

List of Publications by Citations

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

197 papers	7,521 citations	45 h-index	80 g-index
203 ext. papers	10,807 ext. citations	7.5 avg, IF	7.21 L-index

#	Paper	IF	Citations
197	KaKs_Calculator: calculating Ka and Ks through model selection and model averaging. <i>Genomics, Proteomics and Bioinformatics</i> , <b>2006</b> , 4, 259-63	6.5	657
196	Microplastics pollution in inland freshwaters of China: A case study in urban surface waters of Wuhan, China. <i>Science of the Total Environment</i> , <b>2017</b> , 575, 1369-1374	10.2	426
195	Microplastics in surface waters and sediments of the Three Gorges Reservoir, China. <i>Science of the Total Environment</i> , <b>2018</b> , 616-617, 1620-1627	10.2	348
194	Microplastic abundance, distribution and composition in water, sediments, and wild fish from Poyang Lake, China. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 170, 180-187	7	233
193	Microplastics in surface waters of Dongting Lake and Hong Lake, China. <i>Science of the Total Environment</i> , <b>2018</b> , 633, 539-545	10.2	194
192	Microplastic abundance, distribution and composition in the Pearl River along Guangzhou city and Pearl River estuary, China. <i>Chemosphere</i> , <b>2019</b> , 217, 879-886	8.4	183
191	Mini-review of microplastics in the atmosphere and their risks to humans. <i>Science of the Total Environment</i> , <b>2020</b> , 703, 135504	10.2	166
190	High levels of microplastic pollution in the sediments and benthic organisms of the South Yellow Sea, China. <i>Science of the Total Environment</i> , <b>2019</b> , 651, 1661-1669	10.2	157
189	Transfer and fate of microplastics during the conventional activated sludge process in one wastewater treatment plant of China. <i>Chemical Engineering Journal</i> , <b>2019</b> , 362, 176-182	14.7	155
188	Comparative evaluation of sorption kinetics and isotherms of pyrene onto microplastics. <i>Chemosphere</i> , <b>2018</b> , 193, 567-573	8.4	153
187	Characterization of microplastics and the association of heavy metals with microplastics in suburban soil of central China. <i>Science of the Total Environment</i> , <b>2019</b> , 694, 133798	10.2	137
186	The Tartary Buckwheat Genome Provides Insights into Rutin Biosynthesis and Abiotic Stress Tolerance. <i>Molecular Plant</i> , <b>2017</b> , 10, 1224-1237	14.4	134
185	Investigation of microplastics in aquatic environments: An overview of the methods used, from field sampling to laboratory analysis. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 108, 195-202	14.6	128
184	Polystyrene microplastics cause tissue damages, sex-specific reproductive disruption and transgenerational effects in marine medaka ( <i>Oryzias melastigma</i> ). <i>Environmental Pollution</i> , <b>2019</b> , 254, 113024	9.3	121
183	Microplastic pollution in vegetable farmlands of suburb Wuhan, central China. <i>Environmental Pollution</i> , <b>2020</b> , 257, 113449	9.3	117
182	Different partition of polycyclic aromatic hydrocarbon on environmental particulates in freshwater: Microplastics in comparison to natural sediment. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 147, 648-655	7	105
181	Evaluation of adsorption potential of bamboo biochar for metal-complex dye: equilibrium, kinetics and artificial neural network modeling. <i>International Journal of Environmental Science and Technology</i> , <b>2014</b> , 11, 1093-1100	3.3	100

180	Engineered Struvite Precipitation: Impacts of Component-Ion Molar Ratios and pH. <i>Journal of Environmental Engineering, ASCE</i> , <b>2005</b> , 131, 1433-1440	2	92
179	Ecotoxicological effects of microplastics and cadmium on the earthworm <i>Eisenia foetida</i> . <i>Journal of Hazardous Materials</i> , <b>2020</b> , 392, 122273	12.8	90
178	Current practices and future perspectives of microplastic pollution in freshwater ecosystems in China. <i>Science of the Total Environment</i> , <b>2019</b> , 691, 697-712	10.2	87
177	Antibiotics in surface water and sediments from Hanjiang River, Central China: Occurrence, behavior and risk assessment. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 157, 150-158	7	82
176	Antibiotic resistance genes in surface water of eutrophic urban lakes are related to heavy metals, antibiotics, lake morphology and anthropic impact. <i>Ecotoxicology</i> , <b>2017</b> , 26, 831-840	2.9	81
175	Rapid determination of the geographical origin of honey based on protein fingerprinting and barcoding using MALDI TOF MS. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 10081-8	5.7	80
174	Rapid analysis of glucose, fructose, sucrose, and maltose in honeys from different geographic regions using fourier transform infrared spectroscopy and multivariate analysis. <i>Journal of Food Science</i> , <b>2010</b> , 75, C208-14	3.4	79
173	Chemical composition, characterization, and differentiation of honey botanical and geographical origins. <i>Advances in Food and Nutrition Research</i> , <b>2011</b> , 62, 89-137	6	74
172	Antibiotic resistance genes in lakes from middle and lower reaches of the Yangtze River, China: Effect of land use and sediment characteristics. <i>Chemosphere</i> , <b>2017</b> , 178, 19-25	8.4	72
171	Multiple degradation pathways of phenanthrene by C6. <i>International Biodeterioration and Biodegradation</i> , <b>2013</b> , 79, 98-104	4.8	69
170	Interactions of microplastics and antibiotic resistance genes and their effects on the aquaculture environments. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 403, 123961	12.8	67
169	Concentrations, distribution, sources and risk assessment of organohalogenated contaminants in soils from Kenya, Eastern Africa. <i>Environmental Pollution</i> , <b>2016</b> , 209, 177-85	9.3	66
168	Defense responses in earthworms ( <i>Eisenia fetida</i> ) exposed to low-density polyethylene microplastics in soils. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 187, 109788	7	66
167	Passive air sampling of DDT, chlordane and HCB in the Pearl River Delta, South China: implications to regional sources. <i>Journal of Environmental Monitoring</i> , <b>2007</b> , 9, 582-8		62
166	Concentrations, bioaccumulation, and human health risk assessment of organochlorine pesticides and heavy metals in edible fish from Wuhan, China. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 15866-79	5.1	59
165	Efficient and stable photocatalytic degradation of tetracycline wastewater by 3D Polyaniline/Perylene diimide organic heterojunction under visible light irradiation. <i>Chemical Engineering Journal</i> , <b>2020</b> , 397, 125476	14.7	58
164	Microplastic pollution in water and fish samples around Nanxun Reef in Nansha Islands, South China Sea. <i>Science of the Total Environment</i> , <b>2019</b> , 696, 134022	10.2	57
163	White spot syndrome virus (WSSV) infection impacts intestinal microbiota composition and function in <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 84, 130-137	4.3	57

162	Tetracyclines, sulfonamides and quinolones and their corresponding resistance genes in the Three Gorges Reservoir, China. <i>Science of the Total Environment</i> , <b>2018</b> , 631-632, 840-848	10.2	54
161	Typhoons increase the abundance of microplastics in the marine environment and cultured organisms: A case study in Sanggou Bay, China. <i>Science of the Total Environment</i> , <b>2019</b> , 667, 1-8	10.2	53
160	Fourier transform infrared spectroscopy for Kona coffee authentication. <i>Journal of Food Science</i> , <b>2009</b> , 74, C385-91	3.4	50
159	Composition, distribution and risk assessment of organochlorine pesticides in soils from the Midway Atoll, North Pacific Ocean. <i>Science of the Total Environment</i> , <b>2013</b> , 452-453, 421-6	10.2	49
158	Endocrine-active chemicals in mammary cancer causation and prevention. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2012</b> , 129, 191-200	5.1	48
157	Mini-review on current studies of airborne microplastics: Analytical methods, occurrence, sources, fate and potential risk to human beings. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 125, 115821	14.6	47
156	Greenland Sea Gyre increases microplastic pollution in the surface waters of the Nordic Seas. <i>Science of the Total Environment</i> , <b>2020</b> , 712, 136484	10.2	47
155	Microplastic pollution research methodologies, abundance, characteristics and risk assessments for aquatic biota in China. <i>Environmental Pollution</i> , <b>2020</b> , 266, 115098	9.3	46
154	Antibiotics and Antibiotic Resistance Genes in Sediment of Honghu Lake and East Dongting Lake, China. <i>Microbial Ecology</i> , <b>2016</b> , 72, 791-801	4.4	46
153	Manuscript prepared for submission to environmental toxicology and pharmacology pollution in drinking water source areas: Microplastics in the Danjiangkou Reservoir, China. <i>Environmental Toxicology and Pharmacology</i> , <b>2019</b> , 65, 82-89	5.8	46
152	An overview of analytical methods for detecting microplastics in the atmosphere. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 130, 115981	14.6	42
151	Concentrations, Distribution, and Ecological Risk Assessment of Heavy Metals in the East Dongting and Honghu Lake, China. <i>Exposure and Health</i> , <b>2016</b> , 8, 31-41	8.8	42
150	Concentrations, source and risk assessment of polycyclic aromatic hydrocarbons in soils from midway atoll, north pacific ocean. <i>PLoS ONE</i> , <b>2014</b> , 9, e86441	3.7	41
149	Toxicological effects of microplastics and heavy metals on the <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , <b>2020</b> , 746, 141254	10.2	38
148	Occurrence, composition and risk assessment of antibiotics in soils from Kenya, Africa. <i>Ecotoxicology</i> , <b>2016</b> , 25, 1194-201	2.9	38
147	Concentration, Distribution, Source, and Risk Assessment of PAHs and Heavy Metals in Surface Water from the Three Gorges Reservoir, China. <i>Human and Ecological Risk Assessment (HERA)</i> , <b>2015</b> , 21, 1593-1607	4.9	37
146	Tiered probabilistic assessment of organohalogen compounds in the Han River and Danjiangkou Reservoir, central China. <i>Science of the Total Environment</i> , <b>2017</b> , 586, 163-173	10.2	36
145	Distribution characteristics of microplastics in Zhubi Reef from South China Sea. <i>Environmental Pollution</i> , <b>2019</b> , 255, 113133	9.3	36

144	Toxicological effects of microplastics and phenanthrene to zebrafish ( <i>Danio rerio</i> ). <i>Science of the Total Environment</i> , <b>2021</b> , 757, 143730	10.2	36
143	Distribution and ecological assessment of heavy metals in surface sediments of the East Lake, China. <i>Ecotoxicology</i> , <b>2014</b> , 23, 92-101	2.9	35
142	Residues of organochlorine pesticides in honeys from different geographic regions. <i>Food Research International</i> , <b>2010</b> , 43, 2329-2334	7	35
141	Microplastics in wild freshwater fish of different feeding habits from Beijiang and Pearl River Delta regions, south China. <i>Chemosphere</i> , <b>2020</b> , 258, 127345	8.4	34
140	The effects of high-density polyethylene and polypropylene microplastics on the soil and earthworm <i>Metaphire guillelmi</i> gut microbiota. <i>Chemosphere</i> , <b>2021</b> , 267, 129219	8.4	33
139	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> , <b>2020</b> , 256, 127202	8.4	32
138	Health risk assessment by consumption of vegetables irrigated with reclaimed waste water: A case study in Thika (Kenya). <i>Journal of Environmental Management</i> , <b>2019</b> , 231, 576-581	7.9	32
137	Occurrence and distribution of endocrine-disrupting compounds in the Honghu Lake and East Dongting Lake along the Central Yangtze River, China. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 17644-52	5.1	31
136	Concentrations, distributions, sources, and risk assessment of organochlorine pesticides in surface water of the East Lake, China. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 3041-50	5.1	31
135	Occurrence, distribution and seasonal variations of polychlorinated biphenyls and polybrominated diphenyl ethers in surface waters of the East Lake, China. <i>Chemosphere</i> , <b>2014</b> , 103, 256-62	8.4	31
134	Occurrence, distribution and risk assessment of polychlorinated biphenyls and polybrominated diphenyl ethers in nine water sources. <i>Ecotoxicology and Environmental Safety</i> , <b>2015</b> , 115, 55-61	7	31
133	New Perspective on the Nanoplastics Disrupting the Reproduction of an Endangered Fern in Artificial Freshwater. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 12715-12724	10.3	30
132	The cytotoxic and genotoxic effects of metalaxyl-M on earthworms ( <i>Eisenia fetida</i> ). <i>Environmental Toxicology and Chemistry</i> , <b>2014</b> , 33, 2344-50	3.8	30
131	Combined effects of mulch film-derived microplastics and atrazine on oxidative stress and gene expression in earthworm ( <i>Eisenia fetida</i> ). <i>Science of the Total Environment</i> , <b>2020</b> , 746, 141280	10.2	30
130	Microplastics Pollution and Risk Assessment in an Urban River: A Case Study in the Yongjiang River, Nanning City, South China. <i>Exposure and Health</i> , <b>2020</b> , 12, 141-151	8.8	30
129	Concentrations, distribution, sources, and ecological risk assessment of heavy metals in agricultural topsoil of the Three Gorges Dam region, China. <i>Environmental Monitoring and Assessment</i> , <b>2015</b> , 187, 147	3.1	29
128	Characterization of microplastics in the surface seawater of the South Yellow Sea as affected by season. <i>Science of the Total Environment</i> , <b>2020</b> , 724, 138375	10.2	29
127	Feasibility of using visible and near-infrared reflectance spectroscopy to monitor heavy metal contaminants in urban lake sediment. <i>Catena</i> , <b>2018</b> , 162, 72-79	5.8	29

126	Soil types influence the characteristic of antibiotic resistance genes in greenhouse soil with long-term manure application. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 392, 122334	12.8	28
125	Occurrences and toxicological risk assessment of eight heavy metals in agricultural soils from Kenya, Eastern Africa. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 18533-41	5.1	28
124	Impact of calcium on struvite crystallization in the wastewater and its competition with magnesium. <i>Chemical Engineering Journal</i> , <b>2019</b> , 378, 122121	14.7	28
123	The arsenic contamination of rice in Guangdong Province, the most economically dynamic provinces of China: arsenic speciation and its potential health risk. <i>Environmental Geochemistry and Health</i> , <b>2015</b> , 37, 353-61	4.7	27
122	Tetracyclines, sulfonamides and quinolones and their corresponding resistance genes in coastal areas of Beibu Gulf, China. <i>Science of the Total Environment</i> , <b>2020</b> , 714, 136899	10.2	27
121	African lungfish genome sheds light on the vertebrate water-to-land transition. <i>Cell</i> , <b>2021</b> , 184, 1362-1376	36.2	27
120	Application of effluent from WWTP in cultivation of four microalgae for nutrients removal and lipid production under the supply of CO <sub>2</sub> . <i>Renewable Energy</i> , <b>2020</b> , 149, 708-715	8.1	26
119	Microplastics and their potential effects on the aquaculture systems: a critical review. <i>Reviews in Aquaculture</i> , <b>2021</b> , 13, 719-733	8.9	25
118	Perfluoroalkyl sulfonates and carboxylic acids in liver, muscle and adipose tissues of black-footed albatross ( <i>Phoebastria nigripes</i> ) from Midway Island, North Pacific Ocean. <i>Chemosphere</i> , <b>2015</b> , 138, 60-68	8.4	24
117	Identification and expression analysis of a new invertebrate lysozyme in Kuruma shrimp ( <i>Marsupenaeus japonicus</i> ). <i>Fish and Shellfish Immunology</i> , <b>2016</b> , 49, 336-43	4.3	24
116	Distribution and ecological risk assessment of organochlorine pesticides in surface sediments from the East Lake, China. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 10368-76	5.1	24
115	Rapid identification and classification of <i>Mycobacterium</i> spp. using whole-cell protein barcodes with matrix assisted laser desorption ionization time of flight mass spectrometry in comparison with multigene phylogenetic analysis. <i>Analytica Chimica Acta</i> , <b>2012</b> , 716, 133-7	6.6	24
114	Species-specific effect of microplastics on fish embryos and observation of toxicity kinetics in larvae. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 403, 123948	12.8	24
113	Occurrence and ecological impact of microplastics in aquaculture ecosystems. <i>Chemosphere</i> , <b>2021</b> , 274, 129989	8.4	24
112	Atmospheric transport and deposition of microplastics in a subtropical urban environment. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 416, 126168	12.8	24
111	Occurrence and distribution of microplastics in commercial fishes from estuarine areas of Guangdong, South China. <i>Chemosphere</i> , <b>2020</b> , 260, 127656	8.4	23
110	Kavalactone content and chemotype of kava beverages prepared from roots and rhizomes of <i>Isa</i> and <i>Mahakea</i> varieties and extraction efficiency of kavalactones using different solvents. <i>Journal of Food Science and Technology</i> , <b>2015</b> , 52, 1164-9	3.3	22
109	Transformation mechanisms of tetracycline by horseradish peroxidase with/without redox mediator ABTS for variable water chemistry. <i>Chemosphere</i> , <b>2020</b> , 258, 127306	8.4	22



108	Occurrence of antibiotics and their associations with antibiotic resistance genes and bacterial communities in Guangdong coastal areas. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 186, 109796	7	22
107	Distribution, potential source and ecotoxicological risk of polychlorinated biphenyls and polybrominated diphenyl ethers in the surface water of the Three Gorges Dam region of the Yangtze River, China. <i>Ecotoxicology</i> , <b>2014</b> , 23, 978-87	2.9	22
106	Simple quantitative analysis of Escherichia coli K-12 internalized in baby spinach using Fourier Transform Infrared spectroscopy. <i>International Journal of Food Microbiology</i> , <b>2010</b> , 144, 147-51	5.8	22
105	Oxidative Damage and Genetic Toxicity Induced by DBP in Earthworms ( <i>Eisenia fetida</i> ). <i>Archives of Environmental Contamination and Toxicology</i> , <b>2018</b> , 74, 527-538	3.2	21
104	Assessment of macrophyte, heavy metal, and nutrient concentrations in the water of the Nairobi River, Kenya. <i>Environmental Monitoring and Assessment</i> , <b>2017</b> , 189, 454	3.1	21
103	Distribution, sources and risk assessment of polychlorinated biphenyls in soils from the Midway Atoll, North Pacific Ocean. <i>PLoS ONE</i> , <b>2013</b> , 8, e71521	3.7	21
102	Determination of Occurrences, Distribution, Health Impacts of Organochlorine Pesticides in Soils of Central China. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	19
101	Coupling effects of pH and Mg/P ratio on P recovery from anaerobic digester supernatant by struvite formation. <i>Journal of Cleaner Production</i> , <b>2018</b> , 198, 633-641	10.3	18
100	Monitoring of Endocrine-Disrupting Compounds in Surface Water and Sediments of the Three Gorges Reservoir Region, China. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2016</b> , 71, 509-517	5.2	17
99	Construction of an integrated enzyme system consisting azoreductase and glucose 1-dehydrogenase for dye removal. <i>Bioresource Technology</i> , <b>2013</b> , 130, 517-21	11	17
98	Organohalogenated Contaminants (OHCs) in Surface Sediments and Water of East Dongting Lake and Hong Lake, China. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2019</b> , 76, 157-170	3.2	17
97	Microplastics in the Marine Environment: Sources, Fates, Impacts and Microbial Degradation. <i>Toxics</i> , <b>2021</b> , 9,	4.7	17
96	Organochlorine pesticides, polybrominated diphenyl ethers and polychlorinated biphenyls in surficial sediments of the Awash River Basin, Ethiopia. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205026	3.7	17
95	Organochlorine pesticides in follicular fluid of women undergoing assisted reproductive technologies from central China. <i>Environmental Pollution</i> , <b>2015</b> , 207, 266-72	9.3	16
94	Accumulation and maternal transfer of polychlorinated biphenyls in Steller Sea Lions ( <i>Eumetopias jubatus</i> ) from Prince William Sound and the Bering Sea, Alaska. <i>Environmental Pollution</i> , <b>2011</b> , 159, 71-77	9.3	16
93	Distribution, Seasonal Variations, and Ecological Risk Assessment of Polycyclic Aromatic Hydrocarbons in the East Lake, China. <i>Clean - Soil, Air, Water</i> , <b>2016</b> , 44, 506-514	1.6	16
92	Occurrence, behavior and risk assessment of estrogens in surface water and sediments from Hanjiang River, Central China. <i>Ecotoxicology</i> , <b>2019</b> , 28, 143-153	2.9	16
91	Nanomaterial-sensors for herbicides detection using electrochemical techniques and prospect applications. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2021</b> , 135, 116178	14.6	16

90	Interaction of nanoplastics with extracellular polymeric substances (EPS) in the aquatic environment: A special reference to eco-corona formation and associated impacts. <i>Water Research</i> , <b>2021</b> , 201, 117319	12.5	16
89	Transcriptome and metabolome responses of <i>Shewanella oneidensis</i> MR-1 to methyl orange under microaerophilic and aerobic conditions. <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 3463-3472	5.7	15
88	Roles of extracellular polymeric substances in the bactericidal effect of nanoscale zero-valent iron: trade-offs between physical disruption and oxidative damage. <i>Environmental Science: Nano</i> , <b>2019</b> , 6, 2061-2073	7.1 <sup>15</sup>	
87	Concentrations and risk assessment of polychlorinated biphenyls and polybrominated diphenyl ethers in surface sediments from the East Lake, China. <i>Ecotoxicology</i> , <b>2015</b> , 24, 172-80	2.9	15
86	Occurrence and Ecological and Human Health Risk Assessment of Polycyclic Aromatic Hydrocarbons in Soils from Wuhan, Central China. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	15
85	Occurrence and assessment of organochlorine pesticides in the agricultural topsoil of Three Gorges Dam region, China. <i>Environmental Earth Sciences</i> , <b>2015</b> , 74, 5001-5008	2.9	14
84	The Chinese pine genome and methylome unveil key features of conifer evolution.. <i>Cell</i> , <b>2021</b> ,	56.2	14
83	Occurrence and risk assessment of estrogenic compounds in the East Lake, China. <i>Environmental Toxicology and Pharmacology</i> , <b>2017</b> , 52, 69-76	5.8	13
82	Antiviral activities and putative identification of compounds in microbial extracts from the Hawaiian coastal waters. <i>Marine Drugs</i> , <b>2012</b> , 10, 521-38	6	13
81	Persistent halogenated organic pollutants in follicular fluid of women undergoing in vitro fertilization from China: Occurrence, congener profiles, and possible sources. <i>Environmental Pollution</i> , <b>2019</b> , 244, 1-8	9.3	13
80	Microplastic degradation methods and corresponding degradation mechanism: Research status and future perspectives. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 418, 126377	12.8	13
79	Teratogenic effects of environmentally relevant concentrations of phenanthrene on the early development of marine medaka ( <i>Oryzia melastigma</i> ). <i>Chemosphere</i> , <b>2020</b> , 254, 126900	8.4	12
78	Concentrations, Distribution, and Ecological Risk Assessment of Heavy Metals in Daya Bay, China. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 780	3	12
77	Bioaccumulation and human health risk assessment of trace metals in the freshwater mussel <i>Cristaria plicata</i> in Dongting Lake, China. <i>Journal of Environmental Sciences</i> , <b>2021</b> , 104, 335-350	6.4	12
76	Occurrences and Ecotoxicological Risk Assessment of Heavy Metals in Surface Sediments from Awash River Basin, Ethiopia. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 535	3	11
75	Spatial distribution of organochlorine contaminants in soil, sediment, and fish in Bikini and Enewetak Atolls of the Marshall Islands, Pacific Ocean. <i>Chemosphere</i> , <b>2011</b> , 84, 1002-8	8.4	11
74	Residues of polybrominated diphenyl ethers in honeys from different geographic regions. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 3495-501	5.7	11
73	Characterization and spatial distribution of microplastics in two wild captured economic freshwater fish from north and west rivers of Guangdong province. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 207, 111555	7	11



72	Occurrence and risk assessment of polycyclic aromatic hydrocarbons in the Hanjiang River Basin and the Danjiangkou Reservoir, China. <i>Human and Ecological Risk Assessment (HERA)</i> , <b>2016</b> , 22, 1183-1198	4.9	10
71	Concentrations, Distribution, Sources and Ecological Risk Assessment of Trace Elements in Soils from Wuhan, Central China. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	10
70	Profiles and Risk Assessment of Heavy Metals in Great Rift Lakes, Kenya. <i>Clean - Soil, Air, Water</i> , <b>2017</b> , 45, 1600825	1.6	10
69	Composition, Distribution, and Risk Assessment of Organochlorine Pesticides in Drinking Water Sources in South China. <i>Water Quality, Exposure, and Health</i> , <b>2015</b> , 7, 89-97		9
68	Residues of organochlorine pesticides in surface water of a megacity in central China: seasonal-spatial distribution and fate in Wuhan. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 1975-1986	5.1	9
67	Rapid determination of six kavalactones in kava root and rhizome samples using Fourier transform infrared spectroscopy and multivariate analysis in comparison with gas chromatography. <i>Analytical Methods</i> , <b>2010</b> , 2, 492	3.2	9
66	Microplastics in Surface Waters and Sediments from Guangdong Coastal Areas, South China. <i>Sustainability</i> , <b>2021</b> , 13, 2691	3.6	9
65	Occurrence and risk assessment of heavy metals and organochlorine pesticides in surface soils, Central Kenya. <i>Journal of Environmental Health Science &amp; Engineering</i> , <b>2019</b> , 17, 63-73	2.9	9
64	Microplastics Environmental Effect and Risk Assessment on the Aquaculture Systems from South China. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	9
63	Occurrence and Toxicological Risk Assessment of Polycyclic Aromatic Hydrocarbons and Heavy Metals in Drinking Water Resources of Southern China. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	9
62	Ecotoxicological effects of different size ranges of industrial-grade polyethylene and polypropylene microplastics on earthworms <i>Eisenia fetida</i> . <i>Science of the Total Environment</i> , <b>2021</b> , 783, 147007	10.2	8
61	Characterization and environmental impacts of microplastics. <i>Gondwana Research</i> , <b>2021</b> , 98, 63-75	5.1	8
60	Profiles and Risk Assessment of Organochlorine Pesticides in Three Gorges Reservoir, China. <i>Clean - Soil, Air, Water</i> , <b>2017</b> , 45, 1600823	1.6	7
59	Comparative Studies on the Toxicokinetics of Benzo[a]pyrene in <i>Pinctada martensii</i> and <i>Perna viridis</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2017</b> , 98, 649-655	2.7	7
58	ARGA, a pipeline for primer evaluation on antibiotic resistance genes. <i>Environment International</i> , <b>2019</b> , 128, 137-145	12.9	7
57	Assessment of Cu, Zn, Mn, and Fe enrichment in Mt. Kenya soils: evidence for atmospheric deposition and contamination. <i>Environmental Monitoring and Assessment</i> , <b>2020</b> , 192, 167	3.1	7
56	Occurrence, sources, and cancer risk of polycyclic aromatic hydrocarbons and polychlorinated biphenyls in agricultural soils from the Three Gorges Dam region, China. <i>Journal of Soils and Water Conservation</i> , <b>2016</b> , 71, 327-334	2.2	7
55	Effects of compound antimicrobial peptides on the growth performance, antioxidant and immune responses and disease resistance of grass carp ( <i>Ctenopharyngodon idellus</i> ). <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 107, 163-170	4.3	7

54	Concentrations, Sources, and Risk Assessment of Organohalogen Compounds in Soils from Kiambu to Mombasa, Kenya. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2018</b> , 101, 766-772	2.7	7
53	Expansion of the active site of the azoreductase from <i>Shewanella oneidensis</i> MR-1. <i>Journal of Molecular Graphics and Modelling</i> , <b>2017</b> , 78, 213-220	2.8	6
52	Simultaneously detecting ethyl carbamate and its precursors in rice wine based on a pH-responsive electrochemical impedance sensor. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1126, 124-132	6.6	6
51	Enrichment-Free Rapid Detection of Phthalates in Chinese Liquor with Electrochemical Impedance Spectroscopy. <i>Sensors</i> , <b>2020</b> , 20,	3.8	6
50	Toxicity of enrofloxacin, copper and their interactions on soil microbial populations and ammonia-oxidizing archaea and bacteria. <i>Scientific Reports</i> , <b>2018</b> , 8, 5828	4.9	6
49	Antibiotics and Resistance Genes in Awash River Basin, Ethiopia. <i>EcoHealth</i> , <b>2019</b> , 16, 441-453	3.1	6
48	Comparison of four commercial enzymatic assay kits for the analysis of organophosphate and carbamate insecticides in vegetables. <i>Food Control</i> , <b>2012</b> , 27, 94-99	6.2	6
47	Characteristics, Toxic Effects, and Analytical Methods of Microplastics in the Atmosphere. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	6
46	Benzo[a]pyrene induces microbiome dysbiosis and inflammation in the intestinal tracts of western mosquitofish ( <i>Gambusia affinis</i> ) and zebrafish ( <i>Danio rerio</i> ). <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 105, 24-34	4.3	6
45	Toxicological effects of nanoplastics and phenanthrene to zebrafish ( <i>Danio rerio</i> ). <i>Gondwana Research</i> , <b>2021</b> ,	5.1	6
44	Transformation of sulfadiazine in humic acid and polystyrene microplastics solution by horseradish peroxidase coupled with 1-hydroxybenzotriazole. <i>Chemosphere</i> , <b>2021</b> , 269, 128705	8.4	6
43	Accumulation and toxicity assessment of polychlorinated biphenyls in black-footed albatross ( <i>Diomedea nigripes</i> ) from Midway Atoll, North Pacific Ocean. <i>Ecological Indicators</i> , <b>2012</b> , 20, 75-81	5.8	5
42	Environmental risks of polymer materials from disposable face masks linked to the COVID-19 pandemic.. <i>Science of the Total Environment</i> , <b>2022</b> , 152980	10.2	5
41	Application of hyperspectral imaging technology in the rapid identification of microplastics in farmland soil. <i>Science of the Total Environment</i> , <b>2021</b> , 151030	10.2	5
40	Effects of micro(nano)plastics on higher plants and the rhizosphere environment. <i>Science of the Total Environment</i> , <b>2022</b> , 807, 150841	10.2	5
39	A dosage-effect assessment of acute toxicology tests of microplastic exposure in filter-feeding fish. <i>Fish and Shellfish Immunology</i> , <b>2021</b> , 113, 154-161	4.3	5
38	Bioavailability and toxicity of microplastics to zooplankton. <i>Gondwana Research</i> , <b>2021</b> ,	5.1	5
37	Concentrations, source identification and eco-toxicological risk of polycyclic aromatic hydrocarbons in agricultural soils of Kenya, Eastern Africa. <i>International Journal of Environmental Science and Technology</i> , <b>2019</b> , 16, 4303-4314	3.3	5

36	Occurrence and Toxicological Risk Evaluation of Organochlorine Pesticides from Suburban Soils of Kenya. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	4
35	Polychlorinated Biphenyls in the Plasma and Preen Oil of Black-Footed Albatross ( <i>Diomedea nigripes</i> ) Chicks and Adults on Midway Atoll, North Pacific Ocean. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123041	3.7	4
34	Interaction of micro(nano)plastics with extracellular and intracellular biomolecules in the freshwater environment. <i>Critical Reviews in Environmental Science and Technology</i> , 1-25	11.1	4
33	Transformation of Tetracycline by Manganese Peroxidase from. <i>Molecules</i> , <b>2021</b> , 26,	4.8	4
32	Insight into the immune and microbial response of the white-leg shrimp <i>Litopenaeus vannamei</i> to microplastics. <i>Marine Environmental Research</i> , <b>2021</b> , 169, 105377	3.3	4
31	Occurrence and ecotoxicological risk assessment of perfluoroalkyl substances in water of lakes along the middle reach of Yangtze River, China. <i>Science of the Total Environment</i> , <b>2021</b> , 788, 147765	10.2	4
30	Bioaccumulation and potential risk of organophosphate flame retardants in coral reef fish from the Nansha Islands, South China Sea. <i>Chemosphere</i> , <b>2022</b> , 287, 132125	8.4	4
29	A case study of air quality - Pesticides and odorous phytochemicals on Kauai, Hawaii, USA. <i>Chemosphere</i> , <b>2017</b> , 189, 143-152	8.4	3
28	Occurrence, trophic magnification and potential risk of short-chain chlorinated paraffins in coral reef fish from the Nansha Islands, South China Sea. <i>Science of the Total Environment</i> , <b>2020</b> , 739, 140084	10.2	3
27	Influence of light intensity on microalgal growth, nutrients removal and capture of carbon in the wastewater under intermittent supply of CO <sub>2</sub> . <i>Journal of Chemical Technology and Biotechnology</i> , <b>2018</b> , 93, 3582-3589	3.5	3
26	Heavy metal pollution in suburban topsoil of Nyeri, Kapsabet, Voi, Ngong and Juja towns, in Kenya. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	3
25	Interactions of microplastics and main pollutants and environmental behavior in soils.. <i>Science of the Total Environment</i> , <b>2022</b> , 153511	10.2	3
24	Interactions and associated resistance development mechanisms between microplastics, antibiotics and heavy metals in the aquaculture environment. <i>Reviews in Aquaculture</i> ,	8.9	3
23	Impacts of microplastics on three different juvenile shrimps: Investigating the organism response distinction. <i>Environmental Research</i> , <b>2021</b> , 198, 110466	7.9	3
22	Polystyrene nanoplastics exacerbated the ecotoxicological and potential carcinogenic effects of tetracycline in juvenile grass carp ( <i>Ctenopharyngodon idella</i> ). <i>Science of the Total Environment</i> , <b>2022</b> , 803, 150027	10.2	3
21	Persistent Halogenated Organic Pollutants in Surface Water in a Megacity: Distribution Characteristics and Ecological Risks in Wuhan, China. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2019</b> , 77, 98-114	3.2	2
20	Tests of Hexazinone and Tebuthiuron for Control of Exotic Plants in Kauai, Hawaii. <i>Forests</i> , <b>2019</b> , 10, 576	2.8	2
19	Antibiotics and antibiotic resistant genes in urban aquifers. <i>Current Opinion in Environmental Science and Health</i> , <b>2022</b> , 26, 100324	8.1	2

18	Ecotoxicological evaluation of zebrafish liver (Danio rerio) induced by dibutyl phthalate.. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 425, 128027	12.8	2
17	Distribution, transfer, ecological and human health risks of antibiotics in bay ecosystems. <i>Environment International</i> , <b>2021</b> , 158, 106949	12.9	2
16	Enrichment and dissemination of bacterial pathogens by microplastics in the aquatic environment.. <i>Science of the Total Environment</i> , <b>2022</b> , 830, 154720	10.2	2
15	Nanoplastics influence the perfluorooctane sulfonate (PFOS) mediated toxicity on marine mussel <i>Perna viridis</i> : Single and mixture exposure study. <i>Gondwana Research</i> , <b>2021</b> ,	5.1	2
14	The Risk of Polychlorinated Biphenyls Facilitating Tumors in Hawaiian Green Sea Turtles (). <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	1
13	Porous microplastics enhance polychlorinated biphenyls-induced thyroid disruption in juvenile Japanese flounder ( <i>Paralichthys olivaceus</i> ).. <i>Marine Pollution Bulletin</i> , <b>2022</b> , 174, 113289	6.7	1
12	Microplastics in Mollusks: Research Progress, Current Contamination Status, Analysis Approaches, and Future Perspectives. <i>Frontiers in Marine Science</i> , <b>2021</b> , 8,	4.5	1
11	Microplastics abundance, distribution, and composition in freshwater and sediments from the largest Xijin Wetland Park, Nanning, South China. <i>Gondwana Research</i> , <b>2021</b> ,	5.1	1
10	Determination of Heavy Metal Concentrations and Their Potential Sources in Selected Plants: <i>Xanthium strumarium</i> L. (Asteraceae), <i>Ficus exasperata</i> Vahl (Moraceae), <i>Persicaria attenuata</i> (R.Br) Sojak (Polygonaceae), and <i>Kanahia laniflora</i> (Forssk.) R.Br. (Asclepiadaceae) from Awash River Basin, Ethiopia. <i>Biological Trace Element Research</i> , <b>2019</b> , 191, 231-242	4.5	1
9	A review on the remediation of microplastics using constructed wetlands: Bibliometric, co-occurrence, current trends, and future directions. <i>Chemosphere</i> , <b>2022</b> , 134990	8.4	1
8	Di-(2-ethylhexyl) phthalate exacerbated the toxicity of polystyrene nanoplastics through histological damage and intestinal microbiota dysbiosis in freshwater <i>Micropterus salmoides</i> . <i>Water Research</i> , <b>2022</b> , 118608	12.5	1
7	Selective enrichment of antibiotic resistome and bacterial pathogens by aquatic microplastics. <i>Journal of Hazardous Materials Advances</i> , <b>2022</b> , 100106		1
6	Effects of diisononyl phthalate exposure on the oxidative stress and gut microorganisms in earthworms ( <i>Eisenia fetida</i> ).. <i>Science of the Total Environment</i> , <b>2022</b> , 822, 153563	10.2	0
5	Polystyrene nanoplastics aggravated ecotoxicological effects of polychlorinated biphenyls in on zebrafish ( <i>Danio rerio</i> ) embryos. <i>Geoscience Frontiers</i> , <b>2022</b> , 13, 101376	6	0
4	Eco-corona formation and associated ecotoxicological impacts of nanoplastics in the environment.. <i>Science of the Total Environment</i> , <b>2022</b> , 836, 155703	10.2	0
3	Toxicological impacts of micro(nano)plastics in the benthic environment.. <i>Science of the Total Environment</i> , <b>2022</b> , 836, 155620	10.2	0
2	Toxic effects of polystyrene nanoplastics and polybrominated diphenyl ethers to zebrafish ( <i>Danio rerio</i> ). <i>Fish and Shellfish Immunology</i> , <b>2022</b> , 126, 21-33	4.3	0
1	Mechanism of enrofloxacin-induced multidrug resistance in the pathogenic <i>Vibrio harveyi</i> from diseased abalones.. <i>Science of the Total Environment</i> , <b>2022</b> , 830, 154738	10.2	

