	9
1484	Spatial and temporal analysis of litter in the Celtic Sea from Groundfish Survey data: Lessons for monitoring. 2016 , 103, 195-205	35
1483	Plastic debris in great skua (<i>Stercorarius skua</i>) pellets corresponds to seabird prey species. 2016 , 103, 206-210	64
1482	Microbial colonization and degradation of polyethylene and biodegradable plastic bags in temperate fine-grained organic-rich marine sediments. 2016 , 103, 168-178	87
1481	The behaviors of microplastics in the marine environment. 2016 , 113, 7-17	354

1480	Fin whales and microplastics: The Mediterranean Sea and the Sea of Cortez scenarios. 2016 , 209, 68-78	225
1479	Plastic ingestion by pelagic and demersal fish from the North Sea and Baltic Sea. 2016 , 102, 134-41	342
1478	Microscopic anthropogenic litter in terrestrial birds from Shanghai, China: Not only plastics but also natural fibers. 2016 , 550, 1110-1115	178
1477	Short-term exposure with high concentrations of pristine microplastic particles leads to immobilisation of <i>Daphnia magna</i> . 2016 , 153, 91-9	257
1476	Microplastics in the Terrestrial Ecosystem: Implications for <i>Lumbricus terrestris</i> (Oligochaeta, Lumbricidae). 2016 , 50, 2685-91	526
1475	Enhancing public awareness and promoting co-responsibility for marine litter in Europe: The challenge of MARLISCO. 2016 , 102, 309-15	62
1474	Biodegradation of low density polyethylene (LDPE) modified with dye sensitized titania and starch blend using <i>Stenotrophomonas pavanii</i> . 2016 , 113, 276-286	49
1473	Bacteria-based polythene degradation products: GC-MS analysis and toxicity testing. 2016 , 23, 10733-10741	17
1472	Plastic mulching in agriculture. Trading short-term agronomic benefits for long-term soil degradation?. 2016 , 550, 690-705	590
1471	Intestinal alterations in European sea bass <i>Dicentrarchus labrax</i> (Linnaeus, 1758) exposed to microplastics: Preliminary results. 2016 , 212, 251-256	293
1470	Towards a meaningful assessment of marine ecological impacts in life cycle assessment (LCA). 2016 , 89-90, 48-61	60
1469	Microplastic as a Vector for Chemicals in the Aquatic Environment: Critical Review and Model-Supported Reinterpretation of Empirical Studies. 2016 , 50, 3315-26	704
1468	Method development and validation for the determination of selected endocrine disrupting compounds by liquid chromatography mass spectrometry and isotope pattern deconvolution in water samples. Comparison of two extraction techniques. 2016 , 8, 2895-2903	13
1467	Chemical Pollutants Sorbed to Ingested Microbeads from Personal Care Products Accumulate in Fish. 2016 , 50, 4037-44	265
1466	Enhanced photodegradation of titania loaded polyethylene films in a humid environment. 2016 , 113, 287-296	9
1465	Is there any consistency between the microplastics found in the field and those used in laboratory experiments?. 2016 , 211, 111-23	260
1464	Feeding type affects microplastic ingestion in a coastal invertebrate community. 2016 , 102, 95-101	218
1463	Implications of observed PBDE diffusion coefficients in low density polyethylene and silicone rubber. 2016 , 18, 87-94	34

1462	A kish graphitic lithium-insertion anode material obtained from non-biodegradable plastic waste. 2016 , 95, 483-493	18
1461	Microplastics in the aquatic and terrestrial environment: sources (with a specific focus on personal care products), fate and effects. 2016 , 28, 2	653
1460	Are we eating plastic-ingesting fish?. 2016 , 103, 109-114	114
1459	Microplastic interactions with North Atlantic mesopelagic fish. 2016 , 73, 1214-1225	167
1458	Recycling of Polyolefin Materials. 2016 , 315-339	0
1457	The fate of bisphenol A, 4-tert-octylphenol and 4-nonylphenol leached from plastic debris into marine water--experimental studies on biodegradation and sorption on suspended particulate matter and nano-TiO ₂ . 2016 , 145, 535-42	25
1456	Effects of Toxic Leachate from Commercial Plastics on Larval Survival and Settlement of the Barnacle <i>Amphibalanus amphitrite</i> . 2016 , 50, 924-31	139
1455	Qualitative impact of salinity, UV radiation and turbulence on leaching of organic plastic additives from four common plastics - A lab experiment. 2016 , 102, 84-94	162
1454	The role of ions, heavy metals, fluoride, and agrochemicals: critical evaluation of potential aetiological factors of chronic kidney disease of multifactorial origin (CKDmfo/CKDu) and recommendations for its eradication. 2016 , 38, 639-78	48
1453	The relationship between the black carbon and bisphenol A in sea and river sediments (Southern Baltic). 2016 , 41, 24-32	25
1452	Plastics and microplastics in the oceans: From emerging pollutants to emerged threat. 2017 , 128, 2-11	560
1451	Microplastic litter composition of the Turkish territorial waters of the Mediterranean Sea, and its occurrence in the gastrointestinal tract of fish. 2017 , 223, 286-294	331
1450	Assessment of microplastic-sorbed contaminant bioavailability through analysis of biomarker gene expression in larval zebrafish. 2017 , 116, 291-297	106
1449	Toxicological Implications of Released Particulate Matter during Thermal Decomposition of Nano-Enabled Thermoplastics. 2017 , 5, 29-40	16
1448	Methods of analysing chemicals associated with microplastics: a review. 2017 , 9, 1361-1368	60
1447	Spatial distribution and seasonality of ichthyoplankton and anthropogenic debris in a river delta in the Caribbean Sea. 2017 , 90, 1356-1387	19
1446	Microplastics in freshwater and terrestrial environments: Evaluating the current understanding to identify the knowledge gaps and future research priorities. 2017 , 586, 127-141	1226
1445	Levels of ingested debris vary across species in Canadian Arctic seabirds. 2017 , 116, 517-520	45

1444	Is Biodegradable Plastic Mulch the Solution to Agriculture's Plastic Problem?. 2017 , 51, 1068-1069	146
1443	Fate of Eight Different Polymers under Uncontrolled Composting Conditions: Relationships Between Deterioration, Biofilm Formation, and the Material Surface Properties. 2017 , 51, 1988-1997	23
1442	An analysis of barriers for plastic recycling in the Indian plastic industry. 2017 , 24, 415-430	32
1441	Reducing Uncertainty and Confronting Ignorance about the Possible Impacts of Weathering Plastic in the Marine Environment. 2017 , 4, 85-90	229
1440	Floating macro-litter along the Mediterranean French coast: Composition, density, distribution and overlap with cetacean range. 2017 , 118, 155-166	41
1439	Pollutant content in marine debris and characterization by thermal decomposition. 2017 , 117, 359-365	20
1438	Beyond Biodegradability of Poly(lactic acid): Physical and Chemical Stability in Humid Environments. 2017 , 5, 2751-2762	44
1437	Fugacity analysis of polycyclic aromatic hydrocarbons between microplastics and seawater. 2017 , 52, 43-55	15
1436	Sources and fate of microplastics in marine and beach sediments of the Southern Baltic Sea-a preliminary study. 2017 , 24, 7650-7661	156
1435	Degradation of common polymer ropes in a sublittoral marine environment. 2017 , 118, 248-253	81
1434	Microplastic in the surface waters of the Ross Sea (Antarctica): Occurrence, distribution and characterization by FTIR. 2017 , 175, 391-400	280
1433	Charge-decay electrostatic separation for removing Polyvinyl chloride from mixed plastic wastes. 2017 , 157, 148-154	11
1432	Hydraulic separation of plastic wastes: Analysis of liquid-solid interaction. 2017 , 66, 13-22	14
1431	Microplastics are not important for the cycling and bioaccumulation of organic pollutants in the oceans-but should microplastics be considered POPs themselves?. 2017 , 13, 460-465	123
1430	50th Anniversary Perspective: There Is a Great Future in Sustainable Polymers. 2017 , 50, 3733-3749	470
1429	Synthetic fibers as microplastics in the marine environment: A review from textile perspective with a focus on domestic washings. 2017 , 598, 1116-1129	311
1428	Microplastics as a vector of hydrophobic contaminants: Importance of hydrophobic additives. 2017 , 13, 494-499	96
1427	Microplastics in the Antarctic marine system: An emerging area of research. 2017 , 598, 220-227	354

1426	Microplastics as vectors for environmental contaminants: Exploring sorption, desorption, and transfer to biota. 2017 , 13, 488-493	265
1425	Current understanding of microplastics in the environment: Occurrence, fate, risks, and what we should do. 2017 , 13, 476-482	120
1424	The plastic in microplastics: A review. 2017 , 119, 12-22	761
1423	Benzotriazole-type ultraviolet stabilizers and antioxidants in plastic marine debris and their new products. 2017 , 579, 745-754	72
1422	Trophic transfer of microplastics does not affect fish personality. 2017 , 123, 159-167	77
1421	The interaction of surfactants with plastic and copper plumbing materials during decontamination. 2017 , 325, 8-16	5
1420	First detection of seven phthalate esters (PAEs) as plastic tracers in superficial neustonic/planktonic samples and cetacean blubber. 2017 , 9, 1512-1520	59
1419	Gaps in aquatic toxicological studies of microplastics. 2017 , 184, 841-848	59
1418	Occurrence and effects of plastic additives on marine environments and organisms: A review. 2017 , 182, 781-793	452
1417	Microplastics in gut contents of coastal freshwater fish from R� de la Plata estuary. 2017 , 122, 85-90	131
1416	Microplastics in Sediment Cores from Asia and Africa as Indicators of Temporal Trends in Plastic Pollution. 2017 , 73, 230-239	205
1415	Survey on the presence of non-dioxine-like PCBs (NDL-PCBs) in loggerhead turtles (<i>Caretta caretta</i>) stranded in south Mediterranean coasts (Sicily, Southern Italy). 2017 , 36, 2997-3002	9
1414	Bioplastics. 2017 , 1-37	9
1413	Microplastics in the sediments of a UK urban lake. 2017 , 229, 10-18	138
1412	Influence of environmental and anthropogenic factors on the composition, concentration and spatial distribution of microplastics: A case study of the Bay of Brest (Brittany, France). 2017 , 225, 211-222	201
1411	Microplastics Sampling and Sample Handling. 2017 , 75, 25-47	13
1410	Rapid and Efficient Method for the Detection of Microplastic in the Gastrointestinal Tract of Fishes. 2017 , 51, 4522-4530	91
1409	Distribution and importance of microplastics in the marine environment: A review of the sources, fate, effects, and potential solutions. 2017 , 102, 165-176	990

1408	Do microplastic loads reflect the population demographics along the southern African coastline?. 2017 , 115, 115-119	75
1407	Microplastic pollution in Vembanad Lake, Kerala, India: The first report of microplastics in lake and estuarine sediments in India. 2017 , 222, 315-322	233
1406	Microplastic pollution in the marine waters and sediments of Hong Kong. 2017 , 115, 20-28	191
1405	The use of potassium hydroxide (KOH) solution as a suitable approach to isolate plastics ingested by marine organisms. 2017 , 115, 86-90	116
1404	Advanced Analytical Techniques for Assessing the Chemical Compounds Related to Microplastics. 2017 , 75, 209-240	11
1403	Microplastics in Sewage Sludge: Effects of Treatment. 2017 , 51, 810-818	406
1402	Occurrence, fate and transformation of emerging contaminants in water: An overarching review of the field. 2017 , 231, 954-970	299
1401	Plastic pollution in freshwater ecosystems: macro-, meso-, and microplastic debris in a floodplain lake. 2017 , 189, 581	112
1400	From the surface to the seafloor: How giant larvaceans transport microplastics into the deep sea. 2017 , 3, e1700715	107
1399	Partitioning of hydrophobic organic contaminants between polymer and lipids for two silicones and low density polyethylene. 2017 , 186, 948-957	23
1398	Impact of Polymer Colonization on the Fate of Organic Contaminants in Sediment. 2017 , 51, 10555-10561	25
1397	Seabirds and marine plastic debris in the northeastern Atlantic: A synthesis and recommendations for monitoring and research. 2017 , 231, 1291-1301	42
1396	Baseline evaluation of sediment contamination in the shallow coastal areas of Saudi Arabian Red Sea. 2017 , 123, 205-218	24
1395	Extraction of Organochlorine Pesticides from Plastic Pellets and Plastic Type Analysis. 2017 ,	5
1394	Recovering microplastics from marine samples: A review of current practices. 2017 , 123, 6-18	131
1393	Microplastics in coastal environments of the Arabian Gulf. 2017 , 124, 181-188	101
1392	A small-scale, portable method for extracting microplastics from marine sediments. 2017 , 230, 829-837	226
1391	Bioaccumulation of PCBs from microplastics in Norway lobster (<i>Nephrops norvegicus</i>): An experimental study. 2017 , 186, 10-16	98

1390	Hexabromocyclododecanes in soils and plants from a plastic waste treatment area in North China: occurrence, diastereomer- and enantiomer-specific profiles, and metabolism. 2017 , 24, 21625-21635	13
1389	Women's environmental health activism around waste and plastic pollution in the coastal wetlands of Yucatán. 2017 , 25, 221-234	1
1388	Degradation of Plastics. 2017 , 235-247	6
1387	Plastic and other microfibers in sediments, macroinvertebrates and shorebirds from three intertidal wetlands of southern Europe and west Africa. 2017 , 231, 123-133	105
1386	Odours from marine plastic debris induce food search behaviours in a forage fish. 2017 , 284,	78
1385	Microplastic ingestion by <i>Mullus surmuletus</i> Linnaeus, 1758 fish and its potential for causing oxidative stress. 2017 , 159, 135-142	178
1384	Abundant plankton-sized microplastic particles in shelf waters of the northern Gulf of Mexico. 2017 , 230, 798-809	98
1383	Impact of polyethylene microbeads on the floating freshwater plant duckweed <i>Lemna minor</i> . 2017 , 230, 1108-1115	141
1382	Wastewater from Mexico City contains organotin compounds and organotin-resistant bacteria. 2017 , 3, 1347996	3
1381	Other Contaminants of Emerging Concern. 2017 , 453-486	
1380	Lost, but Found with Nile Red: A Novel Method for Detecting and Quantifying Small Microplastics (1 mm to 20 μ m) in Environmental Samples. 2017 , 51, 13641-13648	329
1379	Detection of low numbers of microplastics in North Sea fish using strict quality assurance criteria. 2017 , 122, 253-258	121
1378	The adverse effects of virgin microplastics on the fertilization and larval development of sea urchins. 2017 , 130, 69-76	87
1377	Marine debris ingestion by the South American Fur Seal from the Southwest Atlantic Ocean. 2017 , 122, 420-425	21
1376	Release of polyester and cotton fibers from textiles in machine washings. 2017 , 24, 19313-19321	112
1375	A review of the airborne and waterborne emissions from uncontrolled solid waste disposal sites. 2017 , 47, 1003-1041	12
1374	Comprehensive analysis and quantification of national plastic flows: The case of Austria. 2017 , 117, 183-194	54
1373	Long-term 2007-2013 monitoring of reproductive disturbance in the dun sentinel <i>Assiminea grayana</i> with regard to polymeric materials pollution at the coast of Lower Saxony, North Sea, Germany. 2017 , 24, 3352-3362	13

1372	Plastics in the Marine Environment. 2017 , 9, 205-229	437
1371	Microplastic in Aquatic Ecosystems. 2017 , 56, 1720-1739	321
1370	Nutrients, emerging pollutants and pesticides in a tropical urban reservoir: Spatial distributions and risk assessment. 2017 , 575, 1307-1324	67
1369	Quantifying ingested debris in marine megafauna: a review and recommendations for standardization. 2017 , 9, 1454-1469	206
1368	How well is microlitter purified from wastewater? - A detailed study on the stepwise removal of microlitter in a tertiary level wastewater treatment plant. 2017 , 109, 164-172	345
1367	Mikroplastik in aquatischen Ökosystemen. 2017 , 129, 1744-1764	10
1366	Differential bioavailability of polychlorinated biphenyls associated with environmental particles: Microplastic in comparison to wood, coal and biochar. 2017 , 220, 150-158	122
1365	Primary Production, Cycling of Nutrients, Surface Layer and Plankton. 119-148	4
1364	Cosmetic Ingredients as Emerging Pollutants of Environmental and Health Concern. A Mini-Review. 2017 , 4, 11	81
1363	Distribution and Modeled Transport of Plastic Pollution in the Great Lakes, the World's Largest Freshwater Resource. 2017 , 5,	72
1362	Microplastics Generation: Onset of Fragmentation of Polyethylene Films in Marine Environment Mesocosms. 2017 , 4,	106
1361	Mikroplastik in Binnengewässern. 2017 , 1-35	3
1360	The Problem of Marine Plastic Debris. 2017 , 1-55	6
1359	Environmental, Social, and Economic Impacts. 2017 , 57-126	
1358	Recycling of polymer-polymer composites. 2017 , 263-277	8
1357	Development of tailored indigenous marine consortia for the degradation of naturally weathered polyethylene films. 2017 , 12, e0183984	52
1356	The Role of Laboratory Experiments in the Validation of Field Data. 2017 , 75, 241-273	5
1355	A First Pilot Study on the Sorption of Environmental Pollutants on Various Microplastic Materials. 2017 , 04,	16

1354	Persistent Organic Pollutants Adsorbed on Microplastics From the North Atlantic Gyre. 2017 , 134-135	1
1353	Marine Debris. 389-408	0
1352	An overview of microplastic and nanoplastic pollution in agroecosystems. 2018 , 627, 1377-1388	502
1351	A critical perspective on early communications concerning human health aspects of microplastics. 2018 , 626, 720-726	216
1350	Microplastics in sediments from the littoral zone of the north Tunisian coast (Mediterranean Sea). 2018 , 205, 1-9	120
1349	Investigating microplastic trophic transfer in marine top predators. 2018 , 238, 999-1007	397
1348	Potential transfer of organic pollutants from littoral plastics debris to the marine environment. 2018 , 236, 442-453	61
1347	First Evaluation of Microplastic Content in Benthic Filter-feeders of the Gulf of La Spezia (Ligurian Sea). 2018 , 27, 284-291	21
1346	Contamination status by persistent organic pollutants of the Atlantic spotted dolphin (<i>Stenella frontalis</i>) at the metapopulation level. 2018 , 236, 785-794	9
1345	Ten inconvenient questions about plastics in the sea. 2018 , 85, 146-154	42
1344	A new approach for the agglomeration and subsequent removal of polyethylene, polypropylene, and mixtures of both from freshwater systems - a case study. 2018 , 25, 15226-15234	33
1343	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. 2018 , 239, 579-589	43
1342	Identification of Chain Scission Products Released to Water by Plastic Exposed to Ultraviolet Light. 2018 , 5, 272-276	100
1341	Interaction of toxic chemicals with microplastics: A critical review. 2018 , 139, 208-219	378
1340	Ingestion of plastic by fish destined for human consumption in remote South Pacific Islands. 2018 , 10, 81-97	24
1339	Human footprint in the abyss: 30 year records of deep-sea plastic debris. 2018 , 96, 204-212	179
1338	Identification and quantification of microplastics in table sea salts using micro-NIR imaging methods. 2018 , 10, 2881-2887	20
1337	Marine Litter. 2018 , 447-461	1

1336	Occurrence, identification and removal of microplastic particles and fibers in conventional activated sludge process and advanced MBR technology. 2018 , 133, 236-246	437
1335	Trace element dynamics of biosolids-derived microbeads. 2018 , 199, 331-339	40
1334	Novel methodology to isolate microplastics from vegetal-rich samples. 2018 , 129, 61-69	55
1333	Plastics and the Anthropocene. 2018 , 163-170	2
1332	Heteroaggregation of nanoplastic particles in the presence of inorganic colloids and natural organic matter. 2018 , 5, 792-799	95
1331	Occurrence of microplastics in commercial fish from a natural estuarine environment. 2018 , 128, 575-584	227
1330	Mechanical recycling of nanocellulose containing multilayer packaging films. 2018 , 135, 46237	10
1329	Mapping coastal marine debris using aerial imagery and spatial analysis. 2018 , 132, 52-59	46
1328	Digestible Fluorescent Coatings for Cumulative Quantification of Microplastic Ingestion. 2018 , 5, 62-67	11
1327	Microplastics cause neurotoxicity, oxidative damage and energy-related changes and interact with the bioaccumulation of mercury in the European seabass, <i>Dicentrarchus labrax</i> (Linnaeus, 1758). 2018 , 195, 49-57	296
1326	Microplastics in Polar Regions: The role of long range transport. 2018 , 1, 24-29	93
1325	Airborne microplastics: Consequences to human health?. 2018 , 234, 115-126	428
1324	Microplastics in freshwater systems: A review on occurrence, environmental effects, and methods for microplastics detection. 2018 , 137, 362-374	687
1323	Differential impact of marine debris ingestion during ontogenetic dietary shift of green turtles in Uruguayan waters. 2018 , 127, 603-611	24
1322	Microplastic Abundance and Polymer Types in a Mediterranean Environment. 2018 , 17-24	10
1321	A life cycle assessment data analysis toolkit for the design of novel processes – A case study for a thermal cracking process for mixed plastic waste. 2018 , 180, 735-747	35
1320	Desorption modeling of hydrophobic organic chemicals from plastic sheets using experimentally determined diffusion coefficients in plastics. 2018 , 126, 312-317	23
1319	Combined effects of microplastics and chemical contaminants on the organ toxicity of zebrafish (<i>Danio rerio</i>). 2018 , 162, 135-143	172

1318	Microplastics in the benthic invertebrates from the coastal waters of Kochi, Southeastern Arabian Sea. 2018 , 40, 1377-1383	47
1317	Acute sensitivity of three Cladoceran species to different types of microplastics in combination with thermal stress. 2018 , 239, 733-740	45
1316	Microplastic contents from maricultured and natural mussels. 2018 , 131, 248-251	103
1315	Marine litter plastics and microplastics and their toxic chemicals components: the need for urgent preventive measures. 2018 , 30, 13	271
1314	Microplastic in the gastrointestinal tract of fishes along the Saudi Arabian Red Sea coast. 2018 , 131, 407-415	106
1313	Hazardous Chemicals in Plastics in Marine Environments: International Pellet Watch. 2018 , 163-183	6
1312	Mussel digestive gland as a model tissue for assessing xenobiotics: An overview. 2018 , 636, 220-229	152
1311	Physico-chemical properties of excavated plastic from landfill mining and current recycling routes. 2018 , 76, 55-67	49
1310	Microplastic does not magnify the acute effect of PAH pyrene on predatory performance of a tropical fish (<i>Lates calcarifer</i>). 2018 , 198, 287-293	50
1309	Microplastic pollution in the surface waters of Italian Subalpine Lakes. 2018 , 236, 645-651	155
1308	Application of an enzyme digestion method reveals microlitter in <i>Mytilus trossulus</i> at a wastewater discharge area. 2018 , 130, 206-214	39
1307	First ecotoxicological assessment of <i>Caretta caretta</i> (Linnaeus, 1758) in the Mediterranean Sea using an integrated nondestructive protocol. 2018 , 631-632, 1221-1233	23
1306	Adsorption of antibiotics on microplastics. 2018 , 237, 460-467	449
1305	Microplastic contamination of river beds significantly reduced by catchment-wide flooding. 2018 , 11, 251-257	329
1304	Bioaccumulation of nonylphenols and bisphenol A in the Greenland shark <i>Somniosus microcephalus</i> from the Greenland seawaters. 2018 , 136, 106-112	40
1303	No increase in marine microplastic concentration over the last three decades - A case study from the Baltic Sea. 2018 , 621, 1272-1279	110
1302	Conservative Exposure Predictions for Rapid Risk Assessment of Phase-Separated Additives in Medical Device Polymers. 2018 , 46, 14-24	5
1301	Occurrences of organophosphorus esters and phthalates in the microplastics from the coastal beaches in north China. 2018 , 616-617, 1505-1512	28

1300	An overview of chemical additives present in plastics: Migration, release, fate and environmental impact during their use, disposal and recycling. 2018 , 344, 179-199	1105
1299	Different partition of polycyclic aromatic hydrocarbon on environmental particulates in freshwater: Microplastics in comparison to natural sediment. 2018 , 147, 648-655	105
1298	Molecular identification of polymers and anthropogenic particles extracted from oceanic water and fish stomach - A Raman micro-spectroscopy study. 2018 , 233, 1113-1124	61
1297	Spatial variability in the concentrations of metals in beached microplastics. 2018 , 129, 487-493	109
1296	Opportunities for groundwater microbial electro-remediation. 2018 , 11, 119-135	35
1295	Sinks and sources: Assessing microplastic abundance in river sediment and deposit feeders in an Austral temperate urban river system. 2018 , 612, 950-956	214
1294	Recovery of value-added chemicals by solvolysis of unsaturated polyester resin. 2018 , 170, 131-136	12
1293	Qualitative assessment to determine internal and external factors influencing the origin of styrene oligomers pollution by polystyrene plastic in coastal marine environments. 2018 , 234, 167-173	15
1292	Circular economy of plastic packaging: Current practice and perspectives in Austria. 2018 , 72, 55-64	119
1291	Pollutants in Plastics within the North Pacific Subtropical Gyre. 2018 , 52, 446-456	85
1290	Chasing phthalates in tissues of marine turtles from the Mediterranean sea. 2018 , 127, 165-169	39
1289	Microplastics Are Contaminants of Emerging Concern in Freshwater Environments: An Overview. 2018 , 1-23	77
1288	Aquatic Ecotoxicity of Microplastics and Nanoplastics: Lessons Learned from Engineered Nanomaterials. 2018 , 25-49	29
1287	Marine plastic pollution as a planetary boundary threat ¶The drifting piece in the sustainability puzzle. 2018 , 96, 213-220	185
1286	Ingestion and fragmentation of plastic carrier bags by the amphipod <i>Orchestia gammarellus</i> : Effects of plastic type and fouling load. 2018 , 127, 154-159	42
1285	Microplastic and tar pollution on three Canary Islands beaches: An annual study. 2018 , 129, 494-502	64
1284	Comparative evaluation of sorption kinetics and isotherms of pyrene onto microplastics. 2018 , 193, 567-573	153
1283	Effects of polystyrene microplastics on early stages of two marine invertebrates with different feeding strategies. 2018 , 237, 1080-1087	85

1282	Bioindicators for monitoring marine litter ingestion and its impacts on Mediterranean biodiversity. 2018 , 237, 1023-1040	149
1281	Occurrence of microplastics and its pollution in the environment: A review. 2018 , 13, 16-23	131
1280	Responses of reef building corals to microplastic exposure. 2018 , 237, 955-960	120
1279	Persistent organic pollutants in fat of three species of Pacific pelagic longline caught sea turtles: Accumulation in relation to ingested plastic marine debris. 2018 , 610-611, 402-411	39
1278	Effect of Sodium Chloride and Thiourea on Pollutant Formation during Combustion of Plastics. 2018 , 11, 2014	2
1277	Ruminal impaction due to plastic materials - An increasing threat to ruminants and its impact on human health in developing countries. 2018 , 11, 1307-1315	25
1276	Bioreactor Operating Strategies for Improved Polyhydroxyalkanoate (PHA) Productivity. 2018 , 10,	37
1275	Classification of marine microdebris: A review and case study on fish from the Great Barrier Reef, Australia. 2018 , 8, 16422	31
1274	Bioremediation of Polythenes and Plastics: A Microbial Approach. 2018 , 97-114	4
1273	Bisphenol A and Phthalates: How Environmental Chemicals Are Reshaping Toxicology. 2018 , 166, 246-249	28
1272	Cellular Bioreactivity of Micro- and Nano-Plastic Particles in Oysters. 2018 , 5,	33
1271	Ecotoxicological effects of polystyrene microbeads in a battery of marine organisms belonging to different trophic levels. 2018 , 141, 313-321	56
1270	Sorption and desorption of selected pharmaceuticals by polyethylene microplastics. 2018 , 136, 516-523	114
1269	Desorption of Hydrophobic Organic Chemicals from Fragment-Type Microplastics. 2018 , 53, 631-639	10
1268	Pathologic findings and causes of death of stranded cetaceans in the Canary Islands (2006-2012). 2018 , 13, e0204444	43
1267	Marine debris in Trindade Island, a remote island of the South Atlantic. 2018 , 137, 180-184	40
1266	Microplastics in the stomach contents of common dolphin (<i>Delphinus delphis</i>) stranded on the Galician coasts (NW Spain, 2005-2010). 2018 , 137, 526-532	48
1265	Comparison of Raman and Fourier Transform Infrared Spectroscopy for the Quantification of Microplastics in the Aquatic Environment. 2018 , 52, 13279-13288	143

1264	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. 2018 , 121, 942-954	31
1263	Microplastics in the aquatic environment: Evidence for or against adverse impacts and major knowledge gaps. 2018 , 37, 2776-2796	267
1262	Humic acids modify the pulse size distributions in the characterization of plastic microparticles by Tunable Resistive Pulse Sensing. 2018 , 218, 59-69	
1261	Suitability of 3D-Printed devices for low-temperature geochemical experiments. 2018 , 98, 121-126	4
1260	Retrospective study of foreign body-associated pathology in stranded cetaceans, Canary Islands (2000-2015). 2018 , 243, 519-527	23
1259	Marine microplastic: Preparation of relevant test materials for laboratory assessment of ecosystem impacts. 2018 , 213, 103-113	49
1258	Seabird plastic ingestion differs among collection methods: Examples from the short-tailed shearwater. 2018 , 243, 1750-1757	16
1257	Acute toxicity of organic pesticides to <i>Daphnia magna</i> is unchanged by co-exposure to polystyrene microplastics. 2018 , 166, 26-34	47
1256	Composition and abundance of benthic marine litter in a coastal area of the central Mediterranean Sea. 2018 , 136, 243-247	41
1255	Polymer Identification of Plastic Debris Ingested by Pelagic-Phase Sea Turtles in the Central Pacific. 2018 , 52, 11535-11544	11
1254	Plastic Alters Biofilm Quality as Food Resource of the Freshwater Gastropod <i>Radix balthica</i> . 2018 , 52, 11387-11393	19
1253	Plasticizers and BPA Residues in Tunisian and Italian Culinary Herbs and Spices. 2018 , 83, 1769-1774	24
1252	Human activities might influence oncogenic processes in wild animal populations. 2018 , 2, 1065-1070	33
1251	Transfer of Hazardous Chemicals from Ingested Plastics to Higher-Trophic-Level Organisms. 2018 , 267-280	8
1250	The effect of polymer aging on the uptake of fuel aromatics and ethers by microplastics. 2018 , 240, 639-646	122
1249	Biodegradability standards for carrier bags and plastic films in aquatic environments: a critical review. 2018 , 5, 171792	109
1248	Microplastics pollution in different aquatic environments and biota: A review of recent studies. 2018 , 133, 191-208	268
1247	Microplastics in mussels and fish from the Northern Ionian Sea. 2018 , 135, 30-40	201

1246	Progresses in Polystyrene Biodegradation and Prospects for Solutions to Plastic Waste Pollution. 2018 , 150, 012005	13
1245	Sorption of Toxic Chemicals on Microplastics. 2018 , 225-247	8
1244	The effects of environmental conditions on the enrichment of antibiotics on microplastics in simulated natural water column. 2018 , 166, 377-383	52
1243	Characterization of plastic debris and association of metals with microplastics in coastline sediment along the Persian Gulf. 2018 , 78, 649-658	114
1242	Textural, surface and chemical properties of polyvinyl chloride particles degraded in a simulated environment. 2018 , 133, 392-401	24
1241	Accumulation of Plastic Debris and Associated Contaminants in Aquatic Food Webs. 2018 , 52, 8510-8520	132
1240	Chemicals Associated With Marine Plastic Debris and Microplastics: Analyses and Contaminant Levels. 2018 , 271-315	7
1239	Plastic pellets, meso- and microplastics on the coastline of Northern Crete: Distribution and organic pollution. 2018 , 133, 578-589	45
1238	First evidence of microplastic ingestion by fishes from the Amazon River estuary. 2018 , 133, 814-821	113
1237	Scleractinian coral microplastic ingestion: Potential calcification effects, size limits, and retention. 2018 , 135, 587-593	65
1236	Production of methane and ethylene from plastic in the environment. 2018 , 13, e0200574	165
1235	Constraints and Priorities for Conducting Experimental Exposures of Marine Organisms to Microplastics. 2018 , 5,	113
1234	Application of nuclear techniques to environmental plastics research. 2018 , 192, 368-375	21
1233	A sustainable bioplastic obtained from rice straw. 2018 , 200, 357-368	80
1232	Ingested microplastic as a two-way transporter for PBDEs in <i>Talitrus saltator</i> . 2018 , 167, 411-417	63
1231	Garbage in guano? Microplastic debris found in faecal precursors of seabirds known to ingest plastics. 2018 , 644, 1477-1484	89
1230	Comparative Effects of Ingested PVC Micro Particles With and Without Adsorbed Benzo(a)pyrene vs. Spiked Sediments on the Cellular and Sub Cellular Processes of the Benthic Organism <i>Hediste diversicolor</i> . 2018 , 5,	42
1229	Microplastics as Vehicles of Environmental PAHs to Marine Organisms: Combined Chemical and Physical Hazards to the Mediterranean Mussels, <i>Mytilus galloprovincialis</i> . 2018 , 5,	162

1228	Ecotoxicological Effects of Chemical Contaminants Adsorbed to Microplastics in the Clam <i>Scrobicularia plana</i> . 2018 , 5,	68
1227	Environmental Factors Support the Formation of Specific Bacterial Assemblages on Microplastics. 2017 , 8, 2709	202
1226	Biodegradable Plastic Mulch Films: Impacts on Soil Microbial Communities and Ecosystem Functions. 2018 , 9, 819	139
1225	Microplastics Reduce Short-Term Effects of Environmental Contaminants. Part I: Effects of Bisphenol A on Freshwater Zooplankton Are Lower in Presence of Polyamide Particles. 2018 , 15,	65
1224	Microplastics Reduce Short-Term Effects of Environmental Contaminants. Part II: Polyethylene Particles Decrease the Effect of Polycyclic Aromatic Hydrocarbons on Microorganisms. 2018 , 15,	69
1223	Characterization of Acute and Chronic Toxicity of DBP to <i>Daphnia magna</i> . 2018 , 101, 214-221	7
1222	Conclusions of Hazardous Chemicals Associated with Plastics in Environment 2018 , 297-305	1
1221	Considerations on the use of equilibrium models for the characterisation of HOC-microplastic interactions in vector studies. 2018 , 210, 359-365	39
1220	Manufacturing a Better Planet: Challenges Arising from the Gap between the Best Intentions and Social Realities. 2018 , 3, 17	1
1219	Conservation Issues: Temperate Ocean Regions. 2018 , 203-215	
1218	Are ingested plastics a vector of PCB contamination in northern fulmars from coastal Newfoundland and Labrador?. 2018 , 167, 184-190	20
1217	Curable Ionic Liquid Prepolymer-Based Ion Gel Coating System for Toxic Industrial Chemical Hazard Mitigation on Porous Substrates. 2018 , 57, 16012-16020	4
1216	Microplastics in Sumba waters, East Nusa Tenggara. 2018 , 162, 012023	10
1215	Anthropogenic particles in the stomach contents and liver of the freshwater fish <i>Squalius cephalus</i> . 2018 , 643, 1257-1264	70
1214	Recent ecological change in ancient lakes. 2018 , 63, 2277-2304	36
1213	Biosorption with autochthonous and allochthonous fungal biomasses for bioremediation and detoxification of landfill leachate. 2018 , 77, 1	3
1212	Microplastics on the Portuguese coast. 2018 , 131, 294-302	50
1211	Controlling generation of benzenes and polycyclic aromatic hydrocarbons in thermolysis of polyvinyl chloride in CO ₂ . 2018 , 164, 453-459	23

1210	Why is the global governance of plastic failing the oceans?. 2018 , 51, 22-31	149
1209	Effect of Microplastic Amendment to Food on Diet Assimilation Efficiencies of PCBs by Fish. 2018 , 52, 10796-10802	20
1208	Microplastics in Seafood and the Implications for Human Health. 2018 , 5, 375-386	536
1207	The occurrence and degradation of aquatic plastic litter based on polymer physicochemical properties: A review. 2018 , 48, 685-722	72
1206	Acute microplastic exposure raises stress response and suppresses detoxification and immune capacities in the scleractinian coral <i>Pocillopora damicornis</i> . 2018 , 243, 66-74	127
1205	Microplastics integrating the coastal planktonic community in the inner zone of the R� de la Plata estuary (South America). 2018 , 243, 134-142	52
1204	Quality Criteria for the Analysis of Microplastic in Biota Samples: A Critical Review. 2018 , 52, 10230-10240	228
1203	Contamination of Indian sea salts with microplastics and a potential prevention strategy. 2018 , 25, 30122-30136	9
1202	Microplastics in <i>Talitrus saltator</i> (Crustacea, Amphipoda): new evidence of ingestion from natural contexts. 2018 , 25, 28725-28729	32
1201	Effects of microplastics on trophic parameters, abundance and metabolic activities of seawater and fish gut bacteria in mesocosm conditions. 2018 , 25, 30067-30083	26
1200	OBSOLETE: Plastics and the Anthropocene. 2018 ,	
1199	Recyclability of four types of plastics exposed to UV irradiation in a marine environment. 2018 , 79, 339-345	38
1198	The Occurrence, Fate, and Effects of Microplastics in the Marine Environment. 2018 , 133-173	6
1197	Evidence that microplastics aggravate the toxicity of organophosphorus flame retardants in mice (<i>Mus musculus</i>). 2018 , 357, 348-354	82
1196	Microplastic hotspots in the Snake and Lower Columbia rivers: A journey from the Greater Yellowstone Ecosystem to the Pacific Ocean. 2018 , 241, 1082-1090	109
1195	Occurrence, Fate, and Effect of Microplastics in Freshwater Systems. 2018 , 95-132	17
1194	Anthropogenic contamination of tap water, beer, and sea salt. 2018 , 13, e0194970	368
1193	Marine microplastic debris: An emerging issue for food security, food safety and human health. 2018 , 133, 336-348	539

1192	Brominated and organophosphate flame retardants along a sediment transect encompassing the Guiyu, China e-waste recycling zone. 2019 , 646, 58-67	61
1191	An exploratory ecotoxicity study of primary microplastics versus aged in natural waters and wastewaters. 2019 , 254, 112980	33
1190	Microplastics as Both a Sink and a Source of Bisphenol A in the Marine Environment. 2019 , 53, 10188-10196	92
1189	Effects of polyethylene microplastic on the phytotoxicity of di-n-butyl phthalate in lettuce (<i>Lactuca sativa</i> L. var. <i>ramosa</i> Hort). 2019 , 237, 124482	66
1188	Impacts of plastic products used in daily life on the environment and human health: What is known?. 2019 , 72, 103239	58
1187	What goes in, must come out: Combining scat-based molecular diet analysis and quantification of ingested microplastics in a marine top predator. 2019 , 10, 1712-1722	23
1186	Microplastic contamination on <i>Anadara granosa</i> Linnaeus 1758 in Pangkal Babu mangrove forest area, Tanjung Jabung Barat district, Jambi. 2019 , 1282, 012109	3
1185	Shedding light on the invisible: addressing the potential for groundwater contamination by plastic microfibers. 2019 , 27, 2719-2727	38
1184	Landfill leachates and wastewater of maritime origin as possible sources of endocrine disruptors in municipal wastewater. 2019 , 26, 25690-25701	17
1183	Empowering Hispanics in Higher Education Through the Operationalization of Academic English Strategies. 2019 , 1-21	
1182	Quantification of microplastics along the Caribbean Coastline of Colombia: Pollution profile and biological effects on <i>Caenorhabditis elegans</i> . 2019 , 146, 574-583	30
1181	Plastics occurrence in the gastrointestinal tract of <i>Zeus faber</i> and <i>Lepidopus caudatus</i> from the Tyrrhenian Sea. 2019 , 146, 408-416	24
1180	Microplastics as contaminants in the soil environment: A mini-review. 2019 , 691, 848-857	214
1179	Microplastic contamination of table salts from Taiwan, including a global review. 2019 , 9, 10145	47
1178	Plastic-derived contaminants in sediments from the coastal zone of the southern Baltic Sea. 2019 , 146, 255-262	10
1177	Particulate plastics as a vector for toxic trace-element uptake by aquatic and terrestrial organisms and human health risk. 2019 , 131, 104937	169
1176	Deep learning driven QSAR model for environmental toxicology: Effects of endocrine disrupting chemicals on human health. 2019 , 253, 29-38	23
1175	Toward the Development and Application of an Environmental Risk Assessment Framework for Microplastic. 2019 , 38, 2087-2100	37

1174	Ingested microscopic plastics translocate from the gut cavity of juveniles of the ascidian <i>Ciona intestinalis</i> . 2019 , 86, 189-195	16
1173	Mismanaged Plastic Waste: Far Side of the Moon. 2019 , 57-71	2
1172	Biomarkers of Exposure to Chemical Contamination in the Commercial Fish Species (<i>Euphrasen</i> , 1788): A Particular Focus on Plastic Additives. 2019 , 10, 905	22
1171	Seasonal variation in the abundance of marine plastic debris in Banderas Bay, Mexico. 2019 , 145, 604-610	22
1170	Effects of Leachates from UV-Weathered Microplastic in Cell-Based Bioassays. 2019 , 53, 9214-9223	45
1169	A systematic study of the microplastic burden in freshwater fishes of south-western Germany - Are we searching at the right scale?. 2019 , 689, 1001-1011	52
1168	Microplastic-toxic chemical interaction: a review study on quantified levels, mechanism and implication. 2019 , 1, 1	92
1167	Microplastics on the Menu: Plastics Pollute Indonesian Manta Ray and Whale Shark Feeding Grounds. 2019 , 6,	30
1166	First empirical study of freshwater microplastics in West Africa using gastropods from Nigeria as bioindicators. 2019 , 78, 125708	43
1165	Bioengineering a Future Free of Marine Plastic Waste. 2019 , 6,	15
1164	Dietary administration of PVC and PE microplastics produces histological damage, oxidative stress and immunoregulation in European sea bass (<i>Dicentrarchus labrax</i> L.). 2019 , 95, 574-583	60
1163	Plastic microbeads: small yet mighty concerning. 2021 , 31, 788-804	6
1162	Microplastic in Aquatic Environments. 2019 , 149-179	1
1161	Assessment of microplastic pollution: occurrence and characterisation in Vesijärvi lake and Pikku Vesijärvi pond, Finland. 2019 , 191, 652	41
1160	Airborne microplastics: a review study on method for analysis, occurrence, movement and risks. 2019 , 191, 668	108
1159	Microplastics are ubiquitous on California beaches and enter the coastal food web through consumption by Pacific mole crabs. 2019 , 139, 231-237	34
1158	Size-dependent elimination of ingested microplastics in the Mediterranean mussel <i>Mytilus galloprovincialis</i> . 2019 , 149, 110512	36
1157	Environmental occurrences, fate, and impacts of microplastics. 2019 , 184, 109612	135

1156	Plastic pollutants: effective waste management for pollution control and abatement. 2019 , 12, 72-84	78
1155	Impacts of microplastics on growth and health of hermatypic corals are species-specific. 2019 , 254, 113074	56
1154	Microplastics modify the toxicity of glyphosate on <i>Daphnia magna</i> . 2019 , 697, 134194	44
1153	Modeling Plastics Exposure for the Marine Biota: Risk Maps for Fin Whales in the Pelagos Sanctuary (North-Western Mediterranean). 2019 , 6,	24
1152	EMODnet marine litter data management at pan-European scale. 2019 , 181, 104930	7
1151	Colonization of floats from submerged derelict fishing gears by four protected species of deep-sea corals and barnacles in the Strait of Messina (central Mediterranean Sea). 2019 , 148, 61-65	11
1150	Effect-Directed Analysis of Ah Receptor-Mediated Potencies in Microplastics Deployed in a Remote Tropical Marine Environment. 2019 , 7,	4
1149	Effects of microplastic particles and leaching additive on the life history and morphology of <i>Daphnia magna</i> . 2019 , 255, 113233	73
1148	Ingestion of polyethylene microbeads affects the growth and reproduction of medaka, <i>Oryzias latipes</i> . 2019 , 254, 113094	9
1147	Bacterial Candidates for Colonization and Degradation of Marine Plastic Debris. 2019 , 53, 11636-11643	89
1146	Invasion of the biosphere by synthetic polymers: What our current knowledge may mean for our future. 2019 , 38, 161-164	3
1145	Sorption and desorption of organic UV filters onto microplastics in single and multi-solute systems. 2019 , 254, 113066	20
1144	Hydrothermal carbonization (HTC) of marine plastic debris. 2019 , 257, 116033	15
1143	Pathway, classification and removal efficiency of microplastics in wastewater treatment plants. 2019 , 255, 113326	105
1142	Microplastics in a freshwater mussel (<i>Anodonta anatina</i>) in Northern Europe. 2019 , 697, 134192	27
1141	Microplastic pollution in water and fish samples around Nanxun Reef in Nansha Islands, South China Sea. 2019 , 696, 134022	57
1140	Preparation and characterization of novel bio ion exchanger from medicinal herb waste (chicory) for the removal of Pb ²⁺ and Cd ²⁺ from aqueous solutions. 2019 , 28, 88-99	15
1139	Consequences of a contaminant mixture of bisphenol A (BPA) and di-(2-ethylhexyl) phthalate (DEHP), two plastic-derived chemicals, on the diversity of coastal phytoplankton. 2019 , 138, 385-396	11

1138	A catchment-scale perspective of plastic pollution. 2019 , 25, 1207	144
1137	Abundance of non-conservative microplastics in the upper ocean from 1957 to 2066. 2019 , 10, 417	154
1136	Two-dimensional distribution and abundance of micro- and mesoplastic pollution in the surface sediment of Xialiao Beach, New Taipei City, Taiwan. 2019 , 140, 75-85	31
1135	In vitro evaluation of cytotoxic and genotoxic effects of Di(2-ethylhexyl)-phthalate (DEHP) on European sea bass (<i>Dicentrarchus labrax</i>) embryonic cell line. 2019 , 56, 118-125	14
1134	Microplastics in marine mammals stranded around the British coast: ubiquitous but transitory?. 2019 , 9, 1075	141
1133	Organic pollutants in marine plastic debris from Canary Islands beaches. 2019 , 662, 22-31	84
1132	Plastic ingestion in seabirds of the western Indian Ocean. 2019 , 140, 308-314	23
1131	Microplastic pollution in estuaries across a gradient of human impact. 2019 , 247, 457-466	74
1130	A case study investigating temporal factors that influence microplastic concentration in streams under different treatment regimes. 2019 , 26, 21797-21807	18
1129	Degradation of Low-Density Polyethylene Film Exposed to UV Radiation in Four Environments. 2019 , 23, 04019015	22
1128	Leaching of endocrine disrupting chemicals from marine microplastics and mesoplastics under common life stress conditions. 2019 , 130, 104938	95
1127	River Deltas as hotspots of microplastic accumulation: The case study of the Ebro River (NW Mediterranean). 2019 , 687, 1186-1196	105
1126	Opportunistic detection of anthropogenic micro debris in harbor seal (<i>Phoca vitulina vitulina</i>) and gray seal (<i>Halichoerus grypus atlantica</i>) fecal samples from haul-outs in southeastern Massachusetts, USA. 2019 , 145, 390-395	16
1125	Microplastic accumulation and biomagnification in a coastal marine reserve situated in a sparsely populated area. 2019 , 146, 54-59	25
1124	Marine debris in Indonesia: A review of research and status. 2019 , 146, 134-144	33
1123	Physicochemical properties of styrene oligomers in the environment. 2019 , 683, 216-220	6
1122	A review of threats to groundwater quality in the anthropocene. 2019 , 684, 136-154	117
1121	Exposure of coastal dune vegetation to plastic bag leachates: A neglected impact of plastic litter. 2019 , 683, 737-748	30

1120	Associations between microplastic pollution and land use in urban wetland sediments. 2019 , 26, 22551-22561	44
1119	Quantitative analysis of pellets on beaches of the Sã Paulo coast and associated non-ingested ecotoxicological effects on marine organisms. 2019 , 29, 100705	3
1118	Microplastic debris in beaches of Tenerife (Canary Islands, Spain). 2019 , 146, 26-32	49
1117	An evaluation of the Fishing For Litter (FFL) scheme in the UK in terms of attitudes, behavior, barriers and opportunities. 2019 , 144, 48-60	16
1116	General Introduction. 2019 , 1-9	
1115	Conclusions and Future Needs. 2019 , 127-130	1
1114	Social Awareness of Plastic Waste Threat. 2019 , 85-91	
1113	Recycled Plastic Waste Asphalt Concrete via Mineral Aggregate Substitution and Binder Modification. 2019 , 31, 04019134	17
1112	Dispersion, Accumulation, and the Ultimate Fate of Microplastics in Deep-Marine Environments: A Review and Future Directions. 2019 , 7,	136
1111	Marine debris: A review of impacts and global initiatives. 2019 , 37, 987-1002	40
1110	Mikroplastik. 2019 , 15-242	1
1109	Widespread distribution of PET and PC microplastics in dust in urban China and their estimated human exposure. 2019 , 128, 116-124	156
1108	Microplastic contamination and pollutant levels in mussels and cockles collected along the channel coasts. 2019 , 250, 807-819	64
1107	Microplastic-Contaminant Interactions: Influence of Nonlinearity and Coupled Mass Transfer. 2019 , 38, 1635-1644	16
1106	Biodynamics of mercury in mussel tissues as a function of exposure pathway: natural vs microplastic routes. 2019 , 674, 412-423	42
1105	Microplastics and the gut microbiome: How chronically exposed species may suffer from gut dysbiosis. 2019 , 143, 193-203	93
1104	The phenomenological mass transfer kinetics model for Sr sorption onto spheroids primary microplastics. 2019 , 250, 737-745	53
1103	Review of micro- and nanoplastic contamination in the food chain. 2019 , 36, 639-673	209

1102	Toxicity assessment of pollutants sorbed on environmental microplastics collected on beaches: Part II-adverse effects on Japanese medaka early life stages. 2019 , 248, 1098-1107	36
1101	Microplastic in wild populations of the omnivorous crab <i>Carcinus aestuarii</i> : A review and a regional-scale test of extraction methods, including microfibrils. 2019 , 251, 117-127	34
1100	Estimating the Mass of Chemicals Associated with Ocean Plastic Pollution to Inform Mitigation Efforts. 2019 , 15, 596-606	26
1099	Exploring the long-term effect of plastic on compost microbiome. 2019 , 14, e0214376	15
1098	A spectroscopic and theoretical investigation of interaction mechanisms of tetracycline and polystyrene nanospheres under different conditions. 2019 , 249, 398-405	33
1097	The why and how of micro(nano)plastic research. 2019 , 114, 196-201	67
1096	The complex issue of chemicals and microplastic pollution: A case study in North Pacific lanternfish. 2019 , 248, 1000-1009	26
1095	Microplastics in the marine environment: Current trends in environmental pollution and mechanisms of toxicological profile. 2019 , 68, 61-74	278
1094	A Comprehensive Literature Study on Microfibrils from Washing Machines. 2019 , 56, 94-104	12
1093	Fish and Seabird Gut Conditions Enhance Desorption of Estrogenic Chemicals from Commonly-Ingested Plastic Items. 2019 , 53, 4588-4599	53
1092	Polystyrene nanoplastics alter the cytotoxicity of human pharmaceuticals on marine fish cell lines. 2019 , 69, 57-65	41
1091	Plastics in sea surface waters around the Antarctic Peninsula. 2019 , 9, 3977	120
1090	Isolation of Bisphenol A-Tolerating/degrading <i>Shewanella haliotis</i> Strain MH137742 from an Estuarine Environment. 2019 , 189, 103-115	8
1089	Sorption behaviors of phenanthrene, nitrobenzene, and naphthalene on mesoplastics and microplastics. 2019 , 26, 12563-12573	16
1088	Co-exposure to polystyrene plastic beads and polycyclic aromatic hydrocarbon contaminants in fish gill (RTgill-W1) and intestinal (RTgutGC) epithelial cells derived from rainbow trout (<i>Oncorhynchus mykiss</i>). 2019 , 248, 706-714	20
1087	Insights into the uptake, elimination and accumulation of microplastics in mussel. 2019 , 249, 321-329	60
1086	Water and health: From environmental pressures to integrated responses. 2019 , 193, 217-226	53
1085	Microplastics in freshwater environment: the first evaluation in sediments from seven water streams surrounding the lagoon of Bizerte (Northern Tunisia). 2019 , 26, 14673-14682	51

1084	Detection of ultrafine plastics ingested by seabirds using tissue digestion. 2019 , 142, 470-474	10
1083	Occurrence and Species-Specific Distribution of Plastic Debris in Wild Freshwater Fish from the Pearl River Catchment, China. 2019 , 38, 1504-1513	28
1082	Current knowledge on enzymatic PET degradation and its possible application to waste stream management and other fields. 2019 , 103, 4253-4268	178
1081	Nearshore survey and cleanup of benthic marine debris using citizen science divers along the Mediterranean coast of Israel. 2019 , 175, 17-32	10
1080	Plastic debris on Pacific Islands: Ecological and health implications. 2019 , 670, 181-187	21
1079	Concentrations and fingerprints of PAHs and PCBs adsorbed onto marine plastic debris from the Indonesian Cilacap coast and the North Atlantic gyre. 2019 , 29, 100611	13
1078	Exposure to microplastics (. 2019 , 157, 365-371	105
1077	Global ecological, social and economic impacts of marine plastic. 2019 , 142, 189-195	264
1076	Enhancement in adsorption potential of microplastics in sewage sludge for metal pollutants after the wastewater treatment process. 2019 , 157, 228-237	120
1075	PAHs, pesticides, personal care products and plastic additives in plastic debris from Spanish Mediterranean beaches. 2019 , 670, 672-684	55
1074	Hydrophobic sorption behaviors of 17β-Estradiol on environmental microplastics. 2019 , 226, 726-735	76
1073	Microplastics as a threat to coral reef environments: Detection of phthalate esters in neuston and scleractinian corals from the Faafu Atoll, Maldives. 2019 , 142, 234-241	48
1072	Chalcone-analogue fluorescent probes for detecting thiophenols in seawater samples. 2019 , 201, 301-308	10
1071	Impacts of leachates from single-use polyethylene plastic bags on the early development of clam <i>Meretrix meretrix</i> (Bivalvia: Veneridae). 2019 , 142, 54-57	20
1070	Sub-lethal doses of polybrominated diphenyl ethers affect some biomarkers involved in energy balance and cell cycle, via oxidative stress in the marine fish cell line SAF-1. 2019 , 210, 1-10	14
1069	Toxicity assessment of pollutants sorbed on environmental sample microplastics collected on beaches: Part I-adverse effects on fish cell line. 2019 , 248, 1088-1097	38
1068	Are ecosystem services provided by insects bugged by micro (nano)plastics?. 2019 , 113, 317-320	25
1067	Oxidative Stress, Induced by Sub-Lethal Doses of BDE 209, Promotes Energy Management and Cell Cycle Modulation in the Marine Fish Cell Line SAF-1. 2019 , 16,	5

1066	Aging of packaging films in the marine environment. 2019 , 59, E432-E441	10
1065	Recycling of different plastics in asphalt concrete. 2019 , 287-305	2
1064	Microplastic pollution in commercial salt for human consumption: A review. 2019 , 219, 161-168	116
1063	Flame retardant concentrations and profiles in wild birds associated with landfill: A critical review. 2019 , 248, 646-658	24
1062	Research and management of plastic pollution in coastal environments of China. 2019 , 248, 898-905	52
1061	Evidence of transport of styrene oligomers originated from polystyrene plastic to oceans by runoff. 2019 , 667, 57-63	22
1060	Organic contamination of beached plastic pellets in the South Atlantic: Risk assessments can benefit by considering spatial gradients. 2019 , 223, 608-615	30
1059	Effect of microplastics on the toxicity of chlorpyrifos to the microalgae <i>Isochrysis galbana</i> , clone t-ISO. 2019 , 173, 103-109	57
1058	Preliminary study and first evidence of presence of microplastics and colorants in green mussel, <i>Perna viridis</i> (Linnaeus, 1758), from southeast coast of India. 2019 , 140, 416-422	50
1057	Aryl hydrocarbon receptor-mediated potencies in field-deployed plastics vary by type of polymer. 2019 , 26, 9079-9088	8
1056	Floating microplastics and aggregate formation in the Western Mediterranean Sea. 2019 , 140, 523-535	101
1055	Characterization of sorption properties of high-density polyethylene using the poly-parameter linear free-energy relationships. 2019 , 248, 312-319	15
1054	Ovarian Metabolism of an Environmentally Relevant Phthalate Mixture. 2019 , 169, 246-259	14
1053	Determining Environmentally Superior Decommissioning Options for Hard and Flexible Pipelines. 2019 ,	1
1052	Microplastics: A Global Water Pollution Problem. 2019 , 1-15	0
1051	Plastic litter in the European Arctic: What do we know?. 2019 , 5, 308-318	54
1050	Impact of Plastic Pollution on Marine Life in the Mediterranean Sea. 2019 , 1	11
1049	Microplastic Contamination Has Limited Effects on Coral Fertilisation and Larvae. 2019 , 11, 228	13

1048	The Hydrophobicity of Lignocellulosic Fiber Network Can Be Enhanced with Suberin Fatty Acids. 2019 , 24,	4
1047	Microplastics in sediments and fish from the Red Sea coast at Jeddah (Saudi Arabia). 2019 , 16, 641	13
1046	Estimating microplastic-bound intake of hydrophobic organic chemicals by fish using measured desorption rates to artificial gut fluid. 2019 , 651, 162-170	46
1045	Releases of brominated flame retardants (BFRs) from microplastics in aqueous medium: Kinetics and molecular-size dependence of diffusion. 2019 , 151, 215-225	68
1044	Accumulation and fate of nano- and micro-plastics and associated contaminants in organisms. 2019 , 111, 139-147	111
1043	Significance of interactions between microplastics and POPs in the marine environment: A critical overview. 2019 , 111, 252-260	171
1042	Microplastics, a food safety issue?. 2019 , 84, 55-57	55
1041	Microplastics in the environment: A review of analytical methods, distribution, and biological effects. 2019 , 111, 62-72	153
1040	Microplastics in wastewater treatment plants: Detection, occurrence and removal. 2019 , 152, 21-37	531
1039	Biotechnological tools for the effective management of plastics in the environment. 2019 , 49, 410-441	31
1038	Relevance of nano- and microplastics for freshwater ecosystems: A critical review. 2019 , 110, 375-392	221
1037	Phthalate Release from Plastic Fragments and Degradation in Seawater. 2019 , 53, 166-175	143
1036	Interactions between anthropogenic litter and birds: A global review with a 'black-list' of species. 2019 , 138, 93-114	58
1035	Pressure and impact of anthropogenic litter on marine and estuarine reptiles: an updated "blacklist" highlighting gaps of evidence. 2019 , 26, 1238-1249	23
1034	Destabilization of polyethylene and polyvinylchloride structure by marine bacterial strain. 2019 , 26, 1507-1516	46
1033	Studies on the properties and biodegradability of PVA/Trapa natans starch (N-st) composite films and PVA/N-st-g-poly (EMA) composite films. 2019 , 123, 826-836	19
1032	Assessing plastic debris in aquatic food webs: what we know and don't know about uptake and trophic transfer. 2019 , 27, 304-317	64
1031	Crop-dependent changes in water absorption of expanded polystyrene in soil environments. 2019 , 219, 345-350	12

1030	Low-density polyethylene microplastics as a source and carriers of agrochemicals to soil and earthworms. 2019 , 16, 8	73
1029	Evaluating exposure of northern fur seals, <i>Callorhinus ursinus</i> , to microplastic pollution through fecal analysis. 2019 , 138, 213-221	39
1028	Transfer of PCBs from Microplastics under Simulated Gut Fluid Conditions Is Biphasic and Reversible. 2019 , 53, 1874-1883	81
1027	Trace elements in microplastics in Cartagena: A hotspot for plastic pollution at the Caribbean. 2019 , 139, 402-411	54
1026	Microplastics in offshore sediment in the Yellow Sea and East China Sea, China. 2019 , 244, 827-833	131
1025	Marine microplastics bound dioxin-like chemicals: Model explanation and risk assessment. 2019 , 364, 82-90	72
1024	Simulated digestion of polystyrene foam enhances desorption of diethylhexyl phthalate (DEHP) and In vitro estrogenic activity in a size-dependent manner. 2019 , 246, 452-462	24
1023	A nutritional perspective on plastic ingestion in wildlife. 2019 , 656, 789-796	17
1022	The first application of quantitative ¹ H NMR spectroscopy as a simple and fast method of identification and quantification of microplastic particles (PE, PET, and PS). 2019 , 411, 823-833	35
1021	Toward an ecotoxicological risk assessment of microplastics: Comparison of available hazard and exposure data in freshwaters. 2019 , 38, 436-447	83
1020	Marine litter in stomach content of small pelagic fishes from the Adriatic Sea: sardines (<i>Sardina pilchardus</i>) and anchovies (<i>Engraulis encrasicolus</i>). 2019 , 26, 2771-2781	60
1019	First record of debris ingestion by the shorebird American Oystercatcher (<i>Haematopus palliatus</i>) on the Southern coast of Brazil. 2019 , 138, 235-240	7
1018	Microbial Remediation of Organic Pollutants. 2019 , 283-303	0
1017	Microplastics Pollution in the Marine Environment. 2019 , 329-351	7
1016	Challenges associated with plastic waste disposal and allied microbial routes for its effective degradation: A comprehensive review. 2019 , 208, 65-76	117
1015	Microplastics in juvenile Chinook salmon and their nearshore environments on the east coast of Vancouver Island. 2019 , 244, 135-142	48
1014	Collective Responsibility Gaps. 2019 , 154, 943-954	5
1013	Plasticizers and BPA in spices and aromatic herbs of Mediterranean areas. 2020 , 34, 87-92	8

1012	Pollutants delivered every day: Phthalates in plastic express packaging bags and their leaching potential. 2020 , 384, 121282	46
1011	Abundance, distribution patterns, and identification of microplastics in Brisbane River sediments, Australia. 2020 , 700, 134467	83
1010	Understanding How Microplastics Affect Marine Biota on the Cellular Level Is Important for Assessing Ecosystem Function: A Review. 2020 , 101-120	20
1009	Microplastic pollution in vegetable farmlands of suburb Wuhan, central China. 2020 , 257, 113449	117
1008	Politics and the plastic crisis: A review throughout the plastic life cycle. 2020 , 9, e360	86
1007	Environmental samples of microplastics induce significant toxic effects in fish larvae. 2020 , 134, 105047	135
1006	Accumulation of polybrominated diphenyl ethers and microbiome response in the great pond snail <i>Lymnaea stagnalis</i> with exposure to nylon (polyamide) microplastics. 2020 , 188, 109882	23
1005	Microplastic ingestion by zooplankton in Terengganu coastal waters, southern South China Sea. 2020 , 150, 110616	44
1004	Focus topics on microplastics in soil: Analytical methods, occurrence, transport, and ecological risks. 2020 , 257, 113570	117
1003	Marine litter pollution on the Northern Island of the Novaya Zemlya archipelago. 2020 , 150, 110671	15
1002	Microplastic occurrence and effects in commercially harvested North American finfish and shellfish: Current knowledge and future directions. 2020 , 5, 113-136	20
1001	Colonization characteristics of bacterial communities on microplastics compared with ambient environments (water and sediment) in Haihe Estuary. 2020 , 708, 134876	44
1000	A preliminary study of the interactions between microplastics and citrate-coated silver nanoparticles in aquatic environments. 2020 , 385, 121601	38
999	Selectively enrichment of antibiotics and ARGs by microplastics in river, estuary and marine waters. 2020 , 708, 134594	68
998	Holistic assessment of microplastics in various coastal environmental matrices, southwest coast of India. 2020 , 703, 134947	69
997	Microplastic concentrations in two Oregon bivalve species: Spatial, temporal, and species variability. 2020 , 5, 54-65	42
996	Microplastic study reveals the presence of natural and synthetic fibres in the diet of King Penguins (<i>Aptenodytes patagonicus</i>) foraging from South Georgia. 2020 , 134, 105303	51
995	Effect of weathering on environmental behavior of microplastics: Properties, sorption and potential risks. 2020 , 242, 125193	183

994	Contrasting Response of Nutrient Acquisition Traits in Wheat Grown on Bisphenol A-Contaminated Soils. 2020 , 231, 1	6
993	Sorption of PAHs to microplastic and their bioavailability and toxicity to marine copepods under co-exposure conditions. 2020 , 258, 113844	95
992	Plastic bag bans: Lessons from the Australian Capital Territory. 2020 , 154, 104638	28
991	Interaction of chemical contaminants with microplastics: Principles and perspectives. 2020 , 706, 135978	142
990	Direct and indirect effects of microplastics on bivalves, with a focus on edible species: A mini-review. 2020 , 50, 2109-2143	30
989	Toxicity of microplastics and natural particles in the freshwater dipteran <i>Chironomus riparius</i> : Same same but different?. 2020 , 711, 134604	29
988	Microplastics in wild fish from North East Atlantic Ocean and its potential for causing neurotoxic effects, lipid oxidative damage, and human health risks associated with ingestion exposure. 2020 , 717, 134625	219
987	Vessel-based photographic assessment of beach litter in remote coasts. A wide scale application in Saronikos Gulf, Greece. 2020 , 150, 110684	8
986	Evaluation of microplastics in beach sediments along the coast of Dubai, UAE. 2020 , 150, 110739	33
985	Occurrence and concentrations of chemical additives in plastic fragments on a beach on the island of Kauai, Hawaii. 2020 , 150, 110732	15
984	Biocompatible solid-phase microextraction coupled to liquid chromatography triple quadrupole mass spectrometry analysis for the determination of phthalates in marine invertebrate. 2020 , 1618, 460852	12
983	Plasticizer Degradation by Marine Bacterial Isolates: A Proteogenomic and Metabolomic Characterization. 2020 , 54, 2244-2256	36
982	PCBs and PBDEs in microplastic particles and zooplankton in open water in the Pacific Ocean and around the coast of Japan. 2020 , 151, 110806	44
981	Effects of chemical pretreatments on microplastic extraction in sewage sludge and their physicochemical characteristics. 2020 , 171, 115379	45
980	Transport of Nano- and Microplastic through Unsaturated Porous Media from Sewage Sludge Application. 2020 , 54, 911-920	58
979	Spatio-temporal distribution of sea turtle strandings and factors contributing to their mortality in south-eastern Brazil. 2020 , 30, 331-350	6
978	Modelling the global impact of China's ban on plastic waste imports. 2020 , 154, 104607	38
977	A meta-analysis of methodologies adopted by microplastic studies in China. 2020 , 718, 135371	33

976	Plastic debris in rivers. 2020 , 7, e1398	84
975	Assessment of microplastics in freshwater systems: A review. 2020 , 707, 135578	219
974	Polyethylene microplastics affect the distribution of gut microbiota and inflammation development in mice. 2020 , 244, 125492	119
973	Polystyrene microplastics increase uptake, elimination and cytotoxicity of decabromodiphenyl ether (BDE-209) in the marine scallop <i>Chlamys farreri</i> . 2020 , 258, 113657	25
972	Longitudinal dispersion of microplastics in aquatic flows using fluorometric techniques. 2020 , 170, 115337	22
971	Ingestion of plastic debris (macro and micro) by longnose lancetfish (<i>Alepisaurus ferox</i>) in the North Atlantic Ocean. 2020 , 33, 100977	6
970	Carbamazepine, cadmium chloride and polybrominated diphenyl ether-47, synergistically modulate the expression of antioxidants and cell cycle biomarkers, in the marine fish cell line SAF-1. 2020 , 154, 104844	5
969	Microbial colonization of different microplastic types and biotransformation of sorbed PCBs by a marine anaerobic bacterial community. 2020 , 705, 135790	37
968	Microplastics ingestion in the ephyra stage of <i>Aurelia</i> sp. triggers acute and behavioral responses. 2020 , 189, 109983	29
967	Research landscape of a global environmental challenge: Microplastics. 2020 , 170, 115358	31
966	Are phthalate ester contaminants in northern fulmar preen oil higher in birds that have ingested more plastic?. 2020 , 150, 110679	10
965	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. 2020 , 36, 731-737	4
964	Microplastic Pollution in Deep-Sea Sediments From the Great Australian Bight. 2020 , 7,	56
963	The Paleoecology of Microplastic Contamination. 2020 , 8,	14
962	Ingestion of plastic debris by commercially important marine fish in southeast-south Brazil. 2020 , 267, 115508	16
961	Quantifying temporal trends in anthropogenic litter in a rocky intertidal habitat. 2020 , 160, 111543	15
960	Contamination of the Caspian Sea Southern coast sediments with microplastics: A marine environmental problem. 2020 , 160, 111620	8
959	Anthropogenic debris in the digestive tract of a southern right whale (<i>Eubalaena australis</i>) stranded in Golfo Nuevo, Argentina. 2020 , 161, 111738	3

958	Plastic pollution solutions: emerging technologies to prevent and collect marine plastic pollution. 2020 , 144, 106067	75
957	Plastic pollution in the marine environment. 2020 , 6, e04709	95
956	Modeling the Bioaccumulation and Biomagnification Potential of Microplastics in a Cetacean Foodweb of the Northeastern Pacific: A Prospective Tool to Assess the Risk Exposure to Plastic Particles. 2020 , 7,	29
955	Insights into the interactions of bisphenol and phthalate compounds with unamended and carnitine-amended montmorillonite clays. 2020 , 143, 107063-107063	7
954	Assessing the Toxicity of Leachates From Weathered Plastics on Photosynthetic Marine Bacteria <i>Prochlorococcus</i> . 2020 , 7,	12
953	Microplastics and sorbed contaminants - Trophic exposure in fish sensitive early life stages. 2020 , 161, 105126	9
952	Microplastics Pollution and Regulation. 2020 , 1-27	7
951	Estimation of the uptake and gut retention of microplastics in juvenile marine fish: Mummichogs (<i>Fundulus heteroclitus</i>) and red seabreams (<i>Pagrus major</i>). 2020 , 160, 111630	14
950	Transfer of Additive Chemicals From Marine Plastic Debris to the Stomach Oil of Northern Fulmars. 2020 , 8,	15
949	The Importance of Biofilms to the Fate and Effects of Microplastics. 2020 ,	1
948	In vitro effects of selected endocrine disruptors (DEHP, PCB118, BPA) on narrow-clawed crayfish (<i>Astacus leptodactylus</i>) primary cells. 2020 , 56, 783-791	2
947	Effects of Different Microplastics on Nematodes in the Soil Environment: Tracking the Extractable Additives Using an Ecotoxicological Approach. 2020 , 54, 13868-13878	31
946	A metrologically traceable protocol for the quantification of trace metals in different types of microplastic. 2020 , 15, e0236120	10
945	Health impacts of environmental contamination of micro- and nanoplastics: a review. 2020 , 25, 29	57
944	In Vivo Accumulation of Plastic-Derived Chemicals into Seabird Tissues. 2020 , 30, 723-728.e3	47
943	Long-term impacts of bio-based innovation in the chemical sector: A dynamic global perspective. 2020 , 272, 122738	10
942	Microplastics in sandy environments in the Florida Keys and the panhandle of Florida, and the ingestion by sea cucumbers (Echinodermata: Holothuroidea) and sand dollars (Echinodermata: Echinoidea). 2020 , 158, 111437	11
941	The hidden threat of plastic leachates: A critical review on their impacts on aquatic organisms. 2020 , 184, 116170	56

940	PET-microplastics as a vector for heavy metals in a simulated plant rhizosphere zone. 2020 , 744, 140984	43
939	SEM/EDS and Optical Microscopy Analysis of Microplastics. 2020 , 1-22	0
938	Quantification and morphological characterization of plastic litter (0.30-100 mm) in surface waters of off Colombo, west coast of Sri Lanka. 2020 , 192, 509	6
937	New filaments with natural fillers for FDM 3D printing and their applications in biomedical field. 2020 , 51, 698-703	9
936	Microplastic characterization based on the number of occupants. 2020 ,	3
935	Plastics Are an Insignificant Carrier of Riverine Organic Pollutants to the Coastal Oceans. 2020 , 54, 15852-15860	6
934	Assessment of Human Health Risks Posed by Nano-and Microplastics Is Currently Not Feasible. 2020 , 17,	15
933	Immunotoxicity and intestinal effects of nano- and microplastics: a review of the literature. 2020 , 17, 57	72
932	Transport of micro- and nanoplastics in the environment: Trojan-Horse effect for organic contaminants. 2020 , 1-37	9
931	Ingestion of plastic litter by the sandy anemone <i>Bunodactis reynaudi</i> . 2020 , 267, 115543	8
930	Expanding exploration of dynamic microplastic surface characteristics and interactions. 2020 , 130, 115993	18
929	Fishing gear dominates marine litter in the Wetlands Reserve in Al Wusta Governorate, Oman. 2020 , 159, 111503	6
928	Microplastics in agricultural soils: Extraction and characterization after different periods of polythene film mulching in an arid region. 2020 , 749, 141420	41
927	Bibliometric Profile of Global Microplastics Research from 2004 to 2019. 2020 , 17,	19
926	Microplastic-associated trophic transfer of benzo(k)fluoranthene in a limnic food web: Effects in two freshwater invertebrates (<i>Daphnia magna</i> , <i>Chironomus riparius</i>) and zebrafish (<i>Danio rerio</i>). 2020 , 237, 108849	3
925	Long-term exposure to microplastics induces oxidative stress and a pro-inflammatory response in the gut of <i>Sparus aurata</i> Linnaeus, 1758. 2020 , 266, 115295	42
924	The long-term legacy of plastic mass production. 2020 , 746, 141115	25
923	Release kinetics as a key linkage between the occurrence of flame retardants in microplastics and their risk to the environment and ecosystem: A critical review. 2020 , 185, 116253	20

922	Spatial variation of floatable plastic debris and microplastics in the Pearl River Estuary, South China. 2020 , 158, 111383	29
921	Microplastic degradation by bacteria in aquatic ecosystem. 2020 , 431-467	13
920	Use of plastic mulch in agriculture and strategies to mitigate the associated environmental concerns. 2020 , 164, 231-287	13
919	Upcycling of polyethylene terephthalate plastic waste to microporous carbon structure for energy storage. 2020 , 2, e201	11
918	Plastic-derived contaminants in Aleutian Archipelago seabirds with varied foraging strategies. 2020 , 158, 111435	5
917	Microplastic pollution as a grand challenge in marine research: A closer look at their adverse impacts on the immune and reproductive systems. 2020 , 204, 111109	37
916	Ingestion and elimination of anthropogenic fibres and microplastic fragments by the European anchovy (<i>Engraulis encrasicolus</i>) of the NW Mediterranean Sea. 2020 , 167, 1	5
915	First report of microplastics presence in the mussel <i>Mytilus chilensis</i> from Ushuaia Bay (Beagle Channel, Tierra del Fuego, Argentina). 2020 , 161, 111753	13
914	Microplastics ingestion by blue panchax fish (<i>Aplocheilichthys</i> sp.) from Ciliwung Estuary, Jakarta, Indonesia. 2020 , 161, 111763	27
913	Exploring the Interaction between Microplastics, Polycyclic Aromatic Hydrocarbons and Biofilms in Freshwater. 2020 , 1-12	4
912	Micro- and nanoplastics Current state of knowledge with the focus on oral uptake and toxicity. 2020 , 2, 4350-4367	53
911	Marine Plastic Debris: A New Surface for Microbial Colonization. 2020 , 54, 11657-11672	99
910	A New Generation of Bio-Composite Thermoplastic Filaments for a More Sustainable Design of Parts Manufactured by FDM. 2020 , 10, 5852	14
909	Microplastic and Fibre Contamination in a Remote Mountain Lake in Switzerland. 2020 , 12, 2410	15
908	Unraveling the Role of Plastic Waste Pollution in the Amvrakikos Wetlands National Park, Greece: The Stakeholders' Views. 2020 , 8, 549	3
907	Microplastics pollution in China water ecosystems: a review of the abundance, characteristics, fate, risk and removal. 2020 , 82, 1495-1508	6
906	Soil Pollution from Micro- and Nanoplastic Debris: A Hidden and Unknown Biohazard. 2020 , 12, 7255	26
905	Surface Pattern Analysis of Microplastics and Their Impact on Human-Derived Cells. 2020 , 2, 4541-4550	9

904	Characterization of petroleum-based plastics and their absorbed trace metals from the sediments of the Marina Beach in Chennai, India. 2020 , 32,	12
903	Biodegradation of Unpretreated Low-Density Polyethylene (LDPE) by sp. and sp., Isolated From Waste Dumpsite and Drilling Fluid. 2020 , 11, 603210	15
902	Uptake/release of organic contaminants by microplastics: A critical review of influencing factors, mechanistic modeling, and thermodynamic prediction methods. 2020 , 1-45	3
901	Plastics as vehicles of chemical compounds to marine organisms. 2020 , 548, 042040	0
900	A review of the treatment options for marine plastic waste in South Africa. 2020 , 161, 111785	9
899	Mercury interactions with algal and plastic microparticles: Comparative role as vectors of metals for the mussel, <i>Mytilus galloprovincialis</i> . 2020 , 396, 122739	25
898	Organic contaminants sorbed to microplastics affect marine medaka fish early life stages development. 2020 , 154, 111059	43
897	You Are What You Eat, Microplastics in Porbeagle Sharks From the North East Atlantic: Method Development and Analysis in Spiral Valve Content and Tissue. 2020 , 7,	8
896	Fabrication of highly sensitive Bisphenol A electrochemical sensor amplified with chemically modified multiwall carbon nanotubes and β -cyclodextrin. 2020 , 320, 128319	31
895	Bidirectional transfer of halogenated flame retardants between the gastrointestinal tract and ingested plastics in urban-adapted ring-billed gulls. 2020 , 730, 138887	6
894	Road impact in a protected area with rich biodiversity: the case of the Sebitoli road in Kibale National Park, Uganda. 2020 , 27, 27914-27925	5
893	A review on challenges and developments of analytical pyrolysis and other thermoanalytical techniques for the quali-quantitative determination of microplastics. 2020 , 149, 104841	54
892	Microplastics aggravate the adverse effects of BDE-47 on physiological and defense performance in mussels. 2020 , 398, 122909	26
891	A review of microplastics pollution in the soil and terrestrial ecosystems: A global and Bangladesh perspective. 2020 , 733, 139296	67
890	Laboratory simulation of microplastics weathering and its adsorption behaviors in an aqueous environment: A systematic review. 2020 , 265, 114864	60
889	Microplastics in take-out food containers. 2020 , 399, 122969	60
888	Trace elements in microplastics stranded on beaches of remote islands in the NE Atlantic. 2020 , 156, 111270	12
887	Framework for quantifying environmental losses of plastics from landfills. 2020 , 161, 104914	22

886	Sorption behaviors of crude oil on polyethylene microplastics in seawater and digestive tract under simulated real-world conditions. 2020 , 257, 127225	15
885	Quantification of microplastic in Red Hills Lake of Chennai city, Tamil Nadu, India. 2020 , 27, 33297-33306	37
884	Adsorptive interaction of antibiotic ciprofloxacin on polyethylene microplastics: Implications for vector transport in water. 2020 , 19, 100971	44
883	Adsorption kinetics of plasticizer dibutyl phthalate at the air-water interface. 2020 , 313, 113496	4
882	Microplastics in wild freshwater fish of different feeding habits from Beijiang and Pearl River Delta regions, south China. 2020 , 258, 127345	34
881	Marine plastic litter in certain trawl grounds along the peninsular coasts of India. 2020 , 157, 111299	7
880	Microplastic pollution in surface water of Lake Victoria. 2020 , 741, 140201	47
879	Microplastics as contaminants in freshwater environments: A multidisciplinary review. 2020 , 20, 333-345	19
878	Ingestion of microplastics and occurrence of parasite association in Mediterranean anchovy and sardine. 2020 , 158, 111399	21
877	Assessing the sorption of pharmaceuticals to microplastics through in-situ experiments in New York City waterways. 2020 , 729, 138766	21
876	Increased inheritance of structure and function of bacterial communities and pathogen propagation in plastisphere along a river with increasing antibiotics pollution gradient. 2020 , 265, 114641	27
875	Exploring plastic-induced satiety in foraging green turtles. 2020 , 265, 114918	14
874	Effects of chronic exposure to microplastics of different polymer types on early life stages of sea trout <i>Salmo trutta</i> . 2020 , 740, 139922	18
873	Experimental Exposure of <i>Lumbricus terrestris</i> to Microplastics. 2020 , 231, 1	19
872	Interaction of Environmental Pollutants with Microplastics: A Critical Review of Sorption Factors, Bioaccumulation and Ecotoxicological Effects. 2020 , 8,	45
871	Adsorption of chlorophenols on polyethylene terephthalate microplastics from aqueous environments: Kinetics, mechanisms and influencing factors. 2020 , 265, 114926	25
870	Passive and Active Removal of Marine Microplastics by a Mushroom Coral (<i>Danafungia scruposa</i>). 2020 , 7,	30
869	First evaluation of neustonic microplastics in the Macaronesian region, NE Atlantic. 2020 , 153, 110999	26

868	Natural history matters: Plastics in estuarine fish and sediments at the mouth of an urban watershed. 2020 , 15, e0229777	14
867	Delineating and preventing plastic waste leakage in the marine and terrestrial environment. 2020 , 27, 12830-12837	10
866	Microplastics in Fish and Shellfish [A Threat to Seafood Safety?]. 2020 , 29, 417-425	28
865	Analytical Scheme for Simultaneous Determination of Phthalates and Bisphenol A in Honey Samples Based on Dispersive Liquid-Liquid Microextraction Followed by GC-IT/MS. Effect of the Thermal Stress on PAE/BP-A Levels. 2020 , 3,	4
864	Interaction of Microplastics and Organic Pollutants: Quantification, Environmental Fates, and Ecological Consequences. 2020 , 161-184	1
863	Characteristics of Plastic Pollution in the Environment: A Review. 2021 , 107, 577-584	32
862	The influence of polyethylene microplastics on pesticide residue and degradation in the aquatic environment. 2020 , 394, 122517	35
861	Microplastics in sea-surface waters surrounding Sweden sampled by manta trawl and in-situ pump. 2020 , 153, 111019	34
860	Incidence of microplastics in personal care products: An appreciable part of plastic pollution. 2020 , 742, 140218	43
859	Microplastics as Vectors of Chromium and Lead during Dynamic Simulation of the Human Gastrointestinal Tract. 2020 , 12, 4792	8
858	The effects of anthropogenic marine debris on the behavior of the purple shore crab, <i>Hemigrapsus nudus</i> . 2020 , 163, 101916	2
857	Mussels facilitate the sinking of microplastics to bottom sediments and their subsequent uptake by detritus-feeders. 2020 , 266, 115151	16
856	Microplastics in Freshwater Ecosystems. 2020 , 1-19	2
855	Unraveling consequences of soil micro- and nano-plastic pollution on soil-plant system: Implications for nitrogen (N) cycling and soil microbial activity. 2020 , 260, 127578	37
854	Marine plastics: What risks and policies exist for seagrass ecosystems in the Plasticene?. 2020 , 158, 111425	14
853	Freshwater insects of different feeding guilds ingest microplastics in two Gulf of Guinea tributaries in Nigeria. 2020 , 27, 33373-33379	26
852	The sorption behaviour of amine micropollutants on polyethylene microplastics - impact of aging and interactions with green seaweed. 2020 , 22, 1678-1687	7
851	Feasibility of using plastic wastes as constructed wetland substrates and potential for pharmaceuticals and personal care products removal. 2020 , 55, 1241-1246	3

850	Microbes and Persistent Organic Pollutants in the Marine Environment. 2020 , 231, 1	3
849	Microplastics as a Vector for Exposure to Hydrophobic Organic Chemicals in Fish: A Comparison of Two Polymers and Silica Particles Spiked With Three Model Compounds. 2020 , 8,	9
848	Endocrine Disruptors and Marine Systems. 2020 , 188-194	3
847	Distribution, abundance and risks of microplastics in the environment. 2020 , 249, 126059	64
846	Early evidence of microplastics on seagrass and macroalgae. 2020 , 71, 922	28
845	Single-Pot Method for the Collection and Preparation of Natural Water for Microplastic Analyses: Microplastics in the Mississippi River System during and after Historic Flooding. 2020 , 39, 986-995	18
844	Metal adsorption by microplastics in aquatic environments under controlled conditions: exposure time, pH and salinity. 2020 , 1-8	14
843	Marine litter distribution in Ampana Beach Tojo Una-Una Regency Central Sulawesi Province. 2020 , 441, 012128	2
842	Leaching of flame-retardants from polystyrene debris: Bioaccumulation and potential effects on coral. 2020 , 151, 110862	21
841	Plastic pellets trigger feeding responses in sea anemones. 2020 , 222, 105447	9
840	Vertical distribution of microplastics in bay sediment reflecting effects of sedimentation dynamics and anthropogenic activities. 2020 , 152, 110885	38
839	Do different habits affect microplastics contents in organisms? A trait-based analysis on salt marsh species. 2020 , 153, 110983	28
838	Marine plastic debris in Central Chile: Characterization and abundance of macroplastics and burden of persistent organic pollutants (POPs). 2020 , 152, 110881	16
837	Exposure to a microplastic mixture is altering the life traits and is causing deformities in the non-biting midge <i>Chironomus riparius</i> Meigen (1804). 2020 , 262, 114248	27
836	Microplastics in the freshwater and terrestrial environments: Prevalence, fates, impacts and sustainable solutions. 2020 , 719, 137512	143
835	Bisphenol A and its analogs in muscle and liver of fish from the North East Atlantic Ocean in relation to microplastic contamination. Exposure and risk to human consumers. 2020 , 393, 122419	80
834	Quantification of floating riverine macro-debris transport using an image processing approach. 2020 , 10, 2198	13
833	Organic pollutants in sedimentary microplastics from eastern Guangdong: Spatial distribution and source identification. 2020 , 193, 110356	28

832	Histological, enzymatic and chemical analyses of the potential effects of differently sized microplastic particles upon long-term ingestion in zebrafish (<i>Danio rerio</i>). 2020 , 153, 111022	29
831	Occurrence, Fate and Fluxes of Plastics and Microplastics in Terrestrial and Freshwater Ecosystems. 2020 , 250, 1-43	9
830	In vitro avian bioaccessibility of metals adsorbed to microplastic pellets. 2020 , 261, 114107	13
829	Microplastics impair the feeding performance of a Mediterranean habitat-forming coral. 2020 , 155, 104887	34
828	Microplastics integrating the zooplanktonic fraction in a saline lake of Argentina: influence of water management. 2020 , 192, 117	14
827	(Micro)plastic crisis: Un-ignorable contribution to global greenhouse gas emissions and climate change. 2020 , 254, 120138	116
826	Microplastic contamination in Corpus Christi Bay blue crabs, <i>Callinectes sapidus</i> . 2020 , 5, 92-102	22
825	Microplastics in Kuwait marine environment: Results of first survey. 2020 , 152, 110880	29
824	How microplastics affect chiral illicit drug methamphetamine in aquatic food chain? From green alga (<i>Chlorella pyrenoidosa</i>) to freshwater snail (<i>Cipangopaludian cathayensis</i>). 2020 , 136, 105480	42
823	Microplastic ingestion by quagga mussels, <i>Dreissena bugensis</i> , and its effects on physiological processes. 2020 , 260, 113964	35
822	Effects of environmentally relevant concentrations of microplastic fibers on Pacific mole crab (<i>Emerita analoga</i>) mortality and reproduction. 2020 , 5, 74-83	40
821	Surface-Related Toxicity of Polystyrene Beads to Nematodes and the Role of Food Availability. 2020 , 54, 1790-1798	49
820	Municipal plastic recycling at two areas in China and heavy metal leachability of plastic in municipal solid waste. 2020 , 260, 114074	13
819	Polyethylene microplastics increase the toxicity of chlorpyrifos to the marine copepod <i>Acartia tonsa</i> . 2020 , 260, 114059	52
818	Plastic pollution on eight beaches of Tenerife (Canary Islands, Spain): An annual study. 2020 , 151, 110847	29
817	Garbage in garbage out: the contribution of our industrial advancement to wastewater degeneration. 2020 , 27, 22319-22335	8
816	Thermal and catalytic decomposition of waste plastics and its co-processing with petroleum residue through pyrolysis process. 2020 , 265, 121639	48
815	Plastic Pollution in East Asia: Macroplastics and Microplastics in the Aquatic Environment and Mitigation Efforts by Various Actors. 2020 , 1	5

814	Sources, transport, measurement and impact of nano and microplastics in urban watersheds. 2020 , 19, 275-336	25
813	The geography and geology of plastics. 2020 , 33-63	4
812	Ecological and health issues of plastic waste. 2020 , 513-527	9
811	Influence of microplastics on nutrients and metal concentrations in river sediments. 2020 , 263, 114490	16
810	Mesoplastics and large microplastics along a use gradient on the Uruguay Atlantic coast: Types, sources, fates, and chemical loads. 2020 , 721, 137734	13
809	Sorption Behavior and Mechanisms of Organic Contaminants to Nano and Microplastics. 2020 , 25,	52
808	Microplastics in aquatic environment: characterization, ecotoxicological effect, implications for ecosystems and developments in South Africa. 2020 , 27, 22271-22291	13
807	Microplastics and their affiliated PAHs in the sea surface connected to the southwest coast of Taiwan. 2020 , 254, 126818	22
806	First evidence of microplastics bioaccumulation by marine organisms in the Port Blair Bay, Andaman Islands. 2020 , 155, 111163	39
805	Microplastics Removal from Treated Wastewater by a Biofilter. 2020 , 12, 1085	20
804	The prevalence and source of plastic incorporated into nests of five seabird species on a small offshore island. 2020 , 154, 111076	17
803	Delineating the global plastic marine litter challenge: clarifying the misconceptions. 2020 , 192, 267	14
802	A Comprehensive First Baseline for Marine Litter Characterization in the Madeira Archipelago (NE Atlantic). 2020 , 231, 1	10
801	Spatiotemporal variation in microplastic contamination along a subtropical reservoir shoreline. 2020 , 27, 23880-23887	12
800	Polyvinyl chloride (PVC) plastic fragments release Pb additives that are bioavailable in zebrafish. 2020 , 263, 114422	45
799	Abundance and distribution of small microplastics (B Ph) in sediments and seaworms from the Southern Mediterranean coasts and characterisation of their potential harmful effects. 2020 , 263, 114634	34
798	Release of harmful volatile organic compounds (VOCs) from photo-degraded plastic debris: A neglected source of environmental pollution. 2020 , 394, 122596	51
797	Growing a circular economy with fungal biotechnology: a white paper. 2020 , 7, 5	97

796	Research progress in sources, analytical methods, eco-environmental effects, and control measures of microplastics. 2020 , 254, 126790	78
795	Physiological responses of garden cress (<i>L. sativum</i>) to different types of microplastics. 2020 , 727, 138609	70
794	Effects of hydrodynamics on the cross-sectional distribution and transport of plastic in an urban coastal river. 2021 , 93, 186-200	13
793	Polycyclic aromatic hydrocarbon sorption and bacterial community composition of biodegradable and conventional plastics incubated in coastal sediments. 2021 , 755, 143088	6
792	Nanoplastics in aquatic systems - are they more hazardous than microplastics?. 2021 , 272, 115950	35
791	Food or just a free ride? A meta-analysis reveals the global diversity of the Plastisphere. 2021 , 15, 789-806	37
790	Methods Matter: Methods for Sampling Microplastic and Other Anthropogenic Particles and Their Implications for Monitoring and Ecological Risk Assessment. 2021 , 17, 282-291	15
789	Effects of exposure of polyethylene microplastics to air, water and soil on their adsorption behaviors for copper and tetracycline. 2021 , 404, 126412	51
788	Solving the Plastics Problem: Moving the U.S. from Recycling to Reduction. 2021 , 34, 393-402	3
787	Polyhydroxyalkanoate biosynthesis and characterization from optimized medium utilizing distillery effluent using <i>Bacillus endophyticus</i> MTCC 9021: a statistical approach. 2021 , 39, 16-28	5
786	Microplastics in fish meal: Contamination level analyzed by polymer type, including polyester (PET), polyolefins, and polystyrene. 2020 , 273, 115792	13
785	A review: Research progress on microplastic pollutants in aquatic environments. 2021 , 766, 142572	50
784	New plastic formations in the Anthropocene. 2021 , 754, 142216	30
783	Developmental toxicity of plastic leachates on the sea urchin <i>Paracentrotus lividus</i> . 2021 , 269, 115744	16
782	Microplastics and their associated organic pollutants from the coastal waters of the central Adriatic Sea (Italy): Investigation of adipogenic effects in vitro. 2021 , 263, 128090	15
781	Microplastics in the coral reefs and their potential impacts on corals: A mini-review. 2021 , 762, 143112	38
780	Investigation of the Presence and Possible Migration from Microplastics of Phthalic Acid Esters and Polycyclic Aromatic Hydrocarbons. 2021 , 29, 599-611	11
779	Sorption and desorption of petroleum hydrocarbons on biodegradable and nondegradable microplastics. 2021 , 273, 128553	18

778	Uptake and cellular effects of PE, PP, PET and PVC microplastic particles. 2021 , 70, 105021	27
777	Synergistic effect of microplastic fragments and benzophenone-3 additives on lethal and sublethal <i>Daphnia magna</i> toxicity. 2021 , 402, 123845	30
776	Toxicity of polystyrene microplastics on juvenile <i>Oncorhynchus mykiss</i> (rainbow trout) after individual and combined exposure with chlorpyrifos?. 2021 , 403, 123980	30
775	Occurrence, toxicity and risk assessment of plastic additives in Besos river, Spain. 2021 , 263, 128022	15
774	Microplastics and associated contaminants in the aquatic environment: A review on their ecotoxicological effects, trophic transfer, and potential impacts to human health. 2021 , 405, 124187	64
773	What we need to know about PPE associated with the COVID-19 pandemic in the marine environment. 2021 , 163, 111879	62
772	Marine mammals and microplastics: A systematic review and call for standardisation. 2021 , 269, 116142	34
771	The dynamics of plastic pellets on sandy beaches: A new methodological approach. 2021 , 163, 105219	6
770	Rheological properties and aging performance of sulfur extended asphalt modified with recycled polyethylene waste. 2021 , 273, 121771	18
769	Spatial Distribution of Microplastics in Surficial Benthic Sediment of Lake Michigan and Lake Erie. 2021 , 55, 373-384	27
768	Dental resins used in 3D printing technologies release ovo-toxic leachates. 2021 , 270, 129003	9
767	Minimal impact at current environmental concentrations of microplastics on energy balance and physiological rates of the giant mussel <i>Choromytilus chorus</i> . 2021 , 162, 111834	5
766	Plastics in marine ecosystem: A review of their sources and pollution conduits. 2021 , 41, 101539	8
765	The combined exposure of microplastics and toxic contaminants in the floodplains of north India: A review. 2021 , 279, 111557	10
764	Biosecurity implications of drifting marine plastic debris: Current knowledge and future research. 2021 , 162, 111835	14
763	First evidence of microplastic contamination in the freshwater of Lake Guaíba, Porto Alegre, Brazil. 2021 , 759, 143503	39
762	Worldwide actions against plastic pollution from microbeads and microplastics in cosmetics focusing on European policies. Has the issue been handled effectively?. 2021 , 162, 111883	36
761	Pollution by anthropogenic microfibers in North-West Mediterranean Sea and efficiency of microfiber removal by a wastewater treatment plant. 2021 , 758, 144195	12

760	Distribution and removal characteristics of microplastics in different processes of the leachate treatment system. 2021 , 120, 240-247	11
759	Insight into the characteristics and sorption behaviors of aged polystyrene microplastics through three type of accelerated oxidation processes. 2021 , 407, 124836	23
758	Assessing microplastic as a vector for chemical entry into fish larvae using a novel tube-feeding approach. 2021 , 265, 129144	8
757	Feasibility study on use of waste fishing nets as continuous reinforcements in cement-based matrix. 2021 , 269, 121314	6
756	Microplastics and other anthropogenic particles are prevalent in mussels from San Francisco Bay, and show no correlation with PAHs. 2021 , 271, 116260	16
755	Distribution characteristics of microplastics in agricultural soils from the largest vegetable production base in China. 2021 , 756, 143860	52
754	Chemicals sorbed to environmental microplastics are toxic to early life stages of aquatic organisms. 2021 , 208, 111665	20
753	Current technologies for plastic waste treatment: A review. 2021 , 282, 124523	55
752	Effect of polystyrene on di-butyl phthalate (DBP) bioavailability and DBP-induced phytotoxicity in lettuce. 2021 , 268, 115870	28
751	Bisphenol A in Africa: A review of environmental and biological levels. 2021 , 764, 142854	14
750	Producing a high heating value and weather resistant solid fuel via briquetting of blended wood residues and thermoplastics. 2021 , 283, 119263	7
749	Plastic breeze: Volatile organic compounds (VOCs) emitted by degrading macro- and microplastics analyzed by selected ion flow-tube mass spectrometry. 2021 , 270, 128612	12
748	Polymer types ingested by northern fulmars (<i>Fulmarus glacialis</i>) and southern hemisphere relatives. 2021 , 28, 1643-1655	9
747	Pollutants Bioavailability and Toxicological Risk from Microplastics. 2021 , 1-40	0
746	The effect of plastic additives on growth and function. 2021 , 23, 956-966	
745	Microplastics: A Review of Sources, Separation, Analysis and Removal Strategies. 2021 , 581-589	
744	Wastewater treatment alters microbial colonization of microplastics. 2021 , 16, e0244443	24
743	Shorebirds and Seabirds: Ecology and Conservation. 2021 , 327-358	

742	Characterization of microplastics and anthropogenic fibers in surface waters of the North Saskatchewan River, Alberta, Canada. 2021 , 6, 26-43	10
741	Current Status and Issues of Microplastic Pollution Research. 2021 , 44, 35-42	2
740	Investigating microplastics and potentially toxic elements contamination in canned Tuna, Salmon, and Sardine fishes from Taif markets, KSA. 2021 , 16, 827-837	2
739	Short-term physiological and biometrical responses of <i>Lepidium sativum</i> seedlings exposed to PET-made microplastics and acid rain. 2021 , 208, 111718	12
738	Macroplastics in rivers: present knowledge, issues and challenges. 2021 , 23, 535-552	7
737	Emerging Threats of Microplastic Contaminant in Freshwater Environment. 2021 , 247-258	1
736	Distribution and Impact of Microplastics in the Aquatic Systems: A Review of Ecotoxicological Effects on Biota. 2021 , 65-104	3
735	Secondary Microplastic Ingestion by Planktivorous Fishes in the Sea of Oman. 2021 , 1247-1254	
734	Liquid Fuel From Plastic Waste. 2021 ,	0
733	Emerging Contaminants in Wastewater: Sources of Contamination, Toxicity, and Removal Approaches. 2021 , 103-132	2
732	The biocompatibility of glass-fibre reinforced composites (GFRCs) - a systematic review. 2021 , 65, 273-283	2
731	Plastics and the microbiome: impacts and solutions. 2021 , 16, 2	32
730	An Overview on Feasible Production of Bioplastic Polyhydroxyalkanoate (PHA) in Transgenic Plants. 2021 , 555-579	1
729	Morphometric effects of various weathered and virgin/pure microplastics on sac fry zebrafish (<i>Danio rerio</i>). 2021 , 8, 204-220	3
728	Chemicals associated with biodegradable microplastic drive the toxicity to the freshwater oligochaete <i>Lumbriculus variegatus</i> . 2021 , 231, 105723	11
727	Risk Assessment of Agricultural Plastic Films Based on Release Kinetics of Phthalate Acid Esters. 2021 , 55, 3676-3685	17
726	Experimental Approaches for Characterizing the Endocrine-Disrupting Effects of Environmental Chemicals in Fish. 2020 , 11, 619361	11
725	Artificial light at night alters the settlement of acorn barnacles on a man-made habitat in Atlantic Canada. 2021 , 163, 111928	5

724	Organic Contaminants and Interactions with Micro- and Nano-Plastics in the Aqueous Environment: Review of Analytical Methods. 2021 , 26,	6
723	Microplastic evacuation in fish is particle size-dependent. 2021 , 66, 926-935	11
722	Microfiber abundance associated with coral tissue varies geographically on the Belize Mesoamerican Barrier Reef System. 2021 , 163, 111938	10
721	Microplastics in the Marine Environment: Sources, Fates, Impacts and Microbial Degradation. 2021 , 9,	17
720	PET-microplastics as a vector for polycyclic aromatic hydrocarbons in a simulated plant rhizosphere zone. 2021 , 21, 101370	7
719	Microfibers from synthetic textiles as a major source of microplastics in the environment: A review. 2021 , 91, 2136-2156	19
718	Abundance and characteristics of microplastics in sediments from the world's longest natural beach, Cox's Bazar, Bangladesh. 2021 , 163, 111956	12
717	Micro and Nanoplastics analysis: Focus on their classification, sources, and impacts in marine environment. 2021 , 42, 101625	9
716	Reliable quantification of microplastic release from the domestic laundry of textile fabrics. 1-9	5
715	Perfluorooctane sulfonic acid (PFOS) adsorbed to polyethylene microplastics: Accumulation and ecotoxicological effects in the clam <i>Scrobicularia plana</i> . 2021 , 164, 105249	15
714	Preliminary safety evaluation of solvothermal liquefaction of plastic wastes using toluene as solvent. 1	
713	Microplastic pollution in seawater and marine organisms across the Tropical Eastern Pacific and Galápagos. 2021 , 11, 6424	25
712	Poly(lactic acid)/flax composites: effect of surface modification and thermal treatment on interfacial adhesion, crystallization, microstructure, and mechanical properties. 1-20	3
711	Synthetic and natural microfibers induce gut damage in the brine shrimp <i>Artemia franciscana</i> . 2021 , 232, 105748	11
710	Analysis location of microplastics in green mussel <i>Perna viridis</i> Gills (Linnaeus, 1758). 2021 , 1098, 052050	
709	Research progress of novel bio-based plasticizers and their applications in poly(vinyl chloride). 2021 , 56, 10155-10182	9
708	Scleractinian corals incorporate microplastic particles: identification from a laboratory study. 2021 , 28, 37882-37893	10
707	Nanoplastics impact on marine biota: A review. 2021 , 273, 116426	37

706	Polystyrene microplastic contamination versus microplankton abundances in two lagoons of the Florida Keys. 2021 , 11, 6029	6
705	Marine Debris and Trace Metal (Cu, Cd, Pb, and Zn) Pollution in the Stranded Green Sea Turtles (<i>Chelonia mydas</i>). 2021 , 80, 634-644	3
704	A Thermal Analysis-Based Approach to Identify Different Waste Macroplastics in Beach Litter: The Case Study of Aquatina di Frigole NATURA 2000 Site (IT9150003, Italy). 2021 , 13, 3186	5
703	Transport and transformation of microplastics and nanoplastics in the soil environment: A critical review. 2021 , 37, 224-242	7
702	Microplastics in Soils: An Environmental Geotechnics Perspective. 1-30	20
701	Endocrine-Disrupting Chemicals: Introduction to the Theme. 2021 ,	3
700	Immunity and inflammatory responses in gilthead sea bream (<i>Sparus aurata</i> L.) exposed to sub-lethal mixture of carbamazepine, cadmium chloride and polybrominated diphenyl ether. 2021 , 111, 25-35	2
699	A preliminary study of the association between colonization of microorganism on microplastics and intestinal microbiota in shrimp under natural conditions. 2021 , 408, 124882	17
698	Impacts to Larval Fathead Minnows Vary between Preconsumer and Environmental Microplastics. 2021 ,	3
697	Interactions between microplastics, pharmaceuticals and personal care products: Implications for vector transport. 2021 , 149, 106367	74
696	Microplastics impair growth in two atlantic scleractinian coral species, <i>Pseudodiploria clivosa</i> and <i>Acropora cervicornis</i> . 2021 , 275, 116649	12
695	Deep seafloor plastics as the source and sink of organic pollutants in the northern South China Sea. 2021 , 765, 144228	8
694	Research Progress in Transfer, Accumulation and Effects of Microplastics in the Oceans. 2021 , 9, 433	3
693	LDPE and HDPE Microplastics Differently Affect the Transport of Tetracycline in Saturated Porous Media. 2021 , 14,	0
692	Not as Bad as It Seems? A Literature Review on the Case of Microplastic Uptake in Fish. 2021 , 8,	5
691	Microplastics in shrimps: a study from the trawling grounds of north eastern part of Arabian Sea. 2021 , 28, 48494-48504	12
690	Plastic additives: challenges in ecotox hazard assessment. 2021 , 9, e11300	14
689	Post-consumer plastic packaging waste flow analysis for Brazil: The challenges moving towards a circular economy. 2021 , 126, 781-790	13

688	An ecotoxicological approach to microplastics on terrestrial and aquatic organisms: A systematic review in assessment, monitoring and biological impact. 2021 , 84, 103615	15
687	Particle size-dependent biomolecular footprints of interactive microplastics in maize. 2021 , 277, 116772	14
686	Current research trends on micro- and nano-plastics as an emerging threat to global environment: A review. 2021 , 409, 124967	56
685	Mapping marine debris encountered by albatrosses tracked over oceanic waters. 2021 , 11, 10944	2
684	The Use of Hydromulching as an Alternative to Plastic Films in an Artichoke (<i>Cynara cardunculus</i> cv. Symphony) Crop: A Study of the Economic Viability. 2021 , 13, 5313	2
683	Effect of surfactants on the transport of polyethylene and polypropylene microplastics in porous media. 2021 , 196, 117016	23
682	A review of potentially harmful chemicals in crumb rubber used in synthetic football pitches. 2021 , 409, 124998	9
681	Rivers and Wastewater-Treatment Plants as Microplastic Pathways to Eastern Mediterranean Waters: First Records for the Aegean Sea, Greece. 2021 , 13, 5328	3
680	Nutrition and Water. 2021 , 39, 757-761	1
679	Straws, seals, and supermarkets: Topics in the newspaper coverage of marine plastic pollution. 2021 , 166, 112211	6
678	Spectroscopic Investigation of Increased Fluorescent Intensity of Fluorescent Dyes When Adsorbed onto Polystyrene Microparticles. 2021 , 37, 773-779	1
677	Microplastics in sea surface waters around Scotland. 2021 , 166, 112210	10
676	Microplastics (MPs) Act as Sources and Vector of Pollutants-Impact Hazards and Preventive Measures. 2021 , 107, 722-729	3
675	Solid-Embedded Microplastics from Sewage Sludge to Agricultural Soils: Detection, Occurrence, and Impacts. 2021 , 1, 1322-1333	5
674	Microplastic pollution in wild commercial nekton from the South China Sea and Indian Ocean, and its implication to human health. 2021 , 167, 105295	5
673	Occurrence of microplastics and heavy metals accumulation in native oysters <i>Crassostrea Gasar</i> in the Paranaguá estuarine system, Brazil. 2021 , 166, 112225	17
672	The Dual Role of Microplastics in Marine Environment: Sink and Vectors of Pollutants. 2021 , 9, 642	4
671	Microplastics in the Aquatic Environment—The Occurrence, Sources, Ecological Impacts, Fate, and Remediation Challenges. 2021 , 1, 95-118	6

670	Microplastics, chlorpyrifos and their mixtures modulate immune processes in the terrestrial crustacean <i>Porcellio scaber</i> . 2021 , 772, 144900	17
669	Microplastics in lakeshore and lakebed sediments - External influences and temporal and spatial variabilities of concentrations. 2021 , 197, 111141	9
668	Microplastics Increase Soil pH and Decrease Microbial Activities as a Function of Microplastic Shape, Polymer Type, and Exposure Time. 2021 , 9,	21
667	Variability in Toxicity of Plastic Leachates as a Function of Weathering and Polymer Type: A Screening Study with the Copepod. 2021 , 240, 191-199	5
666	Intake of microplastics by commercial fish: A Bayesian approach. 2021 , 193, 402	3
665	Bioaccumulation of phenolic endocrine disruptors in the clam <i>Rangia cuneata</i> : Storage in shells and influence of size and sex. 2021 , 197, 111181	0
664	Chia seed-assisted separation and detection of polyvinyl chloride microplastics in water via gas chromatography mass spectrometry. 2021 , 273, 129599	4
663	Biotechnology-based microbial degradation of plastic additives. 2021 , 11, 350	1
662	Microplastics as a sedimentary component in reef systems: A case study from the Java Sea. 2021 , 68, 2270-2292	4
661	Microplastic particles in the aquatic environment: A systematic review. 2021 , 775, 145793	26
660	Presence and Quantification of Microplastic in Urban Tap Water: A Pre-Screening in Brasilia, Brazil. 2021 , 13, 6404	5
659	Health risk assessment of endocrine disruptor bisphenol A leaching from plastic bottles of milk and soft drinks. 2021 , 28, 57090-57098	3
658	State and local pressures drive plastic pollution compliance strategies. 2021 , 287, 112281	3
657	Polystyrene Nanoplastics as Carriers of Metals. Interactions of Polystyrene Nanoparticles with Silver Nanoparticles and Silver Nitrate, and Their Effects on Human Intestinal Caco-2 Cells. 2021 , 11,	5
656	PAH and POP Presence in Plastic Waste and Recyclates: State of the Art. 2021 , 14, 3451	4
655	Product Formulation Controls the Impact of Biofouling on Consumer Plastic Photochemical Fate in the Ocean. 2021 , 55, 8898-8907	9
654	Interactions of Microplastics with Persistent Organic Pollutants and the Ecotoxicological Effects: A Review. 2021 , 1, 24-34	9
653	Oxidation of microplastics by O ₃ and O ₃ /H ₂ O ₂ : Surface modification and adsorption capacity. 2021 , 41, 102072	3

652	Micro and Nano Plastics Distribution in Fish as Model Organisms: Histopathology, Blood Response and Bioaccumulation in Different Organs. 2021 , 11, 5768	11
651	A Comparison of Microplastic in Fish From Australia and Fiji. 2021 , 8,	10
650	Identification and quantification of plastic additives using pyrolysis-GC/MS: A review. 2021 , 773, 145073	23
649	Microplastics alone or co-exposed with copper induce neurotoxicity and behavioral alterations on zebrafish larvae after a subchronic exposure. 2021 , 235, 105814	20
648	The occurrence and dietary intake related to the presence of microplastics in drinking water in Saudi Arabia. 2021 , 193, 390	6
647	Avoiding Regrettable Substitutions: Green Toxicology for Sustainable Chemistry. 2021 , 9, 7749-7758	4
646	Microplastics in Invasive Freshwater Mussels (<i>Dreissena</i> sp.): Spatiotemporal Variation and Occurrence With Chemical Contaminants. 2021 , 8,	3
645	Microplastics in some fish species and their environs in Eastern Visayas, Philippines. 2021 , 167, 112312	4
644	Microplastic contamination in tropical fishes: An assessment of different feeding habits. 2021 , 45, 101857	6
643	Effects of Microplastics Exposure on the sp. Antioxidant, Immunization and Energy Metabolism Enzyme Activities. 2021 , 12, 666100	5
642	Leaching and extraction of additives from plastic pollution to inform environmental risk: A multidisciplinary review of analytical approaches. 2021 , 414, 125571	25
641	Ingested plastics in northern fulmars (<i>Fulmarus glacialis</i>): A pathway for polybrominated diphenyl ether (PBDE) exposure?. 2021 , 778, 146313	8
640	Ecotoxicological and physiological risks of microplastics on fish and their possible mitigation measures. 2021 , 779, 146433	23
639	Microplastic fibers - Underestimated threat to aquatic organisms?. 2021 , 777, 146045	40
638	The Diet Composition and Ingested Plastics of Laysan and Black-Footed Albatrosses Incidentally Captured by the Pelagic Longline Fishery in the Western North Pacific. 2021 , 20,	1
637	Adsorption behavior of organic pollutants on microplastics. 2021 , 217, 112207	56
636	Persistent organic pollutant (POPs) concentrations from great-winged petrels nesting in Western Australia. 2021 , 168, 112396	2
635	The dynamics of microplastics and associated contaminants: Data-driven Lagrangian and Eulerian modelling approaches in the Mediterranean Sea. 2021 , 777, 145944	6

634	Oceanic long-range transport of organic additives present in plastic products: an overview. 2021 , 33,	7
633	Assessment of an alternative <i>Pinctada margaritifera</i> spat collector in French Polynesia. 2021 , 20, 100751	
632	A comprehensive review on assessment of plastic debris in aquatic environment and its prevalence in fishes and other aquatic animals in India. 2021 , 779, 146421	8
631	Toxicity in vitro reveals potential impacts of microplastics and nanoplastics on human health: A review. 1-33	2
630	How do humans recognize and face challenges of microplastic pollution in marine environments? A bibliometric analysis. 2021 , 280, 116959	6
629	Historic fish samples from the Southeast USA lack microplastics. 2021 , 776, 145923	3
628	Multi-Scenario Model of Plastic Waste Accumulation Potential in Indonesia Using Integrated Remote Sensing, Statistic and Socio-Demographic Data. 2021 , 10, 481	11
627	Review on the distribution of microplastics in the oceans and its impacts: Need for modeling-based approach to investigate the transport and risk of microplastic pollution. 2022 , 27, 210243-0	0
626	Enhanced in vitro toxicity of plastic leachates after UV irradiation. 2021 , 199, 117203	6
625	Antagonistic effect of nano-selenium on hepatocyte apoptosis induced by DEHP via PI3K/AKT pathway in chicken liver. 2021 , 218, 112282	5
624	Synergistic effect of UV, thermal, and chemical treatment on biological degradation of low-density polyethylene (LDPE) by <i>Thermomyces lanuginosus</i> . 2021 , 193, 513	1
623	Microplastic fibers in the gut of highly consumed fish species from the southern Caspian Sea. 2021 , 168, 112461	10
622	What's in the soup? Visual characterization and polymer analysis of microplastics from an Indonesian manta ray feeding ground. 2021 , 168, 112427	2
621	Plasti-remediation—Advances in the potential use of environmental plastics for pollutant removal. 2021 , 23, 101791	5
620	Single and combined acute and subchronic toxic effects of microplastics and copper in zebrafish (<i>Danio rerio</i>) early life stages. 2021 , 277, 130262	13
619	Microplastics interaction with terrestrial plants and their impacts on agriculture. 2021 , 50, 1024-1041	6
618	First study on the presence of plastic additives in loggerhead sea turtles (<i>Caretta caretta</i>) from the Mediterranean Sea. 2021 , 283, 117108	6
617	Noxic effects of polystyrene microparticles on murine macrophages and epithelial cells. 2021 , 11, 15702	4

616	Bioremediation of polyvinyl chloride (PVC) films by marine bacteria. 2021 , 169, 112566	8
615	Interactions between polyethylene and polypropylene microplastics and sp. microalgae in aquatic systems. 2021 , 7, e07676	7
614	Microplastics in polar regions: An early warning to the world's pristine ecosystem. 2021 , 784, 147149	18
613	Microplastics in different tissues of some commercially important fish species from Anzali Wetland in the Southwest Caspian Sea, Northern Iran. 2021 , 169, 112479	11
612	Study on bisphenol F, a bisphenol A analogue, at a dairy company: Health hazard and risk assessment. 2021 , 154, 112334	2
611	Surface adsorption of metallic species onto microplastics with long-term exposure to the natural marine environment. 2021 , 780, 146613	11
610	Reusing plastic waste in the production of bricks and paving blocks: a review. 1-34	1
609	Microplastic pollution in Southern Atlantic marine waters: Review of current trends, sources, and perspectives. 2021 , 782, 146541	12
608	The rise of artificial soil carbon inputs: Reviewing microplastic pollution effects in the soil environment. 2021 , 780, 146569	25
607	Nano/micro plastics [Challenges on quantification and remediation: A review. 2021 , 42, 102128	7
606	Stop Piling on: Assessing Efforts to Reduce Single-Use Water Bottles at Allegheny College. 2021 , 13, 8864	3
605	Mopping Up or Turning Off the Tap? Environmental Injustice and the Ethics of Plastic Pollution. 2021 , 8,	1
604	Utilisation of plastic waste as aggregate in construction materials: A review. 2021 , 296, 123669	15
603	Microplastics in the human digestive environment: A focus on the potential and challenges facing in vitro gut model development. 2021 , 415, 125632	15
602	Virgin Polystyrene Microparticles Exposure Leads to Changes in Gills DNA and Physical Condition in the Mediterranean Mussel. 2021 , 11,	3
601	Preliminary Investigation of Microplastic as a Vector for Heavy Metals in Bye-ma Salt Mine, Wukari, Nigeria.	0
600	Preliminary Study on Abundance of Microplastic in Sediments and Water Samples Along the Coast of Pakistan (Sindh and Balochistan)-Northern Arabian Sea. 2021 , 22,	3
599	Why is Recycling of Postconsumer Plastics so Challenging?. 2021 , 3, 4325-4346	26

598	Occurrence, distribution, and characterization of suspended microplastics in a highly impacted estuarine wetland in Argentina. 2021 , 785, 147141	13
597	The collapse of global plastic waste trade: Structural change, cascading failure process and potential solutions. 2021 , 314, 127935	4
596	Lifestyle Habits and Exposure to BPA and Phthalates in Women of Childbearing Age from Northern Italy: A Pilot Study. 2021 , 18,	1
595	Chemical Characteristics, Size Distributions, Molecular Composition, and Brown Carbon in South Asian Outflow to the Indian Ocean. 2021 , 8, e2020EA001615	2
594	Effects of microplastics on the functional traits of aquatic benthic organisms: A global-scale meta-analysis. 2021 , 285, 117174	4
593	Removal characteristics and mechanism of microplastics and tetracycline composite pollutants by coagulation process. 2021 , 786, 147508	9
592	Assessment of the effect of long-term exposure to microplastics and depuration period in <i>Sparus aurata</i> Linnaeus, 1758: Liver and blood biomarkers. 2021 , 786, 147479	7
591	Systematical review of interactions between microplastics and microorganisms in the soil environment. 2021 , 418, 126288	21
590	Microplastics and Nanoplastics: Emerging Contaminants in Food. 2021 , 69, 10450-10468	7
589	Uptake and absorption of fluoranthene from spiked microplastics into the digestive gland tissues of blue mussels, <i>Mytilus edulis</i> L. 2021 , 279, 130480	5
588	Airborne Microplastic Concentrations in Five Megacities of Northern and Southeast China. 2021 , 55, 12871-12881	
587	Contamination knows no borders: Toxic organic compounds pollute plastics in the biodiversity hotspot of Revillagigedo Archipelago National Park, Mexico. 2021 , 170, 112623	3
586	The potential of aerial insectivores for monitoring microplastics in terrestrial environments. 2022 , 807, 150453	2
585	Microplastics as an emerging threat to plant and soil health in agroecosystems. 2021 , 787, 147444	32
584	Microplastics levels, size, morphology and composition in marine water, sediments and sand beaches. Case study of Tarragona coast (western Mediterranean). 2021 , 786, 147453	11
583	Biofilm on microplastics in aqueous environment: Physicochemical properties and environmental implications. 2022 , 424, 127286	16
582	Microplastics as a vehicle of exposure to chemical contamination in freshwater systems: Current research status and way forward. 2021 , 417, 125980	7
581	An Environmentally Friendly Method for the Identification of Microplastics Using Density Analysis. 2021 , 40, 3299-3305	2

580	Separation of microplastics from mass-limited samples by an effective adsorption technique. 2021 , 788, 147881	6
579	A knowledge-based, validated classifier for the identification of aliphatic and aromatic plastics by WorldView-3 satellite data. 2021 , 264, 112598	3
578	How littered are birds' of prey nests? Study of two sympatric species. 2021 , 790, 148079	1
577	A novel method for organic matter removal from samples containing microplastics. 2021 , 286, 117357	4
576	Evaluating the fate of hexabromocyclododecanes in the coastal environment: Fugacity analysis using field data. 2021 , 286, 117461	3
575	Extraction of microplastics from sediment matrices: Experimental comparative analysis. 2021 , 420, 126571	5
574	Characteristics, fate, and impact of marine plastic debris exposed to sunlight: A review. 2021 , 171, 112701	10
573	Chemical identification of microplastics ingested by Red Phalaropes (<i>Phalaropus fulicarius</i>) using Fourier Transform Infrared spectroscopy. 2021 , 171, 112640	1
572	Impact of microplastics on the foraging, photosynthesis and digestive systems of submerged carnivorous macrophytes under low and high nutrient concentrations. 2022 , 292, 118220	6
571	Prospects of using chars derived from mixed post waste plastic pyrolysis in civil engineering applications. 2021 , 317, 128212	9
570	A review of methods for extraction, removal, and stimulated degradation of microplastics. 2021 , 43, 102209	4
569	Review of the toxic effect of microplastics on terrestrial and aquatic plants. 2021 , 791, 148333	13
568	A framework for the assessment of marine litter impacts in life cycle impact assessment. 2021 , 129, 107918	21
567	Polymer composition assessment suggests prevalence of single-use plastics among items ingested by loggerhead sea turtles in the western mediterranean sub-region. 2022 , 292, 118274	0
566	Microplastics in the soil-groundwater environment: Aging, migration, and co-transport of contaminants - A critical review. 2021 , 419, 126455	41
565	Occurrence of perfluoroalkyl substances (PFASs) in marine plastic litter from coastal areas of Central Chile. 2021 , 172, 112818	1
564	Impact of bisphenol-A and synthetic estradiol on brain, behavior, gonads and sex hormones in a sexually labile coral reef fish. 2021 , 136, 105043	0
563	Anthropogenic debris in an Antarctic Specially Protected Area in the maritime Antarctic. 2021 , 172, 112921	1

562	Microplastic-water partitioning of two states halogenated PAHs: Solute and sol. 2021 , 202, 111634	0
561	Distribution paths of endocrine disrupting phenolic compounds in waterbirds (<i>Mergus merganser</i> , <i>Alca torda</i> , <i>Clangula hyemalis</i>) from the Southern Baltic. 2021 , 793, 148556	1
560	Single and combined effects of microplastics, pyrethroid and food resources on the life-history traits and microbiome of <i>Chironomus riparius</i> . 2021 , 289, 117848	2
559	Abundance and characteristics of microplastics in commercially important bottom dwelling finfishes and shellfish of the Vembanad Lake, India. 2021 , 172, 112803	8
558	Skewed sex ratio and gametogenesis gene expression in eastern oysters (<i>Crassostrea virginica</i>) exposed to plastic pollution. 2021 , 544, 151605	1
557	Rheological and environmental evaluation of sulfur extended asphalt binders modified by high- and low-density polyethylene recycled waste. 2021 , 307, 125008	2
556	Reduction in VOC emissions by intermittent aeration in bioreactor landfills with gas-water joint regulation. 2021 , 290, 118059	3
555	Effect of light irradiation on heavy metal adsorption onto microplastics. 2021 , 285, 131457	4
554	Floating plastics in oceans: A matter of size. 2021 , 32, 100543	1
553	Microplastics in agricultural soils, wastewater effluents and sewage sludge in Mauritius. 2021 , 798, 149326	15
552	Bivalves with potential for monitoring microplastics in South America. 2021 , 4, 100119	3
551	The structure and assembly mechanisms of plastisphere microbial community in natural marine environment. 2022 , 421, 126780	9
550	Polystyrene nanoplastics exacerbated the ecotoxicological and potential carcinogenic effects of tetracycline in juvenile grass carp (<i>Ctenopharyngodon idella</i>). 2022 , 803, 150027	3
549	Microplastics in freshwater sediments: Analytical methods, temporal trends, and risk of associated organophosphate esters as exemplar plastics additives. 2022 , 203, 111830	7
548	Sustainable biocomposite development using halloysite nanotubes and polylactic acid. 2022 , 245-264	
547	Microplastics accumulation in functional feeding guilds and functional habit groups of freshwater macrobenthic invertebrates: Novel insights in a riverine ecosystem. 2022 , 804, 150207	9
546	Contribution of aged polystyrene microplastics to the bioaccumulation of pharmaceuticals in marine organisms using experimental and model analysis. 2022 , 287, 132412	0
545	Investigation into the impact of aged microplastics on oil behavior in shoreline environments. 2022 , 421, 126711	7

544	Impact of polypropylene microplastics and chemical pollutants on European sea bass (<i>Dicentrarchus labrax</i>) gut microbiota and health. 2022 , 805, 150402	5
543	Lipidomic analysis of single and combined effects of polyethylene microplastics and polychlorinated biphenyls on human hepatoma cells. 2022 , 421, 126777	8
542	The seasonal cycle of micro and meso-plastics in surface waters in a coastal environment (RÍ de Vigo, NW Spain). 2022 , 803, 150021	3
541	Insights into the interaction of microplastic with silver nanoparticles in natural surface water. 2022 , 805, 150315	1
540	Environmental behaviors of microplastics in aquatic systems: A systematic review on degradation, adsorption, toxicity and biofilm under aging conditions. 2022 , 423, 126915	24
539	Floating plastics and their associated biota in the Western South Atlantic. 2022 , 805, 150186	1
538	Microplastics as Pollutants in the Marine Environment. 2021 , 373-399	1
537	Ecotoxicological effects of microplastics and associated pollutants. 2021 , 189-227	
536	Bioanalytical methodologies for clinical investigation of endocrine-disrupting chemicals: a comprehensive update. 2021 , 13, 29-44	0
535	Additives and polymer composition influence the interaction of microplastics with xenobiotics. 2021 , 18, 101	2
534	Marine microplastics as vectors of major ocean pollutants and its hazards to the marine ecosystem and humans. 2021 , 8,	58
533	Research Status of Microplastics in the Water Environment. 2021 , 09, 20-28	
532	Characterization and Assessment of Micro and Macroscopic Litter in Sardinian Beaches (Western Mediterranean Sea). 2021 , 232, 1	2
531	Cutin-Inspired Polymers and Plant Cuticle-like Composites as Sustainable Food Packaging Materials. 2021 , 161-198	
530	The biocompatibility of glass-fibre reinforced composites (GFRCs) - a systematic review. 2021 ,	0
529	Ecotoxicity of Plastic in the Marine Environment - Contributions to an Environmental Impact Model. 2021 , 933-942	
528	Conversion of low-quality cotton to bioplastics. 2021 , 28, 2021-2038	6
527	Influence of CNT loading and environmental stressors on leaching of polymer-associated chemicals from epoxy and polycarbonate nanocomposites. 2021 , 18, 131	1

526	Abundance of non-conservative microplastics in the upper ocean from 1957 to 2066. 2019 , 10,	1
525	Managing Plastic Waste. 255-293	1
524	Toxic Contaminants in the Urban Aquatic Environment. 2014 , 123-144	2
523	Concerns and Threats of Contamination on Aquatic Ecosystems. 2020 , 1-26	31
522	Modeling the Role of Microplastics in Bioaccumulation of Organic Chemicals to Marine Aquatic Organisms. A Critical Review. 2015 , 309-324	53
521	Of Poisons and Plastics: An Overview of the Latest Pollution Issues Affecting Marine Mammals. 2017 , 27-37	5
520	Einleitung: Mikroplastik Eine wachsende Gefahr für Mensch und Umwelt. 2019 , 1-13	1
519	Determination of phthalates in fish fillets by liquid chromatography tandem mass spectrometry (LC-MS/MS): A comparison of direct immersion solid phase microextraction (SPME) versus ultrasonic assisted solvent extraction (UASE). 2020 , 255, 127034	12
518	The sea anemone <i>Bunodosoma cangicum</i> as a potential biomonitor for microplastics contamination on the Brazilian Amazon coast. 2020 , 265, 114817	23
517	Hydrochloric acid removal from the thermogravimetric pyrolysis of PVC. 2020 , 149, 104831	11
516	Persistent organic pollutants sorbed in plastic resin pellet - "Nurdles" from coastal areas of Central Chile. 2020 , 151, 110786	24
515	Horizontal and vertical distribution of phthalates acid ester (PAEs) in seawater and sediment of East China Sea and Korean South Sea: Traces of plastic debris?. 2020 , 151, 110831	19
514	Evaluation of polypropylene plastic degradation and microplastic identification in sediments at Tambak Lorok coastal area, Semarang, Indonesia. 2020 , 151, 110868	44
513	Effects of the UV filter, oxybenzone, adsorbed to microplastics in the clam <i>Scrobicularia plana</i> . 2020 , 733, 139102	17
512	Toxic effects of leachates from plastic pearl-farming gear on embryo-larval development in the pearl oyster <i>Pinctada margaritifera</i> . 2020 , 179, 115890	28
511	CHAPTER 8: Polyhydroxyalkanoates as Packaging Materials: Current Applications and Future Prospects. 2014 , 183-207	1
510	Plastic in Marine Litter. 2018 , 21-59	2
509	Microplastics in the Environment. 2018 , 60-81	8

508	Polyethylene, Polystyrene, and Polypropylene leachate impact upon marine microalgae. 2021 , 84, 249-260	9
507	Effects of Different Microplastics on Nematodes in the Soil Environment: Tracking the Extractable Additives using an Ecotoxicological Approach.	2
506	Anthropogenic marine debris and its dynamics across peri-urban and urban mangroves on Penang Island, Malaysia.	2
505	Transport of marine microplastic particles: why is it so difficult to predict?. 2019 , 2, 293-305	25
504	Microplastics in the gastrointestinal tracts of fish and the water from an urban prairie creek. 2017 , 2, 395-409	90
503	A first assessment of microplastics and other anthropogenic particles in Hudson Bay and the surrounding eastern Canadian Arctic waters of Nunavut. 2020 , 5, 432-454	24
502	Makro- und Mikromüll im Niedersächsischen Wattenmeer. 2011 , 13, 41-44	3
501	Marine plastic pollution in waters around Australia: characteristics, concentrations, and pathways. 2013 , 8, e80466	256
500	Plastic and the nest entanglement of urban and agricultural crows. 2014 , 9, e88006	42
499	Microplastic Management for Preventing Risk of Persistent/Bioaccumulative Substance. 2014 , 13, 65-98	2
498	Characteristics of microplastic pollution and temporal-spatial distribution in the sediments of the five rivers in the Lake Poyang Basin. 2019 , 31, 397-406	4
497	Multistate Evaluation of Plant Growth and Water Use in Plastic and Alternative Nursery Containers. 2015 , 25, 42-49	8
496	Feasting on microplastics: ingestion by and effects on marine organisms. 2018 , 27, 93-106	58
495	Anthropogenic impacts on green turtles <i>Chelonia mydas</i> in New Zealand. 2018 , 37, 1-9	9
494	Turtles on the trash track: loggerhead turtles exposed to floating plastic in the Mediterranean Sea. 2019 , 40, 107-121	10
493	Understanding individual and population-level effects of plastic pollution on marine megafauna. 2020 , 43, 234-252	25
492	Plastic for dinner? Observations of frequent debris ingestion by pelagic predatory fishes from the central North Pacific. 2013 , 485, 155-163	153
491	Distribution Patterns of Microplastics in Seawater Surface at a Portuguese Estuary and Marine Park. 2020 , 8,	9

490	Urbanization and Waterborne Pathogen Emergence in Low-Income Countries: Where and How to Conduct Surveys?. 2020 , 17,	7
489	Elimination of Microplastics by Downstream Sand Filters in Wastewater Treatment. 2021 , 13, 33	11
488	Production of Bioplastic and Sustainable Packaging Materials from Rice Straw to Eradicate Stubble Burning (A Mini Review). 2020 , 21,	7
487	Polymer Consumption, Environmental Concerns, Possible Disposal Options, and Recycling for Water Treatment. 200-222	3
486	White Pollution. 2020 , 52-81	5
485	On the Importance of Sanitary Sewer Overflow on the Total Discharge of Microplastics from Sewage Water. 2019 , 10, 1105-1118	8
484	Modelling mussel (&i>Mytilus spp.&i>) microplastic accumulation. 2020 , 16, 927-949	8
483	Human Health and Ocean Pollution. 2020 , 86, 151	58
482	Levels of Polychlorinated Biphenyls in Plastic Resin Pellets from Six Beaches on the Accra-Tema Coastline, Ghana. 2016 , 6, 9-17	2
481	Rearing the scuttle fly <i>Megaselia scalaris</i> (Diptera: Phoridae) on industrial compounds: implications on size and lifespan. 2015 , 3, e1085	3
480	Effects of biodegradable plastic film mulching on soil microbial communities in two agroecosystems. 2020 , 8, e9015	23
479	Long-term durability and ecotoxicity of biocomposites in marine environments: a review.. 2021 , 11, 32917-32941	41
478	Plastic additives and legacy persistent organic pollutants in the preen gland oil of seabirds sampled across the globe. 2021 , 1, 97-112	1
477	Plastics waste management: A review of pyrolysis technology. 2021 , 1, 50-69	11
476	Metodologia de extraç� de micropl�sticos associados a sedimentos de ambientes de �gua doce. 2021 , 26, 749-756	0
475	Research on Conversion of Waste Polyethylene Terephthalate into Value-Added Monomer replacing Landfill and Incineration for Environmental Pollution Control. 2021 , 859, 012097	1
474	Comparative role of microplastics and microalgae as vectors for chlorpyrifos bioaccumulation and related physiological and immune effects in mussels. 2021 , 807, 150983	2
473	Bivalves as Biological Sieves: Bioreactivity Pathways of Microplastics and Nanoplastics. 2021 , 241, 185-195	1

- 472 Evaluating Microplastic Experimental Design and Exposure Studies in Aquatic Organisms. **2022**, 69-85
- 471 Environmentally Benign Formation of Nickel Hexacyanoferrate-Derived Mesoframes for Heterogeneous Catalysis. **2021**, 11, 0
- 470 Microplastic pollution of commercial fishes from coastal and offshore waters, Japan.
- 469 Dietary Exposure to Additives and Sorbed Contaminants From Ingested Microplastic Particles Through the Consumption of Fisheries and Aquaculture Products. **2022**, 261-310
- 468 Ecotoxicological Impacts of Micro- and Nanoplastics in Terrestrial and Aquatic Environments. **2022**, 199-260 0
- 467 Assessment of the Effects of Environmental Concentrations of Microplastics on the Aquatic Snail *Potamopyrgus antipodarum*. **2021**, 232, 1 4
- 466 Microplastic occurrence in settled indoor dust in schools. **2021**, 807, 150984 6
- 465 Microplastics removal strategies: A step toward finding the solution. **2022**, 16, 1 0
- 464 Chemical Upcycling of Polyethylene to Value-Added β -Divinyl-Functionalized Oligomers. **2021**, 9, 13926-13936 4
- 463 Microplastic pollution in mountain terrains and foothills: A review on source, extraction, and distribution of microplastics in remote areas. **2021**, 207, 112232 1
- 462 Microplastics [Pollutants] Interactions, Mechanisms, and Potential Toxicity. **2022**, 551-582
- 461 Migration of substances from unplasticized polyvinylchloride into drinking water. Estimation of conservative diffusion coefficients. **2021**, 104, 107385 0
- 460 Microplastics in zooplankton in the eastern Arabian Sea: The threats they pose to fish and corals favoured by coastal currents. **2021**, 173, 113042 3
- 459 Appropriate Unit of Measurement to Quantify the Contamination of Beaches by Synthetic Marine Debris. **2011**, 21, 69-74
- 458 Chapter 9: Application of Reporter Animals as Novel Tools in Food Safety Research. **2011**, 154-169
- 457 Purification Practices of Water Runoff from Construction of Norwegian Tunnels Status and Research Gaps. **2013**, 475-484 0
- 456 Premières investigations sur la contamination en microplastiques d'une zone urbaine. **2015**, 25-39 2
- 455 Ecological Issues. **2016**, 263-277 1

- 454 Conservation Issues: Temperate Ocean Regions. **2016**,
- 453 Low incidence of plastic ingestion among three fish species significant for human consumption on the island of Newfoundland, Canada.
- 452 Environmental Aspects. 51-78
- 451 CHAPTER 5 [Women] environmental health activism around waste and plastic pollution in the coastal wetlands of Yucatán. **2019**, 75-90 1
- 450 Environmental Impact. **2019**, 161-187 1
- 449 Modelling plastics exposure for the marine biota: Risk maps for fin whales in the Pelagos Sanctuary (North-Western Mediterranean).
- 448 Structural and Functional Responses of Soil Microbial Communities to Biodegradable Plastic Film Mulching in Two Agroecosystems. 1
- 447 T̄kiye'nin Ėvre Politikalar̄Kapsam̄nda Mikroplastik Kirlilik Ėerine Bir DeĖlendirme. 495-514 0
- 446 Polymer Consumption, Environmental Concerns, Possible Disposal Options, and Recycling for Water Treatment. **2020**, 691-708 1
- 445 How can we cope with the issue of marine debris, including microplastics?. **2020**, 74, 129-135
- 444 THE IMPACT OF LEARNING CULTURAL HISTORY OF ISLAM USING VIDEO MEDIA ON SPIRITUAL STUDENTS: A STUDY OF UMAR BIN ABDUL AZIZ. **2020**, 8, 320-327
- 443 PENGUIN. **2020**, 3
- 442 INVESTIGATION ON THE URBAN AND RURAL STUDENTS' BEHAVIOR FOR PLASTIC WASTE MANAGEMENT IN SOLO REGION. **2020**, 8, 686-694
- 441 Exposure to leachates from post-consumer plastic and recycled rubber causes stress responses and mortality in a copepod *Limnocalanus macrurus*. **2021**, 173, 113103 3
- 440 Major Environmental Issues and Problems. **2020**, 1-34 0
- 439 Occurrence of Microplastics in the Gastrointestinal Tracts (GITs) of the Common Dolphinfish, *Coryphaena Hippurus*, from the Western Mediterranean Sea. **2020**, 240-244
- 438 Marine debris ingestion and the use of diagnostic imaging in sea turtles: A review. **2020**, 65, 511-527
- 437 Effects of plastic mulching on the accumulation and distribution of macro and micro plastics in soils of two farming systems in Northwest China. **2020**, 8, e10375 5

436	Coastal uses and contaminant spread in the desert coastal region of Atacama. 2021 , 288, 132519	1
435	Sustaining Life: Human HealthPlanetary Health Linkages. 2020 , 21-37	3
434	Plastic Pollution and Its Remedies. 2020 , 142-159	
433	Persistent Organic Pollutants in Seafood Consumed as Sushi.	
432	Sorption of Potentially Toxic Elements to Microplastics. 2020 , 1-16	1
431	Empowering Hispanics in Higher Education Through the Operationalization of Academic English Strategies. 2020 , 2071-2091	
430	A Geomorphic Framework for the Analysis of Microplastics in Riverine Sediments. 2020 , 202, 01002	1
429	Innovations in Recycling for Sustainable Management of Solid Wastes. 2020 , 177-210	
428	Myco-degradation of plastics. 2020 , 25-34	
427	Fractional-Order Model to Visualize the Effect of Plastic Pollution on Rain. 2020 , 178-195	
426	Relationship between seafood consumption and bisphenol A exposure: the Second Korean National Environmental Health Survey (KoNEHS 2012-2014). 2020 , 32, e10	1
425	A review on plastic bioaccumulation, potential health effects and the potential to enhance biotransformation using herbal medicine and nutritional supplements. 2020 , 13, 18-26	
424	Down by the River (Micro-) Plastic Pollution of Running Freshwaters with Special Emphasis on the Austrian Danube. 2020 , 141-185	4
423	Marine Plastic Debris. 2020 , 94-121	0
422	Polymer Consumption, Environmental Concerns, Possible Disposal Options, and Recycling for Water Treatment. 2020 , 971-989	
421	Historical Perspective of Bisphenol A and Phthalates in the Environment and Their Health Effects. 2020 , 246-262	
420	Uptake and Accumulation of Nano/Microplastics in Plants: A Critical Review. 2021 , 11,	12
419	Birds and plastic pollution: recent advances. 2021 , 12, 59	4

418	Microplastics, bisphenols, phthalates and pesticides in odontocete species in the Macaronesian Region (Eastern North Atlantic). 2021 , 173, 113105	2
417	Benthic marine litter accumulation at selection beaches in Ternate Island, Indonesia. 2020 , 584, 012018	
416	Enrichment of Microbes Potentially Degrading Polyethylene Using a Microcosm Approach. 2020 , 6, 84-101	1
415	Do microplastics mediate the effects of chemicals on aquatic organisms?. 2021 , 242, 106037	2
414	Fate and consequences of microplastics in the environment and their impact on biological organisms. 2022 , 69-79	
413	Microplastic in the subsurface system: Extraction and characterization from sediments of River Ganga near Patna, Bihar. 2022 , 191-217	0
412	Informal landfill contributes to the pollution of microplastics in the surrounding environment. 2021 , 293, 118586	5
411	Contaminant concentrations and risks associated with the Pacific oyster in the highly urbanized San Diego Bay. 2021 , 174, 113132	2
410	Chemical characteristics and toxicological effects of leachates from plastics under simulated seawater and fish digest. 2021 , 209, 117892	1
409	Micro-plastic pollution in marine, freshwater and soil environment: a research and patent analysis. 1	1
408	Potentially Poisonous Plastic Particles: Microplastics as a Vector for Cyanobacterial Toxins Microcystin-LR and Microcystin-LF. 2021 , 55, 15940-15949	4
407	Effects of different types of primary microplastics on early life stages of rainbow trout (<i>Oncorhynchus mykiss</i>). 2021 , 808, 151909	1
406	The occurrence and abundance of microplastics in surface water of the midstream and downstream of the Cisadane River, Indonesia. 2021 , 291, 133071	3
405	Adsorption of environmental contaminants on micro- and nano-scale plastic polymers and the influence of weathering processes on their adsorptive attributes.. 2021 , 427, 127903	4
404	Towards Higher Quality of Recycled Plastics: Limitations from the Material Perspective. 2021 , 13, 13266	1
403	Marine Plastic Pollution: Chemical Aspects and Possible Solutions. 2022 , 83-92	1
402	Microplastics Pollution in Chile: Current Situation and Future Prospects. 2021 , 9,	1
401	The effects of two sized polystyrene nanoplastics on the growth, physiological functions, and toxin production of <i>Alexandrium tamarense</i> . 2021 , 291, 132943	1

400	The socio-economic effect on microplastic pollution of boiled salted fish. 2021 , 869, 012015	
399	A critical review of microplastics in the soil-plant system: Distribution, uptake, phytotoxicity and prevention. 2021 , 424, 127750	13
398	The aging behaviors and release of microplastics: A review. 2021 ,	4
397	Microplastics altered contaminant behavior and toxicity in natural waters. 2021 , 425, 127908	5
396	Microplastics in Sediments of Southwest Caspian Sea: Characteristics, Distribution and Seasonal Variability. 1-15	0
395	Vertical distribution of microplastics in water bodies causes sublethal effects and changes in <i>Daphnia magna</i> swimming behaviour. 2021 , 228, 113001	1
394	Fourier transform infrared (FTIR) analysis identifies microplastics in stranded common dolphins (<i>Delphinus delphis</i>) from New Zealand waters. 2021 , 173, 113084	0
393	The Role of Microplastics in Bioaccumulation of Pollutants. 2021 , 1-30	
392	Ingestion and Characterization of Plastic Debris by Loggerhead Sea Turtle, <i>Caretta caretta</i> Linnaeus 1758, in the Balearic Islands.	
391	Microplastics in the Food Chain: Food Safety and Environmental Aspects. 2021 , 259, 1-49	1
390	Ingested microplastics impair the metabolic relationship between the giant clam <i>Tridacna crocea</i> and its symbionts.. 2022 , 243, 106075	0
389	Emerging investigator series: microplastic sources, fate, toxicity, detection, and interactions with micropollutants in aquatic ecosystems - a review of reviews.. 2022 ,	2
388	Microplastics in Asian freshwater ecosystems: Current knowledge and perspectives. 2021 , 808, 151989	3
387	Investigating impact of physicochemical properties of microplastics on human health: A short bibliometric analysis and review. 2021 , 289, 133146	10
386	Micro (nano) plastics in wastewater: A critical review on toxicity risk assessment, behaviour, environmental impact and challenges. 2021 , 133169	7
385	A review on per- and polyfluorinated alkyl substances (PFASs) in microplastic and food-contact materials.. 2021 , 206, 112595	2
384	Equilibrium leaching of selected ultraviolet stabilizers from plastic products.. 2021 , 427, 128144	2
383	Bioaccumulation of additives and chemical contaminants from environmental microplastics in European seabass (<i>Dicentrarchus labrax</i>).. 2022 , 822, 153396	2

382	Plastic in digestive tracts and gills of cod and herring from the Baltic Sea.. 2022 , 822, 153333	4
381	Effects of microplastics on the feeding rates of larvae of a coastal fish: direct consumption, trophic transfer, and effects on growth and survival.. 2022 , 169, 27	2
380	A review of atmospheric microplastics pollution: In-depth sighting of sources, analytical methods, physiognomies, transport and risks.. 2022 , 822, 153339	3
379	Micro plastics in soil ecosystem [A review of sources, fate, and ecological impact. 2022 , 68, 1-17	2
378	A Mini-Review of Strategies for Quantifying Anthropogenic Activities in Microplastic Studies in Aquatic Environments.. 2022 , 14,	0
377	Acute toxicity of microplastic fibers to honeybees and effects on foraging behavior.. 2022 , 822, 153320	1
376	Release and intestinal translocation of chemicals associated with microplastics in an in vitro human gastrointestinal digestion model. 2022 , 2,	1
375	Microplastic Pollution in the Black Sea: An Overview of the Current Situation. 2022 , 167-186	1
374	Microplastic pollution of commercial fishes from coastal and offshore waters in southwestern Japan.. 2022 , 174, 113304	2
373	Meta-analysis reveals differential impacts of microplastics on soil biota.. 2022 , 230, 113150	2
372	Microbiome Development of Seawater-Incubated Pre-production Plastic Pellets Reveals Distinct and Predictive Community Compositions. 2022 , 8,	1
371	Polycyclic aromatic hydrocarbons (PAHs) in new unexposed and beached expanded polystyrene foams. 2022 , 2, 14-21	1
370	Living in a bottle: Bacteria from sediment-associated Mediterranean waste and potential growth on polyethylene terephthalate.. 2022 , 11, e1259	1
369	The treatment of the organic fraction of municipal solid waste (OFMSW) as a possible source of micro- and nano-plastics and bioplastics in agroecosystems: a review. 2022 , 9,	2
368	Influence of Particle Size on Ecotoxicity of Low-Density Polyethylene Microplastics, with and without Adsorbed Benzo-a-Pyrene, in Clam .. 2022 , 12,	0
367	Microbial Depolymerization of Epoxy Resins: A Novel Approach to a Complex Challenge. 2022 , 12, 466	
366	Monitoring of phenolic endocrine disrupting chemicals by direct acetylation method: Pollution status in Tokyo rivers in 2016-2019 and estimation of their sources. 2022 , 2, 1-13	
365	Critical review of the characteristics, interactions, and toxicity of micro/nanomaterials pollutants in aquatic environments.. 2022 , 174, 113276	6

364	Prevalence of Microplastics in the Eastern Oyster in the Chesapeake Bay: The Impact of Different Digestion Methods on Microplastic Properties.. 2022 , 10,	1
363	Interactions of microplastics and main pollutants and environmental behavior in soils.. 2022 , 153511	3
362	Physical, chemical, and microbial contaminants in food waste management for soil application: A review.. 2022 , 118860	2
361	Covid-19-derived plastic debris contaminating marine ecosystem: Alert from a sea turtle.. 2022 , 175, 113389	1
360	Analysis on advances and characteristics of microplastic pollution in China's lake ecosystems.. 2022 , 232, 113254	0
359	Biomimetic gill-inspired membranes with direct-through micropores for water remediation by efficiently removing microplastic particles. 2022 , 434, 134758	2
358	Increased transfer of trace metals and <i>Vibrio</i> sp. from biodegradable microplastics to catfish <i>Clarias gariepinus</i> .. 2022 , 298, 118850	2
357	Study of microplastics pollution in sediments and organisms in mangrove forests: A review.. 2022 , 208, 112725	6
356	Polymer prioritization framework: A novel multi-criteria framework for source mapping and characterizing the environmental risk of plastic polymers.. 2022 , 429, 128330	0
355	Evaluation of microplastic pollution in Shihezi city, China, using pine needles as a biological passive sampler.. 2022 , 821, 153181	0
354	Microplastics waste in environment: A perspective on recycling issues from PPE kits and face masks during the COVID-19 pandemic.. 2022 , 26, 102290	9
353	Spatial and vertical distribution of microplastics and their ecological risk in an Indian freshwater lake ecosystem.. 2022 , 153337	0
352	Mitigation of the Micro- and Nanoplastic Using Phycoremediation Technology. 2022 , 183-208	0
351	Plastic Recycling for Energy Production. 2022 , 411-447	1
350	Entry of Macro, Micro, and Nanoplastic in the Food Chain and Their Impact on Marine Life (from Source to Sink). 2022 , 211-222	1
349	Ecosafety Screening of Photo-Fenton Process for the Degradation of Microplastics in Water. 2022 , 8,	2
348	Automated SEM-EDS Analysis of Transition Metals and Other Metallic Compounds Emitted from Incinerating Agricultural Waste Plastic Film. 2022 , 13, 260	0
347	Empowering Local Practitioners to Collect and Report on Anthropogenic Riverine and Marine Debris Using Inexpensive Methods in India. 2022 , 14, 1928	1

- 346 Environmental contamination by microplastics originating from textiles: emission, transport, fate and toxicity. **2022**, 128453 2
- 345 The role of mesopelagic fishes as microplastics vectors across the deep-sea layers from the Southwestern Tropical Atlantic.. **2022**, 300, 118988 0
- 344 Physico-chemical factors regulating marine benthos structure and function. **2022**, 209-250
- 343 Microplastics in Freshwater Ecosystems. **2022**, 235-252
- 342 Marine plastics: what's wrong with them?. **2022**, 1-29
- 341 Sorption of Potentially Toxic Elements to Microplastics. **2022**, 625-640
- 340 SEM/EDS and Optical Microscopy Analysis of Microplastics. **2022**, 57-78
- 339 Plastic impact on marine benthic organisms and food webs. **2022**, 95-151 0
- 338 Environmental Microplastics Disrupt Swimming Activity in Acute Exposure in *D. Rerio* Larvae and Reduce Growth and Reproduction Success in Chronic Exposure in *D. Rerio* and *O. Melastigma*.
- 337 Chem/Bio Sensors for Marine Applications. **2022**,
- 336 The Role of Microplastics in Bioaccumulation of Pollutants. **2022**, 667-696
- 335 Microplastics Pollution and Regulation. **2022**, 1071-1096
- 334 Pollutants Bioavailability and Toxicological Risk from Microplastics. **2022**, 697-736
- 333 Plasticity. **2022**, 21-38
- 332 Plastic Futures. **2022**, 103-107
- 331 Plastic Matter. **2022**, 1-19
- 330 Zonal Distribution Characteristics of Microplastics in the Southern Indian Ocean and the Influence of Ocean Current. **2022**, 10, 290 0
- 329 Notes. **2022**, 109-133

328	Decomposition Behavior of Biodegradable and Single-Use Tableware Items in the Warnow Estuary (Baltic Sea). 2022 , 14, 2544	0
327	Microplastics: a multidimensional contaminant requires a multidimensional framework for assessing risk. 2022 , 2,	1
326	Queer Kin. 2022 , 81-102	
325	TOWARDS A FRAMEWORK FOR ENVIRONMENTAL FATE AND EXPOSURE ASSESSMENT OF POLYMERS.. 2021 ,	1
324	Bibliography. 2022 , 135-153	
323	Interlinkage Between Persistent Organic Pollutants and Plastic in the Waste Management System of India: An Overview.. 2022 , 1	2
322	Morphology, Chemical Characterization and Sources of Microplastics in a Coastal City in the Equatorial Zone with Diverse Anthropogenic Activities (Fortaleza city, Brazil). 1	0
321	Recent Advances in Biological Recycling of Polyethylene Terephthalate (PET) Plastic Wastes.. 2022 , 9,	1
320	Plastic Media. 2022 , 63-79	
319	Synthetic Universality. 2022 , 39-61	
318	Role of Education and Society in Dealing Plastic Pollution in the Future. 2022 , 267-281	1
317	Using a non-invasive technique to identify suspected microplastics in grey seals (<i>Halichoerus grypus</i>) living in the western North Sea.. 2022 , e1484	0
316	Sorting, Depolymerizing, and Recycling Polymers: The Long Road to a Circular Plastics Economy. 1-30	
315	The distribution, behavior, and release of macro- and micro-size plastic wastes in solid waste disposal sites. 1-24	0
314	An In Situ Experiment to Evaluate the Aging and Degradation Phenomena Induced by Marine Environment Conditions on Commercial Plastic Granules.. 2022 , 14,	2
313	Distribution and characteristics of microplastics in beach sand near the outlet of a major reservoir in north Mississippi, USA. 2022 , 2,	2
312	Microplastic uptake and gut retention time in Japanese anchovy (<i>Engraulis japonicus</i>) under laboratory conditions.. 2022 , 176, 113433	1
311	Current Trends, Challenges, and Opportunities for Plastic Recycling. 2022 , 205-221	0

310	An overview on the occurrence, fate and human risks of Bisphenol-A (BPA) present in plastic materials, components and products (MCPs).. 2022 ,	1
309	: Converting municipal waste into transportation fuels by pyrolysis.. 2022 , 25, 104036	
308	Activities of Microplastics (MPs) in Agricultural Soil: A Review of MPs Pollution from the Perspective of Agricultural Ecosystems.. 2022 ,	1
307	Sustainable Biocomposites for Structural Applications with Environmental Affinity.. 2022 ,	0
306	Toxicity of microplastics and copper, alone or combined, in blackspot seabream (<i>Pagellus bogaraveo</i>) larvae.. 2022 , 103835	1
305	Leaching of microplastic-associated additives in aquatic environments: A critical review.. 2022 , 119258	0
304	Microplastics in decapod crustaceans: Accumulation, toxicity and impacts, a review.. 2022 , 154963	2
303	Widespread microplastic pollution across the Caribbean Sea confirmed using queen conch.. 2022 , 178, 113582	0
302	A review of microplastic impacts on seagrasses, epiphytes, and associated sediment communities.. 2022 , 303, 119108	2
301	Environmental health impacts of microplastics exposure on structural organization levels in the human body.. 2022 , 154025	6
300	Phthalates bioconcentration in the soft corals: Inter- and intra- species differences and ecological aspects.. 2022 , 134247	0
299	Ingestion and characterization of plastic debris by loggerhead sea turtle, <i>Caretta caretta</i> , in the Balearic Islands.. 2022 , 154159	0
298	Symbiont-induced intraspecific phenotypic variation enhances plastic trapping and ingestion in biogenic habitats.. 2022 , 153922	0
297	Aging of microplastics increases their adsorption affinity towards organic contaminants.. 2022 , 298, 134238	8
296	Effect of microplastics on microbial dechlorination of a polychlorinated biphenyl mixture (Aroclor 1260).. 2022 , 831, 154904	0
295	Long-term exposure of the Mediterranean mussels, <i>Mytilus galloprovincialis</i> to polyethylene terephthalate microfibers: Implication for reproductive and neurotoxic effects.. 2022 , 299, 134317	1
294	Occurrence of macroplastic debris in the long-term plastic film-mulched agricultural soil: A case study of Northwest China.. 2022 , 831, 154881	1
293	Quantification of differential tissue biomarker responses to microplastic ingestion and plasticizer bioaccumulation in aquaculture reared sea bream <i>Sparus aurata</i> .. 2022 , 113063	2

292	Review on migration, transformation and ecological impacts of microplastics in soil. 2022 , 176, 104486	2
291	Fuel gas production through waste polyethylene gasification using bauxite residue as the oxygen carrier. 2022 , 321, 123878	1
290	Plastics: The good, the bad and the ugly. 2021 , 16, 170-179	
289	Ban the Bag: Support for Plastic Bag Reduction Strategies in Northeast Ohio. 2021 , 174, 61-84	1
288	Development of a high-performance liquid chromatography method to assess bisphenol F levels in milk.. 2021 , 10, 9975	
287	MICROPLASTICS IN LANDFILL LEACHATES IN THREE NORDIC COUNTRIES. 2021 , 58-70	1
286	Presence and the global implications of plastics in wild commercial fish in the Alboran Sea.	
285	Untoward effects of micro- and nanoplastics: An expert review of their biological impact and epigenetic effects.. 2021 ,	0
284	Importation of plastic fragments into a seabird colony: accident or design, threat or benign?. 1-14	0
283	Using Community Science to Address Pollution in an Urban Watershed: Lessons about Trash, Diverse Engagement, and the Need for Science Mindsets. 2021 , 174, 21-44	0
282	Role of Microplastics as Attachment Media for the Growth of Microorganisms. 2022 , 313-325	0
281	Surface properties and rising velocities of pristine and weathered plastic pellets.. 2022 ,	
280	Plastic Waste Management Strategies and Their Environmental Aspects: A Scientometric Analysis and Comprehensive Review.. 2022 , 19,	4
279	Conversion of Plastic Waste to Carbon-Based Compounds and Application in Energy Storage Devices.. 2022 , 7, 13403-13435	5
278	Impact of environmental microplastics alone and mixed with benzo[a]pyrene on cellular and molecular responses of <i>Mytilus galloprovincialis</i> .. 2022 , 435, 128952	2
277	Effect of biofilm colonization on Pb(II) adsorption onto poly(butylene succinate) microplastic during its biodegradation.. 2022 , 155251	0
276	River Otter Feeding Habits in Wisconsin, U.S.A.: Evidence of Microbead Contamination. 2022 , 187,	
275	Source, fate and management of recreational fishing marine debris.. 2022 , 178, 113500	0

274 Data_Sheet_1.PDF. **2020**,

273 Data_Sheet_2.PDF. **2020**,

272 Table_1.docx. **2018**,

271 Data_Sheet_1.docx. **2020**,

270 Video_1.mov. **2018**,

269 Table_1.docx. **2019**,

268 Data_Sheet_2.PDF. **2020**,

267 Data_Sheet_1.PDF. **2020**,

266 DataSheet1.docx. **2018**,

265 Table_1.pdf. **2020**,

264 Data_Sheet_1.docx. **2020**,

263 Table_1.XLSX. **2019**,

262 Image_1.JPEG. **2019**,

261 Image_2.jpg. **2019**,

260 Image_3.JPEG. **2019**,

259 Acrylic fabrics as a source of microplastics from portable washer and dryer: Impact of washing and drying parameters.. **2022**, 155429

2

258 Microplastics: Environmental Issues and Their Management. **2022**, 95-110

257 Ocean Restoration and the Strategic Plan of the Marine Microbiome. **2022**, 731-766

- 256 (Micro)plastics in the soil system: Occurrence, behaviour, fate, and future directions. **2022**, 47-64
- 255 Fate of the face masks in the environment affect human and wildlife: tons of face masks are new source for the endocrine disrupting chemicals.
- 254 Reducing plastic waste through legislative interventions in the United States: Development, obstacles, potentials, and challenges. **2022**, 2, 100013 0
- 253 Association of zoonotic protozoan parasites with microplastics in seawater and implications for human and wildlife health.. **2022**, 12, 6532 2
- 252 Material-Specific Determination Based on Microscopic Observation of Single Microplastic Particles Stained with Fluorescent Dyes.. **2022**, 22, 0
- 251 Biofilm formation and its implications on the properties and fate of microplastics in aquatic environments: A review. **2022**, 6, 100077 0
- 250 Shorebirds ingest plastics too: What we know, what we don't know, and what we should do next. 0
- 249 Microplastics in the environment: their sources, distribution, and dangerous status. **2022**, 233, 1 0
- 248 Microplastics in the Deep: Comparing Dietary and Plastic Ingestion Data between Two Mediterranean Bathyal Opportunistic Feeder Species, *Galeus melastomus*, Rafinesque, 1810 and *Coelorinchus caelorhincus* (Risso, 1810), through Stomach Content Analysis. **2022**, 10, 624 2
- 247 Oxidative stress, apoptosis and serotonergic system changes in zebrafish (*Danio rerio*) gills after long-term exposure to microplastics and copper.. **2022**, 258, 109363 1
- 246 Microplastic presence in the pelagic fish, *Seriola dumerili*, from Balearic Islands (Western Mediterranean), and assessment of oxidative stress and detoxification biomarkers in liver.. **2022**, 212, 113369 1
- 245 Plastic pollution in the environment in Nigeria: A rapid systematic review of the sources, distribution, research gaps and policy needs. **2022**, 16, e01220 1
- 244 The exposure to polyvinyl chloride microplastics and chrysene induces multiple changes in the structure and functionality of marine meiobenthic communities. **2022**, 436, 129161 0
- 243 Interactions of microplastics with organic, inorganic and bio-pollutants and the ecotoxicological effects on terrestrial and aquatic organisms. **2022**, 838, 156068 0
- 242 Detection and assessment of marine litter in an uninhabited island, Arabian Gulf: A case study with conventional and machine learning approaches. **2022**, 838, 156064 0
- 241 Microplastic Contamination in Commercial Fish from the Eastern Harbor and Abu-Qir Bay Along the Egyptian Mediterranean Coast, Egypt.
- 240 Microplastics Ingestion and Chemical Pollutants in Seabirds of Gran Canaria (Canary Islands, Spain).
- 239 Plastic Additives in the Ocean. **2022**, 43-76 0

238	Ingestion of Microplastics by Marine Animals. 2022 , 349-366	2
237	Plastics in Freshwater Bodies. 2022 , 199-225	
236	Spatiotemporal Variability of Microplastics in the Eastern Baltic Sea. 2022 , 9,	1
235	Transport of persistent organic pollutants: Another effect of microplastic pollution?.	0
234	Unravelling the emerging threats of microplastics to agroecosystems.	1
233	Sources and Leakages of Microplastics in Cruise Ship Wastewater. 2022 , 9,	0
232	Early molecular responses of mangrove oysters to nanoplastics using a microfluidic device to mimic environmental exposure. 2022 , 129283	0
231	Critical effect of biodegradation on long-term microplastic weathering in sediment environments: A systematic review. 2022 , 129287	2
230	Elimination of microplastics from the aquatic milieu: A dream to achieve. 2022 , 135232	0
229	The application of the DAPSI(W)R(M) framework to the plastic pellets chain. 2022 , 180, 113807	
228	Tracking the microplastic accumulation from past to present in the freshwater ecosystems: A case study in Susurluk Basin, Turkey. 2022 , 303, 135007	0
227	Study of the scavenger and vector roles of microplastics for polyhalocarbazoles under simulated gastric fluid conditions. 2022 , 212, 113565	
226	Microbial bioremediation of polythene and plastics: a green sustainable approach. 2022 , 547-561	
225	Preliminary Observation on Microplastic Contamination in the Scombridae Species from coastal waters of Pakistan.	1
224	The effects of environmental information provision on plastic bag use and marine environment status in the context of the environmental levy in Greece.	0
223	Plastics in the environment as potential threat to life: an overview.	0
222	Local waste management successfully reduces coastal plastic pollution. 2022 , 5, 666-676	0
221	Microplastics spatiotemporal distribution and plastic-degrading bacteria identification in the sanitary and non-sanitary municipal solid waste landfills. 2022 , 129452	0

- 220 Impact of Micro and Nanoplastics in the Marine Environment. **2022**, 172-225
- 219 Interaction of Phthalates with Lipid Bilayer Membranes.
- 218 Evidences of microplastics in aerosols and street dust: a case study of Varanasi City, India. 0
- 217 Effects of polyethylene terephthalate microplastic on germination, biochemistry and phytotoxicity of *Cicer arietinum* L. and cytotoxicity study on *Allium cepa* L. **2022**, 94, 103908 1
- 216 First evidence of plastic pollution in beach sediments of the Skikda coast (northeast of Algeria). **2022**, 181, 113831 0
- 215 The changes of microplastics behavior in adsorption and anaerobic digestion of waste activated sludge induced by hydrothermal pretreatment. **2022**, 221, 118744 0
- 214 Microplastic removal from urban stormwater: Current treatments and research gaps. **2022**, 317, 115510 0
- 213 Characterizing the chemical and microbial fingerprint of unsheltered homelessness in an urban watershed. **2022**, 840, 156714 0
- 212 Leached degradation products from beached microplastics: A potential threat to coastal dune plants. **2022**, 303, 135287 1
- 211 Absorption, distribution, metabolism, excretion and toxicity of microplastics in the human body and health implications. **2022**, 437, 129361 2
- 210 Liberation of plastic nanoparticles and organic compounds from three common plastics in water during weathering under UV radiation-free conditions. **2022**, 842, 156859 0
- 209 Thermogravimetry coupled with mass spectrometry successfully used to quantify polyethylene and polystyrene microplastics in organic amendments. **2022**, 213, 113583 0
- 208 One-Pot Conversion of Pvc-Containing Commingled Wastes for Versatile Value-Added Products.
- 207 Interactions between microplastics and benthic biofilms in fluvial ecosystems: knowledge gaps and future trends. 0
- 206 In situ laboratory for plastic degradation in the Red Sea. **2022**, 12,
- 205 Quantitative analysis of UV protective additives in polyethylene films by solvent extraction coupled with UV spectrophotometry.
- 204 Interactive effect of urbanization and flood in modulating microplastic pollution in rivers. **2022**, 119760 1
- 203 Shape dependence of the release rate of chemicals from plastic microparticles.

202	A Novel Analytical Approach to Assessing Sorption of Trace Organic Compounds into Micro- and Nanoplastic Particles. 2022 , 12, 953	1
201	Recent global insight into mitigation of plastic pollutants, sustainable biodegradable alternatives, and recycling strategies.	0
200	Scientometric analysis and identification of research trends in microplastic research for 2011-2019.	
199	Polyvinyl chloride microplastics induced gut barrier dysfunction, microbiota dysbiosis and metabolism disorder in adult mice. 2022 , 241, 113809	0
198	Seasonal variation in microplastics and zooplankton abundances and characteristics: The ecological vulnerability of an oceanic island system. 2022 , 181, 113906	1
197	Seasonal heterogeneity and a link to precipitation in the release of microplastic during COVID-19 outbreak from the Greater Jakarta area to Jakarta Bay, Indonesia. 2022 , 181, 113926	1
196	Environmental microplastics disrupt swimming activity in acute exposure in <i>Danio rerio</i> larvae and reduce growth and reproduction success in chronic exposure in <i>D. rerio</i> and <i>Oryzias melastigma</i> . 2022 , 308, 119721	0
195	Risk associated with microplastics in urban aquatic environments: A critical review. 2022 , 439, 129587	4
194	Potential impacts of plastic from cannabis cultivation on fish and wildlife resources. 2020 , 106,	
193	Occurrence of Bisphenol A in Bolgoda Lake Receiving Leachate from a Solid Waste Open Dump: A Silent Killer of a Healthy Ecosystem. 2021 ,	
192	Effects of Microplastics on Reproduction and Growth of Freshwater Live Feeds <i>Daphnia magna</i> . 2022 , 7, 181	
191	A whale of a plastic tale: A plea for interdisciplinary studies to tackle micro- and nanoplastic pollution in the marine realm. 2022 , 846, 157187	0
190	Nachhaltige Unterrichtsvorschläge zur (Mikro)-Plastikproblematik.	0
189	Sustainably Recycling and Upcycling of Single-Use Plastic Wastes through Heterogeneous Catalysis. 2022 , 12, 818	
188	Consuming microplastics? Investigation of commercial salts as a source of microplastics (MPs) in diet.	0
187	Divergent Forms of Pyroplastic: Lessons Learned from the M/V X-Press Pearl Ship Fire.	1
186	Microplastics: An emerging threat in the Indian waterbodies. 1-12	0
185	Vector effect of polystyrene film microplastic in enriching Sudan III from natural particles and its burst release into simulated digestive fluid containing fatty acid.	

184	Towards Microplastic Reduction Within Institutions. 2022 , 233,	
183	Adsorption of Contaminants of Emerging Concern (CECs) with Varying Hydrophobicity on Macro- and Microplastic Polyvinyl Chloride, Polyethylene, and Polystyrene: Kinetics and Potential Mechanisms. 2022 , 14, 2581	
182	DEVELOPMENTAL EFFECTS OF BISPHENOL A and ITS ANOLOGS BISPHENOL S, BISPHENOL F AND BISPHENOL AF ON EMBRYONIC DEVELOPMENT OF SEA URCHINS <i>Paracentrotus lividus</i> (Lamarck 1816) and <i>Arbacia lixula</i> (Linnaeus 1758).	
181	Inland Navigation Contributes to the Remobilization of Land-Based Plastics Into Riverine Systems. 4,	0
180	Developmental polyethylene microplastic fiber exposure entails subtle reproductive impacts in juvenile Japanese Medaka (<i>Oryzias latipes</i>).	0
179	Accumulation and release of organic pollutants by conventional and biodegradable microplastics in the marine environment.	
178	Characterization of microparticles derived from waste plastics and their bio-interaction with human lung A549 cells.	2
177	Effects of Human Activity on Markers of Oxidative Stress in the Intestine of <i>Holothuria tubulosa</i> , with Special Reference to the Presence of Microplastics. 2022 , 23, 9018	1
176	Time-series incubations in a coastal environment illuminates the importance of early colonizers and the complexity of bacterial biofilm dynamics on marine plastics. 2022 , 119994	1
175	A rapid staged protocol for efficient recovery of microplastics from soil and sediment matrices based on hydrophobic separation. 2022 , 182, 113978	0
174	Composition and transformation chemistry of tire-wear derived organic chemicals and implications for air pollution. 2022 , 13, 101533	1
173	Adsorption of pesticides and personal care products on pristine and weathered microplastics in the marine environment. Comparison between bio-based and conventional plastics. 2022 , 848, 157703	1
172	Plastic microbiome development in a freshwater ecosystem. 2022 , 848, 157697	
171	Presence and implications of plastics in wild commercial fishes in the Alboran Sea (Mediterranean Sea). 2022 , 850, 158025	
170	Microplastic Occurrence in the Gill and Gastrointestinal Tract of <i>Chelon ramada</i> (Mugilidae) in a Highly Urbanized Region, Iskenderun Bay, Türkiye. 2022 , 11, 309-319	0
169	Oxidative stress, apoptosis, and transcriptional responses in <i>Acropora microphthalma</i> under simulated diving activities. 2022 , 183, 114084	0
168	Microplastics in urban runoff: Global occurrence and fate. 2022 , 225, 119129	2
167	Identifying distinct plastics in hyperspectral experimental lab-, aircraft-, and satellite data using machine/deep learning methods trained with synthetically mixed spectral data. 2022 , 281, 113263	1

- 166 Influence of contaminant-spiked polyethylene-type microplastics on the growth and primary production of the freshwater phytoplankton species *Scenedesmus armatus* and *Microcystis aeruginosa*. **2022**, 203, 105061 ○
- 165 Spatio-temporal variation of plastic pellets dispersion in the coastline of Sri Lanka: An assessment of pellets originated from the X-Press Pearl incident during the Southwest monsoon in 2021. **2022**, 184, 114145 ○
- 164 Degradation-fragmentation of marine plastic waste and their environmental implications: A critical review. **2022**, 15, 104262 2
- 163 Hydrothermal deconstruction of single-use personal protective equipment during the COVID-19 pandemic. **2022**, 153, 178-187 ○
- 162 Thrushes (Aves: Passeriformes) as indicators of microplastic pollution in terrestrial environments. **2022**, 853, 158621 ○
- 161 Release of phthalate esters (PAEs) and microplastics (MPs) from face masks and gloves during the COVID-19 pandemic. **2022**, 215, 114337 2
- 160 A generic scenario analysis of end-of-life plastic management: Chemical additives. **2023**, 441, 129902 ○
- 159 Welche Folgen kann Plastik in der Umwelt haben?. **2022**, 43-59 ○
- 158 Formation of airborne microplastics. **2022**, ○
- 157 Human health effects of airborne microplastics. **2022**, ○
- 156 The Possible Impact of Fetal Exposure to Endocrine Disrupting Chemicals In Biochemical Parameters and Emotional Quotients in Children and Adolescents. ○
- 155 Micro and Nanoplastics. **2022**, ○
- 154 Persistent, mobile, and toxic plastic additives in Canada: properties and prioritization. ○
- 153 Microplastics contributed much less than organic matter to the burial of polycyclic aromatic hydrocarbons by sediments in the past decades: a case study from an urban lake. ○
- 152 Nanoplastic occurrence, transformation and toxicity: a review. ○
- 151 Microplastics profile in fishes from selected burrow pits: a case of plastic pollution in Kano metropolis, Nigeria. 1-11 ○
- 150 Examination of Microcystin Adsorption by the Type of Plastic Materials Used during the Procedure of Microcystin Analysis. **2022**, 14, 625 ○
- 149 An overview of microplastic research in marine and freshwater habitats using topic modeling. ○

- 148 Revalorization of Microalgae Biomass for Synergistic Interaction and Sustainable Applications: Bioplastic Generation. **2022**, 20, 601 ○
- 147 Understanding plasticiser leaching from polystyrene microplastics. **2022**, 159099 ○
- 146 A comparative cradle-to-grave life cycle assessment of single-use plastic shopping bags and various alternatives available in South Africa. ○
- 145 Single and combined potential of polystyrene microparticles and fluoranthene in the induction of DNA damage in haemocytes of Mediterranean mussel (*Mytilus galloprovincialis*). ○
- 144 Study of the Potential Accumulation of the Pesticide Alpha-Endosulfan by Microplastics in Water Systems. **2022**, 14, 3645 2
- 143 Interactions of Microplastics and Methane Seepage in the Deep-Sea Environment. **2022**, ○
- 142 Plastic ingestion and associated additives in Faroe Islands chicks of the Northern Fulmar *Fulmarus glacialis*. **2022**, 100079 1
- 141 Micro(nano)plastics in food system: potential health impacts on human intestinal system. 1-19 ○
- 140 Defining the Chemical Additives Driving In Vitro Toxicities of Plastics. ○
- 139 Spatiotemporal microplastic occurrence study of Harike wetland, A Ramsar wetland of India. ○
- 138 Polyvinyl Chloride Microplastics Leach Phthalates into the Aquatic Environment over Decades. ○
- 137 First Evidence of Microplastic Contamination in Antarctic Fish (Actinopterygii, Perciformes). **2022**, 14, 3070 ○
- 136 A Review of Microplastics in Soil: Distribution Within Pedosphere Compartments, Environmental Fate, and Effects. **2022**, 233, ○
- 135 Living waste, living on waste: A bioeconomy of urban cows in Delhi. ○
- 134 How do microplastics adsorb metals? A preliminary study under simulated wetland conditions. **2022**, 309, 136547 ○
- 133 Can Supramolecular Polymers Become Another Material Choice for Polymer Flooding to Enhance Oil Recovery?. **2022**, 14, 4405 ○
- 132 Current status and trends of research on microplastic fugacity characteristics and pollution levels in mangrove wetlands. 10, ○
- 131 Microplastics characteristics of *lorjuk Solen* sp. in east coastal waters of Surabaya. **2022**, 1095, 012034 ○

- 130 Underestimated and ignored? The impacts of microplastic on soil invertebrates. Current scientific knowledge and research needs. 10, 0
- 129 Spatial and seasonal distribution of microplastic in surface water of Bueng Boraphet Wetland Ramsar wetland in Thailand. **2022**, 194, 0
- 128 Atmospheric micro (nano) plastics: future growing concerns for human health. 1
- 127 Prey choice and ingestion of microplastics by Common Shelducks and Common Eiders in the Wadden Sea World Heritage Site. 0
- 126 Food and human safety: the impact of microplastics. 1-20 1
- 125 Which Sediment Fraction Mainly Drives Microplastics Aging process: Dissolved Organic Matter or Colloids?. **2022**, 130310 0
- 124 Microplastic Accumulation in Crayfish *Astacus leptodactylus* (Eschscholtz 1823) and Sediments of Durusu (Terkos) Lake (Turkey). **2022**, 233, 0
- 123 Transformation of microplastics by oxidative water and wastewater treatment processes: A critical review. **2022**, 130313 0
- 122 Identification of plastic additives: Py/TD-GC-HRMS method development and application on food containers. **2022**, 168, 105745 0
- 121 The single and combined effects of mercury and polystyrene plastic beads on antioxidant-related systems in the brackish water flea: toxicological interaction depending on mercury species and plastic bead size. **2022**, 252, 106325 0
- 120 Microplastic in northern anchovies (*Engraulis mordax*) and common murrelets (*Uria aalge*) from the Monterey Bay, California USA - Insights into prevalence, composition, and estrogenic activity. **2022**, 120548 0
- 119 Microplastics distribution in sediment and mussels along the British Columbia Coast, Canada. **2022**, 185, 114273 0
- 118 Microplastic in the Baltic Sea: A review of distribution processes, sources, analysis methods and regulatory policies. **2022**, 315, 120453 1
- 117 Microplastics are transferred by soil fauna and regulate soil function as material carriers. **2023**, 857, 159690 0
- 116 Ecotoxicological Assessment of Glitter Leachates in Aquatic Ecosystems: An Integrated Approach. **2022**, 10, 677 0
- 115 Polyethylene microplastics increases the tissue damage caused by 4-nonylphenol in the common carp (*Cyprinus carpio*) juvenile. 9, 0
- 114 Early Biofilm Accumulation in Freshwater Environments on Different Types of Plastic. **2022**, 83-105 0
- 113 Detection of Environmental Microfiber Pollutants through Vibrational Spectroscopic Techniques: Recent Advances of Environmental Monitoring and Future Prospects. 1-11 0

112	Resolving natural organic matter and nanoplastics in binary or ternary systems via UV-Vis analysis. 2022,	0
111	Endocrine Disrupting Compounds (Nonylphenol and Bisphenol A) Sources, Harmfulness and Laccase-Assisted Degradation in the Aquatic Environment. 2022, 10, 2236	1
110	Microplastics abundance in abiotic and biotic components along aquatic food chain in two freshwater ecosystems of Pakistan. 2022, 137177	0
109	Plastic pellets make <i>Excirrolana armata</i> more aggressive: Intraspecific interactions and mortality in field and laboratory ecotoxicological assays. 2022, 185, 114325	0
108	Disentangling Microplastic Pollution on Beach Sand of Puerto Princesa, Palawan Island, Philippines: Abundance and Characteristics. 2022, 14, 15303	0
107	Microplastics ingestion and chemical pollutants in seabirds of Gran Canaria (Canary Islands, Spain). 2023, 186, 114434	0
106	Endocrine disruptors and endometriosis. 2023, 115, 56-73	1
105	The role of seagrass meadows in the accumulation of microplastics: Insights from a South African estuary. 2023, 186, 114403	0
104	Detection of microplastic particles in scats from different colonies of California sea lions (<i>Zalophus californianus</i>) in the Gulf of California, Mexico: A preliminary study. 2023, 186, 114433	0
103	Plastic waste reprocessing for circular economy: A systematic scoping review of risks to occupational and public health from legacy substances and extrusion. 2023, 859, 160385	0
102	Decade of microplastic alteration in the southeastern black sea: An example of seahorse gastrointestinal tracts. 2023, 218, 115001	0
101	Polylactic acid microplastics induce higher biotoxicity of decabromodiphenyl ethane on earthworms (<i>Eisenia fetida</i>) compared to polyethylene and polypropylene microplastics. 2023, 862, 160909	0
100	Review on invasion of microplastic in our ecosystem and implications. 2022, 105, 003685042211407	1
99	Microplastic pollution and its implicated risks in the estuarine environment of Tamil Nadu, India. 2022, 160572	0
98	Plastic Waste Issue in Malaysia: Where Are We?. 2023, 119-144	0
97	Microfluidically-Assisted Isolation and Characterization of <i>Achromobacter spanius</i> from Soils for Microbial Degradation of Synthetic Polymers and Organic Solvents. 2022, 9, 147	0
96	<i>Vibrio</i> spp and other potential pathogenic bacteria associated to microfibers in the North-Western Mediterranean Sea. 2022, 17, e0275284	1
95	The Sorption of Amoxicillin on Engineered Polyethylene Terephthalate Microplastics.	0

- 94 Microplastic Contamination and Ecological Status of Freshwater Ecosystems: A Case Study in Two Northern Portuguese Rivers. **2022**, 19, 15956 ○
- 93 Potential Adsorption Affinity of Estrogens on LDPE and PET Microplastics Exposed to Wastewater Treatment Plant Effluents. **2022**, 19, 16027 ○
- 92 A sustainable approach on thermal and catalytic conversion of waste plastics into fuels. **2022**, 126977 ○
- 91 Does plastic type matter? Insights into non-indigenous marine larvae recruitment under controlled conditions. 10, e14549 ○
- 90 Overviewing the Ground Reality of Microplastic Effects on Seafoods, Including Fish, Shrimps and Crabs: Future Research Directions. **2022**, 11, 3976 ○
- 89 Microplastic Contamination in Ulhas River Flowing Through India's Most Populous Metropolitan Area. **2022**, 233, ○
- 88 Evidence of microplastic-mediated transfer of PCB-153 to sea urchin tissues using radiotracers. **2022**, 185, 114322 ○
- 87 Techniques for Microplastics Detection in Urban Water Systems. **2022**, 1-52 ○
- 86 Microplastics in agroecosystems: A review of effects on soil biota and key soil functions. ○
- 85 The importance of integrating morphological attributes of microplastics: a theoretical discussion to assess environmental impacts. ○
- 84 First Assessment of Micro-Litter Ingested by Dolphins, Sea Turtles and Monk Seals Found Stranded along the Coasts of Samos Island, Greece. **2022**, 12, 3499 ○
- 83 Heterologous Expression of Streptomyces PETase Gene Involved in PET Biodegradation. **2022**, ○
- 82 Spatial and seasonal variation of Microplastics in the Avoimitro Ghat and Kalurghat of the Karnaphuli River, Chattogram. ○
- 81 Current knowledge on the presence, biodegradation, and toxicity of discarded face masks in the environment. **2023**, 109308 ○
- 80 Pollution and Distribution of Microplastics in Grassland Soils of Qinghai-Tibet Plateau, China. **2023**, 11, 86 ○
- 79 Photoaging process of microplastics and their pollutant release. **2023**, ○
- 78 Microplastic Contaminants in the Sediment of the East Coast of Saudi Arabia. ○
- 77 The Risks of Microplastic Pollution in the Aquatic Ecosystem. ○

- 76 Microplastic Toxicity in Aquatic Organisms and Aquatic Ecosystems: a Review. **2023**, 234, ○
- 75 A Preliminary Report of Plastic Ingestion by Hawksbill and Green Turtles in the Saudi Arabian Red Sea. **2023**, 13, 314 ○
- 74 River engage: Insights on plastic debris polluting the Aturukuku River in Uganda, the Ayung River in Indonesia, and the Connecticut River in the United States. 10, ○
- 73 Microplastics in multimedia environment: A systematic review on its fate, transport, quantification, health risk, and remedial measures. **2023**, 20, 100889 ○
- 72 Beached microplastics at the Bahia Blanca Estuary (Argentina): Plastic pellets as potential vectors of environmental pollution by POPs. **2023**, 187, 114520 ○
- 71 PCB-126 spiked to polyethylene microplastic ingested by juvenile Atlantic cod (*Gadus morhua*) accumulates in liver and muscle tissues. **2023**, 187, 114528 ○
- 70 Changes in plastic ingestion by yellow-legged gulls (*Larus michahellis*) over the breeding season. **2023**, 187, 114483 ○
- 69 Plastic leachate-induced toxicity during sea urchin embryonic development: Insights into the molecular pathways affected by PVC. **2023**, 864, 160901 ○
- 68 Habitual feeding patterns impact polystyrene microplastic abundance and potential toxicity in edible benthic mollusks. **2023**, 866, 161341 ○
- 67 Occurrence of microplastics in tap and bottled water, and food packaging: A narrative review on current knowledge. **2023**, 865, 161274 ○
- 66 Potential risk of co-occurrence of microplastics and chlorinated persistent organic pollutants to coastal wetlands: Evidence from a case study. **2023**, 320, 121087 ○
- 65 Distribution and characterization of microplastic from reef associated surface sediments of Vembar group of Islands, Gulf of Mannar, India. **2023**, 5, 100024 ○
- 64 Global meta-analysis reveals differential effects of microplastics on soil ecosystem. **2023**, 867, 161403 ○
- 63 Short-term microplastic exposure triggers cellular damage through oxidative stress in the soft coral *Coelogorgia palmosa*. **2022**, 18, 495-508 ○
- 62 Current scenario and challenges of plastic pollution in Bangladesh: a focus on farmlands and terrestrial ecosystems. **2023**, 17, ○
- 61 Microplastics pollution in the river Karnaphuli: a preliminary study on a tidal confluence river in the southeast coast of Bangladesh. ○
- 60 Microplastics in Fish and Fishery Products and Risks for Human Health: A Review. **2023**, 20, 789 2
- 59 On the troubling use of plastic habitat structures for fish in freshwater ecosystems when restoration is just littering. **2023**, 8, 1-19 ○

- 58 Biotransformation of bisphenol A by laccase enzymes. **2023**, 111-125 ○
- 57 The role of nanomaterials in plastics biodegradability. **2023**, 283-308 ○
- 56 Microplastics: A Real Global Threat for Environment and Food Safety: A State of the Art Review. **2023**, 15, 617 1
- 55 Background introduction. **2023**, 1-28 ○
- 54 Phytoaccumulation of Micro- and Nanoplastics: Root Uptake. **2023**, 165-188 ○
- 53 Sorption of alkylphenols and estrogens on microplastics in marine conditions. **2023**, 21, ○
- 52 Distribution and source apportionment of phenolic EDCs in rivers in the Pearl River Delta, South China. **2023**, 30, 48248-48259 ○
- 51 Insight into chemical features of migrated additives from plastics and associated risks to estuarine ecosystem. **2023**, 448, 130861 ○
- 50 Microplastics in sediments from the southern Gulf of Mexico: Abundance, distribution, composition, and adhered pollutants. **2023**, 873, 162290 ○
- 49 Growth of grasses and forbs, nutrient concentration, and microbial activity in soil treated with microbeads. **2023**, 324, 121326 ○
- 48 Metal concentrations in feathers of red-legged cormorants (*Phalacrocorax gaimardi*) and sources of plastic in a nesting colony from northern Chile. **2023**, 190, 114817 ○
- 47 A review on analytical performance of micro- and nanoplastics analysis methods. **2023**, 16, 104686 ○
- 46 Photo-aging promotes the inhibitory effect of polystyrene microplastics on microbial reductive dechlorination of a polychlorinated biphenyl mixture (Aroclor 1260). **2023**, 452, 131350 ○
- 45 Micro- and nanoplastic toxicity: A review on size, type, source, and test-organism implications. **2023**, 878, 162954 ○
- 44 Microplastic pollution in table salt and sugar: Occurrence, qualification and quantification and risk assessment. **2023**, 119, 105261 ○
- 43 Microplastic distribution and characteristics across a large river basin: Insights from the Neuse River in North Carolina, USA. **2023**, 878, 162940 ○
- 42 From prey to predators: Evidence of microplastic trophic transfer in tuna and large pelagic species in the southwestern Tropical Atlantic. **2023**, 327, 121532 ○
- 41 Quantitative determination of BPA, BPB, BPF and BPS levels in canned legumes from Italian market. **2023**, 416, 135642 ○

- 40 SBBGR technology for reducing waste sludge production during plastic recycling process: Assessment of potential increase in sludge hazardousness. **2023**, 880, 163388 ○
- 39 Long term trends in floating plastic pollution within a marine protected area identifies threats for Endangered northern bottlenose whales. **2023**, 227, 115686 ○
- 38 Micro and nanoplastics ravaging our agroecosystem: A review of occurrence, fate, ecological impacts, detection, remediation, and prospects. **2023**, 9, e13296 ○
- 37 Extruded polystyrene microplastics as a source of brominated flame retardant additives in the marine environment: long-term field and laboratory experiments. **2023**, 172, 107797 ○
- 36 Insights into the distribution and ingestion of prey-like plastic fishing lures in Mediterranean rough-toothed dolphins. **2023**, 188, 114701 ○
- 35 Microplastics and leaf litter decomposition dynamics: New insights from a lotic ecosystem (Northeastern Italy). **2023**, 147, 109995 ○
- 34 The Effects of Exposing *Solea senegalensis* to Microbeads with and Without Pesticides. **2023**, 234, ○
- 33 Anthropogenic litter in terrestrial flora and fauna: Is the situation as bad as in the ocean? A field study in Southern Germany on five meadows and 150 ruminants in comparison with marine debris. **2023**, 323, 121304 ○
- 32 Occurrence of tire-derived microplastics (TMPs) focusing on driving behavior. **2023**, 6, 52-62 ○
- 31 Nano polystyrene microplastics could accumulate in Nile tilapia (*Oreochromis niloticus*): Negatively impacts on the liver and intestinal health through water exposure. **2024**, 137, 604-614 ○
- 30 *Chironomus* sp. as a Bioindicator for Assessing Microplastic Contamination and the Heavy Metals Associated with It in the Sediment of Wastewater in Sohag Governorate, Egypt. **2023**, 234, ○
- 29 Microplastic Detection and Analysis from Water and Sediment: A Review. **2023**, 407, ○
- 28 ~~Plasticosis~~Characterising macro- and microplastic-associated fibrosis in seabird tissues. **2023**, 450, 131090 ○
- 27 Do Microplastics and Nanoplastics Pose Risks to Biota in Agricultural Ecosystems?. **2023**, 7, 19 ○
- 26 Distribution, compositional characteristics, and historical pollution records of microplastics in tidal flats of South Korea. **2023**, 189, 114741 ○
- 25 Ecological Impacts and Toxicity of Micro- and Nanoplastics in Agroecosystem. **2023**, 221-236 ○
- 24 Development of a rapid detection protocol for microplastics using reflectance-FTIR spectroscopic imaging and multivariate classification. **2023**, 2, 663-674 ○
- 23 Micro- and Nanoplastics on Plant Functionalities. **2023**, 237-260 ○

- 22 Surveillance and mitigation of soil pollution through metagenomic approaches. 1-34 ○
- 21 Environmental impact and end-of-life options of disposed polymeric spectacle and contact lenses. **2023**, 82, ○
- 20 Study on Copper Desorption Behavior from Microplastic Particles in Different Media. **2023**, 234, ○
- 19 Study on the Mechanism of Molecular Weight Reduction of Polyethylene Based on Fe-Montmorillonite and Its Potential Application. **2023**, 15, 1429 ○
- 18 Analysis of Microplastic in *Holothuria leucospilota* (Echinodermata-Holothuroidea) and Sediments from Karachi coast, (Northern Arabian Sea). **2023**, 10, 161-169 ○
- 17 Bioaccumulation and metabolism of polybrominated diphenyl ethers (PBDEs) in coenobitid hermit crabs from marine litter-polluted beaches in remote islands. **2023**, 190, 114812 ○
- 16 Microplastics and nanoplastics in the marine environment. **2023**, 311-348 ○
- 15 Solving the plastic dilemma: the fungal and bacterial biodegradability of polyurethanes. **2023**, 39, ○
- 14 Hydrodynamics and geomorphology of groundwater environments. **2023**, 3-37 ○
- 13 The Minderoo-Monaco Commission on Plastics and Human Health. **2023**, 89, ○
- 12 The Coming Tide of Wind Turbine Blades Retirement: Threats and Treatment Measures. 29, 105-112 ○
- 11 Prey choice and ingestion of microplastics by common shelducks and common eiders in the Wadden Sea World Heritage Site. **2023**, 170, ○
- 10 Toxicity of dental materials and ways to screen their biosafety. **2023**, 435-468 ○
- 9 A mixed method assessment of research productivity on microplastics in various compartments in the environment. ○
- 8 Chemical and toxicological assessment of leachates from UV-degraded plastic materials using in-vitro bioassays. 11, e15192 ○
- 7 I Can Feel Your Pain: Investigating the Role of Empathy and Guilt on Sustainable Behavioral Intentions to Reduce, Reuse, and Recycle Plastic Bags among College Students. **2023**, 15, 6572 ○
- 6 NLRP3 inflammasome as a sensor of micro- and nanoplastics immunotoxicity. 14, ○
- 5 Fish to Eat or Not to Eat? A Mixed-Methods Investigation of the Conundrum of Fish Consumption in the Context of Marine Pollution in Indonesia. **2023**, 20, 5582 ○

- 4 New insights into the migration, distribution and accumulation of micro-plastic in marine environment: A critical mechanism review. **2023**, 138572
- 3 Effect of Oligomers Derived from Biodegradable Polyesters on Eco- and Neurotoxicity.
- 2 Microplastics in the Mediterranean and elsewhere in coastal seas. **2023**,
- 1 Sorption of Total Petroleum Hydrocarbons in Microplastics. **2023**, 15, 2050