

Occurrence of microplastics in the Han River and riveri

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Identification and characterization of micro-plastics in the marine environment: A mini review. Marine Pollution Bulletin, 2020, 160, 111704.	2.3	27
2	Microplastics in Freshwater: What Is the News from the World?. Diversity, 2020, 12, 276.	0.7	97
3	Environmental perspectives of microplastic pollution in the aquatic environment: a review. Marine Life Science and Technology, 2020, 2, 414-430.	1.8	36
4	Microplastics in Food: A Review on Analytical Methods and Challenges. International Journal of Environmental Research and Public Health, 2020, 17, 6710.	1.2	89
5	Distributions of Microplastics in Surface Water, Fish, and Sediment in the Vicinity of a Sewage Treatment Plant. Water (Switzerland), 2020, 12, 3333.	1.2	45
6	Microplastics in wild freshwater fish of different feeding habits from Beijiang and Pearl River Delta regions, south China. Chemosphere, 2020, 258, 127345.	4.2	87
7	Ingestion and effects of virgin polyamide microplastics on Chironomus riparius adult larvae and adult zebrafish Danio rerio. Chemosphere, 2020, 259, 127456.	4.2	43
8	Occurrence and distribution of microplastics in commercial fishes from estuarine areas of Guangdong, South China. Chemosphere, 2020, 260, 127656.	4.2	53
9	Distribution and characteristics of microplastics in urban waters of seven cities in the Tuojiang River basin, China. Environmental Research, 2020, 189, 109893.	3.7	85
10	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
11	Proinflammatory properties and lipid disturbance of polystyrene microplastics in the livers of mice with acute colitis. Science of the Total Environment, 2021, 750, 143085.	3.9	98
12	Microplastics in fish and fishmeal: an emerging environmental challenge?. Scientific Reports, 2021, 11, 2045.	1.6	146
13	Stable Isotope Insights into Microplastic Contamination within Freshwater Food Webs. Environmental Science & Technology, 2021, 55, 1024-1035.	4.6	47
14	Preliminary indoor evidences of microplastic effects on freshwater benthic macroinvertebrates. Scientific Reports, 2021, 11, 720.	1.6	32
15	Microplastics in freshwater fishes: Occurrence, impacts and future perspectives. Fish and Fisheries, 2021, 22, 467-488.	2.7	63
16	Microplastics in surface waters of the Wei River, China. E3S Web of Conferences, 2021, 251, 02090.	0.2	0
17	Effect of the Human Utilization of Northern Snakehead (Channa argus Cantor, 1842) on the Settlement of Exotic Fish and Cladoceran Community Structure. Sustainability, 2021, 13, 2486.	1.6	6
18	Plastic pollution: A focus on freshwater biodiversity. Ambio, 2021, 50, 1313-1324.	2.8	64

#	ARTICLE	IF	CITATIONS
19	No prominent toxicity of polyethylene microplastics observed in neonatal mice following intratracheal instillation to dams during gestational and neonatal period. <i>Toxicological Research</i> , 2021, 37, 443-450.	1.1	20
20	Use of aromatic root vegetables in the technology of freshwater fish preserves. <i>Potravinarstvo</i> , 0, 15, 296-305.	0.5	11
21	Microplastic in angling baits as a cryptic source of contamination in European freshwaters. <i>Scientific Reports</i> , 2021, 11, 11255.	1.6	12
22	Microplastics contamination in food and beverages: Direct exposure to humans. <i>Journal of Food Science</i> , 2021, 86, 2816-2837.	1.5	76
23	Micro and Nano Plastics Distribution in Fish as Model Organisms: Histopathology, Blood Response and Bioaccumulation in Different Organs. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5768.	1.3	59
24	Nano and microplastic interactions with freshwater biota – Current knowledge, challenges and future solutions. <i>Environment International</i> , 2021, 152, 106504.	4.8	91
25	How do humans recognize and face challenges of microplastic pollution in marine environments? A bibliometric analysis. <i>Environmental Pollution</i> , 2021, 280, 116959.	3.7	24
26	Micro-abrasive glass surface for producing microplastics for biological tests. <i>Wear</i> , 2021, 477, 203816.	1.5	6
27	Freshwater wild biota exposure to microplastics: A global perspective. <i>Ecology and Evolution</i> , 2021, 11, 9904-9916.	0.8	17
28	Abundance, interaction, ingestion, ecological concerns, and mitigation policies of microplastic pollution in riverine ecosystem: A review. <i>Science of the Total Environment</i> , 2021, 782, 146695.	3.9	147
29	Abundance, characteristics and variation of microplastics in different freshwater fish species from Bangladesh. <i>Science of the Total Environment</i> , 2021, 784, 147137.	3.9	91
30	Do Freshwater Fish Eat Microplastics? A Review with A Focus on Effects on Fish Health and Predictive Traits of MPs Ingestion. <i>Water (Switzerland)</i> , 2021, 13, 2214.	1.2	31
31	Microplastic Occurrence in the Water and Sediment of Miri River Estuary, Borneo Island. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	30
32	Microplastics in four bivalve species and basis for using bivalves as bioindicators of microplastic pollution. <i>Science of the Total Environment</i> , 2021, 782, 146830.	3.9	115
33	Microplastic concentrations, characteristics, and fluxes in water bodies of the Tollense catchment, Germany, with regard to different sampling systems. <i>Environmental Science and Pollution Research</i> , 2022, 29, 11345-11358.	2.7	12
34	Microplastic pollution in an urbanized river affected by water diversion: Combining with active biomonitoring. <i>Journal of Hazardous Materials</i> , 2021, 417, 126058.	6.5	44
35	Microplastics and Nanoplastics: Emerging Contaminants in Food. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 10450-10468.	2.4	66
36	What You Net Depends on if You Grab: A Meta-analysis of Sampling Method's Impact on Measured Aquatic Microplastic Concentration. <i>Environmental Science & Technology</i> , 2021, 55, 12930-12942.	4.6	6

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37	Spatial characteristics of microplastics in the high-altitude area on the Tibetan Plateau. <i>Journal of Hazardous Materials</i> , 2021, 417, 126034.	6.5	44
38	Effects of garbage salvaging and suspended crossbar on microplastic pollution along a typical urban river. <i>Environmental Geochemistry and Health</i> , 2022, 44, 3239-3248.	1.8	2
39	Occurrence of Microplastics in the Gastrointestinal Tract and Gills of Fish from Guangdong, South China. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 981.	1.2	25
40	Characterization and comparison of microplastic occurrence in point and non-point pollution sources. <i>Science of the Total Environment</i> , 2021, 797, 148939.	3.9	22
41	Recent advances on ecological effects of microplastics on soil environment. <i>Science of the Total Environment</i> , 2021, 798, 149338.	3.9	141
42	Microplastic contamination assessment in water and economic fishes in different trophic guilds from an urban water supply reservoir after flooding. <i>Journal of Environmental Management</i> , 2021, 299, 113667.	3.8	22
43	Effects of ingestion of polyethylene microplastics on survival rate, opercular respiration rate and swimming performance of African catfish (<i>Clarias gariepinus</i>). <i>Journal of Hazardous Materials</i> , 2022, 423, 127237.	6.5	36
44	Are your shoes safe for the environment? – Toxicity screening of leachates from microplastic fragments of shoe soles using freshwater organisms. <i>Journal of Hazardous Materials</i> , 2022, 421, 126779.	6.5	19
45	Microplastic pollution in surface water from east coastal areas of Guangdong, South China and preliminary study on microplastics biomonitoring using two marine fish. <i>Chemosphere</i> , 2020, 256, 127202.	4.2	66
46	Distribution patterns of microplastics in various tissues of the Zhikong scallop (<i>Chlamys farreri</i>) and in the surrounding culture seawater. <i>Marine Pollution Bulletin</i> , 2020, 160, 111595.	2.3	26
47	Levels of Phthalates, Bisphenol-A, Nonylphenol, and Microplastics in Fish in the Estuaries of Northern Taiwan and the Impact on Human Health. <i>Toxics</i> , 2021, 9, 246.	1.6	24
48	Are Rural and Small Community Aerated Wastewater Stabilization Ponds a Neglected Source of Microplastic Pollution?. <i>Water (Switzerland)</i> , 2021, 13, 2833.	1.2	4
49	Microplastics in fillets of Mediterranean seafood. A risk assessment study. <i>Environmental Research</i> , 2022, 204, 112247.	3.7	31
50	Fate and Behavior of Microplastics in Freshwater Systems. , 2020, , 1-31.		1
51	Toxicities Demonstrated in Dams and Neonates following Intragastric Intubation of Polyethylene Microplastics to Pregnant Mice. <i>Korean Journal of Environmental Health Sciences</i> , 2021, 47, 446-453.	0.1	2
52	Microplastics in the bogue, Boops boops: A snapshot of the past from the southern Tyrrhenian Sea. <i>Journal of Hazardous Materials</i> , 2022, 424, 127669.	6.5	15
53	Fate, source and mass budget of sedimentary microplastics in the Bohai Sea and the Yellow Sea. <i>Environmental Pollution</i> , 2022, 294, 118640.	3.7	16
54	Identification and Quantification of Microplastics in Aquaculture Environment. <i>Frontiers in Marine Science</i> , 2022, 8, .	1.2	16

#	ARTICLE	IF	CITATIONS
55	Microplastics in Asian freshwater ecosystems: Current knowledge and perspectives. <i>Science of the Total Environment</i> , 2022, 808, 151989.	3.9	34
56	Occurrence and characteristics of microplastics in fish of the Han River, South Korea: Factors affecting microplastic abundance in fish. <i>Environmental Research</i> , 2022, 206, 112647.	3.7	22
57	Oxidative stress responses of microplastic-contaminated <i>Gambusia affinis</i> obtained from the Brantas River in East Java, Indonesia. <i>Chemosphere</i> , 2022, 293, 133543.	4.2	19
58	A review of microplastic pollution in commercial fish for human consumption. <i>Reviews on Environmental Health</i> , 2023, 38, 97-109.	1.1	16
59	Plastic pollution in marine and freshwater environments: abundance, sources, and mitigation. , 2022, , 241-274.		11
60	Suspected microplastics in Atlantic horse mackerel fish (<i>Trachurus trachurus</i>) captured in Portugal. <i>Marine Pollution Bulletin</i> , 2022, 174, 113249.	2.3	20
61	Impacts of nanoplastics on life-history traits of marine rotifer (<i>Brachionus plicatilis</i>) are recovered after being transferred to clean seawater. <i>Environmental Science and Pollution Research</i> , 2022, 29, 42780-42791.	2.7	9
62	Occurrence of Microplastics in Freshwater. <i>Emerging Contaminants and Associated Treatment Technologies</i> , 2022, , 201-226.	0.4	3
63	Urban drainage channels as microplastics pollution hotspots in developing areas: A case study in Da Nang, Vietnam. <i>Marine Pollution Bulletin</i> , 2022, 175, 113323.	2.3	19
64	Characteristics and differences of microplastics ingestion for farmed fish with different water depths, feeding habits and diets. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107189.	3.3	14
65	Removal of polystyrene nanoplastics from water by Cu Ni carbon material: The role of adsorption. <i>Science of the Total Environment</i> , 2022, 820, 153190.	3.9	33
66	Preliminary screening of microplastic contamination in different marine fish species of Taif market, Saudi Arabia. <i>Open Life Sciences</i> , 2022, 17, 333-343.	0.6	4
67	Fate and Behavior of Microplastics in Freshwater Systems. , 2022, , 781-811.		1
68	Differences in microplastic distributions on the surface freshwater collected using 100µm and 355µm meshes. <i>Environmental Monitoring and Contaminants Research</i> , 2022, 2, 22-34.	0.4	4
70	Distribution and translocation of micro- and nanoplastics in fish. <i>Critical Reviews in Toxicology</i> , 2021, 51, 740-753.	1.9	26
71	Assessment of Spatiotemporal Variations in the Water Quality of the Han River Basin, South Korea, Using Multivariate Statistical and APCS-MLR Modeling Techniques. <i>Agronomy</i> , 2021, 11, 2469.	1.3	6
72	Controlling Factors of Microplastic Riverine Flux and Implications for Reliable Monitoring Strategy. <i>Environmental Science & Technology</i> , 2022, 56, 48-61.	4.6	35
73	Occurrence, Fate and Removal of Microplastics in Wastewater Treatment Plants (WWTPs) and Drinking Water Treatment Plants (DWTPs). <i>Environmental Footprints and Eco-design of Products and Processes</i> , 2022, , 223-245.	0.7	0

#	ARTICLE	IF	CITATIONS
74	Microplastics in freshwater environment: occurrence, analysis, impact, control measures and challenges. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 6865-6896.	1.8	10
75	Microplastic pollution in fragile coastal ecosystems with special reference to the X-Press Pearl maritime disaster, southeast coast of India. <i>Environmental Pollution</i> , 2022, 305, 119297.	3.7	16
76	A global review of microplastics in wastewater treatment plants: Understanding their occurrence, fate and impact. <i>Environmental Research</i> , 2022, 212, 113258.	3.7	20
77	Different land uses influenced on characteristics and distribution of microplastics in Qarasu Basin Rivers, Gorgan Bay, Caspian Sea. <i>Environmental Science and Pollution Research</i> , 2022, 29, 64031-64039.	2.7	5
78	Evaluation of Liver Toxicity of Neonates Following Intragastric Administration or Intratracheal Instillation of Polyethylene Microplastics to Pregnant Mice. <i>Korean Journal of Environmental Health Sciences</i> , 2022, 48, 106-115.	0.1	1
80	First biomonitoring of microplastic pollution in the Vaal river using Carp fish (<i>Cyprinus carpio</i>) as a bio-indicator. <i>Science of the Total Environment</i> , 2022, 836, 155623.	3.9	25
81	In Vivo Toxicity and Pharmacokinetics of Polytetrafluoroethylene Microplastics in ICR Mice. <i>Polymers</i> , 2022, 14, 2220.	2.0	12
82	Distinct microplastic patterns in the sediment and biota of an urban stream. <i>Science of the Total Environment</i> , 2022, 838, 156477.	3.9	12
83	Transgenerational effects of polyethylene microplastic fragments containing benzophenone-3 additive in <i>Daphnia magna</i> . <i>Journal of Hazardous Materials</i> , 2022, 436, 129225.	6.5	18
84	Surface water, sediment, and biota: The first multi-compartment analysis of microplastics in the Karnafully river, Bangladesh. <i>Marine Pollution Bulletin</i> , 2022, 180, 113820.	2.3	36
85	Size-dependent seizurogenic effect of polystyrene microplastics in zebrafish embryos. <i>Journal of Hazardous Materials</i> , 2022, 439, 129616.	6.5	24
86	Tracing Land-Based Microplastic Sources in Coastal Waters of Zhanjiang Bay, China: Spatiotemporal Pattern, Composition, and Flux. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	3
87	A systematic review and risk matrix of plastic litter impacts on aquatic wildlife: A case study of the Mekong and Ganges River Basins. <i>Science of the Total Environment</i> , 2022, 843, 156858.	3.9	16
88	Cause of microfibers found in the domestic washing process of clothing; focusing on the manufacturing, wearing, and washing processes. <i>Fashion and Textiles</i> , 2022, 9, .	1.3	8
89	Ecological Traits of Fish for Mercury Biomonitoring: Insights from Compound-Specific Nitrogen and Stable Mercury Isotopes. <i>Environmental Science & Technology</i> , 2022, 56, 10808-10817.	4.6	4
90	Occurrence of Microplastics in the Gastrointestinal Tracts of Edible Fishes from South Indian Rivers. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2022, 109, 1023-1028.	1.3	6
91	Development and validation of analytical methods for detecting and identifying microplastics in salts, soy sauce, and salted pollock roe. <i>Journal of Food Composition and Analysis</i> , 2022, 114, 104856.	1.9	6
92	Microbial community niches on microplastics and prioritized environmental factors under various urban riverine conditions. <i>Science of the Total Environment</i> , 2022, 849, 157781.	3.9	14

#	ARTICLE	IF	CITATIONS
93	Microplastic ingestion evidence by economically important farmed fish species from Turkey. <i>Marine Pollution Bulletin</i> , 2022, 183, 114097.	2.3	15
94	How many microplastics do we ingest when using disposable drink cups?. <i>Journal of Hazardous Materials</i> , 2023, 441, 129982.	6.5	28
95	Microplastics in urban freshwater streams in Adelaide, Australia: A source of plastic pollution in the Gulf St Vincent. <i>Science of the Total Environment</i> , 2023, 856, 158672.	3.9	14
96	Microplastic pollution and characteristics in the surface waters of the middle and lower reaches of the Han River along Hubei Province, China. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 10205-10216.	1.8	4
97	Overview of microplastics in the environment: type, source, potential effects and removal strategies. <i>Bioprocess and Biosystems Engineering</i> , 2023, 46, 429-441.	1.7	5
98	Pharmaceutical and Microplastic Pollution before and during the COVID-19 Pandemic in Surface Water, Wastewater, and Groundwater. <i>Water (Switzerland)</i> , 2022, 14, 3082.	1.2	9
99	Microplastics as Contaminants in Water Bodies and Their Threat to the Aquatic Animals: A Mini-Review. <i>Animals</i> , 2022, 12, 2864.	1.0	7
100	Spatiotemporal characteristics of microplastics in a university wastewater treatment plant: Influence of sudden on-campus population swings. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108834.	3.3	4
101	Examining the release of synthetic microfibrils to the environment via two major pathways: Atmospheric deposition and treated wastewater effluent. <i>Science of the Total Environment</i> , 2023, 857, 159317.	3.9	21
102	Microplastics in different fish and shellfish species in the mangrove estuary of Bangladesh and evaluation of human exposure. <i>Science of the Total Environment</i> , 2023, 858, 159754.	3.9	18
103	Microplastics in Surface Waters and Floodplain Sediments of the Dagu River in the Jiaodong Peninsula, China. <i>Journal of Ocean University of China</i> , 2022, 21, 1538-1548.	0.6	6
104	Total organic carbon content as an index to estimate the sorption capacity of micro- and nano-plastics for hydrophobic organic contaminants. <i>Chemosphere</i> , 2023, 313, 137374.	4.2	6
105	Occurrence, characteristics, and removal of microplastics in wastewater treatment plants located on the Moroccan Atlantic: The case of Agadir metropolis. <i>Science of the Total Environment</i> , 2023, 862, 160815.	3.9	32
106	Current levels and composition profiles of microplastics in irrigation water. <i>Environmental Pollution</i> , 2023, 318, 120858.	3.7	10
107	Occurrence of Microplastics in Riverine Fishes Sold for Human Consumption in Chhattisgarh, India. <i>Water, Air, and Soil Pollution</i> , 2022, 233, .	1.1	0
108	Effects of polystyrene nanoplastics on oxidative stress, histopathology and intestinal microbiota in largemouth bass (<i>Micropterus salmoides</i>). <i>Aquaculture Reports</i> , 2022, 27, 101423.	0.7	4
109	Environmental Risks of Microplastics on the Spatial and Temporal Gradient in a River Originating from the Western Himalayas. <i>Environmental Toxicology and Chemistry</i> , 0, .	2.2	1
110	Spatial and Temporal Distribution and Ecological Risk Assessment of Microplastic Pollution of Inland Fishing Ground in the Ubolratana Reservoir, Thailand. <i>Water (Switzerland)</i> , 2023, 15, 330.	1.2	4

#	ARTICLE	IF	CITATIONS
111	Temporal and spatial distribution of microplastic in the sediment of the Han River, South Korea. <i>Chemosphere</i> , 2023, 317, 137831.	4.2	11
112	Understanding the underestimated: Occurrence, distribution, and interactions of microplastics in the sediment and soil of China, India, and Japan. <i>Environmental Pollution</i> , 2023, 320, 120978.	3.7	12
113	Freshwater Fish Siberian Dace Ingest Microplastics in the Remote Yenisei Tributary. <i>Toxics</i> , 2023, 11, 38.	1.6	1
114	Microplastics in mainstem Mississippi River fishes. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	2
115	Spatiotemporal trends and characteristics of microplastic contamination in a large river-dominated estuary. <i>Environmental Sciences: Processes and Impacts</i> , 2023, 25, 929-940.	1.7	3
116	Microplastics in the Ganga-Brahmaputra delta: Sources and Pathways to the Sundarbans Biosphere Reserve - an UNESCO World Heritage Centre. <i>Environmental Advances</i> , 2023, 11, 100350.	2.2	5
117	Microplastic pollution in the Himalayas: Occurrence, distribution, accumulation and environmental impacts. <i>Science of the Total Environment</i> , 2023, 874, 162495.	3.9	17
118	Adsorption behavior of triclosan on microplastics and their combined acute toxicity to <i>D. magna</i> . <i>Science of the Total Environment</i> , 2023, 880, 163290.	3.9	3
119	Characterization of microplastic pollution in the Pasur river of the Sundarbans ecosystem (Bangladesh) with emphasis on water, sediments, and fish. <i>Science of the Total Environment</i> , 2023, 868, 161704.	3.9	15
120	Microplastics in surface waters of tropical estuaries around a densely populated Brazilian bay. <i>Environmental Pollution</i> , 2023, 323, 121224.	3.7	5
121	Identifying the presence of microplastics in frogs from the largest delta of the world. <i>Environmental Advances</i> , 2023, 11, 100355.	2.2	4
122	Microplastic occurrence and ecological risk assessment in the eight outlets of the Pearl River Estuary, a new insight into the riverine microplastic input to the northern South China Sea. <i>Marine Pollution Bulletin</i> , 2023, 189, 114719.	2.3	6
123	The measurement of food safety and security risks associated with micro- and nanoplastic pollution. <i>TrAC - Trends in Analytical Chemistry</i> , 2023, 161, 116993.	5.8	9
124	Microplastics in aquatic and atmospheric environments: Recent advancements and future perspectives. , 2023, , 49-84.		0
126	A review on effects of microplastics on animal, environment and human health considering One Health perspective. <i>Journal of the Geological Society of Korea</i> , 2023, 59, 365-377.	0.3	3
127	Exploring microplastic pollution in a Mediterranean river: The role of introduced species as bioindicators. <i>Heliyon</i> , 2023, 9, e15069.	1.4	2
128	Immunodysregulatory potentials of polyethylene or polytetrafluorethylene microplastics to mice subacutely exposed via intragastric intubation. <i>Toxicological Research</i> , 2023, 39, 419-427.	1.1	1
150	Impact of flooding on microplastic abundance and distribution in freshwater environment: a review. <i>Environmental Science and Pollution Research</i> , 2023, 30, 118175-118191.	2.7	0

#	ARTICLE	IF	CITATIONS
155	Factors affecting the accumulation of organotins by wild fish: A case study in the Three Gorges Reservoir, China. Environmental Science and Pollution Research, 0, , .	2.7	0
157	Status of Microplastic Pollution in the Freshwater Ecosystems. , 2023, , 161-179.		0
160	Microplastic in fishes: the first report from a Himalayan River “ Alaknanda. Environmental Science and Pollution Research, 2024, 31, 1637-1643.	2.7	0
163	Sampling and analyzing microplastics in rivers: What methods are being used after a decade of research?. , 2024, , 65-91.		0