High-levels of microplastic pollution in a large, remote,

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Citation Report

#	Article	IF	CITATIONS
3	Nanoplastic Affects Growth of <i>S. obliquus</i> and Reproduction of <id. i="" magna<=""> Environmental Science & Technology, 2014, 48, 12336-12343.</id.>	4.6	868
4	Microplastic is an Abundant and Distinct Microbial Habitat in an Urban River. Environmental Science & Environmental Science	4.6	1,045
5	Questions of size and numbers in environmental research on microplastics: methodological and conceptual aspects. Environmental Chemistry, 2015, 12, 527.	0.7	208
6	Marine litter, future prospects for research. Frontiers in Marine Science, 2015, 2, .	1.2	71
7	Sediments of the Anthropocene. , 2015, , .		1
8	Plastic and metal ingestion in three species of coastal waterfowl wintering in Atlantic Canada. Marine Pollution Bulletin, 2015, 98, 349-353.	2.3	35
9	Microplastics in freshwater systems: A review of the emerging threats, identification of knowledge gaps and prioritisation of research needs. Water Research, 2015, 75, 63-82.	5. 3	1,836
10	Plastic debris in the Laurentian Great Lakes: A review. Journal of Great Lakes Research, 2015, 41, 9-19.	0.8	300
11	Potential Health Impact of Environmentally Released Micro- and Nanoplastics in the Human Food Production Chain: Experiences from Nanotoxicology. Environmental Science & Envir	4.6	810
12	Identification of microplastics by FTIR and Raman microscopy: a novel silicon filter substrate opens the important spectral range below 1300Âcmâ~1 for FTIR transmission measurements. Analytical and Bioanalytical Chemistry, 2015, 407, 6791-6801.	1.9	215
13	Regulation and Management of Marine Litter. , 2015, , 395-428.		67
14	Hidden plastics of Lake Ontario, Canada and their potential preservation in the sediment record. Environmental Pollution, 2015, 204, 17-25.	3.7	315
15	Accumulation of floating microplastics behind the Three Gorges Dam. Environmental Pollution, 2015, 204, 117-123.	3.7	371
16	Using a forensic science approach to minimize environmental contamination and to identify microfibres in marine sediments. Marine Pollution Bulletin, 2015, 95, 40-46.	2.3	258
17	Sampling of riverine litter with citizen scientists — findings and recommendations. Environmental Monitoring and Assessment, 2015, 187, 335.	1.3	104
18	Occurrence and amount of microplastic ingested by fishes in watersheds of the Gulf of Mexico. Marine Pollution Bulletin, 2015, 100, 264-269.	2.3	218
19	Analysis of polyethylene microplastics in environmental samples, using a thermal decomposition method. Water Research, 2015, 85, 451-457.	5.3	323
20	Microplastic contamination in an urban area: a case study in Greater Paris. Environmental Chemistry, 2015, 12, 592.	0.7	1,069

#	ARTICLE	IF	CITATIONS
21	Microplastic Pollution in Table Salts from China. Environmental Science & Envi	4.6	703
22	Benthic plastic debris in marine and fresh water environments. Environmental Sciences: Processes and Impacts, 2015, 17, 1363-1369.	1.7	109
23	Beyond the ocean: contamination of freshwater ecosystems with (micro-)plastic particles. Environmental Chemistry, 2015, 12, 539.	0.7	393
24	When Microplastic Is Not Plastic: The Ingestion of Artificial Cellulose Fibers by Macrofauna Living in Seagrass Macrophytodetritus. Environmental Science & Environmental Scie	4.6	260
25	Nano-plastics in the aquatic environment. Environmental Sciences: Processes and Impacts, 2015, 17, 1712-1721.	1.7	353
26	Microplastics in coastal and marine environments of the western tropical and sub-tropical Atlantic Ocean. Environmental Sciences: Processes and Impacts, 2015, 17, 1868-1879.	1.7	56
27	Natural trophic variability in a large, oligotrophic, near-pristine lake. Journal of Great Lakes Research, 2015, 41, 463-472.	0.8	4
28	Plastic pollution in Swiss surface waters: nature and concentrations, interaction with pollutants. Environmental Chemistry, 2015, 12, 582.	0.7	376
29	Microbes on a Bottle: Substrate, Season and Geography Influence Community Composition of Microbes Colonizing Marine Plastic Debris. PLoS ONE, 2016, 11, e0159289.	1.1	403
30	Microplastics in Taihu Lake, China. Environmental Pollution, 2016, 216, 711-719.	3.7	807
31	Sorption of polycyclic aromatic hydrocarbons to polystyrene nanoplastic. Environmental Toxicology and Chemistry, 2016, 35, 1650-1655.	2.2	196
32	Microplastics profile along the Rhine River. Scientific Reports, 2016, 5, 17988.	1.6	670
33	Wastewater treatment plant effluent as a source of microplastics: review of the fate, chemical interactions and potential risks to aquatic organisms. Water Science and Technology, 2016, 74, 2253-2269.	1.2	238
34	Microplastic pollution of lakeshore sediments from remote lakes in Tibet plateau, China. Environmental Pollution, 2016, 219, 450-455.	3.7	414
35	Time-of-flight secondary ion mass spectrometry (ToF-SIMS)-based analysis and imaging of polyethylene microplastics formation during sea surf simulation. Science of the Total Environment, 2016, 563-564, 261-266.	3.9	49
36	(Nano)plastics in the environment – Sources, fates and effects. Science of the Total Environment, 2016, 566-567, 15-26.	3.9	725
37	Plastic ingestion by a generalist seabird on the coast of Uruguay. Marine Pollution Bulletin, 2016, 107, 71-76.	2.3	36
38	Extraction, enumeration and identification methods for monitoring microplastics in the environment. Estuarine, Coastal and Shelf Science, 2016, 176, 102-109.	0.9	231

#	Article	IF	CITATIONS
39	Microplastic pollution in lakes and lake shoreline sediments – A case study on Lake Bolsena and Lake Chiusi (central Italy). Environmental Pollution, 2016, 213, 648-657.	3.7	433
40	A Procedure for Measuring Microplastics using Pressurized Fluid Extraction. Environmental Science & Eamp; Technology, 2016, 50, 5774-5780.	4.6	722
41	Microplastic pollution is widely detected in US municipal wastewater treatment plant effluent. Environmental Pollution, 2016, 218, 1045-1054.	3.7	763
42	Analysis of environmental microplastics by vibrational microspectroscopy: FTIR, Raman or both?. Analytical and Bioanalytical Chemistry, 2016, 408, 8377-8391.	1.9	611
43	Plastics and other anthropogenic debris in freshwater birds from Canada. Science of the Total Environment, 2016, 571, 251-258.	3.9	144
44	Integrated Plastic Waste Management: Environmental and Improved Health Approaches. Procedia Environmental Sciences, 2016, 35, 692-700.	1.3	153
45	Influence of wastewater treatment plant discharges on microplastic concentrations in surface water. Chemosphere, 2016, 162, 277-284.	4.2	293
46	Freshwater biodiversity: a review of local and global threats. International Journal of Environmental Studies, 2016, 73, 887-904.	0.7	55
47	Plastic Debris in 29 Great Lakes Tributaries: Relations to Watershed Attributes and Hydrology. Environmental Science & Environ	4.6	498
48	Standardized methods are required to assess and manage microplastic contamination of the Great Lakes system. Journal of Great Lakes Research, 2016, 42, 921-925.	0.8	19
49	Microplastics in aquatic environments: Implications for Canadian ecosystems. Environmental Pollution, 2016, 218, 269-280.	3.7	396
50	Virgin microplastics cause toxicity and modulate the impacts of phenanthrene on biomarker responses in African catfish (Clarias gariepinus). Environmental Research, 2016, 151, 58-70.	3.7	281
51	Hazardous or not – Are adult and juvenile individuals of Potamopyrgus antipodarum affected by non-buoyant microplastic particles?. Environmental Pollution, 2016, 218, 383-391.	3.7	81
52	Microplastic in surface waters of urban rivers: concentration, sources, and associated bacterial assemblages. Ecosphere, 2016, 7, e01556.	1.0	379
53	Sea surface microplastics in Slovenian part of the Northern Adriatic. Marine Pollution Bulletin, 2016, 113, 392-399.	2.3	94
54	A semi-automated Raman micro-spectroscopy method for morphological and chemical characterizations of microplastic litter. Marine Pollution Bulletin, 2016, 113, 461-468.	2.3	120
55	Pelagic plastic pollution within the surface waters of Lake Michigan, USA. Journal of Great Lakes Research, 2016, 42, 753-759.	0.8	92
56	Microplastic contamination in the San Francisco Bay, California, USA. Marine Pollution Bulletin, 2016, 109, 230-235.	2.3	298

#	Article	IF	CITATIONS
57	Low-Volatility Model Demonstrates Humidity Affects Environmental Toxin Deposition on Plastics at a Molecular Level. Environmental Science & Environmental Enviro	4.6	12
58	The geological cycle of plastics and their use as a stratigraphic indicator of the Anthropocene. Anthropocene, 2016, 13, 4-17.	1.6	622
59	Transport and fate of microplastic particles in wastewater treatment plants. Water Research, 2016, 91, 174-182.	5.3	1,197
60	Synthetic fibers in atmospheric fallout: A source of microplastics in the environment?. Marine Pollution Bulletin, 2016, 104, 290-293.	2.3	1,310
61	Short-term exposure with high concentrations of pristine microplastic particles leads to immobilisation of Daphnia magna. Chemosphere, 2016, 153, 91-99.	4.2	367
62	Urbanization is a major influence on microplastic ingestion by sunfish in the Brazos River Basin, Central Texas, USA. Environmental Pollution, 2016, 210, 380-387.	3.7	318
63	The chemistry of river–lake systems in the context of permafrost occurrence (Mongolia, Valley of the) Tj ETQq0 340, 84-95.	0 0 rgBT / 1.0	Overlock 10 14
64	Is there any consistency between the microplastics found in the field and those used in laboratory experiments?. Environmental Pollution, 2016, 211, 111-123.	3.7	392
65	Microplastics in the aquatic and terrestrial environment: sources (with a specific focus on personal) Tj ETQq0 0 0 0	rgBT /Ove	rlock 10 Tf 5
66	First evidence of microplastics in the African Great Lakes: Recovery from Lake Victoria Nile perch and Nile tilapia. Journal of Great Lakes Research, 2016, 42, 146-149.	0.8	228
67	Plastics and microplastics in the oceans: From emerging pollutants to emerged threat. Marine Environmental Research, 2017, 128, 2-11.	1.1	815
68	Microplastics en route: Field measurements in the Dutch river delta and Amsterdam canals, wastewater treatment plants, North Sea sediments and biota. Environment International, 2017, 101, 133-142.	4.8	792
69	Microplastics in freshwater and terrestrial environments: Evaluating the current understanding to identify the knowledge gaps and future research priorities. Science of the Total Environment, 2017, 586, 127-141.	3.9	2,188
70	Widespread microplastic ingestion by fish assemblages in tropical estuaries subjected to anthropogenic pressures. Marine Pollution Bulletin, 2017, 117, 448-455.	2.3	211
71	Fast identification of microplastics in complex environmental samples by a thermal degradation method. Chemosphere, 2017, 174, 572-584.	4.2	421
73	Microplastics in a freshwater environment receiving treated wastewater effluent. Integrated Environmental Assessment and Management, 2017, 13, 528-532.	1.6	147
74	Synthetic fibers as microplastics in the marine environment: A review from textile perspective with a focus on domestic washings. Science of the Total Environment, 2017, 598, 1116-1129.	3.9	489
75	The plastic in microplastics: A review. Marine Pollution Bulletin, 2017, 119, 12-22.	2.3	1,324

#	Article	IF	Citations
76	Gaps in aquatic toxicological studies of microplastics. Chemosphere, 2017, 184, 841-848.	4.2	82
77	Finding the missing piece of the aquatic plastic pollution puzzle: Interaction between primary producers and microplastics. Limnology and Oceanography Letters, 2017, 2, 91-104.	1.6	181
78	Microplastics in the sediments of a UK urban lake. Environmental Pollution, 2017, 229, 10-18.	3.7	207
79	Microplastics Sampling and Sample Handling. Comprehensive Analytical Chemistry, 2017, 75, 25-47.	0.7	15
80	Microplastic contamination in Lake Winnipeg, Canada. Environmental Pollution, 2017, 225, 223-231.	3.7	306
81	The presence of microplastics in commercial salts from different countries. Scientific Reports, 2017, 7, 46173.	1.6	300
82	Rapid and Efficient Method for the Detection of Microplastic in the Gastrointestinal Tract of Fishes. Environmental Science &	4.6	128
83	Distribution and importance of microplastics in the marine environment: A review of the sources, fate, effects, and potential solutions. Environment International, 2017, 102, 165-176.	4.8	1,633
84	Occurrence and Characteristics of Microplastic Pollution in Xiangxi Bay of Three Gorges Reservoir, China. Environmental Science & Environmental Scienc	4.6	393
85	A review of analytical techniques for quantifying microplastics in sediments. Analytical Methods, 2017, 9, 1369-1383.	1.3	305
86	Efficient microplastics extraction from sand. A cost effective methodology based on sodium iodide recycling. Marine Pollution Bulletin, 2017, 115, 120-129.	2.3	59
87	Microplastic pollution in Vembanad Lake, Kerala, India: The first report of microplastics in lake and estuarine sediments in India. Environmental Pollution, 2017, 222, 315-322.	3.7	366
88	Microplastic pollution in the marine waters and sediments of Hong Kong. Marine Pollution Bulletin, 2017, 115, 20-28.	2.3	267
89	Microplastics in Sewage Sludge: Effects of Treatment. Environmental Science &	4.6	687
90	Comparison of different methods for MP detection: What can we learn from them, and why asking the right question before measurements matters?. Environmental Pollution, 2017, 231, 1256-1264.	3.7	254
91	Export of microplastics from land to sea. A modelling approach. Water Research, 2017, 127, 249-257.	5.3	402
92	Export of Plastic Debris by Rivers into the Sea. Environmental Science & Envir	4.6	881
93	Mixture Toxicity of Nickel and Microplastics with Different Functional Groups on <i>Daphnia magna</i> . Environmental Science &	4.6	216

#	Article	IF	CITATIONS
94	Do polyethylene microplastic beads alter the intestinal uptake of Ag in rainbow trout (Oncorhynchus) Tj ETQq0 200-206.	0 0 rgBT / 3.7	Overlock 10 Tf 60
95	Polystyrene nanoplastics inhibit reproduction and induce abnormal embryonic development in the freshwater crustacean Daphnia galeata. Scientific Reports, 2017, 7, 12095.	1.6	169
96	Microplastics in livers of European anchovies (Engraulis encrasicolus, L.). Environmental Pollution, 2017, 229, 1000-1005.	3.7	304
97	Microplastics alter composition of fungal communities in aquatic ecosystems. Environmental Microbiology, 2017, 19, 4447-4459.	1.8	182
98	Impact of polyethylene microbeads on the floating freshwater plant duckweed Lemna minor. Environmental Pollution, 2017, 230, 1108-1115.	3.7	279
99	Water in Central Asia: an integrated assessment for science-based management. Environmental Earth Sciences, 2017, 76, 1.	1.3	57
100	Micro- and Nanoplastic Pollution of Freshwater and Wastewater Treatment Systems. Springer Science Reviews, 2017, 5, 19-30.	1.3	102
101	Microplastics in eviscerated flesh and excised organs of dried fish. Scientific Reports, 2017, 7, 5473.	1.6	235
102	Microplastic in Aquatic Ecosystems. Angewandte Chemie - International Edition, 2017, 56, 1720-1739.	7.2	554
103	Presence of plastic particles in waterbirds faeces collected in Spanish lakes. Environmental Pollution, 2017, 220, 732-736.	3.7	72
104	Microplastics pollution in inland freshwaters of China: A case study in urban surface waters of Wuhan, China. Science of the Total Environment, 2017, 575, 1369-1374.	3.9	701
105	Mikroplastik in aquatischen Ökosystemen. Angewandte Chemie, 2017, 129, 1744-1764.	1.6	17
106	More Than a Potential Hazardâ€"Approaching Risks from a Social-Ecological Perspective. Sustainability, 2017, 9, 1039.	1.6	12
107	Distribution and Modeled Transport of Plastic Pollution in the Great Lakes, the World's Largest Freshwater Resource. Frontiers in Environmental Science, 2017, 5, .	1.5	100
109	The Problem of Marine Plastic Debris. , 2017, , 1-55.		12
110	Direct and indirect effects of different types of microplastics on freshwater prey (Corbicula) Tj ETQq1 1 0.78431	4 rgBT /O	verlock 10 Tf 5
111	Do microplastic particles affect Daphnia magna at the morphological, life history and molecular level?. PLoS ONE, 2017, 12, e0187590.	1.1	147
112	The distribution and morphology of microplastics in coastal soils adjacent to the Bohai Sea and the Yellow Sea. Geoderma, 2018, 322, 201-208.	2.3	433

#	Article	IF	CITATIONS
113	Sources and distribution of microplastics in China's largest inland lake – Qinghai Lake. Environmental Pollution, 2018, 235, 899-906.	3.7	401
114	Microplastic pollution increases gene exchange in aquatic ecosystems. Environmental Pollution, 2018, 237, 253-261.	3.7	397
115	Ecotoxicological effects of microplastics on biota: a review. Environmental Science and Pollution Research, 2018, 25, 14373-14396.	2.7	536
116	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. Environmental Pollution, 2018, 239, 579-589.	3.7	82
117	Advancement and Challenges of Microplastic Pollution in the Aquatic Environment: a Review. Water, Air, and Soil Pollution, 2018, 229, 1.	1.1	56
118	Spatial and temporal distribution of microplastics in water and sediments of a freshwater system (Antuã River, Portugal). Science of the Total Environment, 2018, 633, 1549-1559.	3.9	560
119	Microplastics researchâ€" from sink to source. Science, 2018, 360, 28-29.	6.0	808
120	Identification and quantification of microplastics in table sea salts using micro-NIR imaging methods. Analytical Methods, 2018, 10, 2881-2887.	1.3	29
121	Toxicological interactions induced by chronic exposure to gold nanoparticles and microplastics mixtures in Daphnia magna. Science of the Total Environment, 2018, 628-629, 474-483.	3.9	114
122	Microplastic analysis in the South Funen Archipelago, Baltic Sea, implementing manta trawling and bulk sampling. Marine Pollution Bulletin, 2018, 128, 601-608.	2.3	125
123	Novel methodology to isolate microplastics from vegetal-rich samples. Marine Pollution Bulletin, 2018, 129, 61-69.	2.3	91
124	Sediments of the Anthropocene. , 2018, , 57-61.		0
125	Microplastic Abundance and Composition in Western Lake Superior As Determined via Microscopy, Pyr-GC/MS, and FTIR. Environmental Science & Eamp; Technology, 2018, 52, 1787-1796.	4.6	277
126	Microplastics in Inland African Waters: Presence, Sources, and Fate. Handbook of Environmental Chemistry, 2018, , 101-124.	0.2	22
127	Microplastics: An introduction to environmental transport processes. Wiley Interdisciplinary Reviews: Water, 2018, 5, e1268.	2.8	328
128	Microplastics in air: Are we breathing it in?. Current Opinion in Environmental Science and Health, 2018, 1, 1-5.	2.1	634
129	Microplastics in Polar Regions: The role of long range transport. Current Opinion in Environmental Science and Health, 2018, 1, 24-29.	2.1	147
130	Microplastics in freshwater systems: A review on occurrence, environmental effects, and methods for microplastics detection. Water Research, 2018, 137, 362-374.	5.3	1,259

#	Article	IF	Citations
132	Uptake and effects of the antimicrobial florfenicol, microplastics and their mixtures on freshwater exotic invasive bivalve Corbicula fluminea. Science of the Total Environment, 2018, 622-623, 1131-1142.	3.9	185
133	Synthetic microfibers in the marine environment: A review on their occurrence in seawater and sediments. Marine Pollution Bulletin, 2018, 127, 365-376.	2.3	300
134	Microplastics and Nanoplastics in Aquatic Environments: Aggregation, Deposition, and Enhanced Contaminant Transport. Environmental Science & Environme	4.6	1,560
135	Trophic transfer and individual impact of nano-sized polystyrene in a four-species freshwater food chain. Scientific Reports, 2018, 8, 284.	1.6	328
136	Freshwater Microplastics: Challenges for Regulation and Management. Handbook of Environmental Chemistry, 2018, , 239-272.	0.2	28
137	The effects of microplastic on freshwater Hydra attenuata feeding, morphology & mp; reproduction. Environmental Pollution, 2018, 234, 487-494.	3.7	148
138	Acute sensitivity of three Cladoceran species to different types of microplastics in combination with thermal stress. Environmental Pollution, 2018, 239, 733-740.	3.7	81
139	A preliminary study on coastal debris in Nallathanni Island, Gulf of Mannar Biosphere Reserve, Southeast coast of India. Marine Pollution Bulletin, 2018, 131, 547-551.	2.3	53
140	Comparisons of microplastic pollution between mudflats and sandy beaches in Hong Kong. Environmental Pollution, 2018, 236, 208-217.	3.7	143
141	Microplastic pollution in the surface waters of Italian Subalpine Lakes. Environmental Pollution, 2018, 236, 645-651.	3.7	250
142	Microplastic pollution in China's inland water systems: A review of findings, methods, characteristics, effects, and management. Science of the Total Environment, 2018, 630, 1641-1653.	3.9	321
143	A meta-analysis of the effects of exposure to microplastics on fish and aquatic invertebrates. Science of the Total Environment, 2018, 631-632, 550-559.	3.9	430
144	Transgenerational effects and recovery of microplastics exposure in model populations of the freshwater cladoceran Daphnia magna Straus. Science of the Total Environment, 2018, 631-632, 421-428.	3.9	156
145	Evaluation of uptake and chronic toxicity of virgin polystyrene microbeads in freshwater zebra mussel Dreissena polymorpha (Mollusca: Bivalvia). Science of the Total Environment, 2018, 631-632, 778-788.	3.9	192
146	Microplastic contamination of river beds significantly reduced by catchment-wide flooding. Nature Geoscience, 2018, 11, 251-257.	5.4	572
147	Environmental Changes in Central and East Asian Drylands and their Effects on Major River-Lake Systems. Quaternary International, 2018, 475, 91-100.	0.7	37
148	Factors influencing the microplastic contamination of bivalves from the French Atlantic coast: Location, season and/or mode of life?. Marine Pollution Bulletin, 2018, 129, 664-674.	2.3	217
149	Variation in plastic abundance at different lake beach zones - A case study. Science of the Total Environment, 2018, 613-614, 530-537.	3.9	47

#	ARTICLE	IF	CITATIONS
150	Microplastic and mesoplastic contamination in canned sardines and sprats. Science of the Total Environment, 2018, 612, 1380-1386.	3.9	232
151	Biodegradable compatibilized polymer blends for packaging applications: A literature review. Journal of Applied Polymer Science, 2018, 135, 45726.	1.3	234
152	Plastics in soil: Analytical methods and possible sources. Science of the Total Environment, 2018, 612, 422-435.	3.9	988
153	Sinks and sources: Assessing microplastic abundance in river sediment and deposit feeders in an Austral temperate urban river system. Science of the Total Environment, 2018, 612, 950-956.	3.9	336
154	Modeling the Fate and Transport of Plastic Debris in Freshwaters: Review and Guidance. Handbook of Environmental Chemistry, 2018, , 125-152.	0.2	78
155	Using the Asian clam as an indicator of microplastic pollution in freshwater ecosystems. Environmental Pollution, 2018, 234, 347-355.	3.7	330
156	Understanding the Risks of Microplastics: A Social-Ecological Risk Perspective. Handbook of Environmental Chemistry, 2018, , 223-237.	0.2	19
157	Analysis, Occurrence, and Degradation of Microplastics in the Aqueous Environment. Handbook of Environmental Chemistry, 2018, , 51-67.	0.2	130
158	Sources and Fate of Microplastics in Urban Areas: A Focus on Paris Megacity. Handbook of Environmental Chemistry, 2018, , 69-83.	0.2	101
159	Microplastic Pollution in Inland Waters Focusing on Asia. Handbook of Environmental Chemistry, 2018, , 85-99.	0.2	46
160	Microplastic-Associated Biofilms: A Comparison of Freshwater and Marine Environments. Handbook of Environmental Chemistry, 2018, , 181-201.	0.2	85
161	Freshwater Microplastics. Handbook of Environmental Chemistry, 2018, , .	0.2	215
162	Occurrence of microplastics and its pollution in the environment: A review. Sustainable Production and Consumption, 2018, 13, 16-23.	5.7	203
163	Assessing Local Indigenous Knowledge and Information Sources on Biodiversity, Conservation and Protected Area Management at Khuvsgol Lake National Park, Mongolia. Land, 2018, 7, 117.	1.2	10
164	Estimation and prediction of plastic waste annual input into the sea from China. Acta Oceanologica Sinica, 2018, 37, 26-39.	0.4	42
165	Abundance, Distribution, and Drivers of Microplastic Contamination in Urban River Environments. Water (Switzerland), 2018, 10, 1597.	1.2	197
166	Microplastics in sediment from Skudai and Tebrau river, Malaysia: a preliminary study. MATEC Web of Conferences, 2018, 250, 06012.	0.1	26
167	Microplastics in Sediment and Surface Water of West Dongting Lake and South Dongting Lake: Abundance, Source and Composition. International Journal of Environmental Research and Public Health, 2018, 15, 2164.	1.2	118

#	Article	IF	CITATIONS
168	Microplastic pollution in surface sediments of urban water areas in Changsha, China: Abundance, composition, surface textures. Marine Pollution Bulletin, 2018, 136, 414-423.	2.3	183
169	Ingestion of plastic by fish: A comparison of Thames Estuary and Firth of Clyde populations. Marine Pollution Bulletin, 2018, 137, 12-23.	2.3	34
170	A watershed-scale, citizen science approach to quantifying microplastic concentration in a mixed land-use river. Water Research, 2018, 147, 382-392.	5. 3	171
171	Occurrence, sources, human health impacts and mitigation of microplastic pollution. Environmental Science and Pollution Research, 2018, 25, 36046-36063.	2.7	365
172	Humic acids modify the pulse size distributions in the characterization of plastic microparticles by Tunable Resistive Pulse Sensing. Journal of Contaminant Hydrology, 2018, 218, 59-69.	1.6	1
173	Plastic Alters Biofilm Quality as Food Resource of the Freshwater Gastropod <i>Radix balthica</i> Environmental Science & Envir	4.6	34
174	Microplastics in sewage sludge from the wastewater treatment plants in China. Water Research, 2018, 142, 75-85.	5.3	675
175	Biodegradability standards for carrier bags and plastic films in aquatic environments: a critical review. Royal Society Open Science, 2018, 5, 171792.	1.1	171
176	Microplastics in mussels sampled from coastal waters and supermarkets in the United Kingdom. Environmental Pollution, 2018, 241, 35-44.	3.7	342
177	Microplastics pollution in different aquatic environments and biota: A review of recent studies. Marine Pollution Bulletin, 2018, 133, 191-208.	2.3	441
178	Freshwater plastic pollution: Recognizing research biases and identifying knowledge gaps. Water Research, 2018, 143, 416-424.	5.3	420
179	Microplastic Contamination in Freshwater Systems: Methodological Challenges, Occurrence and Sources., 2018,, 51-93.		23
180	Occurrence and Fate of Microplastics in Wastewater Treatment Plants., 2018,, 317-338.		13
181	The Effects of Microplastic Pollution on Aquatic Organisms. , 2018, , 249-270.		12
182	Constraints and Priorities for Conducting Experimental Exposures of Marine Organisms to Microplastics. Frontiers in Marine Science, 2018, 5, .	1.2	178
183	Microplastics Reduce Short-Term Effects of Environmental Contaminants. Part I: Effects of Bisphenol A on Freshwater Zooplankton Are Lower in Presence of Polyamide Particles. International Journal of Environmental Research and Public Health, 2018, 15, 280.	1.2	98
184	Occurrence and distribution of microplastics in an urban river: A case study in the Pearl River along Guangzhou City, China. Science of the Total Environment, 2018, 644, 375-381.	3.9	364
185	Recent ecological change in ancient lakes. Limnology and Oceanography, 2018, 63, 2277-2304.	1.6	68

#	Article	IF	Citations
186	Preferential accumulation of small (<300â€Î¼m) microplastics in the sediments of a coastal plain river network in eastern China. Water Research, 2018, 144, 393-401.	5.3	160
187	Microplastics integrating the coastal planktonic community in the inner zone of the RÃo de la Plata estuary (South America). Environmental Pollution, 2018, 243, 134-142.	3.7	76
188	Alkoxy-silyl Induced Agglomeration: A New Approach for the Sustainable Removal of Microplastic from Aquatic Systems. Journal of Polymers and the Environment, 2018, 26, 4258-4270.	2.4	78
189	Transcriptional effects of polyethylene microplastics ingestion in developing zebrafish (Danio rerio). Environmental Pollution, 2018, 243, 591-600.	3.7	122
190	Worldwide distribution and abundance of microplastic: How dire is the situation?. Waste Management and Research, 2018, 36, 873-897.	2.2	276
191	Occurrence of microplastics in raw and treated drinking water. Science of the Total Environment, 2018, 643, 1644-1651.	3.9	669
192	Distribution of Microplastics and Nanoplastics in Aquatic Ecosystems and Their Impacts on Aquatic Organisms, with Emphasis on Microalgae. Reviews of Environmental Contamination and Toxicology, 2018, , 133-158.	0.7	13
193	The Occurrence, Fate, and Effects of Microplastics in the Marine Environment., 2018, , 133-173.		14
194	Rural plastic emissions into the largest mountain lake of the Eastern Carpathians. Royal Society Open Science, 2018, 5, 172396.	1.1	39
195	Occurrence, Fate, and Effect of Microplastics in Freshwater Systems. , 2018, , 95-132.		39
196	Feeding and metabolism effects of three common microplastics on Tenebrio molitor L Environmental Geochemistry and Health, 2019, 41, 17-26.	1.8	35
197	An innovative model for environmental interpretation in freshwater ecosystems: the case of a solar-wind cruise through Lake Sanabria (NW Spain). Journal of Ecotourism, 2019, 18, 181-189.	1.5	0
198	Micro- and Macroplastics in Aquatic Ecosystems. , 2019, , 116-125.		3
199	Microplastics in the environment: A critical review of current understanding and identification of future research needs. Environmental Pollution, 2019, 254, 113011.	3.7	379
202	Zein film functionalized with gold nanoparticles and the factors affecting its mechanical properties. RSC Advances, 2019, 9, 25184-25188.	1.7	4
203	Evaluation of continuous flow centrifugation as an alternative technique to sample microplastic from water bodies. Marine Environmental Research, 2019, 151, 104768.	1.1	36
204	Plastic sources: A survey across scientific and grey literature for their inventory and relative contribution to microplastics pollution in natural environments, with an emphasis on surface water. Science of the Total Environment, 2019, 693, 133499.	3.9	210
205	The impact of improper solid waste management to plastic pollution in Indonesian coast and marine environment. Marine Pollution Bulletin, 2019, 149, 110505.	2.3	96

#	Article	IF	CITATIONS
206	Current practices and future perspectives of microplastic pollution in freshwater ecosystems in China. Science of the Total Environment, 2019, 691, 697-712.	3.9	162
207	Microplastics as contaminants in the soil environment: A mini-review. Science of the Total Environment, 2019, 691, 848-857.	3.9	413
208	Stakeholder Analysis in Solving the Problem of Accumulation of Plastics in Surface Waters of Protected Areas. Handbook of Environmental Chemistry, 2019, , 95-118.	0.2	2
209	Threats Underestimated in Freshwater Plastic Pollution: Mini-Review. Water, Air, and Soil Pollution, 2019, 230, 1.	1.1	71
210	Strong and thermally insulating polylactic acid/glass fiber composite foam fabricated by supercritical carbon dioxide foaming. International Journal of Biological Macromolecules, 2019, 138, 144-155.	3.6	48
211	Effects of Different Microplastic Types and Surfactant-Microplastic Mixtures Under Fasting and Feeding Conditions: A Case Study on Daphnia magna. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 367-373.	1.3	51
212	Polymer-Specific Modeling of the Environmental Emissions of Seven Commodity Plastics As Macro- and Microplastics. Environmental Science & Environmental Emissions of Seven Commodity Plastics As Macro- and Microplastics. Environmental Environmental Emissions of Seven Commodity Plastics As Macro- and Microplastics. Environmental Environmental Emissions of Seven Commodity Plastics As Macro- and Microplastics. Environmental Environmental Emissions of Seven Commodity Plastics As Macro- and Microplastics.	4.6	160
213	First evidence of microplastic contamination in the supraglacial debris of an alpine glacier. Environmental Pollution, 2019, 253, 297-301.	3.7	230
214	Review of Methodological Choices in LCA-Based Textile and Apparel Rating Tools: Key Issues and Recommendations Relating to Assessment of Fabrics Made From Natural Fibre Types. Sustainability, 2019, 11, 3846.	1.6	23
215	Research on ecotoxicology of microplastics on freshwater aquatic organisms. Environmental Pollutants and Bioavailability, 2019, 31, 131-137.	1.3	50
216	Abundance of microplastics in the gastrointestinal tracts of the eelpout (Zoacres viviparous L.) collected in Roskilde Fjord, Denmark: Implications for use as a monitoring species under the Marine Strategy Framework Directive. Regional Studies in Marine Science, 2019, 32, 100900.	0.4	8
217	Vertical Distribution of Microplastics in the Water Column and Surficial Sediment from the Milwaukee River Basin to Lake Michigan. Environmental Science & Environmental Science & 2019, 53, 12227-12237.	4.6	246
218	Retention of microplastics in sediments of urban and highway stormwater retention ponds. Environmental Pollution, 2019, 255, 113335.	3.7	112
219	Microplastics in the Digestive Tracts of Four Fish Species from the Ciénaga Grande de Santa Marta Estuary in Colombia. Water, Air, and Soil Pollution, 2019, 230, 1.	1.1	35
220	Plastic Particle Ingestion by Wild Freshwater Fish: A Critical Review. Environmental Science & Emp; Technology, 2019, 53, 12974-12988.	4.6	129
221	Microplastic in Aquatic Environments. , 2019, , 149-179.		1
222	Environmental occurrences, fate, and impacts of microplastics. Ecotoxicology and Environmental Safety, 2019, 184, 109612.	2.9	259
223	FTIR and Raman imaging for microplastics analysis: State of the art, challenges and prospects. TrAC - Trends in Analytical Chemistry, 2019, 119, 115629.	5.8	301

#	Article	IF	CITATIONS
224	Effects of microplastic particles and leaching additive on the life history and morphology of Daphnia magna. Environmental Pollution, 2019, 255, 113233.	3.7	138
225	Effects of micro-sized polyethylene spheres on the marine microalga Dunaliella salina: Focusing on the algal cell to plastic particle size ratio. Aquatic Toxicology, 2019, 216, 105296.	1.9	119
226	Global Review of Beach Debris Monitoring and Future Recommendations. Environmental Science & Environmental Science & Technology, 2019, 53, 12158-12167.	4.6	87
227	Identification of Microfibers in the Environment Using Multiple Lines of Evidence. Environmental Science & Environmental Scien	4.6	54
228	Coastal accumulation of microplastic particles emitted from the Po River, Northern Italy: Comparing remote sensing and hydrodynamic modelling with in situ sample collections. Marine Pollution Bulletin, 2019, 138, 561-574.	2.3	103
229	A catchmentâ€scale perspective of plastic pollution. Global Change Biology, 2019, 25, 1207-1221.	4.2	260
230	Microplastic pollution in estuaries across a gradient of human impact. Environmental Pollution, 2019, 247, 457-466.	3.7	139
231	A case study investigating temporal factors that influence microplastic concentration in streams under different treatment regimes. Environmental Science and Pollution Research, 2019, 26, 21797-21807.	2.7	29
232	River Deltas as hotspots of microplastic accumulation: The case study of the Ebro River (NW) Tj ETQqO 0 0 rgBT	/Oyerlock	10 ₁₉₄ 50 422
233	A machine learning algorithm for high throughput identification of FTIR spectra: Application on microplastics collected in the Mediterranean Sea. Chemosphere, 2019, 234, 242-251.	4.2	98
234	Associations between microplastic pollution and land use in urban wetland sediments. Environmental Science and Pollution Research, 2019, 26, 22551-22561.	2.7	94
235	Microplastic distribution in surface sediments along the Spanish Mediterranean continental shelf. Environmental Science and Pollution Research, 2019, 26, 21264-21273.	2.7	67
236	Biodegradation of oil-based plastics in the environment: Existing knowledge and needs of research and innovation. Science of the Total Environment, 2019, 679, 148-158.	3.9	143
237	Distribution, sedimentary record, and persistence of microplastics in the Pearl River catchment, China. Environmental Pollution, 2019, 251, 862-870.	3.7	181
238	Marine debris: A review of impacts and global initiatives. Waste Management and Research, 2019, 37, 987-1002.	2.2	96
239	Microplastic Pollution in Surface Water of Urban Lakes in Changsha, China. International Journal of Environmental Research and Public Health, 2019, 16, 1650.	1.2	83
240	Microplastic contamination in freshwater: first observation in Lake Ulansuhai, Yellow River Basin, China. Environmental Chemistry Letters, 2019, 17, 1821-1830.	8.3	85
241	Spatiotemporal distribution and annual load of microplastics in the Nakdong River, South Korea. Water Research, 2019, 160, 228-237.	5.3	335

#	Article	IF	CITATIONS
242	Climate Change and the Anthropocene. , 2019, , 200-241.		0
243	Microplastics in the surface seawaters of Chabahar Bay, Gulf of Oman (Makran Coasts). Marine Pollution Bulletin, 2019, 143, 125-133.	2.3	144
244	History and Development of the Anthropocene as a Stratigraphic Concept., 2019,, 1-40.		0
245	Stratigraphic Signatures of the Anthropocene. , 2019, , 41-108.		O
246	The Biostratigraphic Signature of the Anthropocene. , 2019, , 109-136.		1
247	The Stratigraphic Boundary of the Anthropocene. , 2019, , 242-286.		0
248	The Technosphere and Its Physical Stratigraphic Record. , 2019, , 137-155.		1
249	The why and how of micro(nano)plastic research. TrAC - Trends in Analytical Chemistry, 2019, 114, 196-201.	5.8	119
250	Microplastics in drinking water treatment $\hat{a}\in$ Current knowledge and research needs. Science of the Total Environment, 2019, 667, 730-740.	3.9	263
251	Microscopy and elemental analysis characterisation of microplastics in sediment of a freshwater urban river in Scotland, UK. Environmental Science and Pollution Research, 2019, 26, 12491-12504.	2.7	154
252	Distribution and composition of plastic debris along the river shore in the Selenga River basin in Mongolia. Environmental Science and Pollution Research, 2019, 26, 14059-14072.	2.7	57
253	Microplastic pollution in the rivers of the Tibet Plateau. Environmental Pollution, 2019, 249, 91-98.	3.7	345
254	Microplastics: Emerging Contaminants Requiring Multilevel Management., 2019,, 405-424.		2
255	Microplastics as Contaminant in Freshwater Ecosystem: A Modern Environmental Issue., 2019, , 1-24.		0
256	Microplastics in freshwater environment: the first evaluation in sediments from seven water streams surrounding the lagoon of Bizerte (Northern Tunisia). Environmental Science and Pollution Research, 2019, 26, 14673-14682.	2.7	87
257	Effect of microplastics exposure on the photosynthesis system of freshwater algae. Journal of Hazardous Materials, 2019, 374, 219-227.	6.5	246
258	Beached microplastics in the Northwestern Mediterranean Sea. Marine Pollution Bulletin, 2019, 142, 263-273.	2.3	85
259	Microplastics in a municipal wastewater treatment plant: Fate, dynamic distribution, removal efficiencies, and control strategies. Journal of Cleaner Production, 2019, 225, 579-586.	4.6	322

#	Article	IF	CITATIONS
260	Microplastic pollution in streams spanning an urbanisation gradient. Environmental Pollution, 2019, 250, 292-299.	3.7	141
261	Microplastic distribution in surface water and sediment river around slum and industrial area (case) Tj ETQq $1\ 1\ 0$.784314 r 4.2	gBT /Overlo
262	Microplastics in freshwaters and drinking water: Critical review and assessment of data quality. Water Research, 2019, 155, 410-422.	5.3	1,366
263	Anthropocene Chemostratigraphy. , 2019, , 156-199.		0
264	A temporal sediment record of microplastics in an urban lake, London, UK. Journal of Paleolimnology, 2019, 61, 449-462.	0.8	139
265	Collection of Anthropogenic Litter from the Shores of Lake Malawi: Characterization of Plastic Debris and the Implications of Public Involvement in the African Great Lakes. Toxics, 2019, 7, 64.	1.6	9
266	Review of Microplastic Pollution in the Environment and Emerging Recycling Solutions. Journal of Renewable Materials, 2019, 7, 1251-1268.	1.1	35
267	(Micro) plastic fluxes and stocks in Lake Geneva basin. TrAC - Trends in Analytical Chemistry, 2019, 112, 66-74.	5.8	72
268	Relevance of nano- and microplastics for freshwater ecosystems: A critical review. TrAC - Trends in Analytical Chemistry, 2019, 110, 375-392.	5.8	346
269	Preliminary study of the source apportionment and diversity of microplastics: Taking floating microplastics in the South China Sea as an example. Environmental Pollution, 2019, 245, 965-974.	3.7	219
270	Micro- (nano) plastics in freshwater ecosystems: Abundance, toxicological impact and quantification methodology. TrAC - Trends in Analytical Chemistry, 2019, 110, 116-128.	5.8	333
271	Microplastic abundance, distribution and composition in the Pearl River along Guangzhou city and Pearl River estuary, China. Chemosphere, 2019, 217, 879-886.	4.2	320
272	Distinctive impact of polystyrene nano-spherules as an emergent pollutant toward the environment. Environmental Science and Pollution Research, 2019, 26, 1537-1547.	2.7	32
273	Microplastic contamination in an urban estuary: Abundance and distribution of microplastics and fish larvae in the Douro estuary. Science of the Total Environment, 2019, 659, 1071-1081.	3.9	79
274	Transfer and fate of microplastics during the conventional activated sludge process in one wastewater treatment plant of China. Chemical Engineering Journal, 2019, 362, 176-182.	6.6	300
275	Development and testing of a fractionated filtration for sampling of microplastics in water. Water Research, 2019, 149, 650-658.	5.3	65
276	The fate of microplastics in an Italian Wastewater Treatment Plant. Science of the Total Environment, 2019, 652, 602-610.	3.9	388
277	First account of plastic pollution impacting freshwater fishes in the Amazon: Ingestion of plastic debris by piranhas and other serrasalmids with diverse feeding habits. Environmental Pollution, 2019, 244, 766-773.	3.7	122

#	Article	IF	CITATIONS
278	Microplastics in freshwater environments: A review of quantification assessment. TrAC - Trends in Analytical Chemistry, 2019, 113, 402-408.	5.8	127
280	Microplastics in drinking water: A review and assessment. Current Opinion in Environmental Science and Health, 2019, 7, 69-75.	2.1	166
281	Spatial distribution and source identification of hydrophobic organic compounds (HOCs) on sedimentary microplastic in Hong Kong. Chemosphere, 2019, 219, 418-426.	4.2	56
282	Microplastic abundance, distribution and composition in water, sediments, and wild fish from Poyang Lake, China. Ecotoxicology and Environmental Safety, 2019, 170, 180-187.	2.9	421
283	Polystyrene nanoplastic exposure induces immobilization, reproduction, and stress defense in the freshwater cladoceran Daphnia pulex. Chemosphere, 2019, 215, 74-81.	4.2	225
284	Microplastic contamination in gudgeons (Gobio gobio) from Flemish rivers (Belgium). Environmental Pollution, 2019, 244, 675-684.	3.7	95
285	Abundance, distribution patterns, and identification of microplastics in Brisbane River sediments, Australia. Science of the Total Environment, 2020, 700, 134467.	3.9	162
286	Superimposed microplastic pollution in a coastal metropolis. Water Research, 2020, 168, 115140.	5.3	124
287	Microplastic concentrations, size distribution, and polymer types in the surface waters of a northern European lake. Water Environment Research, 2020, 92, 149-156.	1.3	105
288	Seagrass beds acting as a trap of microplastics - Emerging hotspot in the coastal region?. Environmental Pollution, 2020, 257, 113450.	3.7	116
289	Neustonic microplastic pollution in the Persian Gulf. Marine Pollution Bulletin, 2020, 150, 110665.	2.3	93
290	Bioavailability and toxicity of microplastics to fish species: A review. Ecotoxicology and Environmental Safety, 2020, 189, 109913.	2.9	277
291	Microplastics in aquatic environments: Occurrence, accumulation, and biological effects. Science of the Total Environment, 2020, 703, 134699.	3.9	409
292	Holistic assessment of microplastics in various coastal environmental matrices, southwest coast of India. Science of the Total Environment, 2020, 703, 134947.	3.9	154
293	A Nationalâ€Scale Framework for Visualizing Riverine Concentrations of Microplastics Released from Municipal Wastewater Treatment Incorporating Generalized Instream Losses. Environmental Toxicology and Chemistry, 2020, 39, 210-219.	2.2	3
294	Occurrence, distribution and size relationships of plastic debris along shores and sediment of northern Lake Victoria. Environmental Pollution, 2020, 257, 113442.	3.7	57
295	Some reflections on water for residential uses in developed countries. International Journal of Water Resources Development, 2020, 36, 311-324.	1.2	10
296	The effect of urban point source contamination on microplastic levels in water and organisms in a coldâ€water stream. Limnology and Oceanography Letters, 2020, 5, 137-146.	1.6	35

#	ARTICLE	IF	Citations
297	Distribution and Characterization of Microplastics in Surface Waters and the Southern Caspian Sea Coasts Sediments. Archives of Environmental Contamination and Toxicology, 2020, 78, 86-93.	2.1	41
298	Distribution of microplastics in surface water of the lower Yellow River near estuary. Science of the Total Environment, 2020, 707, 135601.	3.9	233
299	A critical viewpoint on current issues, limitations, and future research needs on micro- and nanoplastic studies: From the detection to the toxicological assessment Environmental Research, 2020, 182, 109089.	3.7	90
300	Quantity of plastic waste input into the ocean from China based on a material flow analysis model. Anthropocene Coasts, 2020, 3, 1-5.	0.6	13
301	Microplastic pollution in the sediment of Jagir Estuary, Surabaya City, Indonesia. Marine Pollution Bulletin, 2020, 150, 110790.	2.3	87
302	Removal of micron-sized microplastic particles from simulated drinking water via alum coagulation. Chemical Engineering Journal, 2020, 386, 123807.	6.6	122
303	How climate change and eutrophication interact with microplastic pollution and sediment resuspension in shallow lakes: A review. Science of the Total Environment, 2020, 705, 135979.	3.9	113
304	Freshwater microplastics pollution: Detecting and visualizing emerging trends based on Citespace II. Chemosphere, 2020, 245, 125627.	4.2	112
305	Microplastics in the sediment of Lake Ulansuhai of Yellow River Basin, China. Water Environment Research, 2020, 92, 829-839.	1.3	29
306	Environmental forensic analysis of the microplastic pollution at "Nattika―Beach, Kerala Coast, India. Environmental Forensics, 2020, 21, 21-36.	1.3	30
307	Plastic debris in rivers. Wiley Interdisciplinary Reviews: Water, 2020, 7, e1398.	2.8	252
308	Occurrence of microplastics in the Han River and riverine fish in South Korea. Science of the Total Environment, 2020, 708, 134535.	3.9	170
309	Spatial-temporal distribution of microplastics in surface water and sediments of Maozhou River within Guangdong-Hong Kong-Macao Greater Bay Area. Science of the Total Environment, 2020, 717, 135187.	3.9	145
310	Assessment of microplastics in freshwater systems: A review. Science of the Total Environment, 2020, 707, 135578.	3.9	468
311	Comparison of the abundance of microplastics between rural and urban areas: A case study from East Dongting Lake. Chemosphere, 2020, 244, 125486.	4.2	108
312	Macroplastic pollution in freshwater environments: Focusing public and policy action. Science of the Total Environment, 2020, 704, 135242.	3.9	62
313	Microplastics and Nanoplastics in the Freshwater and Terrestrial Environment: A Review. Water (Switzerland), 2020, 12, 2633.	1.2	126
314	The Paleoecology of Microplastic Contamination. Frontiers in Environmental Science, 2020, 8, .	1.5	31

#	Article	IF	Citations
315	Microplastic abundance and accumulation behavior in Lake Onego sediments: a journey from the river mouth to pelagic waters of the large boreal lake. Journal of Environmental Chemical Engineering, 2020, 8, 104367.	3.3	36
316	Characteristics of microplastics in shoreline sediments from a tropical and urbanized beach (Da Nang,) Tj ETQq1	1 0.784314 2.3	l rgBT /Ove
317	Occurrence and distribution of microplastics in China's largest freshwater lake system. Chemosphere, 2020, 261, 128186.	4.2	72
318	Elucidating the vertical transport of microplastics in the water column: A review of sampling methodologies and distributions. Water Research, 2020, 186, 116403.	5.3	45
319	Lake Phytoplankton Assemblage Altered by Irregularly Shaped PLA Body Wash Microplastics but Not by PS Calibration Beads. Water (Switzerland), 2020, 12, 2650.	1.2	14
320	Intra-day microplastic variations in wastewater: A case study of a sewage treatment plant in Hong Kong. Marine Pollution Bulletin, 2020, 160, 111535.	2.3	39
321	Identification and distribution of microplastics in the sediments and surface waters of Anzali Wetland in the Southwest Caspian Sea, Northern Iran. Marine Pollution Bulletin, 2020, 160, 111541.	2.3	60
322	High prevalence of plastic ingestion by Eriocheir sinensis and Carcinus maenas (Crustacea: Decapoda:) Tj ETQq1	1 0.784314 3.7	1 rgBT /Ove
323	Toxicological effects induced on early life stages of zebrafish (Danio rerio) after an acute exposure to microplastics alone or co-exposed with copper. Chemosphere, 2020, 261, 127748.	4.2	72
324	Microplastics in wastewater treatment plants of Wuhan, Central China: Abundance, removal, and potential source in household wastewater. Science of the Total Environment, 2020, 745, 141026.	3.9	104
325	Sampling and Quality Assurance and Quality Control: A Guide for Scientists Investigating the Occurrence of Microplastics Across Matrices. Applied Spectroscopy, 2020, 74, 1099-1125.	1.2	191
326	Microplastics in Freshwater: What Is the News from the World?. Diversity, 2020, 12, 276.	0.7	97
327	The contamination of inland waters by microplastic fibres under different anthropogenic pressure: Preliminary study in Central Europe (Poland). Waste Management and Research, 2020, 38, 1231-1238.	2.2	23
328	Microplastic Concentrations in Raw and Drinking Water in the Sinos River, Southern Brazil. Water (Switzerland), 2020, 12, 3115.	1.2	33
329	Reaching New Heights in Plastic Pollutionâ€"Preliminary Findings of Microplastics on Mount Everest. One Earth, 2020, 3, 621-630.	3.6	310
330	Pre-oxidization-induced change of physicochemical characteristics and removal behaviours in conventional drinking water treatment processes for polyethylene microplastics. RSC Advances, 2020, 10, 41488-41494.	1.7	10
331	Transport of micro- and nanoplastics in the environment: Trojan-Horse effect for organic contaminants. Critical Reviews in Environmental Science and Technology, 2022, 52, 810-846.	6.6	45
332	Microplastics in Agricultural Soils. Handbook of Environmental Chemistry, 2020, , 63-76.	0.2	3

#	Article	IF	CITATIONS
333	Ingestion of Microplastic by Fish of Different Feeding Habits in Urbanized and Non-urbanized Streams in Southern Brazil. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	47
334	A Regional Difference Analysis of Microplastic Pollution in Global Freshwater Bodies Based on a Regression Model. Water (Switzerland), 2020, 12, 1889.	1.2	28
335	Stormwater Detention Reservoirs: An Opportunity for Monitoring and a Potential Site to Prevent the Spread of Urban Microplastics. Water (Switzerland), 2020, 12, 1994.	1.2	17
336	Introduction to the Analytical Methodologies for the Analysis of Microplastics. , 2020, , 1-31.		1
337	Spatial distribution of microplastics around an inhabited coral island in the Maldives, Indian Ocean. Science of the Total Environment, 2020, 748, 141263.	3.9	60
338	Anthropogenic litter in freshwater environments – Study on lake beaches evaluating marine guidelines and aerial imaging. Environmental Research, 2020, 189, 109945.	3.7	19
339	Airborne emissions of microplastic fibres from domestic laundry dryers. Science of the Total Environment, 2020, 747, 141175.	3.9	99
340	An end to the controversy over the microscopic detection and effects of pristine microplastics in fish organs. Scientific Reports, 2020, 10, 12434.	1.6	78
341	Mapping ecological impact of microplastics on freshwater habitat in the central region of Ghana: a case study of River Akora. Geo Journal, 2022, 87, 621-639.	1.7	13
342	Riverine microplastics: Behaviour, spatio-temporal variability, and recommendations for standardised sampling and monitoring. Journal of Water Process Engineering, 2020, 38, 101600.	2.6	61
343	Microplastic and Fibre Contamination in a Remote Mountain Lake in Switzerland. Water (Switzerland), 2020, 12, 2410.	1.2	45
344	Macroplastic Storage and Remobilization in Rivers. Water (Switzerland), 2020, 12, 2055.	1.2	73
345	Microplastics contamination in the soil from Urban Landfill site, Dhaka, Bangladesh. Heliyon, 2020, 6, e05572.	1.4	57
346	Trends in chemical pollution and ecological status of Lake Ziway, Ethiopia: a review focussing on nutrients, metals and pesticides. African Journal of Aquatic Science, 2020, 45, 386-400.	0.5	23
347	Plastics as a materials system in a circular economy. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190268.	1.6	76
348	The presence and significance of microplastics in surface water in the Lower Hudson River Estuary 2016–2019: A research note. Marine Pollution Bulletin, 2020, 161, 111702.	2.3	18
349	Dataset of quantification and classification of microplastics in Mexican sandy beaches. Data in Brief, 2020, 33, 106473.	0.5	5
350	A Critical Review of Extraction and Identification Methods of Microplastics in Wastewater and Drinking Water. Environmental Science & Environmental Sc	4.6	121

#	Article	IF	CITATIONS
351	Occurrence of Microplastic Pollution at Oyster Reefs and Other Coastal Sites in the Mississippi Sound, USA: Impacts of Freshwater Inflows from Flooding. Toxics, 2020, 8, 35.	1.6	87
352	Global distribution of microplastics and its impact on marine environment—a review. Environmental Science and Pollution Research, 2020, 27, 25970-25986.	2.7	184
353	Poly(L-Lactic Acid)-Based Microcapsule Containing Phase-Change Material: Influence of Polymer Shell on Particle Morphology. Fibers and Polymers, 2020, 21, 935-943.	1.1	8
354	Pump-underway ship intake: An unexploited opportunity for Marine Strategy Framework Directive (MSFD) microplastic monitoring needs on coastal and oceanic waters. PLoS ONE, 2020, 15, e0232744.	1.1	16
355	Assessment of Microplastic Pollution in a Crater Lake at High Altitude: a Case Study in an Urban Crater Lake in Erzurum, Turkey. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	18
356	Microplastic pollution in surface water of Lake Victoria. Science of the Total Environment, 2020, 741, 140201.	3.9	130
357	Microplastics as contaminants in freshwater environments: A multidisciplinary review. Ecohydrology and Hydrobiology, 2020, 20, 333-345.	1.0	50
358	Why is there plastic packaging in the natural environment? Understanding the roots of our individual plastic waste management behaviours. Science of the Total Environment, 2020, 740, 139985.	3.9	80
359	Bacterial community colonization on tire microplastics in typical urban water environments and associated impacting factors. Environmental Pollution, 2020, 265, 114922.	3.7	58
360	Are we underestimating the sources of microplastic pollution in terrestrial environment?. Journal of Hazardous Materials, 2020, 400, 123228.	6.5	260
361	Characteristics and Sinking Behavior of Typical Microplastics Including the Potential Effect of Biofouling: Implications for Remediation. Environmental Science & Environmental Effect of Bioford Environmental Environmental Effect of Bioford Environmental Environmental Effect of Bioford Environmental Effect of Bioford Environmental Environmental Effect of Bioford Environmental Envi	4.6	139
362	Size-dependent cellular internalization and effects of polystyrene microplastics in microalgae P. helgolandica var. tsingtaoensis and S. quadricauda. Journal of Hazardous Materials, 2020, 399, 123092.	6.5	88
363	Distribution and characteristics of microplastics in the Yulin River, China: Role of environmental and spatial factors. Environmental Pollution, 2020, 265, 115033.	3.7	71
364	London's river of plastic: High levels of microplastics in the Thames water column. Science of the Total Environment, 2020, 740, 140018.	3.9	64
365	The first report on the source-to-sink characterization of microplastic pollution from a riverine environment in tropical India. Science of the Total Environment, 2020, 739, 140377.	3.9	168
366	Simple Generation of Suspensible Secondary Microplastic Reference Particles via Ultrasound Treatment. Frontiers in Chemistry, 2020, 8, 169.	1.8	53
367	Perspectives and challenges of micro/nanoplasticsâ€induced toxicity with special reference to phytotoxicity. Global Change Biology, 2020, 26, 3241-3250.	4.2	88
368	Microplastics. , 2020, , 223-249.		16

#	Article	IF	Citations
369	Do whitefish (Coregonus lavaretus) larvae show adaptive variation in the avoidance of microplastic ingestion?. Environmental Pollution, 2020, 262, 114353.	3.7	18
370	Fibers spreading worldwide: Microplastics and other anthropogenic litter in an Arctic freshwater lake. Science of the Total Environment, 2020, 722, 137904.	3.9	119
371	â€~The Plastic Nile': First Evidence of Microplastic Contamination in Fish from the Nile River (Cairo,) Tj ETQq0	0 OrgBT /	Overlock 10
372	An unintended challenge of microplastic pollution in the urban surface water system of Lahore, Pakistan. Environmental Science and Pollution Research, 2020, 27, 16718-16730.	2.7	55
373	Recycling of European plastic is a pathway for plastic debris in the ocean. Environment International, 2020, 142, 105893.	4.8	83
374	Microplastics in the environment: Interactions with microbes and chemical contaminants. Science of the Total Environment, 2020, 743, 140518.	3.9	229
375	Microplastics in Freshwater Ecosystems. , 2020, , 1-19.		4
376	Freshwater insects of different feeding guilds ingest microplastics in two Gulf of Guinea tributaries in Nigeria. Environmental Science and Pollution Research, 2020, 27, 33373-33379.	2.7	60
377	The sorption behaviour of amine micropollutants on polyethylene microplastics – impact of aging and interactions with green seaweed. Environmental Sciences: Processes and Impacts, 2020, 22, 1678-1687.	1.7	14
378	The density of microplastic in sea cucumber (Holothuria sp.) and sediment at Tidung Besar and Bira Besar island, Jakarta. Journal of Physics: Conference Series, 2020, 1524, 012064.	0.3	7
379	Distribution, abundance and risks of microplastics in the environment. Chemosphere, 2020, 249, 126059.	4.2	117
380	Microplastic accumulation in benthic invertebrates in Terra Nova Bay (Ross Sea, Antarctica). Environment International, 2020, 137, 105587.	4.8	140
381	Singleâ€Pot Method for the Collection and Preparation of Natural Water for Microplastic Analyses: Microplastics in the Mississippi River System during and after Historic Flooding. Environmental Toxicology and Chemistry, 2020, 39, 986-995.	2.2	47
382	Plastics and biodegradable plastics: ecotoxicity comparison between polyvinylchloride and Mater-Bi \hat{A}^{\otimes} micro-debris in a freshwater biological model. Science of the Total Environment, 2020, 720, 137602.	3.9	41
383	Microplastic prevalence in two fish species in two U.S. reservoirs. Limnology and Oceanography Letters, 2020, 5, 147-153.	1.6	63
384	Microplastics in Urban Environments: Sources, Pathways, and Distribution. Handbook of Environmental Chemistry, 2020, , 41-61.	0.2	23
386	Plastic driven pollution in Pakistan: the first evidence of environmental exposure to microplastic in sediments and water of Rawal Lake. Environmental Science and Pollution Research, 2020, 27, 15083-15092.	2.7	92
387	Heavy metals contamination of sedimentary microplastics in Hong Kong. Marine Pollution Bulletin, 2020, 153, 110977.	2.3	81

#	Article	IF	CITATIONS
388	Occurrence and characteristics of microplastics in the Haihe River: An investigation of a seagoing river flowing through a megacity in northern China. Environmental Pollution, 2020, 262, 114261.	3.7	96
389	Microplastics in the freshwater and terrestrial environments: Prevalence, fates, impacts and sustainable solutions. Science of the Total Environment, 2020, 719, 137512.	3.9	341
390	Plastics in municipal drinking water and wastewater treatment plant effluents: challenges and opportunities for South Africa—a review. Environmental Science and Pollution Research, 2020, 27, 12953-12966.	2.7	29
391	Occurrence, Fate and Fluxes of Plastics and Microplastics in Terrestrial and Freshwater Ecosystems. Reviews of Environmental Contamination and Toxicology, 2020, 250, 1-43.	0.7	19
392	High levels of pelagic plastic pollution within the surface waters of Lakes Erie and Ontario. Journal of Great Lakes Research, 2020, 46, 277-288.	0.8	39
393	Impacts of Typhoon Mangkhut in 2018 on the deposition of marine debris and microplastics on beaches in Hong Kong. Science of the Total Environment, 2020, 716, 137172.	3.9	58
394	Plastic abundance and seasonal variation on the shorelines of three volcanic lakes in Central Italy: can amphipods help detect contamination?. Environmental Science and Pollution Research, 2020, 27, 14711-14722.	2.7	33
395	Microplastics in Mexican beaches. Resources, Conservation and Recycling, 2020, 155, 104633.	5.3	62
396	Microplastics in Freshwater Environments. , 2020, , 325-353.		1
397	Microplastic pollution of the Tamsui River and its tributaries in northern Taiwan: Spatial heterogeneity and correlation with precipitation. Environmental Pollution, 2020, 260, 113935.	3.7	105
397 398		3.7	105 27
	heterogeneity and correlation with precipitation. Environmental Pollution, 2020, 260, 113935. Microplastics integrating the zooplanktonic fraction in a saline lake of Argentina: influence of water		
398	heterogeneity and correlation with precipitation. Environmental Pollution, 2020, 260, 113935. Microplastics integrating the zooplanktonic fraction in a saline lake of Argentina: influence of water management. Environmental Monitoring and Assessment, 2020, 192, 117. The flowing of microplastics was accelerated under the influence of artificial flood generated by	1.3	27
398 399	heterogeneity and correlation with precipitation. Environmental Pollution, 2020, 260, 113935. Microplastics integrating the zooplanktonic fraction in a saline lake of Argentina: influence of water management. Environmental Monitoring and Assessment, 2020, 192, 117. The flowing of microplastics was accelerated under the influence of artificial flood generated by hydropower station. Journal of Cleaner Production, 2020, 255, 120174. Estimation of plastic waste inputs from land into the Caspian Sea: A significant unseen marine	1.3 4.6	27
398 399 400	Microplastics integrating the zooplanktonic fraction in a saline lake of Argentina: influence of water management. Environmental Monitoring and Assessment, 2020, 192, 117. The flowing of microplastics was accelerated under the influence of artificial flood generated by hydropower station. Journal of Cleaner Production, 2020, 255, 120174. Estimation of plastic waste inputs from land into the Caspian Sea: A significant unseen marine pollution. Marine Pollution Bulletin, 2020, 151, 110871. Microplastic ingestion by quagga mussels, Dreissena bugensis, and its effects on physiological	1.3 4.6 2.3	27 16 51
398 399 400 401	heterogeneity and correlation with precipitation. Environmental Pollution, 2020, 260, 113935. Microplastics integrating the zooplanktonic fraction in a saline lake of Argentina: influence of water management. Environmental Monitoring and Assessment, 2020, 192, 117. The flowing of microplastics was accelerated under the influence of artificial flood generated by hydropower station. Journal of Cleaner Production, 2020, 255, 120174. Estimation of plastic waste inputs from land into the Caspian Sea: A significant unseen marine pollution. Marine Pollution Bulletin, 2020, 151, 110871. Microplastic ingestion by quagga mussels, Dreissena bugensis, and its effects on physiological processes. Environmental Pollution, 2020, 260, 113964. Bottle or tap? Toward an integrated approach to water type consumption. Water Research, 2020, 173,	1.3 4.6 2.3 3.7	27 16 51 72
398 399 400 401 402	heterogeneity and correlation with precipitation. Environmental Pollution, 2020, 260, 113935. Microplastics integrating the zooplanktonic fraction in a saline lake of Argentina: influence of water management. Environmental Monitoring and Assessment, 2020, 192, 117. The flowing of microplastics was accelerated under the influence of artificial flood generated by hydropower station. Journal of Cleaner Production, 2020, 255, 120174. Estimation of plastic waste inputs from land into the Caspian Sea: A significant unseen marine pollution. Marine Pollution Bulletin, 2020, 151, 110871. Microplastic ingestion by quagga mussels, Dreissena bugensis, and its effects on physiological processes. Environmental Pollution, 2020, 260, 113964. Bottle or tap? Toward an integrated approach to water type consumption. Water Research, 2020, 173, 115578. Finding Microplastics in Soils: A Review of Analytical Methods. Environmental Science & Camp;	1.3 4.6 2.3 3.7 5.3	27 16 51 72 32

#	Article	IF	CITATIONS
406	A New Contaminant Superhighway? A Review of Sources, Measurement Techniques and Fate of Atmospheric Microplastics. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	88
407	The geography and geology of plastics. , 2020, , 33-63.		10
408	Plastic waste in the terrestrial environment. , 2020, , 163-193.		20
409	Removal of microplastics via drinking water treatment: Current knowledge and future directions. Chemosphere, 2020, 251, 126612.	4.2	211
410	Distribution of microplastics in Surabaya River, Indonesia. Science of the Total Environment, 2020, 726, 138560.	3.9	66
411	First evidence of microplastics bioaccumulation by marine organisms in the Port Blair Bay, Andaman Islands. Marine Pollution Bulletin, 2020, 155, 111163.	2.3	98
412	Microplastic Contamination in Freshwater Environments: A Review, Focusing on Interactions with Sediments and Benthic Organisms. Environments - MDPI, 2020, 7, 30.	1.5	202
413	Plastic Debris in the Marine Environment: History and Future Challenges. Global Challenges, 2020, 4, 1900081.	1.8	139
414	Toxicological effects of nano- and micro-polystyrene plastics on red tilapia: Are larger plastic particles more harmless?. Journal of Hazardous Materials, 2020, 396, 122693.	6.5	137
415	Sources of Microplastic in the Environment. Handbook of Environmental Chemistry, 2020, , 143-159.	0.2	53
416	Limited long-distance transport of plastic pollution by the Orange-Vaal River system, South Africa. Science of the Total Environment, 2020, 727, 138653.	3.9	62
417	Riverine plastic pollution from fisheries: Insights from the Ganges River system. Science of the Total Environment, 2021, 756, 143305.	3.9	59
418	From the coast to the shelf: Microplastics in RÃas Baixas and Miñ0 River shelf sediments (NW Spain). Marine Pollution Bulletin, 2021, 162, 111814.	2.3	20
419	Microplastic pollution and ecological risk assessment in an estuarine environment: The Dongshan Bay of China. Chemosphere, 2021, 262, 127876.	4.2	129
420	Microplastics as an emerging threat to the freshwater ecosystems of Veeranam lake in south India: A multidimensional approach. Chemosphere, 2021, 264, 128502.	4.2	80
421	Microplastics in freshwater and wild fishes from Lijiang River in Guangxi, Southwest China. Science of the Total Environment, 2021, 755, 142428.	3.9	73
422	Effects of anthropogenic discharge and hydraulic deposition on the distribution and accumulation of microplastics in surface sediments of a typical seagoing river: The Haihe River. Journal of Hazardous Materials, 2021, 404, 124180.	6.5	57
423	Microplastics in the environment: Occurrence, perils, and eradication. Chemical Engineering Journal, 2021, 408, 127317.	6.6	137

#	Article	IF	Citations
424	Acute growth inhibition & Experimental Safety, 2021, 207, 111153.	2.9	19
425	Microplastics physicochemical properties, specific adsorption modeling and their interaction with pharmaceuticals and other emerging contaminants. Science of the Total Environment, 2021, 753, 141981.	3.9	83
426	Microplastics in African ecosystems: Current knowledge, abundance, associated contaminants, techniques, and research needs. Science of the Total Environment, 2021, 755, 142422.	3.9	94
427	Breeding seabirds as vectors of microplastics from sea to land: Evidence from colonies in Arctic Canada. Science of the Total Environment, 2021, 764, 142808.	3.9	57
428	The diverse metal composition of plastic items and its implications. Science of the Total Environment, 2021, 764, 142870.	3.9	22
429	A systematic review of the literature on plastic pollution in the Laurentian Great Lakes and its effects on freshwater biota. Journal of Great Lakes Research, 2021, 47, 120-133.	0.8	29
430	Recommended best practices for collecting, analyzing, and reporting microplastics in environmental media: Lessons learned from comprehensive monitoring of San Francisco Bay. Journal of Hazardous Materials, 2021, 409, 124770.	6.5	92
431	Baseline assessment of microplastic concentrations in marine and freshwater environments of a developing Southeast Asian country, Viet Nam. Marine Pollution Bulletin, 2021, 162, 111870.	2.3	57
432	Filling in the knowledge gap: Observing MacroPlastic litter in South Africa's rivers. Marine Pollution Bulletin, 2021, 162, 111876.	2.3	14
433	A comparison of microplastic contamination in freshwater fish from natural and farmed sources. Environmental Science and Pollution Research, 2021, 28, 14488-14497.	2.7	43
434	The occurrence and abundance of microplastics in surface water and sediment of the West River downstream, in the south of China. Science of the Total Environment, 2021, 756, 143857.	3.9	102
435	Early and differential bacterial colonization on microplastics deployed into the effluents of wastewater treatment plants. Science of the Total Environment, 2021, 757, 143832.	3.9	60
436	Environmental prevalence, fate, impacts, and mitigation of microplasticsâ€"a critical review on present understanding and future research scope. Environmental Science and Pollution Research, 2021, 28, 4951-4974.	2.7	35
437	The combined exposure of microplastics and toxic contaminants in the floodplains of north India: A review. Journal of Environmental Management, 2021, 279, 111557.	3.8	17
438	First evidence of microplastic contamination in the freshwater of Lake GuaÃba, Porto Alegre, Brazil. Science of the Total Environment, 2021, 759, 143503.	3.9	104
439	Microparticle filtration ability of pervious concrete mixed with recycled synthetic fibers. Construction and Building Materials, 2021, 270, 121807.	3.2	5
440	Microplastic footprints in the Qinghai-Tibet Plateau and their implications to the Yangtze River Basin. Journal of Hazardous Materials, 2021, 407, 124776.	6.5	49
441	Scientific studies on microplastics pollution in Iran: An in-depth review of the published articles. Marine Pollution Bulletin, 2021, 162, 111901.	2.3	32

#	Article	IF	CITATIONS
442	Why analysing microplastics in floodplains matters: application in a sedimentary context. Environmental Sciences: Processes and Impacts, 2021, 23, 117-131.	1.7	25
443	Environmental source, fate, and toxicity of microplastics. Journal of Hazardous Materials, 2021, 407, 124357.	6.5	414
444	The difference of aggregation mechanism between microplastics and nanoplastics: Role of Brownian motion and structural layer force. Environmental Pollution, 2021, 268, 115942.	3.7	49
445	Occurrence and transport of microplastics sampled within and above the planetary boundary layer. Science of the Total Environment, 2021, 761, 143213.	3.9	98
446	Atmospheric deposition of microplastics in the coastal zone: Characteristics and relationship with meteorological factors. Science of the Total Environment, 2021, 761, 143272.	3.9	124
447	Preferential transport of microplastics by wind. Atmospheric Environment, 2021, 245, 118038.	1.9	115
448	Recent Developments in Extraction, Identification, and Quantification of Microplastics from Agricultural Soil and Groundwater. Microorganisms for Sustainability, 2021, , 125-143.	0.4	2
449	Microplastics in freshwater sediment: A review on methods, occurrence, and sources. Science of the Total Environment, 2021, 754, 141948.	3.9	245
450	Freshwater Microplastic Pollution: The State of Knowledge and Research. Handbook of Environmental Chemistry, 2021, , 255-272.	0.2	4
451	FTIR and SEM Study on the Degradation of Microplastics. , 2021, , 539-546.		0
452	Microplastic Pollution in Water. Environmental Chemistry for A Sustainable World, 2021, , 1-44.	0.3	0
453	Environmental fate and impacts of microplastics in aquatic ecosystems: a review. RSC Advances, 2021, 11, 15762-15784.	1.7	84
454	Contamination of microplastics in Brantas River, East Java, Indonesia and its distribution in gills and digestive tracts of fish Gambusia affinis. Emerging Contaminants, 2021, 7, 172-178.	2.2	16
455	Coarse-grained molecular dynamics simulations of nanoplastics interacting with a hydrophobic environment in aqueous solution. RSC Advances, 2021, 11, 27734-27744.	1.7	4
456	Characterization of microplastics and anthropogenic fibers in surface waters of the North Saskatchewan River, Alberta, Canada. Facets, 2021, 6, 26-43.	1.1	32
457	Microplastics in aquatic and terrestrial environment. , 2021, , 11-29.		0
458	The Plastic Cycle – An Unknown Branch of the Carbon Cycle. Frontiers in Marine Science, 2021, 7, .	1.2	35
459	Microplastics as a potential risk for aquatic environment organisms – a review. Acta Veterinaria Brno, 2021, 90, 99-107.	0.2	13

#	Article	IF	CITATIONS
460	Effects of Microplastics in the Cryosphere. , 2021, , 1-46.		2
461	Microplastics as an Emerging Contaminant in Environment: Occurrence, Distribution, and Management Strategy., 2021,, 281-299.		6
462	Current State of Microplastics Research in SAARC Countries—A Review. Sustainable Textiles, 2021, , 27-63.	0.4	4
463	Analysis of the polyester clothing value chain to identify key intervention points for sustainability. Environmental Sciences Europe, 2021, 33, 2.	2.6	90
464	Emerging Contaminants: Analysis, Aquatic Compartments and Water Pollution. Environmental Chemistry for A Sustainable World, 2021, , 1-111.	0.3	3
465	Microplastics in the Freshwater Environment. , 2022, , 260-271.		2
466	Plastic Pollution of the Coastal Surface Water in the Middle and Southern Baikal. Water Resources, 2021, 48, 56-64.	0.3	12
467	Effects of Microplastics in the Cryosphere. , 2021, , 1-46.		0
468	A Possible Threat to the Fish Biodiversity in the Southern Marshes of Iraq: A Mini-Review. Coastal Research Library, 2021, , 439-447.	0.2	0
469	Microplastics in Freshwater Environments and Implications for Aquatic Ecosystems: A Mini Review and Future Directions in Ghana. Journal of Geoscience and Environment Protection, 2021, 09, 58-74.	0.2	5
470	Microfibers from synthetic textiles as a major source of microplastics in the environment: A review. Textile Reseach Journal, 2021, 91, 2136-2156.	1.1	99
471	Microplastics Environmental Effect and Risk Assessment on the Aquaculture Systems from South China. International Journal of Environmental Research and Public Health, 2021, 18, 1869.	1.2	24
472	Microplastic Distribution in Soils from the Typical Sparsely Populated Area, Northwest China. IOP Conference Series: Earth and Environmental Science, 2021, 668, 012026.	0.2	1
473	Is cell culture a suitable tool for the evaluation of micro- and nanoplastics ecotoxicity?. Ecotoxicology, 2021, 30, 421-430.	1.1	16
474	Coral annual growth band impregnated microplastics (Porites sp.): a first investigation report. Wetlands Ecology and Management, 2021, 29, 677-687.	0.7	10
475	Heteroaggregates of Polystyrene Nanospheres and Organic Matter: Preparation, Characterization and Evaluation of Their Toxicity to Algae in Environmentally Relevant Conditions. Nanomaterials, 2021, 11, 482.	1.9	15
476	Quantitative and qualitative determination of microplastics in oyster, seawater and sediment from the coastal areas in Zhuhai, China. Marine Pollution Bulletin, 2021, 164, 112000.	2.3	54
477	Occurrence, fate and removal of microplastics as heavy metal vector in natural wastewater treatment wetland system. Water Research, 2021, 192, 116853.	5.3	146

#	Article	IF	Citations
478	Bisphenol A and its analogues in sedimentary microplastics of Hong Kong. Marine Pollution Bulletin, 2021, 164, 112090.	2.3	17
479	Effects of urbanisation and a wastewater treatment plant on microplastic densities along a subtropical river system. Environmental Science and Pollution Research, 2021, 28, 36102-36111.	2.7	28
480	Exposure of Human Lung Cells to Polystyrene Microplastics Significantly Retards Cell Proliferation and Triggers Morphological Changes. Chemical Research in Toxicology, 2021, 34, 1069-1081.	1.7	117
481	Effect of microplastics in water and aquatic systems. Environmental Science and Pollution Research, 2021, 28, 19544-19562.	2.7	307
482	Research progress on distribution, sources, identification, toxicity, and biodegradation of microplastics in the ocean, freshwater, and soil environment. Frontiers of Environmental Science and Engineering, 2022, 16, 1.	3.3	74
483	Evidence of microplastics in wetlands: Extraction and quantification in Freshwater and coastal ecosystems. Journal of Water Process Engineering, 2021, 40, 101966.	2.6	68
484	Source, distribution and emerging threat of micro- and nanoplastics to marine organism and human health: Socio-economic impact and management strategies. Environmental Research, 2021, 195, 110857.	3.7	79
485	Sediment trapping – An attempt to monitor temporal variation of microplastic flux rates in aquatic systems. Environmental Pollution, 2021, 274, 116568.	3.7	17
486	Microplastics in the Aquatic Environment: Occurrence, Persistence, Analysis, and Human Exposure. Water (Switzerland), 2021, 13, 973.	1.2	56
487	The abundance and characteristics of microplastics in surface water in the transboundary Ganges River. Environmental Pollution, 2021, 274, 116348.	3.7	181
488	Existence of Microplastic as Pollutant in Harike Wetland: An Analysis of Plastic Composition and First Report on Ramsar Wetland of India. Current World Environment Journal, 2021, 16, 123-133.	0.2	10
489	Presence of microplastics in drinking water from freshwater sources: the investigation in Changsha, China. Environmental Science and Pollution Research, 2021, 28, 42313-42324.	2.7	61
490	Microplastic pollution in Surabaya River Water and Aquatic Biota, Indonesia. IOP Conference Series: Materials Science and Engineering, 2021, 1143, 012054.	0.3	10
491	Microplastics contamination in the surface water of the Yangtze River from upstream to estuary based on different sampling methods. Environmental Research, 2021, 196, 110908.	3.7	60
492	Microplastic pollution in African countries' water systems: a review on findings, applied methods, characteristics, impacts, and managements. SN Applied Sciences, 2021, 3, 629.	1.5	32
493	Natural Cornstalk Pith as an Effective Energy Absorbing Cellular Material. Journal of Bionic Engineering, 2021, 18, 600-610.	2.7	5
494	Microplastic sampling techniques in freshwaters and sediments: a review. Environmental Chemistry Letters, 2021, 19, 4225-4252.	8.3	67
495	An insight into different microplastic detection methods. International Journal of Environmental Science and Technology, 2022, 19, 5721-5730.	1.8	34

#	Article	IF	CITATIONS
496	Transcriptome sequencing and metabolite analysis reveal the toxic effects of nanoplastics on tilapia after exposure to polystyrene. Environmental Pollution, 2021, 277, 116860.	3.7	32
497	A Preliminary Study on Microplastic Occurrences in Surface Waters of Ousudu Lake, Pondicherry, India International Journal of Civil Environmental and Agricultural Engineering, 0, , 35-48.	0.2	1
498	Characteristics and Seasonal Distribution of Microplastics in the Surface Waters of Southwest Coast of the Caspian Sea (Guilan Province, Iran). Bulletin of Environmental Contamination and Toxicology, 2021, 107, 671-676.	1.3	12
499	Sources, Fate, and Impact of Microplastics in Aquatic Environment. , 0, , .		3
500	The pathways of microplastics contamination in raw and drinking water. Journal of Water Process Engineering, 2021, 41, 102073.	2.6	10
501	Microplastics in the Aquatic Environmentâ€"The Occurrence, Sources, Ecological Impacts, Fate, and Remediation Challenges. Pollutants, 2021, 1, 95-118.	1.0	27
502	Microplastics in fisheries and aquaculture: implications to food sustainability and safety. Current Opinion in Green and Sustainable Chemistry, 2021, 29, 100464.	3.2	27
503	Microplastic particles in the aquatic environment: A systematic review. Science of the Total Environment, 2021, 775, 145793.	3.9	101
504	Presence and Quantification of Microplastic in Urban Tap Water: A Pre-Screening in Brasilia, Brazil. Sustainability, 2021, 13, 6404.	1.6	21
505	Current Progress on Marine Microplastics Pollution Research: A Review on Pollution Occurrence, Detection, and Environmental Effects. Water (Switzerland), 2021, 13, 1713.	1.2	13
506	Microplastics remediation in aqueous systems: Strategies and technologies. Water Research, 2021, 198, 117144.	5.3	84
507	Plastic Pollution Research in Indonesia: State of Science and Future Research Directions to Reduce Impacts. Frontiers in Environmental Science, 2021, 9, .	1.5	35
508	Accumulation and potential for transport of microplastics in stormwater drains into marine environments, Perth region, Western Australia. Marine Pollution Bulletin, 2021, 168, 112362.	2.3	34
509	Microplastics and Their Effect in Horticultural Crops: Food Safety and Plant Stress. Agronomy, 2021, 11, 1528.	1.3	14
510	Treatment processes for microplastics and nanoplastics in waters: State-of-the-art review. Marine Pollution Bulletin, 2021, 168, 112374.	2.3	45
511	Highlights from a review of microplastics in marine sediments. Science of the Total Environment, 2021, 777, 146225.	3.9	45
512	Ecotoxicological and physiological risks of microplastics on fish and their possible mitigation measures. Science of the Total Environment, 2021, 779, 146433.	3.9	91
513	Microplastics in fresh and processed mussels sampled from fish shops and large retail chains in Italy. Food Control, 2021, 125, 108003.	2.8	51

#	Article	IF	CITATIONS
514	Characteristics and distribution of microplastics in the surface water of the Songhua River in China. Environmental Science and Pollution Research, 2021, 28, 64268-64277.	2.7	4
515	Are microplastics destabilizing the global network of terrestrial and aquatic ecosystem services?. Environmental Research, 2021, 198, 111243.	3.7	77
516	Insights into the horizontal and vertical profiles of microplastics in a river emptying into the sea affected by intensive anthropogenic activities in Northern China. Science of the Total Environment, 2021, 779, 146589.	3.9	39
517	High levels of microplastic ingestion by commercial, planktivorous <i>Alburnus tarichi</i> in Lake Van, Turkey. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2021, 38, 1767-1777.	1.1	13
518	Microplastics pollution in the sediments of creeks and estuaries of Kenya, western Indian Ocean. African Journal of Marine Science, 2021, 43, 337-352.	0.4	10
519	Freshwater wild biota exposure to microplastics: A global perspective. Ecology and Evolution, 2021, 11, 9904-9916.	0.8	17
520	Characterization and distribution of microplastics in estuarine surface sediments, Kayamkulam estuary, southwest coast of India. Marine Pollution Bulletin, 2021, 168, 112389.	2.3	38
521	Microplastics particle size affects cloth filter performance. Journal of Water Process Engineering, 2021, 42, 102166.	2.6	5
522	The seasonal distribution characteristics of microplastics on bathing beaches along the coast of Qingdao, China. Science of the Total Environment, 2021, 783, 146969.	3.9	44
523	Quality of nanoplastics and microplastics ecotoxicity studies: Refining quality criteria for nanomaterial studies. Journal of Hazardous Materials, 2021, 415, 125751.	6.5	44
524	Microplastic Pollution in the Surface Waters from Plain and Mountainous Lakes in Siberia, Russia. Water (Switzerland), 2021, 13, 2287.	1.2	20
525	Micro and Macroplastics Analysis in the Digestive Tract of a Sea Cucumber (Holothuriidae,) Tj ETQq1 1 0.784314	rgBT /Ove	erlgck 10 Ti
526	Long-term adverse effects of microplastics on Daphnia magna reproduction and population growth rate at increased water temperature and light intensity: Combined effects of stressors and interactions. Science of the Total Environment, 2021, 784, 147082.	3.9	50
527	Investigating factors influencing tourists' environmentally responsible behavior with extended theory of planned behavior for coastal tourism in Thailand. Marine Pollution Bulletin, 2021, 169, 112507.	2.3	34
528	Paint particles in the marine environment: An overlooked component of microplastics. Water Research X, 2021, 12, 100110.	2.8	59
529	A systematic review of freshwater microplastics in water and sediments: Recommendations for harmonisation to enhance future study comparisons. Science of the Total Environment, 2021, 781, 146693.	3.9	111
530	Nano/micro plastics â€" Challenges on quantification and remediation: A review. Journal of Water Process Engineering, 2021, 42, 102128.	2.6	28
531	Microplastic pollution in freshwater systems in Southeast Asia: contamination levels, sources, and ecological impacts. Environmental Science and Pollution Research, 2021, 28, 54222-54237.	2.7	21

#	Article	IF	CITATIONS
532	Evaluation of Microplastics in the Surface Water, Sediment and Fish of $S\tilde{A}^{1}/4rg\tilde{A}^{1}/4$ Dam Reservoir (Malatya) in Turkey. Turkish Journal of Fisheries and Aquatic Sciences, 2021, 22, .	0.4	11
533	Examining the dependence of macroplastic fragmentation on coastal processes (Chesapeake Bay,) Tj ETQq $1\ 1$	0.784314 r 2.3	gBŢ/Overloc
534	Distribution and transport of microplastic and fine particulate organic matter in urban streams. Ecological Applications, 2021, 31, e02429.	1.8	9
535	Household indoor microplastics within the Humber region (United Kingdom): Quantification and chemical characterisation of particles present. Atmospheric Environment, 2021, 259, 118512.	1.9	51
536	Preliminary Study on Abundance of Microplastic in Sediments and Water Samples Along the Coast of Pakistan (Sindh and Balochistan)-Northern Arabian Sea. Turkish Journal of Fisheries and Aquatic Sciences, 2021, 22, .	0.4	9
537	The input–output balance of microplastics derived from coated fertilizer in paddy fields and the timing of their discharge during the irrigation season. Chemosphere, 2021, 279, 130574.	4.2	24
538	Removal characteristics and mechanism of microplastics and tetracycline composite pollutants by coagulation process. Science of the Total Environment, 2021, 786, 147508.	3.9	67
539	Microplastics' origin, distribution, and rising hazard to aquatic organisms and human health: Socio-economic insinuations and management solutions. Regional Studies in Marine Science, 2021, 48, 102018.	0.4	16
540	Microplastics-Induced Eryptosis and Poikilocytosis in Early-Juvenile Nile Tilapia (Oreochromis) Tj ETQq0 0 0 rgBT	Overlock	10 Tf 50 422
541	Impacts of Plastic Pollution on Ecosystem Services, Sustainable Development Goals, and Need to Focus on Circular Economy and Policy Interventions. Sustainability, 2021, 13, 9963.	1.6	247
542	Highly Reinforced Poly(lactic acid) Foam Fabricated by Formation of a Heat-Resistant Oriented Stereocomplex Crystalline Structure. ACS Sustainable Chemistry and Engineering, 2021, 9, 12674-12686.	3.2	18
543	Microplastic pollution of worldwide lakes. Environmental Pollution, 2021, 284, 117075.	3.7	126
544	What You Net Depends on if You Grab: A Meta-analysis of Sampling Method's Impact on Measured Aquatic Microplastic Concentration. Environmental Science & Environmental Science & 2021, 55, 12930-12942.	4.6	6
545	Microplastics Occurrence in Surface Waters and Sediments in Five River Mouths of Manila Bay. Frontiers in Environmental Science, 2021, 9, .	1.5	36
546	Environmental impacts of microplastics on fishery products: An overview. Gondwana Research, 2022, 108, 213-220.	3.0	15
547	Spatial characteristics of microplastics in the high-altitude area on the Tibetan Plateau. Journal of Hazardous Materials, 2021, 417, 126034.	6.5	44
548	Assessment of microplastics in oysters in coastal areas of Taiwan. Environmental Pollution, 2021, 286, 117437.	3.7	26
549	Smoked cigarette butts: Unignorable source for environmental microplastic fibers. Science of the Total Environment, 2021, 791, 148384.	3.9	40

#	Article	IF	CITATIONS
550	Is the weight of plastic litter correlated with vegetal wrack? A case study from a Central Italian beach. Marine Pollution Bulletin, 2021, 171, 112794.	2.3	24
551	Towards more ecologically relevant investigations of the impacts of microplastic pollution in freshwater ecosystems. Science of the Total Environment, 2021, 792, 148507.	3.9	35
552	Macroplastics contamination on glaciers from Italian Central-Western Alps. Environmental Advances, 2021, 5, 100084.	2.2	15
553	Microplastics in inland freshwater environments with different regional functions: A case study on the Chengdu Plain. Science of the Total Environment, 2021, 789, 147938.	3.9	35
554	Comparative toxic effects of microplastics and nanoplastics on Chlamydomonas reinhardtii: Growth inhibition, oxidative stress, and cell morphology. Journal of Water Process Engineering, 2021, 43, 102291.	2.6	49
555	Distribution, abundance and spatial variability of microplastic pollution on the surface of Lake Superior. Journal of Great Lakes Research, 2021, 47, 1358-1364.	0.8	10
556	Assessing the presence of microplastic particles in Tunisian agriculture soils and their potential toxicity effects using Eisenia andrei as bioindicator. Science of the Total Environment, 2021, 796, 148959.	3.9	50
557	Distribution and sedimentation of microplastics in Taihu Lake. Science of the Total Environment, 2021, 795, 148745.	3.9	62
558	Fast and easy quantification of semi-crystalline microplastics in exemplary environmental matrices by differential scanning calorimetry (DSC). Chemical Engineering Journal, 2021, 423, 129941.	6.6	32
559	Research progresses of microplastic pollution in freshwater systems. Science of the Total Environment, 2021, 795, 148888.	3.9	70
560	Spatial and seasonal variation of microplastics and possible sources in the estuarine system from central west coast of India. Environmental Pollution, 2021, 288, 117665.	3.7	49
561	Abundance and characteristics of microplastics in commercially important bottom dwelling finfishes and shellfish of the Vembanad Lake, India. Marine Pollution Bulletin, 2021, 172, 112803.	2.3	41
562	Distribution of plastic litter in beach sediments of Silver beach, Cuddalore, during Nivar Cyclone – A first report. Marine Pollution Bulletin, 2021, 172, 112904.	2.3	7
563	Distribution and abundance of microplastics in coastal sediments depends on grain size and distance from sources. Marine Pollution Bulletin, 2021, 172, 112802.	2.3	19
564	Microplastics pollution: A comprehensive review on the sources, fates, effects, and potential remediation. Environmental Nanotechnology, Monitoring and Management, 2021, 16, 100530.	1.7	24
565	Synthesis of uniform submicron poly(lactic acid)-based particles/capsules by radical precipitation polymerization. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112122.	2.5	4
566	Microplastics pollution and risk assessment in water bodies of two nature reserves in Jilin Province: Correlation analysis with the degree of human activity. Science of the Total Environment, 2021, 799, 149390.	3.9	61
567	Relationships between size and abundance in beach plastics: A power-law approach. Marine Pollution Bulletin, 2021, 173, 113005.	2.3	5

#	Article	IF	CITATIONS
568	Plastisphere in freshwaters: An emerging concern. Environmental Pollution, 2021, 290, 118123.	3.7	40
569	Continental microplastics: Presence, features, and environmental transport pathways. Science of the Total Environment, 2021, 799, 149447.	3.9	51
570	Effects of ingestion of polyethylene microplastics on survival rate, opercular respiration rate and swimming performance of African catfish (Clarias gariepinus). Journal of Hazardous Materials, 2022, 423, 127237.	6.5	36
571	A comparative review of microplastics in lake systems from different countries and regions. Chemosphere, 2022, 286, 131806.	4.2	86
572	Macro problems from microplastics: Toward a sustainable policy framework for managing microplastic waste in Africa. Science of the Total Environment, 2022, 804, 150170.	3.9	47
573	Intertidal zone effects on Occurrence, fate and potential risks of microplastics with perspectives under COVID-19 pandemic. Chemical Engineering Journal, 2022, 429, 132351.	6.6	15
574	Distribution and potential sources of microplastics in sediments in remote lakes of Tibet, China. Science of the Total Environment, 2022, 806, 150526.	3.9	45
575	Microplastics accumulation in functional feeding guilds and functional habit groups of freshwater macrobenthic invertebrates: Novel insights in a riverine ecosystem. Science of the Total Environment, 2022, 804, 150207.	3.9	42
576	Missing relationship between meso- and microplastics in adjacent soils and sediments. Journal of Hazardous Materials, 2022, 424, 127234.	6.5	29
577	The fundamental links between climate change and marine plastic pollution. Science of the Total Environment, 2022, 806, 150392.	3.9	122
578	Training and evaluating machine learning algorithms for ocean microplastics classification through vibrational spectroscopy. Chemosphere, 2022, 287, 131903.	4.2	21
579	The seasonal cycle of micro and meso-plastics in surface waters in a coastal environment (RÃa de Vigo,) Tj ETQq1	1 _{3.9} 78431	.4.rgBT /O∨
580	Membrane bioreactor (MBR) as an advanced wastewater treatment technology for removal of synthetic microplastics., 2022,, 45-60.		17
581	Microplastics., 2021,, 1-9.		О
582	Microplastic Contamination in Snow from Western Italian Alps. International Journal of Environmental Research and Public Health, 2021, 18, 768.	1.2	49
583	A review on the occurrence, distribution, characteristics, and analysis methods of microplastic pollution in ecosystem s. Environmental Pollutants and Bioavailability, 2021, 33, 227-246.	1.3	17
584	Microplastics effect on the physicochemical parameters and interaction with spirulina platensis microalgae in Al-Dalmaj Marsh, Iraq. Materials Today: Proceedings, 2021, 42, 2251-2258.	0.9	5
585	Nanomaterial and microplastic-based contamination in water and its health risk assessment. , 2021, , 251-264.		О

#	Article	IF	CITATIONS
586	Nanoplastics in the Aquatic Environment. Critical Review. , 2015, , 325-340.		261
587	Microplastics – Occurrence, Fate and Behaviour in the Environment. Comprehensive Analytical Chemistry, 2017, , 1-24.	0.7	67
588	Occurrence, removal and potential threats associated with microplastics in drinking water sources. Journal of Environmental Chemical Engineering, 2020, 8, 104527.	3.3	47
589	Microplastics and other anthropogenic particles in the surface waters of the Chesapeake Bay. Marine Pollution Bulletin, 2020, 156, 111257.	2.3	50
590	First evidence of microplastics in nine lakes across Patagonia (South America). Science of the Total Environment, 2020, 733, 139385.	3.9	89
592	Characterizing microplastic size and morphology of photodegraded polymers placed in simulated moving water conditions. Environmental Sciences: Processes and Impacts, 2020, 22, 398-407.	1.7	66
593	Microplastics in the gastrointestinal tracts of fish and the water from an urban prairie creek. Facets, 2017, 2, 395-409.	1.1	140
594	A first assessment of microplastics and other anthropogenic particles in Hudson Bay and the surrounding eastern Canadian Arctic waters of Nunavut. Facets, 2020, 5, 432-454.	1.1	58
595	Microplastic Pollution in the Ambient Air of Surabaya, Indonesia. Current World Environment Journal, 2019, 14, 290-298.	0.2	40
596	A Mixed-Method Approach for Quantifying Illegal Fishing and Its Impact on an Endangered Fish Species. PLoS ONE, 2015, 10, e0143960.	1.1	20
597	Plastic Litter as Pollutant in the Aquatic Environment: A mini-review. Jurnal Ilmiah Perikanan Dan Kelautan, 2020, 12, 167.	0.4	5
598	DEGRADATION OF CONVENTIONAL AND OXODEGRADABLE HIGH DENSITY POLYETHYLENE IN TROPICAL AQUEOUS AND OUTDOOR ENVIRONMENTS. Revista Internacional De Contaminacion Ambiental, 2018, 34, 137-147.	0.1	31
599	Microplastics of different characteristics are incorporated into the larval cases of the freshwater caddisfly Lepidostoma basale. Aquatic Biology, 2019, 28, 67-77.	0.5	51
600	Microplastics in urban New Jersey freshwaters: distribution, chemical identification, and biological affects. AIMS Environmental Science, 2017, 4, 809-826.	0.7	27
601	Role of Microbes in Eco-Remediation of Perturbed Aquatic Ecosystem. Advances in Environmental Engineering and Green Technologies Book Series, 2017, , 70-107.	0.3	2
602	Microplastics as Emerging Contaminants. Advances in Environmental Engineering and Green Technologies Book Series, 2020, , 31-44.	0.3	1
603	The occurrence of microplastics in freshwater systems – preliminary results from Krakow (Poland). Geology Geophysics & Environment, 2018, 44, 391.	1.0	13
604	A new small device made of glass for separating microplastics from marine and freshwater sediments. PeerJ, 2019, 7, e7915.	0.9	42

#	Article	IF	CITATIONS
605	Effect of Physical Characteristics and Hydrodynamic Conditions on Transport and Deposition of Microplastics in Riverine Ecosystem. Water (Switzerland), 2021, 13, 2710.	1.2	76
606	Microplastics in Terrestrial and Freshwater Environments. Environmental Contamination Remediation and Management, 2022, , 87-130.	0.5	8
607	Evaluating Microplastic Experimental Design and Exposure Studies in Aquatic Organisms. Environmental Contamination Remediation and Management, 2022, , 69-85.	0.5	1
608	Assessing the relationship between the abundance of microplastics in sediments, surface waters, and fish in the Iran southern shores. Environmental Science and Pollution Research, 2022, 29, 18546-18558.	2.7	12
609	Abundance and characteristics of microplastics in the surface water and sediment of parks in Xi'an city, Northwest China. Science of the Total Environment, 2022, 806, 150953.	3.9	21
610	Lake-wide assessment of microplastics in the surface waters of Lake Baikal, Siberia. Limnology, 2022, 23, 265-274.	0.8	9
611	Microplastic pollution in mountain terrains and foothills: A review on source, extraction, and distribution of microplastics in remote areas. Environmental Research, 2022, 207, 112232.	3.7	55
612	Spatial distribution and potential sources of microplastics in the Songhua River flowing through urban centers in Northeast China. Environmental Pollution, 2022, 292, 118384.	3.7	24
614	Microplastics as Contaminant in FreshWater Ecosystem: A Modern Environmental Issue. , 2019, , 355-377.		1
615	Role of Microbes in Eco-Remediation of Perturbed Aquatic Ecosystem. , 2019, , 25-61.		1
617	Sample preparation methods for the analysis of microplastics in freshwater ecosystems: a review. Environmental Chemistry Letters, 2022, 20, 417-443.	8.3	21
618	Effects of plastics and microplastics on aquatic organisms and human health. Su Ürünleri Dergisi, 2020, 37, 437-443.	0.1	1
619	An assessment of micro- and nanoplastics in the biosphere: A review of detection, monitoring, and remediation technology. Chemical Engineering Journal, 2022, 430, 132913.	6.6	42
620	Microplastics in agroecosystems-impacts on ecosystem functions and food chain. Resources, Conservation and Recycling, 2022, 177, 105961.	5.3	104
621	Fate and Behavior of Microplastics in Freshwater Systems. , 2020, , 1-31.		1
622	Distribution and environmental risk of microplastics pollution in freshwater of Citarum Watershed. E3S Web of Conferences, 2020, 211, 03012.	0.2	1
623	ZavÃįdÄ>nÃ-analytické metody pro kvalitativnÃ-stanovenÃ-mikroplastÅ⁻ ve vodÃįch. Entecho, 2020, 3, 1-6.	0.1	0
624	Baseline characterisation of microlitter in the sediment of torrents and the sea bottom in the Gulf of Tigullio (NW Italy). Regional Studies in Marine Science, 2020, 35, 101119.	0.4	4

#	Article	IF	CITATIONS
625	Macrophytes: A Temporary Sink for Microplastics in Transitional Water Systems. Water (Switzerland), 2021, 13, 3032.	1.2	17
626	Microplastics in plant-microbes-soil system: A review on recent studies. Science of the Total Environment, 2022, 816, 151523.	3.9	34
627	Microplastic Contamination of Surface Sediment of Euphrates River, Iraq: A Preliminary Study. Journal of Physics: Conference Series, 2020, 1664, 012139.	0.3	6
629	Microplastic-associated pathogens and antimicrobial resistance in environment. Chemosphere, 2022, 291, 133005.	4.2	58
630	Evaluation of microplastic and marine debris on the beaches of Niterói Oceanic Region, Rio De Janeiro, Brazil. Marine Pollution Bulletin, 2022, 175, 113161.	2.3	9
631	Spatial Distributions and Model Selections of Commercial Estuarine Fish (Sciaenidae) Populations Related to Water Quality, Chl-a, and AML in Musi River mouth, South Sumatra. 3BIO Journal of Biological Science Technology and Management, 2021, 3, 1-11.	0.3	0
632	Variable Fitness Response of Two Rotifer Species Exposed to Microplastics Particles: The Role of Food Quantity and Quality. Toxics, 2021, 9, 305.	1.6	8
633	Evidence for Microplastics Contamination of the Remote Tributary of the Yenisei River, Siberiaâ€"The Pilot Study Results. Water (Switzerland), 2021, 13, 3248.	1.2	12
634	Floating microplastic debris in a rural river in Germany: Distribution, types and potential sources and sinks. Science of the Total Environment, 2022, 816, 151641.	3.9	25
635	Microplastics altered contaminant behavior and toxicity in natural waters. Journal of Hazardous Materials, 2022, 425, 127908.	6.5	42
636	Microplastics in Sediments of Southwest Caspian Sea: Characteristics, Distribution and Seasonal Variability. Soil and Sediment Contamination, 2022, 31, 785-799.	1.1	5
637	Tracking Microplastics Across the Streambed Interface: Using Laserâ€Inducedâ€Fluorescence to Quantitatively Analyze Microplastic Transport in an Experimental Flume. Water Resources Research, 2021, 57, e2021WR031064.	1.7	17
638	Sources and Fate of Microplastics in Urban Systems. , 2022, , 1-27.		0
639	Microplastic Pollution in Freshwater Systems: A Potential Environmental Threat., 2022,, 341-356.		1
640	Microplastics in Freshwater Riverine Systems: Brief Profile, Trophic-Level Transfer and Probable Remediation., 2022, , 103-126.		0
641	Microplastics in the Food Chain: Food Safety and Environmental Aspects. Reviews of Environmental Contamination and Toxicology, 2021, 259, 1-49.	0.7	11
642	Critical review of microplastics removal from the environment. Chemosphere, 2022, 293, 133557.	4.2	89
643	Microplastics in Asian freshwater ecosystems: Current knowledge and perspectives. Science of the Total Environment, 2022, 808, 151989.	3.9	34

#	ARTICLE	IF	CITATIONS
644	Soil microplastic pollution under different land uses in tropics, southwestern China. Chemosphere, 2022, 289, 133176.	4.2	34
645	Investigating impact of physicochemical properties of microplastics on human health: A short bibliometric analysis and review. Chemosphere, 2022, 289, 133146.	4.2	50
646	Microplastics in the high-altitude Himalayas: Assessment of microplastic contamination in freshwater lake sediments, Northwest Himalaya (India). Chemosphere, 2022, 290, 133354.	4.2	55
647	Micro (nano) plastics in wastewater: A critical review on toxicity risk assessment, behaviour, environmental impact and challenges. Chemosphere, 2022, 290, 133169.	4.2	43
648	Micro plastics in soil ecosystem - A review of sources, fate, and ecological impact. Plant, Soil and Environment, 2022, 68, 1-17.	1.0	23
649	Determination of the pharmaceuticals–nano/microplastics in aquatic systems by analytical and instrumental methods. Environmental Monitoring and Assessment, 2022, 194, 93.	1.3	11
650	A Mini-Review of Strategies for Quantifying Anthropogenic Activities in Microplastic Studies in Aquatic Environments. Polymers, 2022, 14, 198.	2.0	6
651	Acute toxicity of microplastic fibers to honeybees and effects on foraging behavior. Science of the Total Environment, 2022, 822, 153320.	3.9	20
652	Microplastic Pollution in the Black Sea: An Overview of the Current Situation. Emerging Contaminants and Associated Treatment Technologies, 2022, , 167-186.	0.4	3
653	Plastic pollution in marine and freshwater environments: abundance, sources, and mitigation. , 2022, , 241-274.		11
654	First evaluation of microplastic pollution in the surface waters of the Van Bay from Van Lake, Turkey. Chemistry and Ecology, 2022, 38, 1-16.	0.6	7
655	Macroalgal Morphology Mediates Microplastic Accumulation on Thallus and in Sediments. SSRN Electronic Journal, 0, , .	0.4	0
656	Toward an All-Optical Fingerprint of Synthetic and Natural Microplastic Fibers by Polarization-Sensitive Holographic Microscopy. ACS Photonics, 2022, 9, 694-705.	3.2	12
659	Seasonal distribution of microplastics in the surface water and sediments of the Vellar estuary, Parangipettai, southeast coast of India. Marine Pollution Bulletin, 2022, 174, 113248.	2.3	24
660	Occurrence of Microplastics in Freshwater. Emerging Contaminants and Associated Treatment Technologies, 2022, , 201-226.	0.4	3
661	Microplastic (MP) Pollution in the Context of Occurrence, Distribution, Composition and Concentration in Surface Waters and Sediments: A Global Overview. Emerging Contaminants and Associated Treatment Technologies, 2022, , 133-166.	0.4	6
662	Urban drainage channels as microplastics pollution hotspots in developing areas: A case study in Da Nang, Vietnam. Marine Pollution Bulletin, 2022, 175, 113323.	2.3	19
663	Microplastic pollution in urban Lake Phewa, Nepal: the first report on abundance and composition in surface water of lake in different seasons. Environmental Science and Pollution Research, 2022, 29, 39928-39936.	2.7	25

#	Article	IF	Citations
664	Coagulation-flocculation performance and floc properties for microplastics removal by magnesium hydroxide and PAM. Journal of Environmental Chemical Engineering, 2022, 10, 107263.	3.3	17
665	Microplastic concentration, distribution and dynamics along one of the largest Mediterranean-climate rivers: A whole watershed approach Environmental Research, 2022, 209, 112808.	3.7	17
666	Integrated Strategy of Plastic Waste Management to Green Environmental Sustainability and Health Care. , 2022 , , $1133-1148$.		0
667	Microplastics in freshwater ecosystems with special reference to tropical systems: Detection, impact, and management., 2022,, 151-169.		4
668	Adsorption of lead and cadmium by microplastics and their desorption behavior as vectors in the gastrointestinal environment. Journal of Environmental Chemical Engineering, 2022, 10, 107379.	3.3	9
669	Microplastics in urban stormwaterâ€"developing a methodology for its monitoring. Environmental Monitoring and Assessment, 2022, 194, 173.	1.3	9
670	Occurrence of microplastics in edible aquatic insect <i>Pantala</i> sp. (Odonata: Libellulidae) from rice fields. PeerJ, 2022, 10, e12902.	0.9	4
671	Outdoor Atmospheric Microplastics within the Humber Region (United Kingdom): Quantification and Chemical Characterisation of Deposited Particles Present. Atmosphere, 2022, 13, 265.	1.0	12
672	Spatial variability of microplastic pollution on surface of rivers in a mountain-plain transitional area: A case study in the Chin Ling-Wei River Plain, China. Ecotoxicology and Environmental Safety, 2022, 232, 113298.	2.9	25
673	A Review of the Migration and Transformation of Microplastics in Inland Water Systems. International Journal of Environmental Research and Public Health, 2022, 19, 148.	1.2	20
674	Plastic Pollution, Waste Management Issues, and Circular Economy Opportunities in Rural Communities. Sustainability, 2022, 14, 20.	1.6	60
675	Climate change influence on the levels and trends of persistent organic pollutants (POPs) and chemicals of emerging Arctic concern (CEACs) in the Arctic physical environment – a review. Environmental Sciences: Processes and Impacts, 2022, 24, 1577-1615.	1.7	36
676	The Human Connection: First Evidence of Microplastics in Remote High Mountain Lakes of Sierra Nevada, Spain. SSRN Electronic Journal, 0, , .	0.4	0
677	Effects of Microplastics in the Cryosphere. , 2022, , 907-952.		0
678	Microplastics in Freshwater Ecosystems. , 2022, , 235-252.		0
679	Sources and Fate of Microplastics in Urban Systems. , 2022, , 849-875.		2
680	Fate and Behavior of Microplastics in Freshwater Systems. , 2022, , 781-811.		1
681	Distribution of Microplastics in Benthic Sediments from Lakeshores to the Center of Qinghai Lake on the Tibetan Plateau, China. SSRN Electronic Journal, 0, , .	0.4	O

#	Article	IF	CITATIONS
682	Introduction to the Analytical Methodologies for the Analysis of Microplastics., 2022,, 3-32.		1
683	Collection and Separation of Microplastics. , 2022, , 33-56.		0
684	Decomposition Behavior of Biodegradable and Single-Use Tableware Items in the Warnow Estuary (Baltic Sea). Sustainability, 2022, 14, 2544.	1.6	4
685	Interlinkage Between Persistent Organic Pollutants and Plastic in the Waste Management System of India: An Overview. Bulletin of Environmental Contamination and Toxicology, 2022, 109, 927-936.	1.3	17
686	Microplastic Pollution in Surface Waters of Urban Watersheds in Central Texas, United States: A Comparison of Sites With and Without Treated Wastewater Effluent. Frontiers in Analytical Science, 2022, 2, .	1.1	10
687	Characteristics and distribution of microplastics in shoreline sediments of the Yangtze River, main tributaries and lakes in China—From upper reaches to the estuary. Environmental Science and Pollution Research, 2022, 29, 48453-48464.	2.7	8
688	Quantified Effects of Multiple Parameters on Inputs and Potential Sources of Microplastics from a Typical River Flowing into the Sea. ACS ES&T Water, 2022, 2, 556-564.	2.3	9
689	Distribution Characteristics and Source Analysis of Microplastics in Urban Freshwater Lakes: A Case Study in Songshan Lake of Dongguan, China. Water (Switzerland), 2022, 14, 1111.	1.2	9
690	Detection in influx sources and estimation of microplastics abundance in surface waters of Rawal Lake, Pakistan. Heliyon, 2022, 8, e09166.	1.4	13
691	Lagrangian Modeling of Marine Microplastics Fate and Transport: The State of the Science. Journal of Marine Science and Engineering, 2022, 10, 481.	1.2	13
692	Distribution and characteristics of microplastics in beach sand near the outlet of a major reservoir in north Mississippi, USA. Microplastics and Nanoplastics, 2022, 2, .	4.1	11
694	Manta Net: The Golden Method for Sampling Surface Water Microplastics in Aquatic Environments. Frontiers in Environmental Science, 2022, 10 , .	1.5	21
695	Occurrence and distribution of microplastics in wastewater treatment plant in a tropical region of China. Journal of Cleaner Production, 2022, 349, 131454.	4.6	28
696	A review on microplastic emission from textile materials and its reduction techniques. Polymer Degradation and Stability, 2022, 199, 109901.	2.7	74
697	First observation of microplastics in surface sediment of some aquaculture ponds in Hanoi city, Vietnam. Journal of Hazardous Materials Advances, 2022, 6, 100061.	1.2	9
698	Macroalgal morphology mediates microplastic accumulation on thallus and in sediments. Science of the Total Environment, 2022, 825, 153987.	3.9	10
699	Automatic quantification and classification of microplastics in scanning electron micrographs via deep learning. Science of the Total Environment, 2022, 825, 153903.	3.9	37
700	Microplastic occurrence in the northern South China Sea, A case for Pre and Post cyclone analysis. Chemosphere, 2022, 296, 133980.	4.2	13

#	Article	IF	CITATIONS
701	A systematic review on toxicity assessment of persistent emerging pollutants (EPs) and associated microplastics (MPs) in the environment using the Hydra animal model. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 256, 109320.	1.3	5
702	Trophic transfer of microplastics in a model freshwater microcosm; lack of a consumer avoidance response. Food Webs, 2022, 31, e00228.	0.5	20
703	Detection of microplastics in human lung tissue using \hat{l} 4FTIR spectroscopy. Science of the Total Environment, 2022, 831, 154907.	3.9	410
704	Distribution, biological effects and biofilms of microplastics in freshwater systems - A review. Chemosphere, 2022, 299, 134370.	4.2	43
705	Enrichment and dissemination of bacterial pathogens by microplastics in the aquatic environment. Science of the Total Environment, 2022, 830, 154720.	3.9	43
706	Effect of cascade damming on microplastics transport in rivers: A large-scale investigation in Wujiang River, Southwest China. Chemosphere, 2022, 299, 134455.	4.2	12
707	Emission of airborne microplastics from municipal solid waste transfer stations in downtown. Science of the Total Environment, 2022, 828, 154400.	3.9	14
708	Spatial distribution of microplastics in volcanic lake water and sediments: Relationships with depth and sediment grain size. Science of the Total Environment, 2022, 829, 154659.	3.9	14
709	Understanding microplastics in aquatic ecosystems – A mini review. Islamiyyat, 2021, 5, 63-69.	0.1	3
710	Surface Morphology of a Microplastic as an Indicator of Its Microscale Degradation. Civil and Environmental Engineering Reports, 2021, 31, 196-213.	0.2	0
711	The first evidence of microplastic uptake in natural freshwater mussel, <i>Unio stevenianus </i> from Karasu River, Turkey. Biomarkers, 2022, 27, 118-126.	0.9	6
712	Characterization and seasonal distribution of microplastics in the nearshore sediments of the south-east coast of India, Bay of Bengal. Frontiers of Environmental Science and Engineering, 2022, 16, 1.	3.3	18
713	Type and Distribution of Microplastics in Beach Sediment along the Coast of the Eastern Gulf of Thailand. Journal of Marine Science and Engineering, 2021, 9, 1405.	1.2	12
714	Controlling Factors of Microplastic Riverine Flux and Implications for Reliable Monitoring Strategy. Environmental Science & E	4.6	35
715	Current Progress of Microplastics in Sewage Sludge. Handbook of Environmental Chemistry, 2022, , 1.	0.2	0
718	近海海域养殖æºå¾®å¡'料的çŽ⁻å¢f赋å̃㸰度ã€ç"Ÿç‰©ç§¯çˆä¸Žç"Ÿæ€é£Žé™©. Chinese Scienc	e B olle tin,	2002,,.
719	A Meta-Analysis of the Characterisations of Plastic Ingested by Fish Globally. Toxics, 2022, 10, 186.	1.6	19
720	Microplastics in freshwater environment: occurrence, analysis, impact, control measures and challenges. International Journal of Environmental Science and Technology, 2023, 20, 6865-6896.	1.8	10

#	Article	IF	CITATIONS
721	Flexible habitat choice of pelagic bacteria increases system stability and energy flow through the microbial loop. Limnology and Oceanography, 2022, 67, 1402-1415.	1.6	5
722	Seasonal variation and ecological risk assessment of microplastics ingested by economic fishes in Lake Chaohu, China. Science of the Total Environment, 2022, 833, 155181.	3.9	8
725	Distribution of microplastics in benthic sediments of Qinghai Lake on the Tibetan Plateau, China. Science of the Total Environment, 2022, 835, 155434.	3.9	19
728	Sorption of pesticides by microplastics, charcoal, ash, and river sediments. Journal of Soils and Sediments, 2022, 22, 1876-1884.	1.5	4
729	Biofilm formation and its implications on the properties and fate of microplastics in aquatic environments: A review. Journal of Hazardous Materials Advances, 2022, 6, 100077.	1.2	43
730	Presence of nanoplastics in rural and remote surface waters. Environmental Research Letters, 2022, 17, 054036.	2.2	52
731	Microplastics distribution and possible ingestion by fish in lacustrine waters (Lake Bracciano, Italy). Environmental Science and Pollution Research, 2022, 29, 68179-68190.	2.7	4
732	Dietary Feeding Lycopene, Citric Acid, and Chlorella Alleviated the Neurotoxicity of Polyethylene Microplastics in African Catfish (Clarias gariepinus). Frontiers in Environmental Science, 2022, 10, .	1.5	7
733	Impacts of underwater topography on the distribution of microplastics in lakes: A case from Dianchi Lake, China. Science of the Total Environment, 2022, 837, 155708.	3.9	12
734	Microplastics in Flathead Lake, a large oligotrophic mountain lake in the USA. Environmental Pollution, 2022, 306, 119445.	3.7	19
735	Farklı Ekosistemlerde Mikroplastik Kirlilik: Oluşum, Toksisite ve Riskler. Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 0, , .	0.2	0
736	The effect of a polystyrene nanoplastic on the intestinal microbes and oxidative stress defense of the freshwater crayfish, Procambarus clarkii. Science of the Total Environment, 2022, 833, 155722.	3.9	35
737	Toxic Chemicals and Persistent Organic Pollutants Associated with Micro-and Nanoplastics Pollution. Chemical Engineering Journal Advances, 2022, 11, 100310.	2.4	48
738	Contamination and ecological risk of microplastics and phthalates in the surface water of the Tha Dee Sub-River basin, Nakhon Si Thammarat Province, Thailand. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2022, 57, 448-459.	0.9	3
739	Microplastics in Demersal Sharks From the Southeast Indian Coastal Region. Frontiers in Marine Science, 2022, 9, .	1.2	8
740	Implicit and Explicit Biases for Recycled Water and Tap Water. Water Resources Research, 0, , .	1.7	4
741	Influence of interaction on accuracy of quantification of mixed microplastics using Py-GC/MS. Journal of Environmental Chemical Engineering, 2022, 10, 108012.	3.3	7
742	Tracking the microplastic accumulation from past to present in the freshwater ecosystems: A case study in Susurluk Basin, Turkey. Chemosphere, 2022, 303, 135007.	4.2	14

#	ARTICLE	IF	CITATIONS
743	Application of a microplastic trap to the determination of the factors controlling the lakebed deposition of microplastics. Science of the Total Environment, 2022, 843, 156883.	3.9	9
744	Underwater Macroplastic Detection Using Imaging Sonars. Frontiers in Environmental Science, 0, 10, .	1.5	6
745	Sources and Pathways of Marine Litter. Health Information Systems and the Advancement of Medical Practice in Developing Countries, 2022, , 1-27.	0.1	1
746	Plastics in the environment as potential threat to life: an overview. Environmental Science and Pollution Research, 2022, 29, 56928-56947.	2.7	17
747	Microplastics spatiotemporal distribution and plastic-degrading bacteria identification in the sanitary and non-sanitary municipal solid waste landfills. Journal of Hazardous Materials, 2022, 438, 129452.	6.5	22
748	A baseline study of meso and microplastic predominance in pristine beach sediment of the Indian tropical island ecosystem. Marine Pollution Bulletin, 2022, 181, 113825.	2.3	13
749	Quantification and characterization of plastics in near-shore surface waters of Atlantic Canada. Marine Pollution Bulletin, 2022, 181, 113869.	2.3	5
750	Ingestion of Microplastics and Textile Cellulose Particles by Some Meiofaunal Taxa of an Urban Stream. SSRN Electronic Journal, 0, , .	0.4	0
751	Microplastics., 2022,, 998-1007.		1
752	Linking Riverine Sediment Microplastic to Settlement Distribution and River Geometric Structure: A Case Study in Central Iran. SSRN Electronic Journal, 0, , .	0.4	0
753	Interactive effect of urbanization and flood in modulating microplastic pollution in rivers. Environmental Pollution, 2022, 309, 119760.	3.7	20
754	Shape dependence of the release rate of chemicals from plastic microparticles. Environmental Science and Pollution Research, 2022, 29, 88055-88064.	2.7	1
755	Tracing Land-Based Microplastic Sources in Coastal Waters of Zhanjiang Bay, China: Spatiotemporal Pattern, Composition, and Flux. Frontiers in Marine Science, 0, 9, .	1.2	3
756	Effects of grazing on taxonomic and functional diversity of benthic macroinvertebrates of six tributary streams of the eastern shore of Lake Hövsgöl, Mongolia. Inland Waters, 2022, 12, 526-538.	1.1	1
757	Macro- and Microplastics in the Antarctic Environment: Ongoing Assessment and Perspectives. Environments - MDPI, 2022, 9, 93.	1.5	25
758	Addition of polyvinyl pyrrolidone during density separation with sodium iodide solution improves recovery rate of small microplastics (20–150Âμm) from soils and sediments. Chemosphere, 2022, 307, 135730.	4.2	10
759	Risk associated with microplastics in urban aquatic environments: A critical review. Journal of Hazardous Materials, 2022, 439, 129587.	6.5	16
760	Spatial distribution of microplastics pollution in sediments and surface waters of the Aras River and reservoir: An international river in Northwestern Iran. Science of the Total Environment, 2022, 843, 156894.	3.9	12

#	Article	IF	CITATIONS
761	Microplastics: A threat to freshwater ecosystems and urban water quality. Current Directions in Water Scarcity Research, 2022, , 273-298.	0.2	0
762	Plastics are a new threat to Palau's coral reefs. PLoS ONE, 2022, 17, e0270237.	1.1	7
763	Ecotoxicological and health implications of microplastic-associated biofilms: a recent review and prospect for turning the hazards into benefits. Environmental Science and Pollution Research, 2022, 29, 70611-70634.	2.7	10
764	Integrating land cover, point source pollution, and watershed hydrologic processes data to understand the distribution of microplastics in riverbed sediments. Environmental Pollution, 2022, 311, 119852.	3.7	5
765	Occurrence, sources, and relationships of soil microplastics with adsorbed heavy metals in the Ebinur Lake Basin, Northwest China. Journal of Arid Land, 2022, 14, 910-924.	0.9	3
766	Micro-plastics in the Vicinity of an Urban Solid Waste Management Facility in India: Assessment and Policy Implications. Bulletin of Environmental Contamination and Toxicology, 2022, 109, 956-961.	1.3	6
767	Water consumption habits of a north-western Turkish community: a cross-sectional study. Journal of Water and Health, 0 , , .	1.1	0
768	Microplastic occurrence after conventional and nanofiltration processes at drinking water treatment plants: Preliminary results. Frontiers in Water, 0, 4, .	1.0	10
769	Microplastics found in the World Heritage Site Cocos Island National Park, Costa Rica. Marine and Fishery Sciences, 2022, 35, .	0.3	0
770	Enhanced settling of microplastics after biofilm development: A laboratory column study mimicking wastewater clarifiers. Environmental Pollution, 2022, 311, 119909.	3.7	11
771	The human connection: First evidence of microplastics in remote high mountain lakes of Sierra Nevada, Spain. Environmental Pollution, 2022, 311, 119922.	3.7	12
772	Macro-and/or microplastics as an emerging threat effect crop growth and soil health. Resources, Conservation and Recycling, 2022, 186, 106549.	5.3	42
773	Plastic invasion tolling: First evaluation of microplastics in water and two crab species from the nature reserve lagoonary complex of Kune-Vain, Albania. Science of the Total Environment, 2022, 849, 157799.	3.9	35
774	Microplastics as vectors of environmental contaminants: Interactions in the natural ecosystems. Human and Ecological Risk Assessment (HERA), 2022, 28, 1022-1042.	1.7	9
775	Mediterranean microplastic contamination: Israel's coastline contributions. Marine Pollution Bulletin, 2022, 183, 114080.	2.3	6
776	The effect of microplastics on the interspecific competition of Daphnia. Environmental Pollution, 2022, 313, 120121.	3.7	12
777	Microplastics in ASEAN region countries: A review on current status and perspectives. Marine Pollution Bulletin, 2022, 184, 114118.	2.3	12
778	Occurrence and removal of microplastics in a hybrid growth sewage treatment plant from Bihar, India: A preliminary study. Journal of Cleaner Production, 2022, 376, 134295.	4.6	15

#	Article	lF	Citations
779	Microplastic contamination of supraglacial debris differs among glaciers with different anthropic pressures. Science of the Total Environment, 2022, 851, 158301.	3.9	8
780	Microplastics and nanoplastics in drinking water and food chain. , 2023, , 183-200.		1
781	Microplastic pollution in sediments of tropical shallow lakes. Science of the Total Environment, 2023, 855, 158671.	3.9	8
782	Occurrence of MPs and NPs in freshwater environment. , 2023, , 125-150.		0
783	From City to Sea: Spatiotemporal Dynamics of Floating Macrolitter in the Tiber River. SSRN Electronic Journal, 0, , .	0.4	0
784	Human health effects of airborne microplastics. Comprehensive Analytical Chemistry, 2023, , 185-223.	0.7	2
785	Occurrence of microplastics in air. Comprehensive Analytical Chemistry, 2023, , 17-31.	0.7	2
786	Long-term deposition records of microplastics in a plateau lake under the influence of multiple natural and anthropogenic factors. Science of the Total Environment, 2023, 856, 159071.	3.9	6
787	AnaerobnÃ-rozložitelnost bioplastÅ⁻. Entecho, 2022, , 1-8.	0.1	0
788	Effects of spatially heterogeneous lakeside development on nearshore biotic communities in a large, deep, oligotrophic lake. Limnology and Oceanography, 2022, 67, 2649-2664.	1.6	4
790	How do microplastics adsorb metals? A preliminary study under simulated wetland conditions. Chemosphere, 2022, 309, 136547.	4.2	8
791	Microplastics in Abiotic Compartments of a Hypersaline Lacustrine Ecosystem. Environmental Toxicology and Chemistry, 2023, 42, 19-32.	2.2	2
792	Atmospheric micro (nano) plastics: future growing concerns for human health. Air Quality, Atmosphere and Health, 2023, 16, 233-262.	1.5	28
793	Land Use Pattern Affects Microplastic Concentrations in Stormwater Drains in Urban Catchments in Perth, Western Australia. Land, 2022, 11, 1815.	1.2	3
794	Microplastics in human food chains: Food becoming a threat to health safety. Science of the Total Environment, 2023, 858, 159834.	3.9	87
7 95	Ingestion of microplastics and textile cellulose particles by some meiofaunal taxa of an urban stream. Chemosphere, 2023, 310, 136830.	4.2	3
796	From city to sea: Spatiotemporal dynamics of floating macrolitter in the Tiber River. Science of the Total Environment, 2023, 857, 159713.	3.9	16
797	Microplastics contamination associated with low-value domestic source organic solid waste: A review. Science of the Total Environment, 2023, 857, 159679.	3.9	8

#	Article	IF	CITATIONS
798	Microplastic materials in the environment: Problem and strategical solutions. Progress in Materials Science, 2023, 132, 101035.	16.0	44
799	Microplastics in urban catchments: Review of sources, pathways, and entry into stormwater. Science of the Total Environment, 2023, 858, 159781.	3.9	19
801	Preliminary Study on the Distribution, Source, and Ecological Risk of Typical Microplastics in Karst Groundwater in Guizhou Province, China. International Journal of Environmental Research and Public Health, 2022, 19, 14751.	1.2	14
802	Trophic Transfer and Accumulation of Microplastics in Freshwater Ecosystem: Risk to Food Security and Human Health. International Journal of Ecology, 2022, 2022, 1-11.	0.3	7
803	Investigation of microplastic contamination in the sediments of Noyyal River- Southern India. Journal of Hazardous Materials Advances, 2022, 8, 100198.	1.2	6
804	Biofilm formation strongly influences the vector transport of triclosan-loaded polyethylene microplastics. Science of the Total Environment, 2023, 859, 160231.	3.9	9
805	Microplastics in the surgical environment. Environment International, 2022, 170, 107630.	4.8	14
806	Microsynthetics in waters of the South American Pantanal. Frontiers in Environmental Science, 0, 10 , .	1.5	1
807	Polystyrene microparticles can affect the health status of freshwater fish – Threat of oral microplastics intake. Science of the Total Environment, 2023, 858, 159976.	3.9	9
808	Far from urban areas: plastic uptake in fish populations of subtropical headwater streams. Brazilian Journal of Biology, 0, 82, .	0.4	1
809	Mulches and Microplastic Pollution in the Agroecosystem. , 2022, , 315-328.		1
810	Micro plastic contaminant in marine environment in Chennai coast. AIP Conference Proceedings, 2022,	0.3	0
811	Ecotoxicology of microplastics in Daphnia: A review focusing on microplastic properties and multiscale attributes of Daphnia. Ecotoxicology and Environmental Safety, 2023, 249, 114433.	2.9	27
812	The relative size of microalgal cells and microplastics determines the toxicity of microplastics to microalgae. Chemical Engineering Research and Design, 2023, 169, 860-868.	2.7	17
813	Microplastics Pollution: A Brief Review of Its Source and Abundance in Different Aquatic Ecosystems. Journal of Hazardous Materials Advances, 2023, 9, 100215.	1.2	11
814	Microplastic contamination in commercial fish species in southern coastal region of India. Chemosphere, 2023, 313, 137486.	4.2	14
815	Microplastic contamination around the landfills: Distribution, characterization and threats: A review. Current Opinion in Environmental Science and Health, 2023, 31, 100422.	2.1	6
816	Occurrence and distribution of microplastics in wetlands. Science of the Total Environment, 2023, 862, 160740.	3.9	21

#	Article	IF	CITATIONS
817	Microplastic pollution and its implicated risks in the estuarine environment of Tamil Nadu, India. Science of the Total Environment, 2023, 861, 160572.	3.9	6
818	Urban pipeline rainwater runoff is an important pathway for land-based microplastics transport to inland surface water: A case study in Beijing. Science of the Total Environment, 2023, 861, 160619.	3.9	11
819	Microplastic intrusion into the zooplankton, the base of the marine food chain: Evidence from the Arabian Sea, Indian Ocean. Science of the Total Environment, 2023, 864, 160876.	3.9	13
821	Microplastic as an Emerging Environmental Threat: A Critical Review on Sampling and Identification Techniques Focusing on Aquactic Ecoystem. Journal of Polymers and the Environment, 2023, 31, 1725-1747.	2.4	4
823	Microplastic in freshwater ecosystem: bioaccumulation, trophic transfer, and biomagnification. Environmental Science and Pollution Research, 2023, 30, 9389-9400.	2.7	16
824	Microplastics in Freshwater: A Focus on the Russian Inland Waters. Water (Switzerland), 2022, 14, 3909.	1.2	6
826	Temporal and spatial distribution of microplastic in the sediment of the Han River, South Korea. Chemosphere, 2023, 317, 137831.	4.2	11
827	Polypropylene microplastics affect the physiology in Drosophila model. Bulletin of Entomological Research, 2023, 113, 355-360.	0.5	2
828	Impacts of nano/micro-plastics on safety and quality of aquatic food products. Advances in Food and Nutrition Research, 2023, , 1-40.	1.5	2
829	Microplastics in multimedia environment: A systematic review on its fate, transport, quantification, health risk, and remedial measures. Groundwater for Sustainable Development, 2023, 20, 100889.	2.3	18
830	First record of microplastics in the Gigantidas platifrons (Mytilidae: Bathymodiolus) and Shinkaia crosnieri (Munidopsidae: Shinkaia) from cold-seep in the South China Sea. Marine Pollution Bulletin, 2023, 187, 114523.	2.3	6
831	Recent developments in microplastic contaminated water treatment: Progress and prospects of carbon-based two-dimensional materials for membranes separation. Chemosphere, 2023, 316, 137704.	4.2	14
832	Distribution and removal mechanism of microplastics in urban wastewater plants systems via different processes. Environmental Pollution, 2023, 320, 121076.	3.7	16
833	Distribution and characterization of microplastic from reef associated surface sediments of Vembar group of Islands, Gulf of Mannar, India., 2023, 5, 100024.		1
834	Microplastics: A Review of Policies and Responses. Microplastics, 2023, 2, 1-26.	1.6	7
835	Microplastic in the Soil Environment – Classification and Sources in Relation to Research Conducted in Poland. Studia Ecologiae Et Bioethicae, 2022, 20, 51-61.	0.2	0
836	Freshwater Fish Siberian Dace Ingest Microplastics in the Remote Yenisei Tributary. Toxics, 2023, 11, 38.	1.6	1
837	The "Journey―of Microplastics across the Marine Food Web in China's Largest Fishing Ground. Water (Switzerland), 2023, 15, 445.	1.2	4

#	Article	IF	CITATIONS
838	Assessment of Microplastics Pollution on Soil Health and Eco-toxicological Risk in Horticulture. Soil Systems, 2023, 7, 7.	1.0	7
839	Sorption of alkylphenols and estrogens on microplastics in marine conditions. Open Chemistry, 2023, 21, .	1.0	1
840	Sampling strategies and analytical techniques for assessment of airborne micro and nano plastics. Environment International, 2023, 174, 107885.	4.8	6
841	Impacts of marine debris on coral reef ecosystem: A review for conservation and ecological monitoring of the coral reef ecosystem. Marine Pollution Bulletin, 2023, 189, 114755.	2.3	9
842	Polystyrene nanoplastics' accumulation in roots induces adverse physiological and molecular effects in water spinach Ipomoea aquatica Forsk. Science of the Total Environment, 2023, 872, 162278.	3.9	12
843	Microplastic pollution in the Himalayas: Occurrence, distribution, accumulation and environmental impacts. Science of the Total Environment, 2023, 874, 162495.	3.9	17
844	Source or sink role of an urban lake for microplastics from Guangdong-Hong Kong-Macao greater bay area, China. Environmental Research, 2023, 224, 115492.	3.7	6
845	Microplastics and mesoplastics as emerging contaminants in Tehran landfill soils: The distribution and induced-ecological risk. Environmental Pollution, 2023, 324, 121368.	3.7	3
846	Seasonal distribution of microplastics in surface waters of the Northern Indian Ocean. Marine Pollution Bulletin, 2023, 190, 114838.	2.3	6
847	Spatiotemporal variation in microplastics derived from polymer-coated fertilizer in an agricultural small river in Ishikawa Prefecture, Japan. Environmental Pollution, 2023, 325, 121422.	3.7	4
848	Microplastics in biotic and abiotic compartments of high-mountain lakes from Alps. Ecological Indicators, 2023, 150, 110215.	2.6	11
849	A collection device for various-sized microparticles that uses four serial acoustic separations: Working toward microplastic emission prevention. Separation and Purification Technology, 2023, 315, 123697.	3.9	3
850	Differential effects of petroleum-based and bio-based microplastics on anaerobic digestion: A review. Science of the Total Environment, 2023, 875, 162674.	3.9	11
851	Important effects of polypropylene on migration of ciprofloxacin in groundwater. Journal of Environmental Chemical Engineering, 2023, 11, 109847.	3.3	0
852	Source, occurrence, distribution, fate, and implications of microplastic pollutants in freshwater on environment: A critical review and way forward. Chemosphere, 2023, 325, 138367.	4.2	28
853	Mechanisms of polystyrene nanoplastics adsorption onto activated carbon modified by ZnCl2. Science of the Total Environment, 2023, 876, 162763.	3.9	15
854	Classification of household microplastics using a multi-model approach based on Raman spectroscopy. Chemosphere, 2023, 325, 138312.	4.2	7
855	Rapid urbanization affects microplastic communities in lake sediments: A case study of Lake Aha in southwest China. Journal of Environmental Management, 2023, 338, 117824.	3.8	13

#	Article	IF	Citations
856	Variability of microplastic loading and retention in four inland lakes in Minnesota, USA. Environmental Pollution, 2023, 328, 121573.	3.7	9
857	Combined effect of microplastic and triphenyltin: Insights from the gut-brain axis. Environmental Science and Ecotechnology, 2023, 16, 100266.	6.7	4
858	Microplastics in large marine animals stranded in the Republic of Korea. Marine Pollution Bulletin, 2023, 189, 114734.	2.3	4
859	Microplastic pollution in the offshore sea, rivers and wastewater treatment plants in Jiangsu coastal area in China. Marine Environmental Research, 2023, 188, 105992.	1.1	6
860	Microplastics: Distribution, Isolation, Detection, and Effects on Flora and Fauna & Emp; ndash; A Mini Review. World Journal of Environmental Biosciences, 2022, 11, 1-8.	0.1	1
861	From marine to freshwater environment: A review of the ecotoxicological effects of microplastics. Ecotoxicology and Environmental Safety, 2023, 251, 114564.	2.9	26
862	A critical review on recent research progress on microplastic pollutants in drinking water. Environmental Research, 2023, 222, 115312.	3.7	16
863	A plastic world: A review of microplastic pollution in the freshwaters of the Earth's poles. Science of the Total Environment, 2023, 869, 161847.	3.9	29
864	Detection of microplastics in human saphenous vein tissue using \hat{l} 4FTIR: A pilot study. PLoS ONE, 2023, 18, e0280594.	1.1	23
865	Settling behaviors of microplastic disks in water. Marine Pollution Bulletin, 2023, 188, 114657.	2.3	3
866	Microplastics and leaf litter decomposition dynamics: New insights from a lotic ecosystem (Northeastern Italy). Ecological Indicators, 2023, 147, 109995.	2.6	5
867	Characterization of suspended microplastics in surface waters of Chalakudy River, Kerala, India. Chemistry and Ecology, 0, , 1-20.	0.6	0
868	Türkiye'den karda mikroplastik birikimine dair ilk kanıt. Journal of Anatolian Environmental and Animal Sciences, 2023, 8, 95-102.	0.2	1
869	Seasonal variation observed in microplastic deposition rates in boreal lake sediments. Journal of Soils and Sediments, 2023, 23, 1960-1970.	1.5	2
870	Microplastic Detection and Analysis from Water and Sediment: A Review. Macromolecular Symposia, 2023, 407, .	0.4	4
871	Microplastics as Emerging Pollutants in Urban Waterways. SpringerBriefs in Water Science and Technology, 2023, , 1-11.	0.5	0
872	Combined biological effects of polystyrene microplastics and phenanthrene on Tubifex tubifex and microorganisms in wetland sediment. Chemical Engineering Journal, 2023, 462, 142260.	6.6	6
873	Microplastics in water systems: A review of their impacts on the environment and their potential hazards. Heliyon, 2023, 9, e14359.	1.4	25

#	Article	IF	CITATIONS
874	Seasonal effects, spatial distribution, and possible sources of microplastics in the Chao Phraya River estuary, Thailand. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2023, 58, 256-266.	0.9	0
875	Changing Landscape of Plastic Waste Management in India. Developments in Corporate Governance and Responsibility, 2023, 19, 105-119.	0.1	0
876	Microplastics in Marine Sediments in Eastern Guangdong in the South China Sea: Factors Influencing the Seasonal and Spatial Variations. Water (Switzerland), 2023, 15, 1160.	1.2	3
877	Research status and prospects of microplastic pollution in lakes. Environmental Monitoring and Assessment, 2023, 195, .	1.3	1
878	Comparison of two rapid automated analysis tools for large FTIR microplastic datasets. Analytical and Bioanalytical Chemistry, 2023, 415, 2975-2987.	1.9	6
879	Overview of microplastic pollution and its influence on the health of organisms. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2023, 58, 412-422.	0.9	10
881	A first step to assess suspended microplastics in a freshwater wetland from the coastal region of Ecuador. Frontiers in Environmental Science, 0, 11 , .	1.5	1
882	Microplastics in subsurface water and zooplankton from eight lakes in British Columbia. Canadian Journal of Fisheries and Aquatic Sciences, 2023, 80, 1248-1267.	0.7	3
883	Personal protective equipment and micro-nano plastics: A review of an unavoidable interrelation for a global well-being hazard., 2023, 6, 100055.		3
884	Effects of PET microplastics on the freshwater crustacean Daphnia similis Claus, 1976. Acta Limnologica Brasiliensia, 0, 35, .	0.4	1
885	New insights in to the environmental behavior and ecological toxicity of microplastics. Journal of Hazardous Materials Advances, 2023, 10, 100298.	1.2	11
886	MOUNTAINPLAST: A New Italian Plastic Footprint with a Focus on Mountain Activities. Sustainability, 2023, 15, 7017.	1.6	2
910	Microplastics in the Freshwater and Earthbound Conditions: Prevalence, Destinies, Impacts, and Supportable Arrangements., 2023, , 15-36.		0
913	Standard Operating Procedure for the Analysis of Microplastics in Larval Fish Diets. , 0, , .		0
925	Review of microplastics in lakes: sources, distribution characteristics, and environmental effects., 2023, 2, .		7
928	Microplastics: a review of their impacts on different life forms and their removal methods. Environmental Science and Pollution Research, 2023, 30, 86632-86655.	2.7	5
931	Recovery, challenges, and remediation of microplastics in drinking water., 2023,, 205-238.		0
936	Microplastic Sources, Transport, Exposure, Analysis and Removal. Environmental Chemistry for A Sustainable World, 2023, , 175-209.	0.3	0

#	Article	IF	CITATIONS
946	Microplastic Pollution in the Qinghai–Tibet Plateau: Current State and Future Perspectives. Reviews of Environmental Contamination and Toxicology, 2023, 261, .	0.7	0
950	Global hotspots and trends in interactions of microplastics and heavy metals: a bibliometric analysis and literature review. Environmental Science and Pollution Research, 2023, 30, 93309-93322.	2.7	8
953	Impact of Microplastics on Flora and Fauna. , 2023, , 45-68.		0
959	Occurrence and Source of Microplastic in the Environment. , 2023, , 18-44.		0
962	Microplastics in the Environment: Its Sources, Occurrence, Impact on Human Health and Environment. Lecture Notes in Civil Engineering, 2024, , 267-288.	0.3	0
963	The bioaccessibility of adsorped heavy metals on biofilm-coated microplastics and their implication for the progression of neurodegenerative diseases. Environmental Monitoring and Assessment, 2023, 195, .	1.3	0
968	Microplastics as contaminants in the Brazilian environment: an updated review. Environmental Monitoring and Assessment, 2023, 195, .	1.3	0
969	Impact of flooding on microplastic abundance and distribution in freshwater environment: a review. Environmental Science and Pollution Research, 2023, 30, 118175-118191.	2.7	0
978	Status of Microplastic Pollution in the Freshwater Ecosystems. , 2023, , 161-179.		0
982	Microplastic Pollution in Aquatic Environment: Ecotoxicological Effects and Bioremediation Prospects. , 2023, , 297-324.		0
997	Remediation strategies for the removal of microplastics from the water., 2024, , 191-200.		0
998	Occurrence and fate of microplastics in urban water management systems. , 2024, , 181-228.		0
1013	Environmental Occurrence and Contemporary Health Issues of Micro Plastics. Environmental Science and Engineering, 2024, , 113-136.	0.1	0
1022	Impact of Microplastics and Nanoplastics in the Aquatic Environment. , 2024, , 25-68.		O