

Yiliang He

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141
papers

3,398
citations

31
h-index

52
g-index

145
ext. papers

4,554
ext. citations

8.5
avg, IF

5.95
L-index

#	Paper	IF	Citations
141	Emerging contaminants of public health significance as water quality indicator compounds in the urban water cycle. <i>Environment International</i> , 2014 , 71, 46-62	12.9	270
140	Removal of selected PPCPs, EDCs, and antibiotic resistance genes in landfill leachate by a full-scale constructed wetlands system. <i>Water Research</i> , 2017 , 121, 46-60	12.5	171
139	Natural organic matter removal and flux decline with PEG π iO $_2$ -doped PVDF membranes by integration of ultrafiltration with photocatalysis. <i>Journal of Membrane Science</i> , 2012 , 405-406, 48-56	9.6	168
138	High-concentration food wastewater treatment by an anaerobic membrane bioreactor. <i>Water Research</i> , 2005 , 39, 4110-8	12.5	130
137	Perfluoroalkyl and polyfluoroalkyl substances removal in a full-scale tropical constructed wetland system treating landfill leachate. <i>Water Research</i> , 2017 , 125, 418-426	12.5	83
136	Investigation of pharmaceuticals, personal care products and endocrine disrupting chemicals in a tropical urban catchment and the influence of environmental factors. <i>Science of the Total Environment</i> , 2015 , 536, 955-963	10.2	80
135	High-throughput profiling of antibiotic resistance gene dynamic in a drinking water river-reservoir system. <i>Water Research</i> , 2019 , 149, 179-189	12.5	75
134	State of the art of tertiary treatment technologies for controlling antibiotic resistance in wastewater treatment plants. <i>Environment International</i> , 2019 , 131, 105026	12.9	74
133	Single Mn atom anchored on N-doped porous carbon as highly efficient Fenton-like catalyst for the degradation of organic contaminants. <i>Applied Catalysis B: Environmental</i> , 2020 , 279, 119363	21.8	74
132	Effects of aqueous stable fullerene nanocrystals (nC60) on <i>Daphnia magna</i> : evaluation of sub-lethal reproductive responses and accumulation. <i>Chemosphere</i> , 2009 , 77, 1482-7	8.4	72
131	Heterotrophic ammonium removal characteristics of an aerobic heterotrophic nitrifying-denitrifying bacterium, <i>Providencia rettgeri</i> YL. <i>Journal of Environmental Sciences</i> , 2009 , 21, 1336-41	6.4	69
130	Photocatalytic degradation of amoxicillin via TiO $_2$ nanoparticle coupling with a novel submerged porous ceramic membrane reactor. <i>Journal of Cleaner Production</i> , 2019 , 209, 755-761	10.3	62
129	Photo-Fenton degradation of amoxicillin via magnetic TiO $_2$ -graphene oxide-FeO composite with a submerged magnetic separation membrane photocatalytic reactor (SMSMPR). <i>Journal of Hazardous Materials</i> , 2019 , 373, 437-446	12.8	60
128	Phenol biodegradation and microbial community dynamics in extractive membrane bioreactor (EMBR) for phenol-laden saline wastewater. <i>Bioresource Technology</i> , 2017 , 244, 1121-1128	11	60
127	Phosphorus fractions and phosphate sorption-release characteristics of the sediment in the Yangtze River estuary reservoir. <i>Ecological Engineering</i> , 2013 , 55, 62-66	3.9	60
126	Metabolic responses of the growing <i>Daphnia similis</i> to chronic AgNPs exposure as revealed by GC-Q-TOF/MS and LC-Q-TOF/MS. <i>Water Research</i> , 2017 , 114, 135-143	12.5	52
125	Recovery of small dye molecules from aqueous solutions using charged ultrafiltration membranes. <i>Journal of Hazardous Materials</i> , 2015 , 284, 58-64	12.8	52

124	A highly efficient Fenton-like catalyst based on isolated diatomic Fe-Co anchored on N-doped porous carbon. <i>Chemical Engineering Journal</i> , 2021 , 404, 126376	14.7	52
123	Comparison of quartz sand, anthracite, shale and biological ceramsite for adsorptive removal of phosphorus from aqueous solution. <i>Journal of Environmental Sciences</i> , 2014 , 26, 466-77	6.4	51
122	Simultaneous analysis of multiple classes of antimicrobials in environmental water samples using SPE coupled with UHPLC-ESI-MS/MS and isotope dilution. <i>Talanta</i> , 2016 , 159, 163-173	6.2	48
121	Optimizing mixing strategy to improve the performance of an anaerobic digestion waste-to-energy system for energy recovery from food waste. <i>Applied Energy</i> , 2019 , 249, 28-36	10.7	47
120	Changes in metabolites, antioxidant system, and gene expression in <i>Microcystis aeruginosa</i> under sodium chloride stress. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 122, 126-35	7	45
119	Occurrence and fate of benzophenone-type UV filters in aquatic environments: a review. <i>Environmental Science: Water Research and Technology</i> , 2019 , 5, 209-223	4.2	44
118	Environmental media exert a bottleneck in driving the dynamics of antibiotic resistance genes in modern aquatic environment. <i>Water Research</i> , 2019 , 162, 127-138	12.5	39
117	Biological effect of aqueous C aggregates on <i>Scenedesmus obliquus</i> revealed by transcriptomics and non-targeted metabolomics. <i>Journal of Hazardous Materials</i> , 2017 , 324, 221-229	12.8	39
116	Effects of benzophenone-3 on the green alga <i>Chlamydomonas reinhardtii</i> and the cyanobacterium <i>Microcystis aeruginosa</i> . <i>Aquatic Toxicology</i> , 2017 , 193, 1-8	5.1	37
115	Anaerobic degradation behavior of nonylphenol polyethoxylates in sludge. <i>Chemosphere</i> , 2008 , 71, 345-354	31	36
114	The bio-chemical cycle of iron and the function induced by ZVI addition in anaerobic digestion: A review. <i>Water Research</i> , 2020 , 186, 116405	12.5	36
113	Effects of aqueous stable fullerene nanocrystal (nC60) on <i>Scenedesmus obliquus</i> : evaluation of the sub-lethal photosynthetic responses and inhibition mechanism. <i>Chemosphere</i> , 2015 , 122, 162-167	8.4	35
112	Biodegradation of nonylphenol polyethoxylates by denitrifying activated sludge. <i>Water Research</i> , 2008 , 42, 1075-82	12.5	33
111	Occurrence, distribution and risk assessment of pesticides in a river-reservoir system. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 166, 320-327	7	31
110	Occurrence and Fate of Benzophenone-Type UV Filters in a Tropical Urban Watershed. <i>Environmental Science & Technology</i> , 2018 , 52, 3960-3967	10.3	30
109	Metabolite changes behind faster growth and less reproduction of <i>Daphnia similis</i> exposed to low-dose silver nanoparticles. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 163, 266-273	7	29
108	Occurrence, Distribution, and Risk Assessment of Antibiotics in a Subtropical River-Reservoir System. <i>Water (Switzerland)</i> , 2018 , 10, 104	3	29
107	Characterization of occurrence, sources and sinks of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in a tropical urban catchment. <i>Environmental Pollution</i> , 2017 , 227, 397-405	9.3	28

106	Phenol separation from phenol-laden saline wastewater by membrane aromatic recovery system-like membrane contactor using superhydrophobic/organophilic electrospun PDMS/PMMA membrane. <i>Water Research</i> , 2018 , 135, 31-43	12.5	28
105	Macrophage apoptosis induced by aqueous C60 aggregates changing the mitochondrial membrane potential. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 39, 237-46	5.8	27
104	Enhanced catalytic activation of photo-Fenton process by CuMnFeO for effective removal of organic contaminants. <i>Chemosphere</i> , 2020 , 247, 125780	8.4	27
103	Effects of activated carbon on anaerobic digestion [Methanogenic metabolism, mechanisms of antibiotics and antibiotic resistance genes removal. <i>Bioresource Technology Reports</i> , 2019 , 5, 113-120	4.1	26
102	Effects of aqueous stable fullerene nanocrystal (nC60) on copper (trace necessary nutrient metal): Enhanced toxicity and accumulation of copper in <i>Daphnia magna</i> . <i>Chemosphere</i> , 2013 , 92, 1245-52	8.4	26
101	Adsorption of antimonite and antimonate from aqueous solution using modified polyacrylonitrile with an ultrahigh percentage of amidoxime groups. <i>Journal of Hazardous Materials</i> , 2020 , 388, 121997	12.8	26
100	Seasonal variation in the bacterial community composition of a large estuarine reservoir and response to cyanobacterial proliferation. <i>Chemosphere</i> , 2018 , 202, 576-585	8.4	25
99	Effects of stable aqueous fullerene nanocrystal (nC60) on <i>Daphnia magna</i> : evaluation of hop frequency and accumulations under different conditions. <i>Journal of Environmental Sciences</i> , 2011 , 23, 322-9	6.4	25
98	Boiler feed water deoxygenation using hollow fiber membrane contactor. <i>Desalination</i> , 2008 , 234, 370-373	7.3	24
97	Biodegradation of nonylphenol polyethoxylates under Fe(III)-reducing conditions. <i>Chemosphere</i> , 2007 , 69, 1047-54	8.4	24
96	Occurrence and fate of antibiotic residues and antibiotic resistance genes in a reservoir with ecological purification facilities for drinking water sources. <i>Science of the Total Environment</i> , 2020 , 707, 135276	10.2	24
95	Developing an integrated 3D-hydrodynamic and emerging contaminant model for assessing water quality in a Yangtze Estuary Reservoir. <i>Chemosphere</i> , 2017 , 188, 218-230	8.4	22
94	Use of an integrated metabolomics platform for mechanistic investigations of three commonly used algacides on cyanobacterium, <i>Microcystis aeruginosa</i> . <i>Journal of Hazardous Materials</i> , 2019 , 367, 120-127	12.8	22
93	Antibiotic resistome associated with microbial communities in an integrated wastewater reclamation system. <i>Water Research</i> , 2020 , 173, 115541	12.5	21
92	Biochar enhanced high-solid mesophilic anaerobic digestion of food waste: Cell viability and methanogenic pathways. <i>Chemosphere</i> , 2021 , 272, 129863	8.4	21
91	A fullerene colloidal suspension stimulates the growth and denitrification ability of wastewater treatment sludge-derived bacteria. <i>Chemosphere</i> , 2014 , 108, 411-7	8.4	20
90	Electron transfer mediation by aqueous C ₆₀ aggregates in H ₂ O ₂ /UV advanced oxidation of indigo carmine. <i>Nanoscale</i> , 2014 , 6, 13579-85	7.7	20
89	Effects of sulfate on microcystin production, photosynthesis, and oxidative stress in <i>Microcystis aeruginosa</i> . <i>Environmental Science and Pollution Research</i> , 2016 , 23, 3586-95	5.1	19

88	DOM as an indicator of occurrence and risks of antibiotics in a city-river-reservoir system with multiple pollution sources. <i>Science of the Total Environment</i> , 2019 , 686, 276-289	10.2	18
87	Comprehensive insights into the occurrence, distribution, risk assessment and indicator screening of antibiotics in a large drinking reservoir system. <i>Science of the Total Environment</i> , 2020 , 716, 137060	10.2	18
86	Biotransformation of Sulfluramid (N-ethyl perfluorooctane sulfonamide) and dynamics of associated rhizospheric microbial community in microcosms of wetland plants. <i>Chemosphere</i> , 2018 , 211, 379-389	8.4	18
85	Occurrence, Seasonal Variation and Risk Assessment of Antibiotics in Qingcaosha Reservoir. <i>Water (Switzerland)</i> , 2018 , 10, 115	3	18
84	Unraveling the molecular mechanism of photosynthetic toxicity of highly fluorescent silver nanoclusters to <i>Scenedesmus obliquus</i> . <i>Scientific Reports</i> , 2017 , 7, 16432	4.9	17
83	Changes in degrading ability, populations and metabolism of microbes in activated sludge in the treatment of phenol wastewater. <i>RSC Advances</i> , 2017 , 7, 52841-52851	3.7	17
82	Uptake and effect of highly fluorescent silver nanoclusters on <i>Scenedesmus obliquus</i> . <i>Chemosphere</i> , 2016 , 153, 322-31	8.4	17
81	Size-dependent adsorption of antibiotics onto nanoparticles in a field-scale wastewater treatment plant. <i>Environmental Pollution</i> , 2019 , 248, 1079-1087	9.3	16
80	Biodegradation of nonylphenol polyethoxylates under sulfate-reducing conditions. <i>Science of the Total Environment</i> , 2008 , 399, 121-7	10.2	16
79	Enhancement of methanogenic performance by gasification biochar on anaerobic digestion. <i>Bioresource Technology</i> , 2021 , 330, 124993	11	16
78	Simultaneous removal of humic acid and heavy metal from aqueous solutions using charged ultrafiltration membranes. <i>Separation Science and Technology</i> , 2017 , 52, 1913-1919	2.5	15
77	Characterizing spatiotemporal variations of chromophoric dissolved organic matter in headwater catchment of a key drinking water source in China. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 27799-27812	5.1	15
76	Biotransformation of polyfluoroalkyl substances by microbial consortia from constructed wetlands under aerobic and anoxic conditions. <i>Chemosphere</i> , 2019 , 233, 101-109	8.4	15
75	Antioxidant responses in cyanobacterium <i>Microcystis aeruginosa</i> caused by two commonly used UV filters, benzophenone-1 and benzophenone-3, at environmentally relevant concentrations. <i>Journal of Hazardous Materials</i> , 2020 , 396, 122587	12.8	15
74	Evaluating the Joint Toxicity of Two Benzophenone-Type UV Filters on the Green Alga <i>Chlamydomonas reinhardtii</i> with Response Surface Methodology. <i>Toxics</i> , 2018 , 6,	4.7	15
73	Aerobic and anaerobic biodegradation of nonylphenol ethoxylates in estuary sediment of Yangtze River, China. <i>Environmental Geology</i> , 2009 , 57, 1-8		15
72	Key factors driving the fate of antibiotic resistance genes and controlling strategies during aerobic composting of animal manure: A review. <i>Science of the Total Environment</i> , 2021 , 791, 148372	10.2	15
71	Enhanced catalytic degradation of amoxicillin with TiO ₂ -FeO composites a submerged magnetic separation membrane photocatalytic reactor (SMSMPR).. <i>RSC Advances</i> , 2019 , 9, 12538-12546	3.7	14

70	Fabrication of superhydrophobic PDTS-ZnO-PVDF membrane and its anti-wetting analysis in direct contact membrane distillation (DCMD) applications. <i>Journal of Membrane Science</i> , 2021 , 620, 118924	9.6	14
69	Metabolites change of <i>Scenedesmus obliquus</i> exerted by AgNPs. <i>Journal of Environmental Sciences</i> , 2019 , 76, 310-318	6.4	13
68	Biodegradation of nonylphenol ethoxylates by <i>Bacillus</i> sp. LY capable of heterotrophic nitrification. <i>FEMS Microbiology Letters</i> , 2008 , 280, 28-33	2.9	13
67	Simultaneous Nitrification and Denitrification in a Membrane Bioreactor and Isolation of Heterotrophic Nitrifying Bacteria. <i>Japanese Journal of Water Treatment Biology</i> , 2004 , 40, 105-114	0.2	13
66	Unveiling dynamics of size-dependent antibiotic resistome associated with microbial communities in full-scale wastewater treatment plants. <i>Water Research</i> , 2020 , 187, 116450	12.5	13
65	Developing an antibacterial super-hydrophilic barrier between bacteria and membranes to mitigate the severe impacts of biofouling. <i>Biofouling</i> , 2016 , 32, 1089-1102	3.3	12
64	Employing multi-omics to elucidate the hormetic response against oxidative stress exerted by nC on <i>Daphnia pulex</i> . <i>Environmental Pollution</i> , 2019 , 251, 22-29	9.3	11
63	Quantification of cylindrospermopsin, anatoxin-a and homoanatoxin-a in cyanobacterial bloom freshwater using direct injection/SPE coupled with UPLC-MS/MS. <i>Science of the Total Environment</i> , 2020 , 731, 139014	10.2	11
62	Mixing strategies - Activated carbon nexus: Rapid start-up of thermophilic anaerobic digestion with the mesophilic anaerobic sludge as inoculum. <i>Bioresource Technology</i> , 2020 , 310, 123401	11	11
61	Removal of <i>Microcystis aeruginosa</i> using nano-Fe ₃ O ₄ particles as a coagulant aid. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 18731-40	5.1	10
60	Simultaneous Recovery of Nickel and Cobalt from Aqueous Solutions using Complexation-Ultrafiltration Process. <i>Separation Science and Technology</i> , 2013 , 48, 2735-2740	2.5	10
59	Changes of antibiotic resistance genes and bacterial communities in the advanced biological wastewater treatment system under low selective pressure of tetracycline. <i>Water Research</i> , 2021 , 207, 117834	12.5	10
58	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. <i>Environmental Sciences: Processes and Impacts</i> , 2018 , 20, 1030-1045	4.3	10
57	<i>Microcystis aeruginosa</i> removal by peroxides of hydrogen peroxide, peroxymonosulfate and peroxydisulfate without additional activators. <i>Water Research</i> , 2021 , 201, 117263	12.5	10
56	Photocatalytic degradation of polybrominated diphenyl ethers in pure water system. <i>Frontiers of Environmental Science and Engineering</i> , 2016 , 10, 229-235	5.8	9
55	Removing polybrominated diphenyl ethers in pure water using Fe/Pd bimetallic nanoparticles. <i>Frontiers of Environmental Science and Engineering</i> , 2015 , 9, 832-839	5.8	9
54	Effects of aqueous stable fullerene nanocrystals (nC60) on the food conversion from <i>Daphnia magna</i> to <i>Danio rerio</i> in a simplified freshwater food chain. <i>Chemosphere</i> , 2016 , 145, 157-62	8.4	9
53	Novel cyanotoxin-producing <i>Synechococcus</i> in tropical lakes. <i>Water Research</i> , 2021 , 192, 116828	12.5	9

52	Food waste treating by biochar-assisted high-solid anaerobic digestion coupled with steam gasification: Enhanced bioenergy generation and porous biochar production. <i>Bioresource Technology</i> , 2021 , 331, 125051	11	9
51	Occurrence and distribution of viruses and picoplankton in tropical freshwater bodies determined by flow cytometry. <i>Water Research</i> , 2019 , 149, 342-350	12.5	9
50	The Characteristics and Dynamics of Cyanobacteria-Heterotrophic Bacteria Between Two Estuarine Reservoirs - Tropical Versus Sub-Tropical Regions. <i>Frontiers in Microbiology</i> , 2018 , 9, 2531	5.7	9
49	Isolation and Characterization of the First Freshwater Cyanophage Infecting. <i>Journal of Virology</i> , 2020 , 94,	6.6	8
48	Simultaneous Removal of Phenol and Ammonium Using <i>Serratia</i> sp. LJ-1 Capable of Heterotrophic Nitrification-Aerobic Denitrification. <i>Water, Air, and Soil Pollution</i> , 2014 , 225, 1	2.6	8
47	Impact of sulfate and chloride on sediment phosphorus release in the Yangtze Estuary Reservoir, China. <i>Water Science and Technology</i> , 2013 , 67, 1748-56	2.2	8
46	A sensitive and accurate method for simultaneous analysis of algal toxins in freshwater using UPLC-MS/MS and N-microcystins as isotopically labelled internal standards. <i>Science of the Total Environment</i> , 2020 , 738, 139727	10.2	7
45	Fouling-free ultrafiltration for humic acid removal.. <i>RSC Advances</i> , 2018 , 8, 24961-24969	3.7	7
44	Deciphering of antibiotic resistance genes (ARGs) and potential abiotic indicators for the emergence of ARGs in an interconnected lake-river-reservoir system. <i>Journal of Hazardous Materials</i> , 2021 , 410, 124552	12.8	7
43	Potential of coagulation to remove particle-associated and free-living antibiotic resistome from wastewater. <i>Journal of Hazardous Materials</i> , 2021 , 406, 124295	12.8	7
42	Inherent porous structure modified by titanium dioxide nanoparticle incorporation and effect on the fouling behavior of hybrid poly(vinylidene fluoride) membranes. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	6
41	Emergency membrane contactor based absorption system for ammonia leaks in water treatment plants. <i>Journal of Environmental Sciences</i> , 2008 , 20, 1189-94	6.4	6
40	Effect of ionic liquid on the structure and desalination performance of PVDF-PTFE electrospun membrane. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 48467	2.9	6
39	Multi-phase distribution, spatiotemporal variation and risk assessment of antibiotics in a typical urban-rural watershed. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 206, 111156	7	6
38	Efficient degradation of Bisphenol A by dielectric barrier discharge non-thermal plasma: Performance, degradation pathways and mechanistic consideration. <i>Chemosphere</i> , 2022 , 286, 131627	8.4	6
37	Size-dependent adsorption of waterborne Benzophenone-3 on microplastics and its desorption under simulated gastrointestinal conditions. <i>Chemosphere</i> , 2022 , 286, 131735	8.4	6
36	The Effects of Antibiotics on Microbial Community Composition in an Estuary Reservoir during Spring and Summer Seasons. <i>Water (Switzerland)</i> , 2018 , 10, 154	3	5
35	Microplastics in equatorial coasts: Pollution hotspots and spatiotemporal variations associated with tropical monsoons. <i>Journal of Hazardous Materials</i> , 2021 , 424, 127626	12.8	5

34	Variations of Bacterial Community Composition and Functions in an Estuary Reservoir during Spring and Summer Alternation. <i>Toxins</i> , 2018 , 10,	4.9	5
33	Employing a novel O/HO + BiPO/UV synergy technique to deal with thiourea-containing photovoltaic wastewater.. <i>RSC Advances</i> , 2018 , 9, 450-459	3.7	4
32	Fenton oxidation of 2,4- and 2,6-dinitrotoluene and acetone inhibition. <i>Frontiers of Environmental Science and Engineering in China</i> , 2008 , 2, 326-332		4
31	A comprehensive modelling approach to understanding the fate, transport and potential risks of emerging contaminants in a tropical reservoir. <i>Water Research</i> , 2021 , 200, 117298	12.5	4
30	Fabrication of 3D hierarchical porous amidoxime-polyacrylonitrile spheres via nanoscale thermally induced phase separation with superhigh antimonate adsorption capacity. <i>Journal of Cleaner Production</i> , 2021 , 310, 127400	10.3	4
29	Heavy metals in a typical city-river-reservoir system of East China: Multi-phase distribution, microbial response and ecological risk.. <i>Journal of Environmental Sciences</i> , 2022 , 112, 343-354	6.4	4
28	Source, fate, transport and modelling of selected emerging contaminants in the aquatic environment: Current status and future perspectives.. <i>Water Research</i> , 2022 , 217, 118418	12.5	4
27	Novel Freshwater Cyanophages Provide New Insights into Evolutionary Relationships between Freshwater and Marine Cyanophages. <i>Microbiology Spectrum</i> , 2021 , 9, e0059321	8.9	3
26	To centralize or to decentralize? A systematic framework for optimizing rural wastewater treatment planning. <i>Journal of Environmental Management</i> , 2021 , 300, 113673	7.9	3
25	Effect of surfactants on the removal and acute toxicity of aqueous nC60 aggregates in water treatment process. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 9676-85	5.1	2
24	Simultaneous removal of aniline and antimony (Sb(V)) from textile wastewater using amidoxime-PAN/PLA nanofiber microsphere supported TiO ₂ . <i>Separation and Purification Technology</i> , 2022 , 286, 120435	8.3	2
23	Picophytoplankton identification by flow cytometry and high-throughput sequencing in a clean reservoir. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 216, 112216	7	2
22	Bioelectrochemical Enhancement of Methanogenic Metabolism in Anaerobic Digestion of Food Waste Under Salt Stress Conditions. <i>ACS Sustainable Chemistry and Engineering</i> ,	8.3	2
21	Co-degradation of ofloxacin and its impact on solid phase denitrification with polycaprolactone as carbon source.. <i>Bioresource Technology</i> , 2022 , 126938	11	2
20	Mesophilic and thermophilic anaerobic digestion of animal manure: Integrated insights from biogas productivity, microbial viability and enzymatic activity. <i>Fuel</i> , 2022 , 320, 123990	7.1	2
19	Behavior of aqueous stable colloidal nano-C60 aggregates exposed to TX100 micelles under different environmental conditions. <i>Frontiers of Environmental Science and Engineering</i> , 2015 , 9, 197-205	5.8	1
18	The role of a hybrid phytosystem in landscape water purification and herbicides removal. <i>Water Science and Technology</i> , 2015 , 72, 2052-61	2.2	1
17	Genomic Characterization of a Novel Freshwater Cyanophage Reveals a New Lineage of Cyanopodovirus.. <i>Frontiers in Microbiology</i> , 2021 , 12, 768868	5.7	1

16	Insights into the role of dual reaction sites for single Ni atom Fenton-like catalyst towards degradation of various organic contaminants.. <i>Journal of Hazardous Materials</i> , 2022 , 430, 128463	12.8	1
15	What is the cost-effective pattern for rural wastewater treatment?. <i>Journal of Environmental Management</i> , 2021 , 303, 114226	7.9	1
14	Global calibration model of UV-Vis spectroscopy for COD estimation in the effluent of rural sewage treatment facilities.. <i>RSC Advances</i> , 2020 , 10, 20691-20700	3.7	1
13	Long-term land use/cover changes reduce soil erosion in an ionic rare-earth mineral area of southern China. <i>Land Degradation and Development</i> , 2021 , 32, 4042-4055	4.4	1
12	MicroNano Magnetite-Loaded Biochar Enhances Interspecies Electron Transfer and Viability of Functional Microorganisms in Anaerobic Digestion. <i>ACS Sustainable Chemistry and Engineering</i> , 2022 , 10, 2811-2821	8.3	1
11	Effect of aniline and antimony on anaerobic-anoxic-oxic system with novel amidoxime-modified polyacrylonitrile adsorbent for wastewater treatment.. <i>Bioresource Technology</i> , 2022 , 127082	11	1
10	Advancing prediction of emerging contaminants in a tropical reservoir with general water quality indicators based on a hybrid process and data-driven approach. <i>Journal of Hazardous Materials</i> , 2022 , 430, 128492	12.8	1
9	New insight on Fe-bioavailability: Bio-uptake, utilization and induce in optimizing methane production in anaerobic digestion. <i>Chemical Engineering Journal</i> , 2022 , 441, 136099	14.7	1
8	Multi-class secondary metabolites in cyanobacterial blooms from a tropical water body: Distribution patterns and real-time prediction.. <i>Water Research</i> , 2022 , 212, 118129	12.5	0
7	Restricted fiber contraction during amidoximation process for reinforced-concrete structured nanofiber sphere with superior Sb(V) adsorption capacity. <i>Journal of Hazardous Materials</i> , 2021 , 426, 127835	12.8	0
6	A new modelling framework for assessing the relative burden of antimicrobial resistance in aquatic environments. <i>Journal of Hazardous Materials</i> , 2021 , 424, 127621	12.8	0
5	Impacts of Microcystis on the Dissemination of the Antibiotic Resistome in Cyanobacterial Blooms. <i>ACS ES&T Water</i> , 2021 , 1, 1263-1273		0
4	Comprehensive insights into the occurrence, source, distribution and risk assessment of polycyclic aromatic hydrocarbons in a large drinking reservoir system. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
3	Population-based variations of a core resistome revealed by urban sewage metagenome surveillance.. <i>Environment International</i> , 2022 , 163, 107185	12.9	0
2	Phycocyanin-rich Synechococcus dominates the blooms in a tropical estuary lake.. <i>Journal of Environmental Management</i> , 2022 , 311, 114889	7.9	0
1	Impacts of size-fractionation on toxicity of marine microplastics: Enhanced integrated biomarker assessment in the tropical mussels, <i>Perna viridis</i> .. <i>Science of the Total Environment</i> , 2022 , 155459	10.2	0