Jun Wang

List of Publications by Year
in descending order

203 papers	14,329 citations	19657 61 h-index	24982 109 g-index
203 all docs	203 docs citations	203 times ranked	11514 citing authors

#	Article	IF	Citations
1	KaKs_Calculator: Calculating Ka and Ks Through Model Selection and Model Averaging. Genomics, Proteomics and Bioinformatics, 2006, 4, 259-263.	6.9	940
2	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.	8.0	701
3	Microplastics in surface waters and sediments of the Three Gorges Reservoir, China. Science of the Total Environment, 2018, 616-617, 1620-1627.	8.0	576
4	Microplastic abundance, distribution and composition in water, sediments, and wild fish from Poyang Lake, China. Ecotoxicology and Environmental Safety, 2019, 170, 180-187.	6.0	421
5	Mini-review of microplastics in the atmosphere and their risks to humans. Science of the Total Environment, 2020, 703, 135504.	8.0	399
6	Microplastics in surface waters of Dongting Lake and Hong Lake, China. Science of the Total Environment, 2018, 633, 539-545.	8.0	352
7	Microplastic abundance, distribution and composition in the Pearl River along Guangzhou city and Pearl River estuary, China. Chemosphere, 2019, 217, 879-886.	8.2	320
8	Characterization of microplastics and the association of heavy metals with microplastics in suburban soil of central China. Science of the Total Environment, 2019, 694, 133798.	8.0	317
9	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.	12.7	300
10	Microplastic pollution in vegetable farmlands of suburb Wuhan, central China. Environmental Pollution, 2020, 257, 113449.	7.5	294
11	High levels of microplastic pollution in the sediments and benthic organisms of the South Yellow Sea, China. Science of the Total Environment, 2019, 651, 1661-1669.	8.0	268
12	Polystyrene microplastics cause tissue damages, sex-specific reproductive disruption and transgenerational effects in marine medaka (Oryzias melastigma). Environmental Pollution, 2019, 254, 113024.	7.5	266
13	Comparative evaluation of sorption kinetics and isotherms of pyrene onto microplastics. Chemosphere, 2018, 193, 567-573.	8.2	260
14	The Tartary Buckwheat Genome Provides InsightsÂinto Rutin Biosynthesis and Abiotic StressÂTolerance. Molecular Plant, 2017, 10, 1224-1237.	8.3	254
15	Investigation of microplastics in aquatic environments: An overview of the methods used, from field sampling to laboratory analysis. TrAC - Trends in Analytical Chemistry, 2018, 108, 195-202.	11.4	200
16	Ecotoxicological effects of microplastics and cadmium on the earthworm Eisenia foetida. Journal of Hazardous Materials, 2020, 392, 122273.	12.4	192
17	Interactions of microplastics and antibiotic resistance genes and their effects on the aquaculture environments. Journal of Hazardous Materials, 2021, 403, 123961.	12.4	170
18	Current practices and future perspectives of microplastic pollution in freshwater ecosystems in China. Science of the Total Environment, 2019, 691, 697-712.	8.0	162

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19	Different partition of polycyclic aromatic hydrocarbon on environmental particulates in freshwater: Microplastics in comparison to natural sediment. Ecotoxicology and Environmental Safety, 2018, 147, 648-655.	6.0	161
20	The Chinese pine genome and methylome unveil key features of conifer evolution. Cell, 2022, 185, 204-217.e14.	28.9	151
21	Antibiotics in surface water and sediments from Hanjiang River, Central China: Occurrence, behavior and risk assessment. Ecotoxicology and Environmental Safety, 2018, 157, 150-158.	6.0	142
22	Defense responses in earthworms (Eisenia fetida) exposed to low-density polyethylene microplastics in soils. Ecotoxicology and Environmental Safety, 2020, 187, 109788.	6.0	142
23	Evaluation of adsorption potential of bamboo biochar for metal-complex dye: equilibrium, kinetics and artificial neural network modeling. International Journal of Environmental Science and Technology, 2014, 11, 1093-1100.	3.5	129
24	Antibiotic resistance genes in surface water of eutrophic urban lakes are related to heavy metals, antibiotics, lake morphology and anthropic impact. Ecotoxicology, 2017, 26, 831-840.	2.4	126
25	Efficient and stable photocatalytic degradation of tetracycline wastewater by 3D Polyaniline/Perylene diimide organic heterojunction under visible light irradiation. Chemical Engineering Journal, 2020, 397, 125476.	12.7	124
26	An overview of analytical methods for detecting microplastics in the atmosphere. TrAC - Trends in Analytical Chemistry, 2020, 130, 115981.	11.4	122
27	Engineered Struvite Precipitation: Impacts of Component-Ion Molar Ratios and pH. Journal of Environmental Engineering, ASCE, 2005, 131, 1433-1440.	1.4	120
28	Occurrence and ecological impact of microplastics in aquaculture ecosystems. Chemosphere, 2021, 274, 129989.	8.2	116
29	Antibiotic resistance genes in lakes from middle and lower reaches of the Yangtze River, China: Effect of land use and sediment characteristics. Chemosphere, 2017, 178, 19-25.	8.2	114
30	Chemical Composition, Characterization, and Differentiation of Honey Botanical and Geographical Origins. Advances in Food and Nutrition Research, 2011, 62, 89-137.	3.0	111
31	Microplastic degradation methods and corresponding degradation mechanism: Research status and future perspectives. Journal of Hazardous Materials, 2021, 418, 126377.	12.4	111
32	White spot syndrome virus (WSSV) infection impacts intestinal microbiota composition and function in Litopenaeus vannamei. Fish and Shellfish Immunology, 2019, 84, 130-137.	3.6	107
33	Atmospheric transport and deposition of microplastics in a subtropical urban environment. Journal of Hazardous Materials, 2021, 416, 126168.	12.4	107
34	Microplastic pollution in water and fish samples around Nanxun Reef in Nansha Islands, South China Sea. Science of the Total Environment, 2019, 696, 134022.	8.0	106
35	Typhoons increase the abundance of microplastics in the marine environment and cultured organisms: A case study in Sanggou Bay, China. Science of the Total Environment, 2019, 667, 1-8.	8.0	106
36	Combined effects of mulch film-derived microplastics and atrazine on oxidative stress and gene expression in earthworm (Eisenia fetida). Science of the Total Environment, 2020, 746, 141280.	8.0	106

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37	Toxicological effects of microplastics and heavy metals on the Daphnia magna. Science of the Total Environment, 2020, 746, 141254.	8.0	105
38	Rapid Analysis of Glucose, Fructose, Sucrose, and Maltose in Honeys from Different Geographic Regions using Fourier Transform Infrared Spectroscopy and Multivariate Analysis. Journal of Food Science, 2010, 75, C208-14.	3.1	104
39	Interaction of nanoplastics with extracellular polymeric substances (EPS) in the aquatic environment: A special reference to eco-corona formation and associated impacts. Water Research, 2021, 201, 117319.	11.3	103
40	Toxicological effects of microplastics and phenanthrene to zebrafish (Danio rerio). Science of the Total Environment, 2021, 757, 143730.	8.0	99
41	African lungfish genome sheds light on the vertebrate water-to-land transition. Cell, 2021, 184, 1362-1376.e18.	28.9	99
42	Rapid Determination of the Geographical Origin of Honey Based on Protein Fingerprinting and Barcoding Using MALDI TOF MS. Journal of Agricultural and Food Chemistry, 2009, 57, 10081-10088.	5.2	96
43	Concentrations, distribution, sources and risk assessment of organohalogenated contaminants in soils from Kenya, Eastern Africa. Environmental Pollution, 2016, 209, 177-185.	7.5	96
44	Microplastic pollution research methodologies, abundance, characteristics and risk assessments for aquatic biota in China. Environmental Pollution, 2020, 266, 115098.	7.5	92
45	Mini-review on current studies of airborne microplastics: Analytical methods, occurrence, sources, fate and potential risk to human beings. TrAC - Trends in Analytical Chemistry, 2020, 125, 115821.	11.4	90
46	Multiple degradation pathways of phenanthrene by Stenotrophomonas maltophilia C6. International Biodeterioration and Biodegradation, 2013, 79, 98-104.	3.9	88
47	Microplastics in wild freshwater fish of different feeding habits from Beijiang and Pearl River Delta regions, south China. Chemosphere, 2020, 258, 127345.	8.2	87
48	Microplastics and their potential effects on the aquaculture systems: a critical review. Reviews in Aquaculture, 2021, 13, 719-733.	9.0	87
49	Tetracyclines, sulfonamides and quinolones and their corresponding resistance genes in the Three Gorges Reservoir, China. Science of the Total Environment, 2018, 631-632, 840-848.	8.0	86
50	The effects of high-density polyethylene and polypropylene microplastics on the soil and earthworm Metaphire guillelmi gut microbiota. Chemosphere, 2021, 267, 129219.	8.2	85
51	Greenland Sea Gyre increases microplastic pollution in the surface waters of the Nordic Seas. Science of the Total Environment, 2020, 712, 136484.	8.0	82
52	Concentrations, bioaccumulation, and human health risk assessment of organochlorine pesticides and heavy metals in edible fish from Wuhan, China. Environmental Science and Pollution Research, 2015, 22, 15866-15879.	5.3	79
53	Microplasticsâ€™ Pollution and Risk Assessment in an Urban River: A Case Study in the Yongjiang River, Nanning City, South China. Exposure and Health, 2020, 12, 141-151.	4.9	79
54	Species-specific effect of microplastics on fish embryos and observation of toxicity kinetics in larvae. Journal of Hazardous Materials, 2021, 403, 123948.	12.4	74

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55	Antibiotics and Antibiotic Resistance Genes in Sediment of Honghu Lake and East Dongting Lake, China. Microbial Ecology, 2016, 72, 791-801.	2.8	73
56	Manuscript prepared for submission to environmental toxicology and pharmacology pollution in drinking water source areas: Microplastics in the Danjiangkou Reservoir, China. Environmental Toxicology and Pharmacology, 2019, 65, 82-89.	4.0	72
57	Soil types influence the characteristic of antibiotic resistance genes in greenhouse soil with long-term manure application. Journal of Hazardous Materials, 2020, 392, 122334.	12.4	71
58	Passive air sampling of DDT, chlordane and HCB in the Pearl River Delta, South China: implications to regional sources. Journal of Environmental Monitoring, 2007, 9, 582.	2.1	68
59	Characterization of microplastics in the surface seawater of the South Yellow Sea as affected by season. Science of the Total Environment, 2020, 724, 138375.	8.0	66
60	Microplastics in the Marine Environment: Sources, Fates, Impacts and Microbial Degradation. Toxics, 2021, 9, 41.	3.7	66
61	Microplastic pollution in surface water from east coastal areas of Guangdong, South China and preliminary study on microplastics biomonitoring using two marine fish. Chemosphere, 2020, 256, 127202.	8.2	66
62	Composition, distribution and risk assessment of organochlorine pesticides in soils from the Midway Atoll, North Pacific Ocean. Science of the Total Environment, 2013, 452-453, 421-426.	8.0	65
63	New Perspective on the Nanoplastics Disrupting the Reproduction of an Endangered Fern in Artificial Freshwater. Environmental Science & Technology, 2019, 53, 12715-12724.	10.0	63
64	Distribution characteristics of microplastics in Zhubi Reef from South China Sea. Environmental Pollution, 2019, 255, 113133.	7.5	62
65	Concentrations, Distribution, and Ecological Risk Assessment of Heavy Metals in the East Dongting and Honghu Lake, China. Exposure and Health, 2016, 8, 31-41.	4.9	60
66	Fourier Transform Infrared Spectroscopy for Kona Coffee Authentication. Journal of Food Science, 2009, 74, C385-91.	3.1	59
67	Environmental risks of polymer materials from disposable face masks linked to the COVID-19 pandemic. Science of the Total Environment, 2022, 815, 152980.	8.0	58
68	Tetracyclines, sulfonamides and quinolones and their corresponding resistance genes in coastal areas of Beibu Gulf, China. Science of the Total Environment, 2020, 714, 136899.	8.0	57
69	Effects of micro(nano)plastics on higher plants and the rhizosphere environment. Science of the Total Environment, 2022, 807, 150841.	8.0	57
70	Tiered probabilistic assessment of organohalogen compounds in the Han River and Danjiangkou Reservoir, central China. Science of the Total Environment, 2017, 586, 163-173.	8.0	56
71	Endocrine-active chemicals in mammary cancer causation and prevention. Journal of Steroid Biochemistry and Molecular Biology, 2012, 129, 191-200.	2.5	55
72	Ecotoxicological effects of different size ranges of industrial-grade polyethylene and polypropylene microplastics on earthworms Eisenia fetida. Science of the Total Environment, 2021, 783, 147007.	8.0	55

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73	Occurrence and distribution of microplastics in commercial fishes from estuarine areas of Guangdong, South China. Chemosphere, 2020, 260, 127656.	8.2	53
74	Concentrations, Source and Risk Assessment of Polycyclic Aromatic Hydrocarbons in Soils from Midway Atoll, North Pacific Ocean. PLoS ONE, 2014, 9, e86441.	2.5	53
75	Occurrence, composition and risk assessment of antibiotics in soils from Kenya, Africa. Ecotoxicology, 2016, 25, 1194-1201.	2.4	52
76	Impact of calcium on struvite crystallization in the wastewater and its competition with magnesium. Chemical Engineering Journal, 2019, 378, 122121.	12.7	52
77	Concentration, Distribution, Source, and Risk Assessment of PAHs and Heavy Metals in Surface Water from the Three Gorges Reservoir, China. Human and Ecological Risk Assessment (HERA), 2015, 21, 1593-1607.	3.4	48
78	Health risk assessment by consumption of vegetables irrigated with reclaimed waste water: A case study in Thika (Kenya). Journal of Environmental Management, 2019, 231, 576-581.	7.8	46
79	Application of effluent from WWTP in cultivation of four microalgae for nutrients removal and lipid production under the supply of CO2. Renewable Energy, 2020, 149, 708-715.	8.9	46
80	Occurrence, distribution and risk assessment of polychlorinated biphenyls and polybrominated diphenyl ethers in nine water sources. Ecotoxicology and Environmental Safety, 2015, 115, 55-61.	6.0	44
81	Oxidative Damage and Genetic Toxicity Induced by DBP in Earthworms (Eisenia fetida). Archives of Environmental Contamination and Toxicology, 2018, 74, 527-538.	4.1	44
82	Ecotoxicological evaluation of zebrafish liver (Danio rerio) induced by dibutyl phthalate. Journal of Hazardous Materials, 2022, 425, 128027.	12.4	44
83	Enrichment and dissemination of bacterial pathogens by microplastics in the aquatic environment. Science of the Total Environment, 2022, 830, 154720.	8.0	43
84	Transformation mechanisms of tetracycline by horseradish peroxidase with/without redox mediator ABTS for variable water chemistry. Chemosphere, 2020, 258, 127306.	8.2	42
85	Interactions and associated resistance development mechanisms between microplastics, antibiotics and heavy metals in the aquaculture environment. Reviews in Aquaculture, 2022, 14, 1028-1045.	9.0	42
86	The arsenic contamination of rice in Guangdong Province, the most economically dynamic provinces of China: arsenic speciation and its potential health risk. Environmental Geochemistry and Health, 2015, 37, 353-361.	3.4	41
87	Feasibility of using visible and near-infrared reflectance spectroscopy to monitor heavy metal contaminants in urban lake sediment. Catena, 2018, 162, 72-79.	5.0	41
88	Residues of organochlorine pesticides in honeys from different geographic regions. Food Research International, 2010, 43, 2329-2334.	6.2	40
89	Distribution and ecological assessment of heavy metals in surface sediments of the East Lake, China. Ecotoxicology, 2014, 23, 92-101.	2.4	40
90	Concentrations, distributions, sources, and risk assessment of organochlorine pesticides in surface water of the East Lake, China. Environmental Science and Pollution Research, 2014, 21, 3041-3050.	5.3	40

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91	Occurrence of antibiotics and their associations with antibiotic resistance genes and bacterial communities in Guangdong coastal areas. Ecotoxicology and Environmental Safety, 2019, 186, 109796.	6.0	40
92	Microplastics in Surface Waters and Sediments from Guangdong Coastal Areas, South China. Sustainability, 2021, 13, 2691.	3.2	39
93	Occurrence and distribution of endocrine-disrupting compounds in the Honghu Lake and East Dongting Lake along the Central Yangtze River, China. Environmental Science and Pollution Research, 2015, 22, 17644-17652.	5.3	38
94	Occurrence, distribution and seasonal variations of polychlorinated biphenyls and polybrominated diphenyl ethers in surface waters of the East Lake, China. Chemosphere, 2014, 103, 256-262.	8.2	37
95	Nanomaterial-sensors for herbicides detection using electrochemical techniques and prospect applications. TrAC - Trends in Analytical Chemistry, 2021, 135, 116178.	11.4	37
96	Occurrences and toxicological risk assessment of eight heavy metals in agricultural soils from Kenya, Eastern Africa. Environmental Science and Pollution Research, 2016, 23, 18533-18541.	5.3	36
97	Concentrations, distribution, sources, and ecological risk assessment of heavy metals in agricultural topsoil of the Three Gorges Dam region, China. Environmental Monitoring and Assessment, 2015, 187, 147.	2.7	35
98	Determination of Occurrences, Distribution, Health Impacts of Organochlorine Pesticides in Soils of Central China. International Journal of Environmental Research and Public Health, 2019, 16, 146.	2.6	35
99	The cytotoxic and genotoxic effects of metalaxyâ€M on earthworms (Eisenia fetida). Environmental Toxicology and Chemistry, 2014, 33, 2344-2350.	4.3	34
100	Distribution and ecological risk assessment of organochlorine pesticides in surface sediments from the East Lake, China. Environmental Science and Pollution Research, 2014, 21, 10368-10376.	5.3	33
101	Coupling effects of pH and Mg/P ratio on P recovery from anaerobic digester supernatant by struvite formation. Journal of Cleaner Production, 2018, 198, 633-641.	9.3	33
102	Perfluoroalkyl sulfonates and carboxylic acids in liver, muscle and adipose tissues of black-footed albatross (Phoebastria nigripes) from Midway Island, North Pacific Ocean. Chemosphere, 2015, 138, 60-66.	8.2	32
103	Identification and expression analysis of a new invertebrate lysozyme in Kuruma shrimp (Marsupenaeus japonicus). Fish and Shellfish Immunology, 2016, 49, 336-343.	3.6	32
104	Bioaccumulation and potential risk of organophosphate flame retardants in coral reef fish from the Nansha Islands, South China Sea. Chemosphere, 2022, 287, 132125.	8.2	31
105	Characterization and spatial distribution of microplastics in two wild captured economic freshwater fish from north and west rivers of Guangdong province. Ecotoxicology and Environmental Safety, 2021, 207, 111555.	6.0	30
106	Bioaccumulation and human health risk assessment of trace metals in the freshwater mussel Cristaria plicata in Dongting Lake, China. Journal of Environmental Sciences, 2021, 104, 335-350.	6.1	30
107	Application of hyperspectral imaging technology in the rapid identification of microplastics in farmland soil. Science of the Total Environment, 2022, 807, 151030.	8.0	30
108	Effects of diisononyl phthalate exposure on the oxidative stress and gut microorganisms in earthworms (Eisenia fetida). Science of the Total Environment, 2022, 822, 153563.	8.0	30

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109	Interactions of microplastics and main pollutants and environmental behavior in soils. Science of the Total Environment, 2022, 821, 153511.	8.0	30
110	Rapid identification and classification of Mycobacterium spp. using whole-cell protein barcodes with matrix assisted laser desorption ionization time of flight mass spectrometry in comparison with multigene phylogenetic analysis. Analytica Chimica Acta, 2012, 716, 133-137.	5.4	29
111	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. Ecotoxicology, 2014, 23, 978-987.	2.4	29
112	Organochlorine pesticides, polybrominated diphenyl ethers and polychlorinated biphenyls in surficial sediments of the Awash River Basin, Ethiopia. PLoS ONE, 2018, 13, e0205026.	2.5	29
113	Polystyrene nanoplastics exacerbated the ecotoxicological and potential carcinogenic effects of tetracycline in juvenile grass carp (Ctenopharyngodon idella). Science of the Total Environment, 2022, 803, 150027.	8.0	29
114	Concentrations, Distribution, and Ecological Risk Assessment of Heavy Metals in Daya Bay, China. Water (Switzerland), 2018, 10, 780.	2.7	28
115	A dosage-effect assessment of acute toxicology tests of microplastic exposure in filter-feeding fish. Fish and Shellfish Immunology, 2021, 113, 154-161.	3.6	28
116	Bioavailability and toxicity of microplastics to zooplankton. Gondwana Research, 2022, 108, 120-126.	6.0	28
117	Roles of extracellular polymeric substances in the bactericidal effect of nanoscale zero-valent iron: trade-offs between physical disruption and oxidative damage. Environmental Science: Nano, 2019, 6, 2061-2073.	4.3	27
118	Occurrence, behavior and risk assessment of estrogens in surface water and sediments from Hanjiang River, Central China. Ecotoxicology, 2019, 28, 143-153.	2.4	27
119	Distribution, Sources and Risk Assessment of Polychlorinated Biphenyls in Soils from the Midway Atoll, North Pacific Ocean. PLoS ONE, 2013, 8, e71521.	2.5	26
120	Characteristics, Toxic Effects, and Analytical Methods of Microplastics in the Atmosphere. Nanomaterials, 2021, 11, 2747.	4.1	26
121	Eco-corona formation and associated ecotoxicological impacts of nanoplastics in the environment. Science of the Total Environment, 2022, 836, 155703.	8.0	26
122	Simple quantitative analysis of Escherichia coli K-12 internalized in baby spinach using Fourier Transform Infrared spectroscopy. International Journal of Food Microbiology, 2010, 144, 147-151.	4.7	25
123	Kavalactone content and chemotype of kava beverages prepared from roots and rhizomes of Isa and Mahakea varieties and extraction efficiency of kavalactones using different solvents. Journal of Food Science and Technology, 2015, 52, 1164-1169.	2.8	25
124	Monitoring of Endocrine-Disrupting Compounds in Surface Water and Sediments of the Three Gorges Reservoir Region, China. Archives of Environmental Contamination and Toxicology, 2016, 71, 509-517.	4.1	25
125	Occurrence and Ecological and Human Health Risk Assessment of Polycyclic Aromatic Hydrocarbons in Soils from Wuhan, Central China. International Journal of Environmental Research and Public Health, 2018, 15, 2751.	2.6	25
126	Organohalogenated Contaminants (OHCs) in Surface Sediments and Water of East Dongting Lake and Hong Lake, China. Archives of Environmental Contamination and Toxicology, 2019, 76, 157-170.	4.1	25

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127	Insight into the immune and microbial response of the white-leg shrimp Litopenaeus vannamei to microplastics. Marine Environmental Research, 2021, 169, 105377.	2.5	25
128	Characterization and environmental impacts of microplastics. Gondwana Research, 2021, 98, 63-75.	6.0	25
129	Toxicological impacts of micro(nano)plastics in the benthic environment. Science of the Total Environment, 2022, 836, 155620.	8.0	25
130	Teratogenic effects of environmentally relevant concentrations of phenanthrene on the early development of marine medaka (Oryzia melastigma). Chemosphere, 2020, 254, 126900.	8.2	24
131	Microplastics Environmental Effect and Risk Assessment on the Aquaculture Systems from South China. International Journal of Environmental Research and Public Health, 2021, 18, 1869.	2.6	24
132	Distribution, transfer, ecological and human health risks of antibiotics in bay ecosystems. Environment International, 2022, 158, 106949.	10.0	24
133	Di-(2-ethylhexyl) phthalate exacerbated the toxicity of polystyrene nanoplastics through histological damage and intestinal microbiota dysbiosis in freshwater Micropterus salmoides. Water Research, 2022, 219, 118608.	11.3	24
134	Transcriptome and metabolome responses of Shewanella oneidensis MR-1 to methyl orange under microaerophilic and aerobic conditions. Applied Microbiology and Biotechnology, 2017, 101, 3463-3472.	3.6	23
135	Assessment of macrophyte, heavy metal, and nutrient concentrations in the water of the Nairobi River, Kenya. Environmental Monitoring and Assessment, 2017, 189, 454.	2.7	23
136	A review on the remediation of microplastics using constructed wetlands: Bibliometric, co-occurrence, current trends, and future directions. Chemosphere, 2022, 303, 134990.	8.2	23
137	Occurrence and risk assessment of estrogenic compounds in the East Lake, China. Environmental Toxicology and Pharmacology, 2017, 52, 69-76.	4.0	22
138	Profiles and Risk Assessment of Heavy Metals in Great Rift Lakes, Kenya. Clean - Soil, Air, Water, 2017, 45, 1600825.	1.1	21
139	Interaction of micro(nano)plastics with extracellular and intracellular biomolecules in the freshwater environment. Critical Reviews in Environmental Science and Technology, 2022, 52, 4241-4265.	12.8	21
140	Wastewater plastisphere enhances antibiotic resistant elements, bacterial pathogens, and toxicological impacts in the environment. Science of the Total Environment, 2022, 841, 156805.	8.0	20
141	Toxic effects of polystyrene nanoplastics and polybrominated diphenyl ethers to zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Overlock	3.6	19
142	Construction of an integrated enzyme system consisting azoreductase and glucose 1-dehydrogenase for dye removal. Bioresource Technology, 2013, 130, 517-521.	9.6	18
143	Accumulation and maternal transfer of polychlorinated biphenyls in Steller Sea Lions (Eumetopias) Tj ETQq1 1 0.784314 rgBT /Overlock 71-77.	7.5	17
144	Occurrence and assessment of organochlorine pesticides in the agricultural topsoil of Three Gorges Dam region, China. Environmental Earth Sciences, 2015, 74, 5001-5008.	2.7	17

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145	Concentrations and risk assessment of polychlorinated biphenyls and polybrominated diphenyl ethers in surface sediments from the East Lake, China. Ecotoxicology, 2015, 24, 172-180.	2.4	17
146	Organochlorine pesticides in follicular fluid of women undergoing assisted reproductive technologies from central China. Environmental Pollution, 2015, 207, 266-272.	7.5	17
147	Distribution, Seasonal Variations, and Ecological Risk Assessment of Polycyclic Aromatic Hydrocarbons in the East Lake, China. Clean - Soil, Air, Water, 2016, 44, 506-514.	1.1	17
148	Occurrence and Toxicological Risk Assessment of Polycyclic Aromatic Hydrocarbons and Heavy Metals in Drinking Water Resources of Southern China. International Journal of Environmental Research and Public Health, 2018, 15, 1422.	2.6	17
149	Occurrence and risk assessment of heavy metals and organochlorine pesticides in surface soils, Central Kenya. Journal of Environmental Health Science & Engineering, 2019, 17, 63-73.	3.0	17
150	Cadmium in Cereal Crops: Uptake and Transport Mechanisms and Minimizing Strategies. Journal of Agricultural and Food Chemistry, 2022, 70, 5961-5974.	5.2	17
151	Residues of Polybrominated Diphenyl Ethers in Honeys from Different Geographic Regions. Journal of Agricultural and Food Chemistry, 2010, 58, 3495-3501.	5.2	16
152	Antiviral Activities and Putative Identification of Compounds in Microbial Extracts from the Hawaiian Coastal Waters. Marine Drugs, 2012, 10, 521-538.	4.6	16
153	Concentrations, Distribution, Sources and Ecological Risk Assessment of Trace Elements in Soils from Wuhan, Central China. International Journal of Environmental Research and Public Health, 2018, 15, 2873.	2.6	16
154	Occurrences and Ecotoxicological Risk Assessment of Heavy Metals in Surface Sediments from Awash River Basin, Ethiopia. Water (Switzerland), 2018, 10, 535.	2.7	16
155	Persistent halogenated organic pollutants in follicular fluid of women undergoing inÂvitro fertilization from China: Occurrence, congener profiles, and possible sources. Environmental Pollution, 2019, 244, 1-8.	7.5	16
156	Effects of compound antimicrobial peptides on the growth performance, antioxidant and immune responses and disease resistance of grass carp (Ctenopharyngodon idellus). Fish and Shellfish Immunology, 2020, 107, 163-170.	3.6	16
157	Occurrence and ecotoxicological risk assessment of perfluoroalkyl substances in water of lakes along the middle reach of Yangtze River, China. Science of the Total Environment, 2021, 788, 147765.	8.0	16
158	Identification and Quantification of Microplastics in Aquaculture Environment. Frontiers in Marine Science, 2022, 8, .	2.5	16
159	Toxicity of enrofloxacin, copper and their interactions on soil microbial populations and ammonia-oxidizing archaea and bacteria. Scientific Reports, 2018, 8, 5828.	3.3	15
160	Benzo[a]pyrene induces microbiome dysbiosis and inflammation in the intestinal tracts of western mosquitofish (Gambusia affinis) and zebrafish (Danio rerio). Fish and Shellfish Immunology, 2020, 105, 24-34.	3.6	15
161	Impacts of microplastics on three different juvenile shrimps: Investigating the organism response distinction. Environmental Research, 2021, 198, 110466.	7.5	15
162	Environmental impacts of microplastics on fishery products: An overview. Gondwana Research, 2022, 108, 213-220.	6.0	15

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163	Transformation of Tetracycline by Manganese Peroxidase from Phanerochaete chrysosporium. Molecules, 2021, 26, 6803.	3.8	15
164	Residues of organochlorine pesticides in surface water of a megacity in central China: seasonal-spatial distribution and fate in Wuhan. Environmental Science and Pollution Research, 2017, 24, 1975-1986.	5.3	14
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