Yiliang He

List of Publications by Year
in descending order

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145 papers	5,810 citations	71061 41 h-index	95218 68 g-index
145 all docs	145 docs citations	145 times ranked	6217 citing authors

#	Article	IF	Citations
1	Emerging contaminants of public health significance as water quality indicator compounds in the urban water cycle. Environment International, 2014, 71, 46-62.	4.8	345
2	Removal of selected PPCPs, EDCs, and antibiotic resistance genes in landfill leachate by a full-scale constructed wetlands system. Water Research, 2017, 121, 46-60.	5.3	247
3	Natural organic matter removal and flux decline with PEGâ€“TiO2-doped PVDF membranes by integration of ultrafiltration with photocatalysis. Journal of Membrane Science, 2012, 405-406, 48-56.	4.1	200
4	Single Mn atom anchored on N-doped porous carbon as highly efficient Fenton-like catalyst for the degradation of organic contaminants. Applied Catalysis B: Environmental, 2020, 279, 119363.	10.8	182
5	High-concentration food wastewater treatment by an anaerobic membrane bioreactor. Water Research, 2005, 39, 4110-4118.	5.3	153
6	High-throughput profiling of antibiotic resistance gene dynamic in a drinking water river-reservoir system. Water Research, 2019, 149, 179-189.	5.3	150
7	A highly efficient Fenton-like catalyst based on isolated diatomic Fe-Co anchored on N-doped porous carbon. Chemical Engineering Journal, 2021, 404, 126376.	6.6	143
8	Perfluoroalkyl and polyfluoroalkyl substances removal in a full-scale tropical constructed wetland system treating landfill leachate. Water Research, 2017, 125, 418-426.	5.3	126
9	State of the art of tertiary treatment technologies for controlling antibiotic resistance in wastewater treatment plants. Environment International, 2019, 131, 105026.	4.8	125
10	Investigation of pharmaceuticals, personal care products and endocrine disrupting chemicals in a tropical urban catchment and the influence of environmental factors. Science of the Total Environment, 2015, 536, 955-963.	3.9	104
11	Photo-Fenton degradation of amoxicillin via magnetic TiO2-graphene oxide-Fe3O4 composite with a submerged magnetic separation membrane photocatalytic reactor (SMSMPR). Journal of Hazardous Materials, 2019, 373, 437-446.	6.5	101
12	Photocatalytic degradation of amoxicillin via TiO2 nanoparticle coupling with a novel submerged porous ceramic membrane reactor. Journal of Cleaner Production, 2019, 209, 755-761.	4.6	101
13	Source, fate, transport and modelling of selected emerging contaminants in the aquatic environment: Current status and future perspectives. Water Research, 2022, 217, 118418.	5.3	95
14	Heterotrophic ammonium removal characteristics of an aerobic heterotrophic nitrifying-denitrifying bacterium, Providencia rettgeri YL. Journal of Environmental Sciences, 2009, 21, 1336-1341.	3.2	92
15	The bio-chemical cycle of iron and the function induced by ZVI addition in anaerobic digestion: A review. Water Research, 2020, 186, 116405.	5.3	85
16	Environmental media exert a bottleneck in driving the dynamics of antibiotic resistance genes in modern aquatic environment. Water Research, 2019, 162, 127-138.	5.3	80
17	Effects of aqueous stable fullerene nanocrystals (nC60) on Daphnia magna: Evaluation of sub-lethal reproductive responses and accumulation. Chemosphere, 2009, 77, 1482-1487.	4.2	79
18	Phenol biodegradation and microbial community dynamics in extractive membrane bioreactor (EMBR) for phenol-laden saline wastewater. Bioresource Technology, 2017, 244, 1121-1128.	4.8	78

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19	Phosphorus fractions and phosphate sorption-release characteristics of the sediment in the Yangtze River estuary reservoir. Ecological Engineering, 2013, 55, 62-66.	1.6	74
20	Occurrence and fate of benzophenone-type UV filters in aquatic environments: a review. Environmental Science: Water Research and Technology, 2019, 5, 209-223.	1.2	73
21	Optimizing mixing strategy to improve the performance of an anaerobic digestion waste-to-energy system for energy recovery from food waste. Applied Energy, 2019, 249, 28-36.	5.1	73
22	Key factors driving the fate of antibiotic resistance genes and controlling strategies during aerobic composting of animal manure: A review. Science of the Total Environment, 2021, 791, 148372.	3.9	73
23	Comparison of quartz sand, anthracite, shale and biological ceramsite for adsorptive removal of phosphorus from aqueous solution. Journal of Environmental Sciences, 2014, 26, 466-477.	3.2	69
24	Recovery of small dye molecules from aqueous solutions using charged ultrafiltration membranes. Journal of Hazardous Materials, 2015, 284, 58-64.	6.5	65
25	Changes in metabolites, antioxidant system, and gene expression in Microcystis aeruginosa under sodium chloride stress. Ecotoxicology and Environmental Safety, 2015, 122, 126-135.	2.9	64
26	Effects of benzophenone-3 on the green alga Chlamydomonas reinhardtii and the cyanobacterium Microcystis aeruginosa. Aquatic Toxicology, 2017, 193, 1-8.	1.9	62
27	Occurrence and fate of antibiotic residues and antibiotic resistance genes in a reservoir with ecological purification facilities for drinking water sources. Science of the Total Environment, 2020, 707, 135276.	3.9	61
28	Simultaneous analysis of multiple classes of antimicrobials in environmental water samples using SPE coupled with UHPLC-ESI-MS/MS and isotope dilution. Talanta, 2016, 159, 163-173.	2.9	60
29	Biochar enhanced high-solid mesophilic anaerobic digestion of food waste: Cell viability and methanogenic pathways. Chemosphere, 2021, 272, 129863.	4.2	59
30	Metabolic responses of the growing Daphnia similis to chronic AgNPs exposure as revealed by GC-Q-TOF/MS and LC-Q-TOF/MS. Water Research, 2017, 114, 135-143.	5.3	58
31	Biological effect of aqueous C60 aggregates on Scenedesmus obliquus revealed by transcriptomics and non-targeted metabolomics. Journal of Hazardous Materials, 2017, 324, 221-229.	6.5	58
32	Occurrence, distribution and risk assessment of pesticides in a river-reservoir system. Ecotoxicology and Environmental Safety, 2018, 166, 320-327.	2.9	55
33	Antibiotic resistome associated with microbial communities in an integrated wastewater reclamation system. Water Research, 2020, 173, 115541.	5.3	53
34	Microcystis aeruginosa removal by peroxides of hydrogen peroxide, peroxymonosulfate and peroxydisulfate without additional activators. Water Research, 2021, 201, 117263.	5.3	53
35	Occurrence, Distribution, and Risk Assessment of Antibiotics in a Subtropical River-Reservoir System. Water (Switzerland), 2018, 10, 104.	1.2	50
36	Enhanced catalytic activation of photo-Fenton process by Cu0Â·5Mn0Â·5Fe2O4 for effective removal of organic contaminants. Chemosphere, 2020, 247, 125780.	4.2	50

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37	Phenol separation from phenol-laden saline wastewater by membrane aromatic recovery system-like membrane contactor using superhydrophobic/organophilic electrospun PDMS/PMMA membrane. Water Research, 2018, 135, 31-43.	5.3	49
38	Enhancement of methanogenic performance by gasification biochar on anaerobic digestion. Bioresource Technology, 2021, 330, 124993.	4.8	49
39	Comprehensive insights into the occurrence, distribution, risk assessment and indicator screening of antibiotics in a large drinking reservoir system. Science of the Total Environment, 2020, 716, 137060.	3.9	46
40	Occurrence and Fate of Benzophenone-Type UV Filters in a Tropical Urban Watershed. Environmental Science & Technology, 2018, 52, 3960-3967.	4.6	44
41	Metabolite changes behind faster growth and less reproduction of Daphnia similis exposed to low-dose silver nanoparticles. Ecotoxicology and Environmental Safety, 2018, 163, 266-273.	2.9	43
42	Effects of aqueous stable fullerene nanocrystal (nC 60) on Scenedesmus obliquus : Evaluation of the sub-lethal photosynthetic responses and inhibition mechanism. Chemosphere, 2015, 122, 162-167.	4.2	41
43	Seasonal variation in the bacterial community composition of a large estuarine reservoir and response to cyanobacterial proliferation. Chemosphere, 2018, 202, 576-585.	4.2	41
44	Effects of activated carbon on anaerobic digestion â€“ Methanogenic metabolism, mechanisms of antibiotics and antibiotic resistance genes removal. Bioresource Technology Reports, 2019, 5, 113-120.	1.5	41
45	Use of an integrated metabolomics platform for mechanistic investigations of three commonly used algaecides on cyanobacterium, Microcystis aeruginosa. Journal of Hazardous Materials, 2019, 367, 120-127.	6.5	41
46	Changes of antibiotic resistance genes and bacterial communities in the advanced biological wastewater treatment system under low selective pressure of tetracycline. Water Research, 2021, 207, 117834.	5.3	41
47	Anaerobic degradation behavior of nonylphenol polyethoxylates in sludge. Chemosphere, 2008, 71, 345-351.	4.2	40
48	Unveiling dynamics of size-dependent antibiotic resistome associated with microbial communities in full-scale wastewater treatment plants. Water Research, 2020, 187, 116450.	5.3	38
49	Fabrication of superhydrophobic PDTS-ZnO-PVDF membrane and its anti-wetting analysis in direct contact membrane distillation (DCMD) applications. Journal of Membrane Science, 2021, 620, 118924.	4.1	38
50	Deciphering of antibiotic resistance genes (ARGs) and potential abiotic indicators for the emergence of ARGs in an interconnected lake-river-reservoir system. Journal of Hazardous Materials, 2021, 410, 124552.	6.5	38
51	Adsorption of antimonite and antimonate from aqueous solution using modified polyacrylonitrile with an ultrahigh percentage of amidoxime groups. Journal of Hazardous Materials, 2020, 388, 121997.	6.5	37
52	Characterization of occurrence, sources and sinks of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in a tropical urban catchment. Environmental Pollution, 2017, 227, 397-405.	3.7	36
53	DOM as an indicator of occurrence and risks of antibiotics in a city-river-reservoir system with multiple pollution sources. Science of the Total Environment, 2019, 686, 276-289.	3.9	36
54	Biotransformation of Sulfluramid (N-ethyl perfluorooctane sulfonamide) and dynamics of associated rhizospheric microbial community in microcosms of wetland plants. Chemosphere, 2018, 211, 379-389.	4.2	35

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55	Biodegradation of nonylphenol polyethoxylates by denitrifying activated sludge. Water Research, 2008, 42, 1075-1082.	5.3	34
56	Antioxidant responses in cyanobacterium Microcystis aeruginosa caused by two commonly used UV filters, benzophenone-1 and benzophenone-3, at environmentally relevant concentrations. Journal of Hazardous Materials, 2020, 396, 122587.	6.5	34
57	Biotransformation of polyfluoroalkyl substances by microbial consortia from constructed wetlands under aerobic and anoxic conditions. Chemosphere, 2019, 233, 101-109.	4.2	33
58	Insights into the role of dual reaction sites for single Ni atom Fenton-like catalyst towards degradation of various organic contaminants. Journal of Hazardous Materials, 2022, 430, 128463.	6.5	32
59	Macrophage apoptosis induced by aqueous C60 aggregates changing the mitochondrial membrane potential. Environmental Toxicology and Pharmacology, 2015, 39, 237-246.	2.0	31
60	Developing an integrated 3D-hydrodynamic and emerging contaminant model for assessing water quality in a Yangtze Estuary Reservoir. Chemosphere, 2017, 188, 218-230.	4.2	31
61	Boiler feed water deoxygenation using hollow fiber membrane contactor. Desalination, 2008, 234, 370-377.	4.0	30
62	Multi-phase distribution, spatiotemporal variation and risk assessment of antibiotics in a typical urban-rural watershed. Ecotoxicology and Environmental Safety, 2020, 206, 111156.	2.9	29
63	Food waste treating by biochar-assisted high-solid anaerobic digestion coupled with steam gasification: Enhanced bioenergy generation and porous biochar production. Bioresource Technology, 2021, 331, 125051.	4.8	29
64	Effects of sulfate on microcystin production, photosynthesis, and oxidative stress in Microcystis aeruginosa. Environmental Science and Pollution Research, 2016, 23, 3586-3595.	2.7	27
65	Occurrence, Seasonal Variation and Risk Assessment of Antibiotics in Qingcaosha Reservoir. Water (Switzerland), 2018, 10, 115.	1.2	27
66	Metabolites change of Scenedesmus obliquus exerted by AgNPs. Journal of Environmental Sciences, 2019, 76, 310-318.	3.2	27
67	Effects of stable aqueous fullerene nanocrystal (nC60) on Daphnia magna: Evaluation of hop frequency and accumulations under different conditions. Journal of Environmental Sciences, 2011, 23, 322-329.	3.2	26
68	Effects of aqueous stable fullerene nanocrystal (nC60) on copper (trace necessary nutrient metal): Enhanced toxicity and accumulation of copper in Daphnia magna. Chemosphere, 2013, 92, 1245-1252.	4.2	26
69	Assessment of human exposure to benzophenone-type UV filters: A review. Environment International, 2022, 167, 107405.	4.8	26
70	Biodegradation of nonylphenol polyethoxylates under Fe(III)-reducing conditions. Chemosphere, 2007, 69, 1047-1054.	4.2	25
71	Electron transfer mediation by aqueous C₆₀aggregates in H₂O₂/UV advanced oxidation of indigo carmine. Nanoscale, 2014, 6, 13579-13585.	2.8	25
72	Potential of coagulation to remove particle-associated and free-living antibiotic resistome from wastewater. Journal of Hazardous Materials, 2021, 406, 124295.	6.5	25

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73	Size-dependent adsorption of waterborne Benzophenone-3 on microplastics and its desorption under simulated gastrointestinal conditions. Chemosphere, 2022, 286, 131735.	4.2	25
74	A fullerene colloidal suspension stimulates the growth and denitrification ability of wastewater treatment sludge-derived bacteria. Chemosphere, 2014, 108, 411-417.	4.2	24
75	Changes in degrading ability, populations and metabolism of microbes in activated sludge in the treatment of phenol wastewater. RSC Advances, 2017, 7, 52841-52851.	1.7	24
76	Characterizing spatiotemporal variations of chromophoric dissolved organic matter in headwater catchment of a key drinking water source in China. Environmental Science and Pollution Research, 2017, 24, 27799-27812.	2.7	22
77	Size-dependent adsorption of antibiotics onto nanoparticles in a field-scale wastewater treatment plant. Environmental Pollution, 2019, 248, 1079-1087.	3.7	22
78	Microâ€“Nano Magnetite-Loaded Biochar Enhances Interspecies Electron Transfer and Viability of Functional Microorganisms in Anaerobic Digestion. ACS Sustainable Chemistry and Engineering, 2022, 10, 2811-2821.	3.2	22
79	Unraveling the molecular mechanism of photosynthetic toxicity of highly fluorescent silver nanoclusters to Scenedesmus obliquus. Scientific Reports, 2017, 7, 16432.	1.6	21
80	Isolation and Characterization of the First Freshwater Cyanophage InfectingPseudanabaena. Journal of Virology, 2020, 94, .	1.5	21
81	Novel cyanotoxin-producing Synechococcus in tropical lakes. Water Research, 2021, 192, 116828.	5.3	21
82	A comprehensive modelling approach to understanding the fate, transport and potential risks of emerging contaminants in a tropical reservoir. Water Research, 2021, 200, 117298.	5.3	21
83	To centralize or to decentralize? A systematic framework for optimizing rural wastewater treatment planning. Journal of Environmental Management, 2021, 300, 113673.	3.8	21
84	Efficient degradation of Bisphenol A by dielectric barrier discharge non-thermal plasma: Performance, degradation pathways and mechanistic consideration. Chemosphere, 2022, 286, 131627.	4.2	21
85	Dynamic distribution and driving mechanisms of antibiotic resistance genes in a human-intensive watershed. Water Research, 2022, 222, 118841.	5.3	21
86	Uptake and effect of highly fluorescent silver nanoclusters on Scenedesmus obliquus. Chemosphere, 2016, 153, 322-331.	4.2	20
87	Evaluating the Joint Toxicity of Two Benzophenone-Type UV Filters on the Green Alga Chlamydomonas reinhardtii with Response Surface Methodology. Toxics, 2018, 6, 8.	1.6	20
88	Enhanced catalytic degradation of amoxicillin with TiO₂â€“Fe₃O₄ composites via a submerged magnetic separation membrane photocatalytic reactor (SMSMPR). RSC Advances, 2019, 9, 12538-12546.	1.7	20
89	Employing multi-omics to elucidate the hormetic response against oxidative stress exerted by nC60 on Daphnia pulex. Environmental Pollution, 2019, 251, 22-29.	3.7	20
90	Mixing strategies â€“ Activated carbon nexus: Rapid start-up of thermophilic anaerobic digestion with the mesophilic anaerobic sludge as inoculum. Bioresource Technology, 2020, 310, 123401.	4.8	20

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91	New insight on Fe-bioavailability: Bio-uptake, utilization and induce in optimizing methane production in anaerobic digestion. Chemical Engineering Journal, 2022, 441, 136099.	6.6	20
92	Simultaneous removal of humic acid and heavy metal from aqueous solutions using charged ultrafiltration membranes. Separation Science and Technology, 2017, 52, 1913-1919.	1.3	19
93	Heavy metals in a typical city-river-reservoir system of East China: Multi-phase distribution, microbial response and ecological risk. Journal of Environmental Sciences, 2022, 112, 343-354.	3.2	19
94	Co-degradation of ofloxacin and its impact on solid phase denitrification with polycaprolactone as carbon source. Bioresource Technology, 2022, 350, 126938.	4.8	19
95	Population-based variations of a core resistome revealed by urban sewage metagenome surveillance. Environment International, 2022, 163, 107185.	4.8	19
96	Biodegradation of nonylphenol polyethoxylates under sulfate-reducing conditions. Science of the Total Environment, 2008, 399, 121-127.	3.9	18
97	Aerobic and anaerobic biodegradation of nonylphenol ethoxylates in estuary sediment of Yangtze River, China. Environmental Geology, 2009, 57, 1-8.	1.2	17
98	Microplastics in equatorial coasts: Pollution hotspots and spatiotemporal variations associated with tropical monsoons. Journal of Hazardous Materials, 2022, 424, 127626.	6.5	16
99	Simultaneous Nitrification and Denitrification in a Membrane Bioreactor and Isolation of Heterotrophic Nitrifying Bacteria. Japanese Journal of Water Treatment Biology, 2004, 40, 105-114.	0.2	15
100	Simultaneous Removal of Phenol and Ammonium Using Serratia sp. LJ-1 Capable of Heterotrophic Nitrification-Aerobic Denitrification. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	15
101	Developing an antibacterial super-hydrophilic barrier between bacteria and membranes to mitigate the severe impacts of biofouling. Biofouling, 2016, 32, 1089-1102.	0.8	15
102	Occurrence, impact variables and potential risk of PPCPs and pesticides in a drinking water reservoir and related drinking water treatment plants in the Yangtze Estuary. Environmental Sciences: Processes and Impacts, 2018, 20, 1030-1045.	1.7	15
103	A sensitive and accurate method for simultaneous analysis of algal toxins in freshwater using UPLC-MS/MS and 15N-microcystins as isotopically labelled internal standards. Science of the Total Environment, 2020, 738, 139727.	3.9	15
104	Biodegradation of nonylphenol ethoxylates byBacillussp. LY capable of heterotrophic nitrification. FEMS Microbiology Letters, 2008, 280, 28-33.	0.7	14
105	Removal of Microcystis aeruginosa using nano-Fe3O4 particles as a coagulant aid. Environmental Science and Pollution Research, 2015, 22, 18731-18740.	2.7	14
106	The Characteristics and Dynamics of Cyanobacteriaâ€“Heterotrophic Bacteria Between Two Estuarine Reservoirs â€“ Tropical Versus Sub-Tropical Regions. Frontiers in Microbiology, 2018, 9, 2531.	1.5	14
107	Occurrence and distribution of viruses and picoplankton in tropical freshwater bodies determined by flow cytometry. Water Research, 2019, 149, 342-350.	5.3	14
108	Effect of ionic liquid on the structure and desalination performance of PVDFâ€PTFE electrospun membrane. Journal of Applied Polymer Science, 2020, 137, 48467.	1.3	13

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109	Quantification of cylindrospermopsin, anatoxin-a and homoanatoxin-a in cyanobacterial bloom freshwater using direct injection/SPE coupled with UPLC-MS/MS. Science of the Total Environment, 2020, 731, 139014.	3.9	13
110	Bioelectrochemical Enhancement of Methanogenic Metabolism in Anaerobic Digestion of Food Waste Under Salt Stress Conditions. ACS Sustainable Chemistry and Engineering, 2021, 9, 13526-13535.	3.2	13
111	Multi-class secondary metabolites in cyanobacterial blooms from a tropical water body: Distribution patterns and real-time prediction. Water Research, 2022, 212, 118129.	5.3	13
112	Impact of sulfate and chloride on sediment phosphorus release in the Yangtze Estuary Reservoir, China. Water Science and Technology, 2013, 67, 1748-1756.	1.2	12
113	Fouling-free ultrafiltration for humic acid removal. RSC Advances, 2018, 8, 24961-24969.	1.7	12
114	Global calibration model of UV-Vis spectroscopy for COD estimation in the effluent of rural sewage treatment facilities. RSC Advances, 2020, 10, 20691-20700.	1.7	12
115	What's the cost-effective pattern for rural wastewater treatment?. Journal of Environmental Management, 2022, 303, 114226.	3.8	12
116	Simultaneous Recovery of Nickel and Cobalt from Aqueous Solutions using Complexation-Ultrafiltration Process. Separation Science and Technology, 2013, 48, 2735-2740.	1.3	11
117	Removing polybrominated diphenyl ethers in pure water using Fe/Pd bimetallic nanoparticles. Frontiers of Environmental Science and Engineering, 2015, 9, 832-839.	3.3	11
118	Photocatalytic degradation of polybrominated diphenyl ethers in pure water system. Frontiers of Environmental Science and Engineering, 2016, 10, 229-235.	3.3	11
119	Simultaneous removal of aniline and antimony (Sb(V)) from textile wastewater using amidoxime-PAN/PLA nanofiber microsphere supported TiO2. Separation and Purification Technology, 2022, 286, 120435.	3.9	11
120	Advancing prediction of emerging contaminants in a tropical reservoir with general water quality indicators based on a hybrid process and data-driven approach. Journal of Hazardous Materials, 2022, 430, 128492.	6.5	11
121	Effects of aqueous stable fullerene nanocrystals (nC60) on the food conversion from Daphnia magna to Danio rerio in a simplified freshwater food chain. Chemosphere, 2016, 145, 157-162.	4.2	10
122	The Effects of Antibiotics on Microbial Community Composition in an Estuary Reservoir during Spring and Summer Seasons. Water (Switzerland), 2018, 10, 154.	1.2	10
123	Longâ€term land use/cover changes reduce soil erosion in an ionic rareâ€earth mineral area of southern China. Land Degradation and Development, 2021, 32, 4042-4055.	1.8	10
124	Novel Freshwater Cyanophages Provide New Insights into Evolutionary Relationships between Freshwater and Marine Cyanophages. Microbiology Spectrum, 2021, 9, e0059321.	1.2	10
125	Impacts of size-fractionation on toxicity of marine microplastics: Enhanced integrated biomarker assessment in the tropical mussels, Perna viridis. Science of the Total Environment, 2022, 835, 155459.	3.9	10
126	Emergency membrane contactor based absorption system for ammonia leaks in water treatment plants. Journal of Environmental Sciences, 2008, 20, 1189-1194.	3.2	8

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127	Inherent porous structure modified by titanium dioxide nanoparticle incorporation and effect on the fouling behavior of hybrid poly(vinylidene fluoride) membranes. Journal of Applied Polymer Science, 2016, 133, .	1.3	8
128	Genomic Characterization of a Novel Freshwater Cyanophage Reveals a New Lineage of Cyanopodovirus. Frontiers in Microbiology, 2021, 12, 768868.	1.5	8
129	Fabrication of 3D hierarchical porous amidoxime-polyacrylonitrile spheres via nanoscale thermally induced phase separation with superhigh antimonate adsorption capacity. Journal of Cleaner Production, 2021, 310, 127400.	4.6	7
130	Mesophilic and thermophilic anaerobic digestion of animal manure: Integrated insights from biogas productivity, microbial viability and enzymatic activity. Fuel, 2022, 320, 123990.	3.4	7
131	Variations of Bacterial Community Composition and Functions in an Estuary Reservoir during Spring and Summer Alternation. Toxins, 2018, 10, 315.	1.5	6
132	Restricted fiber contraction during amidoximation process for reinforced-concrete structured nanofiber sphere with superior Sb(V) adsorption capacity. Journal of Hazardous Materials, 2022, 426, 127835.	6.5	6
133	Effect of aniline and antimony on anaerobic-anoxic-oxic system with novel amidoxime-modified polyacrylonitrile adsorbent for wastewater treatment. Bioresource Technology, 2022, 351, 127082.	4.8	6
134	Phycocyanin-rich Synechococcus dominates the blooms in a tropical estuary lake. Journal of Environmental Management, 2022, 311, 114889.	3.8	6
135	Impacts of Microcystis on the Dissemination of the Antibiotic Resistome in Cyanobacterial Blooms. ACS ES&T Water, 2021, 1, 1263-1273.	2.3	5
136	Fenton oxidation of 2,4- and 2,6-dinitrotoluene and acetone inhibition. Frontiers of Environmental Science and Engineering in China, 2008, 2, 326-332.	0.8	4
137	Employing a novel O₃/H₂O₂ + BiPO₄/UV synergy technique to deal with thiourea-containing photovoltaic wastewater. RSC Advances, 2019, 9, 450-459.	1.7	4
138	Picophytoplankton identification by flow cytometry and high-throughput sequencing in a clean reservoir. Ecotoxicology and Environmental Safety, 2021, 216, 112216.	2.9	4
139	A new modelling framework for assessing the relative burden of antimicrobial resistance in aquatic environments. Journal of Hazardous Materials, 2022, 424, 127621.	6.5	4
140	Comprehensive insights into the occurrence, source, distribution and risk assessment of polycyclic aromatic hydrocarbons in a large drinking reservoir system. Environmental Science and Pollution Research, 2022, 29, 6449-6462.	2.7	3
141	Potential influence of overwintering benthic algae on water quality. Journal of Environmental Sciences, 2022, 117, 58-70.	3.2	3
142	The role of a hybrid phytosystem in landscape water purification and herbicides removal. Water Science and Technology, 2015, 72, 2052-2061.	1.2	2
143	Effect of surfactants on the removal and acute toxicity of aqueous nC60 aggregates in water treatment process. Environmental Science and Pollution Research, 2015, 22, 9676-9685.	2.7	2
144	Behavior of aqueous stable colloidal nano-C60 aggregates exposed to TX100 micelles under different environmental conditions. Frontiers of Environmental Science and Engineering, 2015, 9, 197-205.	3.3	1

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145	Application of a Mechanistic Model for the Prediction of Microcystin Production by Microcystis in Lab Cultures and Tropical Lake. Toxins, 2022, 14, 103.	1.5	0