

# Jun Wang

## List of Publications by Year in Descending Order

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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	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
196	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
195	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
194	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
193	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
192	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
191	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
190	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
189	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
188	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	
187	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
186	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
185	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
184	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
183	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
182	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
181	Selective enrichment of antibiotic resistome and bacterial pathogens by aquatic microplastics. <i>Journal of Hazardous Materials Advances</i> , <b>2022</b> , 100106		1

180	The Chinese pine genome and methylome unveil key features of conifer evolution.. <i>Cell</i> , <b>2021</b> ,	56.2	14
179	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
178	Transformation of Tetracycline by Manganese Peroxidase from. <i>Molecules</i> , <b>2021</b> , 26,	4.8	4
177	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
176	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
175	Characteristics, Toxic Effects, and Analytical Methods of Microplastics in the Atmosphere. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	6
174	Distribution, transfer, ecological and human health risks of antibiotics in bay ecosystems. <i>Environment International</i> , <b>2021</b> , 158, 106949	12.9	2
173	Microplastics in Surface Waters and Sediments from Guangdong Coastal Areas, South China. <i>Sustainability</i> , <b>2021</b> , 13, 2691	3.6	9
172	African lungfish genome sheds light on the vertebrate water-to-land transition. <i>Cell</i> , <b>2021</b> , 184, 1362-1376.e1827	36.2	1
171	Toxicological effects of nanoplastics and phenanthrene to zebrafish (Danio rerio). <i>Gondwana Research</i> , <b>2021</b> ,	5.1	6
170	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
169	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
168	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
167	Bioavailability and toxicity of microplastics to zooplankton. <i>Gondwana Research</i> , <b>2021</b> ,	5.1	5
166	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
165	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
164	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
163	Toxicological effects of microplastics and phenanthrene to zebrafish (Danio rerio). <i>Science of the Total Environment</i> , <b>2021</b> , 757, 143730	10.2	36

162	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
161	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
160	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
159	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
158	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
157	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
156	Microplastics in the Marine Environment: Sources, Fates, Impacts and Microbial Degradation. <i>Toxics</i> , <b>2021</b> , 9,	4.7	17
155	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
154	Occurrence and ecological impact of microplastics in aquaculture ecosystems. <i>Chemosphere</i> , <b>2021</b> , 274, 129989	8.4	24
153	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
152	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
151	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
150	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
149	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
148	Characterization and environmental impacts of microplastics. <i>Gondwana Research</i> , <b>2021</b> , 98, 63-75	5.1	8
147	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
146	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
145	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

144	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
143	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
142	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
141	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
140	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
139	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
138	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
137	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
136	Enrichment-Free Rapid Detection of Phthalates in Chinese Liquor with Electrochemical Impedance Spectroscopy. <i>Sensors</i> , <b>2020</b> , 20,	3.8	6
135	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
134	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
133	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
132	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
131	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
130	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
129	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
128	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
127	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

126	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
125	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
124	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
123	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
122	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
121	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
120	Microplastic pollution in vegetable farmlands of suburb Wuhan, central China. <i>Environmental Pollution</i> , <b>2020</b> , 257, 113449	9.3	117
119	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
118	Distribution characteristics of microplastics in Zhubi Reef from South China Sea. <i>Environmental Pollution</i> , <b>2019</b> , 255, 113133	9.3	36
117	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
116	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
115	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, 20671-2073 <sup>15</sup>	7.1	15
114	ARGA, a pipeline for primer evaluation on antibiotic resistance genes. <i>Environment International</i> , <b>2019</b> , 128, 137-145	12.9	7
113	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
112	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
111	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
110	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
109	Tests of Hexazinone and Tebuthiuron for Control of Exotic Plants in Kauai, Hawaii. <i>Forests</i> , <b>2019</b> , 10, 576	2.8	2



108	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
107	Antibiotics and Resistance Genes in Awash River Basin, Ethiopia. <i>EcoHealth</i> , <b>2019</b> , 16, 441-453	3.1	6
106	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
105	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
104	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
103	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
102	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
101	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
100	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
99	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
98	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
97	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
96	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
95	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
94	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
93	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
92	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
91	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

90	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
89	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
88	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
87	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
86	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
85	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
84	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
83	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
82	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
81	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
80	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
79	Concentrations, Distribution, and Ecological Risk Assessment of Heavy Metals in Daya Bay, China. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 780	3	12
78	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
77	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
76	Comparative evaluation of sorption kinetics and isotherms of pyrene onto microplastics. <i>Chemosphere</i> , <b>2018</b> , 193, 567-573	8.4	153
75	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
74	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
73	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



72	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
71	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
70	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
69	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
68	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
67	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
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24	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
23	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
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8	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> , <b>2010</b> , 144, 147-51	5.8	22
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