

# Jun Wang

## List of Publications by Year in descending order

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203  
papers

14,329  
citations

19655

61  
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24978

109  
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203  
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docs citations

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times ranked

11514  
citing authors

#	ARTICLE	IF	CITATIONS
1	KaKs_Calculator: Calculating Ka and Ks Through Model Selection and Model Averaging. <i>Genomics, Proteomics and Bioinformatics</i> , 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. <i>Science of the Total Environment</i> , 2017, 575, 1369-1374.	8.0	701
3	Microplastics in surface waters and sediments of the Three Gorges Reservoir, China. <i>Science of the Total Environment</i> , 2018, 616-617, 1620-1627.	8.0	576
4	Microplastic abundance, distribution and composition in water, sediments, and wild fish from Poyang Lake, China. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 180-187.	6.0	421
5	Mini-review of microplastics in the atmosphere and their risks to humans. <i>Science of the Total Environment</i> , 2020, 703, 135504.	8.0	399
6	Microplastics in surface waters of Dongting Lake and Hong Lake, China. <i>Science of the Total Environment</i> , 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. <i>Chemosphere</i> , 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. <i>Science of the Total Environment</i> , 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. <i>Chemical Engineering Journal</i> , 2019, 362, 176-182.	12.7	300
10	Microplastic pollution in vegetable farmlands of suburb Wuhan, central China. <i>Environmental Pollution</i> , 2020, 257, 113449.	7.5	294
11	High levels of microplastic pollution in the sediments and benthic organisms of the South Yellow Sea, China. <i>Science of the Total Environment</i> , 2019, 651, 1661-1669.	8.0	268
12	Polystyrene microplastics cause tissue damages, sex-specific reproductive disruption and transgenerational effects in marine medaka ( <i>Oryzias melastigma</i> ). <i>Environmental Pollution</i> , 2019, 254, 113024.	7.5	266
13	Comparative evaluation of sorption kinetics and isotherms of pyrene onto microplastics. <i>Chemosphere</i> , 2018, 193, 567-573.	8.2	260
14	The Tartary Buckwheat Genome Provides Insights into Rutin Biosynthesis and Abiotic Stress Tolerance. <i>Molecular Plant</i> , 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. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 195-202.	11.4	200
16	Ecotoxicological effects of microplastics and cadmium on the earthworm <i>Eisenia foetida</i> . <i>Journal of Hazardous Materials</i> , 2020, 392, 122273.	12.4	192
17	Interactions of microplastics and antibiotic resistance genes and their effects on the aquaculture environments. <i>Journal of Hazardous Materials</i> , 2021, 403, 123961.	12.4	170
18	Current practices and future perspectives of microplastic pollution in freshwater ecosystems in China. <i>Science of the Total Environment</i> , 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. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 648-655.	6.0	161
20	The Chinese pine genome and methylome unveil key features of conifer evolution. <i>Cell</i> , 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. <i>Ecotoxicology and Environmental Safety</i> , 2018, 157, 150-158.	6.0	142
22	Defense responses in earthworms ( <i>Eisenia fetida</i> ) exposed to low-density polyethylene microplastics in soils. <i>Ecotoxicology and Environmental Safety</i> , 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. <i>International Journal of Environmental Science and Technology</i> , 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. <i>Ecotoxicology</i> , 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. <i>Chemical Engineering Journal</i> , 2020, 397, 125476.	12.7	124
26	An overview of analytical methods for detecting microplastics in the atmosphere. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 130, 115981.	11.4	122
27	Engineered Struvite Precipitation: Impacts of Component-Ion Molar Ratios and pH. <i>Journal of Environmental Engineering, ASCE</i> , 2005, 131, 1433-1440.	1.4	120
28	Occurrence and ecological impact of microplastics in aquaculture ecosystems. <i>Chemosphere</i> , 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. <i>Chemosphere</i> , 2017, 178, 19-25.	8.2	114
30	Chemical Composition, Characterization, and Differentiation of Honey Botanical and Geographical Origins. <i>Advances in Food and Nutrition Research</i> , 2011, 62, 89-137.	3.0	111
31	Microplastic degradation methods and corresponding degradation mechanism: Research status and future perspectives. <i>Journal of Hazardous Materials</i> , 2021, 418, 126377.	12.4	111
32	White spot syndrome virus (WSSV) infection impacts intestinal microbiota composition and function in <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2019, 84, 130-137.	3.6	107
33	Atmospheric transport and deposition of microplastics in a subtropical urban environment. <i>Journal of Hazardous Materials</i> , 2021, 416, 126168.	12.4	107
34	Microplastic pollution in water and fish samples around Nanxun Reef in Nansha Islands, South China Sea. <i>Science of the Total Environment</i> , 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. <i>Science of the Total Environment</i> , 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 ( <i>Eisenia fetida</i> ). <i>Science of the Total Environment</i> , 2020, 746, 141280.	8.0	106

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37	Toxicological effects of microplastics and heavy metals on the <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 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. <i>Journal of Food Science</i> , 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. <i>Water Research</i> , 2021, 201, 117319.	11.3	103
40	Toxicological effects of microplastics and phenanthrene to zebrafish ( <i>Danio rerio</i> ). <i>Science of the Total Environment</i> , 2021, 757, 143730.	8.0	99
41	African lungfish genome sheds light on the vertebrate water-to-land transition. <i>Cell</i> , 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. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10081-10088.	5.2	96
43	Concentrations, distribution, sources and risk assessment of organohalogenated contaminants in soils from Kenya, Eastern Africa. <i>Environmental Pollution</i> , 2016, 209, 177-185.	7.5	96
44	Microplastic pollution research methodologies, abundance, characteristics and risk assessments for aquatic biota in China. <i>Environmental Pollution</i> , 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. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 125, 115821.	11.4	90
46	Multiple degradation pathways of phenanthrene by <i>Stenotrophomonas maltophilia</i> C6. <i>International Biodeterioration and Biodegradation</i> , 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. <i>Chemosphere</i> , 2020, 258, 127345.	8.2	87
48	Microplastics and their potential effects on the aquaculture systems: a critical review. <i>Reviews in Aquaculture</i> , 2021, 13, 719-733.	9.0	87
49	Tetracyclines, sulfonamides and quinolones and their corresponding resistance genes in the Three Gorges Reservoir, China. <i>Science of the Total Environment</i> , 2018, 631-632, 840-848.	8.0	86
50	The effects of high-density polyethylene and polypropylene microplastics on the soil and earthworm <i>Metaphire guillelmi</i> gut microbiota. <i>Chemosphere</i> , 2021, 267, 129219.	8.2	85
51	Greenland Sea Gyre increases microplastic pollution in the surface waters of the Nordic Seas. <i>Science of the Total Environment</i> , 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. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15866-15879.	5.3	79
53	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> , 2020, 12, 141-151.	4.9	79
54	Species-specific effect of microplastics on fish embryos and observation of toxicity kinetics in larvae. <i>Journal of Hazardous Materials</i> , 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. <i>Microbial Ecology</i> , 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. <i>Environmental Toxicology and Pharmacology</i> , 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. <i>Journal of Hazardous Materials</i> , 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. <i>Journal of Environmental Monitoring</i> , 2007, 9, 582.	2.1	68
59	Characterization of microplastics in the surface seawater of the South Yellow Sea as affected by season. <i>Science of the Total Environment</i> , 2020, 724, 138375.	8.0	66
60	Microplastics in the Marine Environment: Sources, Fates, Impacts and Microbial Degradation. <i>Toxics</i> , 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. <i>Chemosphere</i> , 2020, 256, 127202.	8.2	66
62	Composition, distribution and risk assessment of organochlorine pesticides in soils from the Midway Atoll, North Pacific Ocean. <i>Science of the Total Environment</i> , 2013, 452-453, 421-426.	8.0	65
63	New Perspective on the Nanoplastics Disrupting the Reproduction of an Endangered Fern in Artificial Freshwater. <i>Environmental Science &amp; Technology</i> , 2019, 53, 12715-12724.	10.0	63
64	Distribution characteristics of microplastics in Zhubi Reef from South China Sea. <i>Environmental Pollution</i> , 2019, 255, 113133.	7.5	62
65	Concentrations, Distribution, and Ecological Risk Assessment of Heavy Metals in the East Dongting and Honghu Lake, China. <i>Exposure and Health</i> , 2016, 8, 31-41.	4.9	60
66	Fourier Transform Infrared Spectroscopy for Kona Coffee Authentication. <i>Journal of Food Science</i> , 2009, 74, C385-91.	3.1	59
67	Environmental risks of polymer materials from disposable face masks linked to the COVID-19 pandemic. <i>Science of the Total Environment</i> , 2022, 815, 152980.	8.0	58
68	Tetracyclines, sulfonamides and quinolones and their corresponding resistance genes in coastal areas of Beibu Gulf, China. <i>Science of the Total Environment</i> , 2020, 714, 136899.	8.0	57
69	Effects of micro(nano)plastics on higher plants and the rhizosphere environment. <i>Science of the Total Environment</i> , 2022, 807, 150841.	8.0	57
70	Tiered probabilistic assessment of organohalogen compounds in the Han River and Danjiangkou Reservoir, central China. <i>Science of the Total Environment</i> , 2017, 586, 163-173.	8.0	56
71	Endocrine-active chemicals in mammary cancer causation and prevention. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012, 129, 191-200.	2.5	55
72	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> , 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. <i>Chemosphere</i> , 2020, 260, 127656.	8.2	53
74	Concentrations, Source and Risk Assessment of Polycyclic Aromatic Hydrocarbons in Soils from Midway Atoll, North Pacific Ocean. <i>PLoS ONE</i> , 2014, 9, e86441.	2.5	53
75	Occurrence, composition and risk assessment of antibiotics in soils from Kenya, Africa. <i>Ecotoxicology</i> , 2016, 25, 1194-1201.	2.4	52
76	Impact of calcium on struvite crystallization in the wastewater and its competition with magnesium. <i>Chemical Engineering Journal</i> , 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. <i>Human and Ecological Risk Assessment (HERA)</i> , 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). <i>Journal of Environmental Management</i> , 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 CO <sub>2</sub> . <i>Renewable Energy</i> , 2020, 149, 708-715.	8.9	46
80	Occurrence, distribution and risk assessment of polychlorinated biphenyls and polybrominated diphenyl ethers in nine water sources. <i>Ecotoxicology and Environmental Safety</i> , 2015, 115, 55-61.	6.0	44
81	Oxidative Damage and Genetic Toxicity Induced by DBP in Earthworms ( <i>Eisenia fetida</i> ). <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 74, 527-538.	4.1	44
82	Ecotoxicological evaluation of zebrafish liver ( <i>Danio rerio</i> ) induced by dibutyl phthalate. <i>Journal of Hazardous Materials</i> , 2022, 425, 128027.	12.4	44
83	Enrichment and dissemination of bacterial pathogens by microplastics in the aquatic environment. <i>Science of the Total Environment</i> , 2022, 830, 154720.	8.0	43
84	Transformation mechanisms of tetracycline by horseradish peroxidase with/without redox mediator ABTS for variable water chemistry. <i>Chemosphere</i> , 2020, 258, 127306.	8.2	42
85	Interactions and associated resistance development mechanisms between microplastics, antibiotics and heavy metals in the aquaculture environment. <i>Reviews in Aquaculture</i> , 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. <i>Environmental Geochemistry and Health</i> , 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. <i>Catena</i> , 2018, 162, 72-79.	5.0	41
88	Residues of organochlorine pesticides in honeys from different geographic regions. <i>Food Research International</i> , 2010, 43, 2329-2334.	6.2	40
89	Distribution and ecological assessment of heavy metals in surface sediments of the East Lake, China. <i>Ecotoxicology</i> , 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. <i>Environmental Science and Pollution Research</i> , 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. <i>Ecotoxicology and Environmental Safety</i> , 2019, 186, 109796.	6.0	40
92	Microplastics in Surface Waters and Sediments from Guangdong Coastal Areas, South China. <i>Sustainability</i> , 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. <i>Environmental Science and Pollution Research</i> , 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. <i>Chemosphere</i> , 2014, 103, 256-262.	8.2	37
95	Nanomaterial-sensors for herbicides detection using electrochemical techniques and prospect applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 135, 116178.	11.4	37
96	Occurrences and toxicological risk assessment of eight heavy metals in agricultural soils from Kenya, Eastern Africa. <i>Environmental Science and Pollution Research</i> , 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. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 147.	2.7	35
98	Determination of Occurrences, Distribution, Health Impacts of Organochlorine Pesticides in Soils of Central China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 146.	2.6	35
99	The cytotoxic and genotoxic effects of metalaxyl on earthworms ( <i>Eisenia fetida</i> ). <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2344-2350.	4.3	34
100	Distribution and ecological risk assessment of organochlorine pesticides in surface sediments from the East Lake, China. <i>Environmental Science and Pollution Research</i> , 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. <i>Journal of Cleaner Production</i> , 2018, 198, 633-641.	9.3	33
102	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> , 2015, 138, 60-66.	8.2	32
103	Identification and expression analysis of a new invertebrate lysozyme in Kuruma shrimp ( <i>Marsupenaeus japonicus</i> ). <i>Fish and Shellfish Immunology</i> , 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. <i>Chemosphere</i> , 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. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111555.	6.0	30
106	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> , 2021, 104, 335-350.	6.1	30
107	Application of hyperspectral imaging technology in the rapid identification of microplastics in farmland soil. <i>Science of the Total Environment</i> , 2022, 807, 151030.	8.0	30
108	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> , 2022, 822, 153563.	8.0	30

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109	Interactions of microplastics and main pollutants and environmental behavior in soils. <i>Science of the Total Environment</i> , 2022, 821, 153511.	8.0	30
110	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> , 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. <i>Ecotoxicology</i> , 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. <i>PLoS ONE</i> , 2018, 13, e0205026.	2.5	29
113	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> , 2022, 803, 150027.	8.0	29
114	Concentrations, Distribution, and Ecological Risk Assessment of Heavy Metals in Daya Bay, China. <i>Water (Switzerland)</i> , 2018, 10, 780.	2.7	28
115	A dosage-effect assessment of acute toxicology tests of microplastic exposure in filter-feeding fish. <i>Fish and Shellfish Immunology</i> , 2021, 113, 154-161.	3.6	28
116	Bioavailability and toxicity of microplastics to zooplankton. <i>Gondwana Research</i> , 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. <i>Environmental Science: Nano</i> , 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. <i>Ecotoxicology</i> , 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. <i>PLoS ONE</i> , 2013, 8, e71521.	2.5	26
120	Characteristics, Toxic Effects, and Analytical Methods of Microplastics in the Atmosphere. <i>Nanomaterials</i> , 2021, 11, 2747.	4.1	26
121	Eco-corona formation and associated ecotoxicological impacts of nanoplastics in the environment. <i>Science of the Total Environment</i> , 2022, 836, 155703.	8.0	26
122	Simple quantitative analysis of <i>Escherichia coli</i> K-12 internalized in baby spinach using Fourier Transform Infrared spectroscopy. <i>International Journal of Food Microbiology</i> , 2010, 144, 147-151.	4.7	25
123	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> , 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. <i>Archives of Environmental Contamination and Toxicology</i> , 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. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2751.	2.6	25
126	Organohalogenated Contaminants (OHCs) in Surface Sediments and Water of East Dongting Lake and Hong Lake, China. <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 76, 157-170.	4.1	25



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127	Insight into the immune and microbial response of the white-leg shrimp <i>Litopenaeus vannamei</i> to microplastics. <i>Marine Environmental Research</i> , 2021, 169, 105377.	2.5	25
128	Characterization and environmental impacts of microplastics. <i>Gondwana Research</i> , 2021, 98, 63-75.	6.0	25
129	Toxicological impacts of micro(nano)plastics in the benthic environment. <i>Science of the Total Environment</i> , 2022, 836, 155620.	8.0	25
130	Teratogenic effects of environmentally relevant concentrations of phenanthrene on the early development of marine medaka ( <i>Oryzias latipes</i> ). <i>Chemosphere</i> , 2020, 254, 126900.	8.2	24
131	Microplastics Environmental Effect and Risk Assessment on the Aquaculture Systems from South China. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1869.	2.6	24
132	Distribution, transfer, ecological and human health risks of antibiotics in bay ecosystems. <i>Environment International</i> , 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 <i>Micropterus salmoides</i> . <i>Water Research</i> , 2022, 219, 118608.	11.3	24
134	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> , 2017, 101, 3463-3472.	3.6	23
135	Assessment of macrophyte, heavy metal, and nutrient concentrations in the water of the Nairobi River, Kenya. <i>Environmental Monitoring and Assessment</i> , 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. <i>Chemosphere</i> , 2022, 303, 134990.	8.2	23
137	Occurrence and risk assessment of estrogenic compounds in the East Lake, China. <i>Environmental Toxicology and Pharmacology</i> , 2017, 52, 69-76.	4.0	22
138	Profiles and Risk Assessment of Heavy Metals in Great Rift Lakes, Kenya. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1600825.	1.1	21
139	Interaction of micro(nano)plastics with extracellular and intracellular biomolecules in the freshwater environment. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 4241-4265.	12.8	21
140	Wastewater plastisphere enhances antibiotic resistant elements, bacterial pathogens, and toxicological impacts in the environment. <i>Science of the Total Environment</i> , 2022, 841, 156805.	8.0	20
141	Toxic effects of polystyrene nanoplastics and polybrominated diphenyl ethers to zebrafish ( <i>Danio rerio</i> ). <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1053-1062.	3.6	19
142	Construction of an integrated enzyme system consisting azoreductase and glucose 1-dehydrogenase for dye removal. <i>Bioresource Technology</i> , 2013, 130, 517-521.	9.6	18
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