

# Min Yang

## List of Publications by Citations

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**Version:** 2024-04-20

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151  
papers

4,252  
citations

33  
h-index

59  
g-index

153  
ext. papers

5,225  
ext. citations

7.8  
avg, IF

5.82  
L-index

#	Paper	IF	Citations
151	Taihu Lake not to blame for Wuxi's woes. <i>Science</i> , <b>2008</b> , 319, 158	33.3	263
150	Determination and fate of oxytetracycline and related compounds in oxytetracycline production wastewater and the receiving river. <i>Environmental Toxicology and Chemistry</i> , <b>2008</b> , 27, 80-6	3.8	208
149	Antibiotic resistance characteristics of environmental bacteria from an oxytetracycline production wastewater treatment plant and the receiving river. <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 3444-51	4.8	201
148	Abundance and distribution of tetracycline resistance genes and mobile elements in an oxytetracycline production wastewater treatment system. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 7551-7	10.3	172
147	Detection and occurrence of chlorinated byproducts of bisphenol a, nonylphenol, and estrogens in drinking water of china: comparison to the parent compounds. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 10841-50	10.3	148
146	Antibiotic-resistance profile in environmental bacteria isolated from penicillin production wastewater treatment plant and the receiving river. <i>Environmental Microbiology</i> , <b>2009</b> , 11, 1506-17	5.2	129
145	Changes of resistome, mobilome and potential hosts of antibiotic resistance genes during the transformation of anaerobic digestion from mesophilic to thermophilic. <i>Water Research</i> , <b>2016</b> , 98, 261-9	12.5	128
144	Study on transformation of natural organic matter in source water during chlorination and its chlorinated products using ultrahigh resolution mass spectrometry. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 4396-402	10.3	118
143	Characterization of low molecular weight dissolved natural organic matter along the treatment trail of a waterworks using Fourier transform ion cyclotron resonance mass spectrometry. <i>Water Research</i> , <b>2012</b> , 46, 5197-204	12.5	104
142	Bacterial community characteristics under long-term antibiotic selection pressures. <i>Water Research</i> , <b>2011</b> , 45, 6063-73	12.5	102
141	Microbial community compositional analysis for series reactors treating high level antibiotic wastewater. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 795-801	10.3	98
140	Rapid establishment of thermophilic anaerobic microbial community during the one-step startup of thermophilic anaerobic digestion from a mesophilic digester. <i>Water Research</i> , <b>2015</b> , 69, 9-19	12.5	89
139	Occurrence and exposure assessment of bisphenol analogues in source water and drinking water in China. <i>Science of the Total Environment</i> , <b>2019</b> , 655, 607-613	10.2	87
138	Microbial community functional structure in response to antibiotics in pharmaceutical wastewater treatment systems. <i>Water Research</i> , <b>2013</b> , 47, 6298-308	12.5	82
137	A green protocol for efficient discovery of novel natural compounds: characterization of new ginsenosides from the stems and leaves of Panax ginseng as a case study. <i>Analytica Chimica Acta</i> , <b>2015</b> , 893, 65-76	6.6	81
136	Characterization of unknown brominated disinfection byproducts during chlorination using ultrahigh resolution mass spectrometry. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 3112-9	10.3	70
135	MIB-producing cyanobacteria ( <i>Planktothrix</i> sp.) in a drinking water reservoir: distribution and odor producing potential. <i>Water Research</i> , <b>2015</b> , 68, 444-53	12.5	68

134	Cyanobacterial population and harmful metabolites dynamics during a bloom in Yanghe Reservoir, North China. <i>Harmful Algae</i> , <b>2010</b> , 9, 481-488	5.3	64
133	An in-source multiple collision-neutral loss filtering based nontargeted metabolomics approach for the comprehensive analysis of malonyl-ginsenosides from <i>Panax ginseng</i> , <i>P. quinquefolius</i> , and <i>P. notoginseng</i> . <i>Analytica Chimica Acta</i> , <b>2017</b> , 952, 59-70	6.6	63
132	Anaerobic treatment of antibiotic production wastewater pretreated with enhanced hydrolysis: Simultaneous reduction of COD and ARGs. <i>Water Research</i> , <b>2017</b> , 110, 211-217	12.5	62
131	Peroxymonosulfate improved photocatalytic degradation of atrazine by activated carbon/graphitic carbon nitride composite under visible light irradiation. <i>Chemosphere</i> , <b>2019</b> , 217, 833-842	8.4	57
130	Earthy odor compounds production and loss in three cyanobacterial cultures. <i>Water Research</i> , <b>2012</b> , 46, 5165-73	12.5	56
129	An intelligentized strategy for endogenous small molecules characterization and quality evaluation of earthworm from two geographic origins by ultra-high performance HILIC/QTOF MS(E) and Progenesis Q1. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 3881-90	4.4	56
128	Abundance and distribution of Macrolide-Lincosamide-Streptogramin resistance genes in an anaerobic-aerobic system treating spiramycin production wastewater. <i>Water Research</i> , <b>2014</b> , 63, 33-41	12.5	52
127	An enhanced targeted identification strategy for the selective identification of flavonoid O-glycosides from <i>Carthamus tinctorius</i> by integrating offline two-dimensional liquid chromatography/linear ion-trap-Orbitrap mass spectrometry, high-resolution diagnostic product ion analysis, and data-dependent ion-trap fragmentation. <i>Journal of Chromatography A</i> , <b>2015</b> , 1402, 71-81	4.5	51
126	Simultaneous quantitation of five <i>Panax notoginseng</i> saponins by multi heart-cutting magnetic two-dimensional liquid chromatography: Method development and application to the quality control of eight <i>Notoginseng</i> containing Chinese patent medicines. <i>Journal of Chromatography A</i> , <b>2015</b> , 1402, 71-81	4.5	48
125	Sludge bulking impact on relevant bacterial populations in a full-scale municipal wastewater treatment plant. <i>Process Biochemistry</i> , <b>2014</b> , 49, 2258-2265	4.8	46
124	High Concentrations of the Antibiotic Spiramycin in Wastewater Lead to High Abundance of Ammonia-Oxidizing Archaea in Nitrifying Populations. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 9124-32	10.3	43
123	HPLC/qTOF-MS-oriented characteristic components data set and chemometric analysis for the holistic quality control of complex TCM preparations: Niu Huang Shangqing pill as an example. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 89, 130-41	3.5	39
122	Simultaneous removal of multiple odorants from source water suffering from septic and musty odors: Verification in a full-scale water treatment plant with ozonation. <i>Water Research</i> , <b>2016</b> , 100, 1-6	12.5	39
121	Antibiotic resistomes in drinking water sources across a large geographical scale: Multiple drivers and co-occurrence with opportunistic bacterial pathogens. <i>Water Research</i> , <b>2020</b> , 183, 116088	12.5	37
120	New Insights into Trihalomethane and Haloacetic Acid Formation Potentials: Correlation with the Molecular Composition of Natural Organic Matter in Source Water. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 2015-2021	10.3	36
119	Ultrasonic washing for oily sludge treatment in pilot scale. <i>Ultrasonics</i> , <b>2018</b> , 90, 1-4	3.5	34
118	Occurrence of odor problems in drinking water of major cities across China. <i>Frontiers of Environmental Science and Engineering</i> , <b>2014</b> , 8, 411-416	5.8	33
117	Comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry for the screening of potent swampy/septic odor-causing compounds in two drinking water sources in China. <i>Analytical Methods</i> , <b>2015</b> , 7, 2458-2468	3.2	32

116	Assessing the impact of source water on tap water bacterial communities in 46 drinking water supply systems in China. <i>Water Research</i> , <b>2020</b> , 172, 115469	12.5	32
115	Performance and microbial community composition in a long-term sequential anaerobic-aerobic bioreactor operation treating coking wastewater. <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 8191-202	5.7	31
114	Occurrences and behaviors of naphthenic acids in a petroleum refinery wastewater treatment plant. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 5796-804	10.3	30
113	Chronic impacts of oxytetracycline on mesophilic anaerobic digestion of excess sludge: Inhibition of hydrolytic acidification and enrichment of antibiotic resistome. <i>Environmental Pollution</i> , <b>2018</b> , 238, 1017-1026	9.3	28
112	Detection, Occurrence, and Fate of Fluorotelomer Alcohols in Municipal Wastewater Treatment Plants. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 8953-8961	10.3	28
111	A strategy for fast screening and identification of sulfur derivatives in medicinal Pueraria species based on the fine isotopic pattern filtering method using ultra-high-resolution mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2015</b> , 894, 44-53	6.6	26
110	Minimum influent concentrations of oxytetracycline, streptomycin and spiramycin in selecting antibiotic resistance in biofilm type wastewater treatment systems. <i>Science of the Total Environment</i> , <b>2020</b> , 720, 137531	10.2	25
109	Control strategy for filamentous sludge bulking: Bench-scale test and full-scale application. <i>Chemosphere</i> , <b>2018</b> , 210, 709-716	8.4	25
108	Selective and comprehensive characterization of the quinochalcone C-glycoside homologs in <i>Carthamus tinctorius</i> L. by offline comprehensive two-dimensional liquid chromatography/LTQ-Orbitrap MS coupled with versatile data mining strategies. <i>RSC Advances</i> , <b>2016</b> , 6, 495-506	3.7	24
107	A fishy odor episode in a north China reservoir: occurrence, origin, and possible odor causing compounds. <i>Journal of Environmental Sciences</i> , <b>2013</b> , 25, 2361-6	6.4	24
106	Characterization of brominated disinfection byproducts formed during chloramination of fulvic acid in the presence of bromide. <i>Science of the Total Environment</i> , <b>2018</b> , 627, 118-124	10.2	23
105	Molecular characterization of effluent organic matter in secondary effluent and reclaimed water: Comparison to natural organic matter in source water. <i>Journal of Environmental Sciences</i> , <b>2018</b> , 63, 140-146	6.4	23
104	Factors influencing <i>Candidatus Microthrix parvicella</i> growth and specific filamentous bulking control: A review. <i>Chemosphere</i> , <b>2020</b> , 244, 125371	8.4	23
103	Characteristics of ARG-carrying plasmidome in the cultivable microbial community from wastewater treatment system under high oxytetracycline concentration. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 1847-1858	5.7	22
102	Removal of hard COD from biological effluent of coking wastewater using synchronized oxidation-adsorption technology: Performance, mechanism, and full-scale application. <i>Water Research</i> , <b>2020</b> , 173, 115517	12.5	22
101	New triterpenic acids from <i>Uncaria rhynchophylla</i> : chemistry, NO-inhibitory activity, and tandem mass spectrometric analysis. <i>Fitoterapia</i> , <b>2014</b> , 96, 39-47	3.2	21
100	Prediction of powdered activated carbon doses for 2-MIB removal in drinking water treatment using a simplified HSDM approach. <i>Chemosphere</i> , <b>2016</b> , 156, 374-382	8.4	21
99	Succession and interaction of surface and subsurface cyanobacterial blooms in oligotrophic/mesotrophic reservoirs: A case study in Miyun Reservoir. <i>Science of the Total Environment</i> , <b>2019</b> , 649, 1553-1562	10.2	21

98	Source-water odor during winter in the Yellow River area of China: Occurrence and diagnosis. <i>Environmental Pollution</i> , <b>2016</b> , 218, 252-258	9.3	20
97	Identification of complex septic odorants in Huangpu River source water by combining the data from gas chromatography-olfactometry and comprehensive two-dimensional gas chromatography using retention indices. <i>Science of the Total Environment</i> , <b>2016</b> , 556, 36-44	10.2	20
96	Factors affecting the growth of <i>Microthrix parvicella</i> : Batch tests using bulking sludge as seed sludge. <i>Science of the Total Environment</i> , <b>2017</b> , 609, 1192-1199	10.2	20
95	Fenton's process for simultaneous removal of TOC and Fe <sup>2+</sup> from acidic waste liquor. <i>Desalination</i> , <b>2004</b> , 160, 123-130	10.3	20
94	Impact of oxytetracycline on anaerobic wastewater treatment and mitigation using enhanced hydrolysis pretreatment. <i>Water Research</i> , <b>2020</b> , 187, 116408	12.5	20
93	Projecting competition between 2-methylisoborneol and natural organic matter in adsorption onto activated carbon from ozonated source waters. <i>Water Research</i> , <b>2020</b> , 173, 115574	12.5	19
92	Effect of ultrasound on oil recovery from crude oil containing sludge. <i>Environmental Technology (United Kingdom)</i> , <b>2019</b> , 40, 1401-1407	2.6	19
91	Contribution of phthalates and phthalate monoesters from drinking water to daily intakes for the general population. <i>Chemosphere</i> , <b>2019</b> , 229, 125-131	8.4	18
90	Response of activated sludge to the treatment of oxytetracycline production waste stream. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 8805-12	5.7	18
89	Reducing production of taste and odor by deep-living cyanobacteria in drinking water reservoirs by regulation of water level. <i>Science of the Total Environment</i> , <b>2017</b> , 574, 1477-1483	10.2	18
88	Colon-derived uremic biomarkers induced by the acute toxicity of Kansui radix: A metabolomics study of rat plasma and intestinal contents by UPLC-QTOF-MS(E). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1026, 193-203	3.2	17
87	Occurrence of swampy/septic odor and possible odorants in source and finished drinking water of major cities across China. <i>Environmental Pollution</i> , <b>2019</b> , 249, 305-310	9.3	17
86	Identification of fishy odor causing compounds produced by <i>Ochromonas</i> sp. and <i>Cryptomonas</i> ovate with gas chromatography-olfactometry and comprehensive two-dimensional gas chromatography. <i>Science of the Total Environment</i> , <b>2019</b> , 671, 149-156	10.2	17
85	Simultaneous determination and assignment of 13 major flavonoids and glycyrrhizic acid in licorices by HPLC-DAD and Orbitrap mass spectrometry analyses. <i>Chinese Journal of Natural Medicines</i> , <b>2015</b> , 13, 232-40	2.8	17
84	Simultaneous quantification of fifty-one odor-causing compounds in drinking water using gas chromatography-triple quadrupole tandem mass spectrometry. <i>Journal of Environmental Sciences</i> , <b>2019</b> , 79, 100-110	6.4	16
83	Thermophilic anaerobic digestion reduces ARGs in excess sludge even under high oxytetracycline concentrations. <i>Chemosphere</i> , <b>2019</b> , 222, 305-313	8.4	16
82	Enhanced hydrolysis of streptomycin from production wastewater using CaO/MgO solid base catalysts. <i>Chemical Engineering Journal</i> , <b>2019</b> , 355, 586-593	14.7	16
81	An efficient and target-oriented sample enrichment method for preparative separation of minor alkaloids by pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , <b>2015</b> , 1409, 159-65	4.5	15

80	Characterization of unknown iodinated disinfection byproducts during chlorination/chloramination using ultrahigh resolution mass spectrometry. <i>Science of the Total Environment</i> , <b>2016</b> , 554-555, 83-8	10.2	15
79	Synergistic effect of musty odorants on septic odor: Verification in Huangpu River source water. <i>Science of the Total Environment</i> , <b>2019</b> , 653, 1186-1191	10.2	15
78	Production and fate of fishy odorants produced by two freshwater chrysophyte species under different temperature and light conditions. <i>Water Research</i> , <b>2019</b> , 157, 529-534	12.5	14
77	Evaluation of residual antibacterial potency in antibiotic production wastewater using a real-time quantitative method. <i>Environmental Sciences: Processes and Impacts</i> , <b>2015</b> , 17, 1923-9	4.3	14
76	Novel Transposon Tn Variants Accelerate the Dissemination of (E) in in an Aerobic Biofilm Reactor under Oxytetracycline Stresses. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 6781-6791	10.3	13
75	Quantitative method to determine the regional drinking water odorant regulation goals based on odor sensitivity distribution: illustrated using 2-MIB. <i>Journal of Environmental Sciences</i> , <b>2014</b> , 26, 1389-94	6.4	13
74	Preparation and adsorption mechanism of rare earth-doped adsorbent for arsenic(V) removal from groundwater. <i>Science in China Series B: Chemistry</i> , <b>2003</b> , 46, 252-258		13
73	Microbial community functional structure in an aerobic biofilm reactor: Impact of streptomycin and recovery. <i>Chemosphere</i> , <b>2020</b> , 255, 127032	8.4	12
72	Dynamics of class 1 integrons in aerobic biofilm reactors spiked with antibiotics. <i>Environment International</i> , <b>2020</b> , 140, 105816	12.9	12
71	Characteristics of microbial community functional structure of a biological coking wastewater treatment system. <i>Journal of Environmental Sciences</i> , <b>2018</b> , 63, 105-115	6.4	12
70	Treatment of 3,4,5-trimethoxybenzaldehyde and Di-bromo-aldehyde manufacturing wastewater by the coupled Fenton pretreatment and UASB reactor with emphasis on optimization and chemicals analysis. <i>Separation and Purification Technology</i> , <b>2015</b> , 142, 40-47	8.3	12
69	Abundance and distribution of antibiotic resistance genes in a full-scale anaerobic-aerobic system alternately treating ribostamycin, spiramycin and paromomycin production wastewater. <i>Environmental Geochemistry and Health</i> , <b>2017</b> , 39, 1595-1605	4.7	11
68	Emerging concerns of VOCs and SVOCs in coking wastewater treatment processes: Distribution profile, emission characteristics, and health risk assessment. <i>Environmental Pollution</i> , <b>2020</b> , 265, 114960	9.3	11
67	Culture-based study on the development of antibiotic resistance in a biological wastewater system treating stepwise increasing doses of streptomycin. <i>AMB Express</i> , <b>2018</b> , 8, 12	4.1	11
66	Discriminatory components retracing strategy for monitoring the preparation procedure of Chinese patent medicines by fingerprint and chemometric analysis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121366	3.7	11
65	Effectively remediating spiramycin from production wastewater through hydrolyzing its functional groups using solid superacid TiO <sub>2</sub> /SO <sub>4</sub> . <i>Environmental Research</i> , <b>2019</b> , 175, 393-401	7.9	10
64	The role of in situ Fenton coagulation on the removal of benzoic acid. <i>Chemosphere</i> , <b>2020</b> , 238, 124632	8.4	10
63	A systematic study on the odorants characterization and evaluation in a plain reservoir with wetlands ecosystem. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 393, 122404	12.8	9

62	Assessing the hidden social risk caused by odor in drinking water through population behavioral responses using economic burden. <i>Water Research</i> , <b>2020</b> , 172, 115507	12.5	9
61	Profiling and identification of metabolites of isorhynchophylline in rats by ultra high performance liquid chromatography and linear ion trap Orbitrap mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1033-1034, 147-156	3.2	9
60	Neutral Loss Ion Mapping Experiment Combined with Precursor Mass List and Dynamic Exclusion for Screening Unstable Malonyl Glucoside Conjugates. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2016</b> , 27, 99-107	3.5	9
59	Highly efficient Suzuki cross-coupling reaction within an open channel plastic microreactor immobilized with palladium complexes. <i>Microfluidics and Nanofluidics</i> , <b>2012</b> , 12, 981-989	2.8	9
58	Pilot Performance of Chemical Demulsifier on the Demulsification of Produced Water from Polymer/Surfactant Flooding in the Xinjiang Oilfield. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 1874	3	9
57	Occurrence, fates, and carcinogenic risks of substituted polycyclic aromatic hydrocarbons in two coking wastewater treatment systems. <i>Science of the Total Environment</i> , <b>2021</b> , 789, 147808	10.2	9
56	Cleavage of the main carbon chain backbone of high molecular weight polyacrylamide by aerobic and anaerobic biological treatment. <i>Chemosphere</i> , <b>2017</b> , 189, 277-283	8.4	8
55	Degradation of SDBS in water solutions using plasma in gas-liquid interface discharge: Performance, byproduct formation and toxicity evaluation. <i>Chemosphere</i> , <b>2019</b> , 234, 471-477	8.4	8
54	Degradation of kanamycin from production wastewater with high-concentration organic matrices by hydrothermal treatment. <i>Journal of Environmental Sciences</i> , <b>2020</b> , 97, 11-18	6.4	8
53	Phage-host associations in a full-scale activated sludge plant during sludge bulking. <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 6495-6504	5.7	8
52	Elucidation of the fragmentation pathways of a complex 3,7-O-glycosyl flavonol by CID, HCD, and PQD on an LTQ-Orbitrap Velos Pro hybrid mass spectrometer. <i>Chinese Journal of Natural Medicines</i> , <b>2015</b> , 13, 867-872	2.8	8
51	Feasibility assessment of up-flow anaerobic sludge blanket treatment of sulfamethoxazole pharmaceutical wastewater. <i>Frontiers of Environmental Science and Engineering</i> , <b>2018</b> , 12, 1	5.8	8
50	Recovery of biological wastewater treatment system inhibited by oxytetracycline: Rebound of functional bacterial population and the impact of adsorbed oxytetracycline on antibiotic resistance. <i>Chemical Engineering Journal</i> , <b>2021</b> , 418, 129364	14.7	8
49	Comparative Analysis of Ultrafine Granular Powder and Decoction Pieces of <i>Salvia miltiorrhiza</i> by UPLC-UV-MSn Combined with Statistical Analysis. <i>Planta Medica</i> , <b>2017</b> , 83, 557-564	3.1	7
48	ARGA, a pipeline for primer evaluation on antibiotic resistance genes. <i>Environment International</i> , <b>2019</b> , 128, 137-145	12.9	7
47	Impacts of produced water origin on bacterial community structures of activated sludge. <i>Journal of Environmental Sciences</i> , <b>2015</b> , 37, 192-9	6.4	7
46	Enhanced hydrolysis of fermentative antibiotics in production wastewater: Hydrolysis potential prediction and engineering application. <i>Chemical Engineering Journal</i> , <b>2020</b> , 391, 123626	14.7	7
45	A Strategy Combining Higher Energy C-Trap Dissociation with Neutral Loss- and Product Ion-Based MS Acquisition for Global Profiling and Structure Annotation of Fatty Acids Conjugates. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2017</b> , 28, 443-451	3.5	6

44	Electro-Fenton oxidation of coking wastewater: optimization using the combination of central composite design and convex optimization method. <i>Environmental Technology (United Kingdom)</i> , <b>2017</b> , 38, 2456-2464	2.6	6
43	Rapid profiling of polymeric phenolic acids in <i>Salvia miltiorrhiza</i> by hybrid data-dependent/targeted multistage mass spectrometry acquisition based on expected compounds prediction and fragment ion searching. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 1888-1895	3.4	6
42	Importance of underwater light field in selecting phytoplankton morphology in a eutrophic reservoir. <i>Hydrobiologia</i> , <b>2014</b> , 724, 203-216	2.4	6
41	The profiling of the metabolites of hirsutine in rat by ultra-high performance liquid chromatography coupled with linear ion trap Orbitrap mass spectrometry: An improved strategy for the systematic screening and identification of metabolites in multi-samples in vivo. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 146-157	3.5	6
40	Pharmacokinetic Studies of Ganoderic Acids from the Lingzhi or Reishi Medicinal Mushroom, <i>Ganoderma lucidum</i> (Agaricomycetes), by LC-MS/MS. <i>International Journal of Medicinal Mushrooms</i> , <b>2016</b> , 18, 405-12	1.3	6
39	Modelling the fate and transport of <i>Cryptosporidium</i> , a zoonotic and waterborne pathogen, in the Daning River watershed of the Three Gorges Reservoir Region, China. <i>Journal of Environmental Management</i> , <b>2019</b> , 232, 462-474	7.9	6
38	Characterization and discrimination of steroidal saponins in <i>Tribulus terrestris</i> L. and its three different aerial parts by chemical profiling with chemometrics analysis. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 4212-4221	3.4	6
37	Disinfection by-product (DBP) research in China: Are we on the track?. <i>Journal of Environmental Sciences</i> , <b>2021</b> , 110, 99-110	6.4	6
36	Rapid thermal-acid hydrolysis of spiramycin by silicotungstic acid under microwave irradiation. <i>Environmental Pollution</i> , <b>2019</b> , 249, 36-44	9.3	5
35	Genetic characterization and potential molecular dissemination mechanism of tet(31) gene in <i>Aeromonas caviae</i> from an oxytetracycline wastewater treatment system. <i>Journal of Environmental Sciences</i> , <b>2019</b> , 76, 259-266	6.4	5
34	Degradation of 4-Chlorophenol by Means of Fenton Oxidation Processes: Mechanism and Kinetics. <i>Water, Air, and Soil Pollution</i> , <b>2017</b> , 228, 1	2.6	5
33	Characterization of hydrolyzed Fe(III) species produced in Fenton's reaction. <i>Environmental Technology (United Kingdom)</i> , <b>2009</b> , 30, 1585-91	2.6	5
32	Pyrazines: A diverse class of earthy-musty odorants impacting drinking water quality and consumer satisfaction. <i>Water Research</i> , <b>2020</b> , 182, 115971	12.5	4
31	Synthetic lepidocrocite for phosphorous removal from reclaimed water: optimization using convex optimization method and successive adsorption in fixed bed column. <i>Environmental Technology (United Kingdom)</i> , <b>2016</b> , 37, 2750-9	2.6	4
30	Pretreatment of spiramycin fermentation residue using hyperthermophilic digestion: quick startup and performance. <i>Water Science and Technology</i> , <b>2018</b> , 78, 1823-1832	2.2	4
29	Monitoring, isolation and characterization of <i>Microthrix parvicella</i> strains from a Chinese wastewater treatment plant. <i>Water Science and Technology</i> , <b>2019</b> , 79, 1406-1416	2.2	3
28	Enhanced anaerobic performance and SMD process in treatment of sulfate and organic S-rich TMBA manufacturing wastewater by micro-electric field-zero valent iron-UASB. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 379, 120695	12.8	3
27	Quick Response to 2-MIB Episodes Based on Native Population Odor Sensitivity Evaluation. <i>Clean - Soil, Air, Water</i> , <b>2014</b> , 42, 1179-1184	1.6	3

26	Data Analytics Determines Co-occurrence of Odorants in Raw Water and Evaluates Drinking Water Treatment Removal Strategies. <i>Environmental Science &amp; Technology</i> , <b>2021</b> ,	10.3	3
25	Hydrothermal pretreatment of oxytetracycline fermentation residue: Removal of oxytetracycline and increasing the potential for anaerobic digestion. <i>Environmental Engineering Research</i> , <b>2021</b> , 26, 200238-0	3.6	3
24	Identification of MIB producers and odor risk assessment using routine data: A case study of an estuary drinking water reservoir. <i>Water Research</i> , <b>2021</b> , 192, 116848	12.5	3
23	Profiles and risk assessment of legacy and current use pesticides in urban rivers in Beijing, China. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 39423-39431	5.1	3
22	High-Throughput Single-Cell Technology Reveals the Contribution of Horizontal Gene Transfer to Typical Antibiotic Resistance Gene Dissemination in Wastewater Treatment Plants. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 11824-11834	10.3	3
21	Characteristics of refractory organics in industrial wastewater treated using a Fenton-coagulation process. <i>Environmental Technology (United Kingdom)</i> , <b>2021</b> , 42, 3432-3440	2.6	2
20	Assessing the effect of treated erythromycin fermentation residue on antibiotic resistome in soybean planting soil: In situ field study. <i>Science of the Total Environment</i> , <b>2021</b> , 779, 146329	10.2	2
19	Extended Fenton's process: toward improving biodegradability of drilling wastewater. <i>Water Science and Technology</i> , <b>2019</b> , 79, 1790-1797	2.2	2
18	Suspect and target screening of emerging pesticides and their transformation products in an urban river using LC-QTOF-MS. <i>Science of the Total Environment</i> , <b>2021</b> , 790, 147978	10.2	2
17	Changes of flooding reagents properties under simulated high temperature/pressure conditions in oil reservoirs and their impact on emulsion stability.. <i>RSC Advances</i> , <b>2019</b> , 9, 16044-16048	3.7	1
16	Screening of chemicals with binding activities of liver X receptors from reclaimed waters. <i>Science of the Total Environment</i> , <b>2020</b> , 713, 136570	10.2	1
15	Performance and Yeast Tracking in A Full-Scale Oil-Containing Paromomycin Production Wastewater Treatment System Using Yeast. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 295	3	1
14	Improved Chromatographic Fingerprinting Combined with Multi-components Quantitative Analysis for Quality Evaluation of <i>Penthorum chinense</i> by UHPLC-DAD. <i>Natural Product Communications</i> , <b>2015</b> , 10, 1934578X1501000	0.9	1
13	Oil/Water Interfacial Destabilization of Floated Oily Sludge Based on the Catalytic Decomposition of H <sub>2</sub> O <sub>2</sub> Induced by Interfacial-Active Complexes. <i>ACS ES&amp;T Engineering</i> , <b>2021</b> , 1, 55-65		1
12	Potential dissemination mechanism of the tetC gene in <i>Aeromonas media</i> from the aerobic biofilm reactor under oxytetracycline stresses. <i>Journal of Environmental Sciences</i> , <b>2021</b> , 105, 90-99	6.4	1
11	Ecological niche and in-situ control of MIB producers in source water. <i>Journal of Environmental Sciences</i> , <b>2021</b> , 110, 119-128	6.4	1
10	Characterization of non-volatile organic contaminants in coking wastewater using non-target screening: Dominance of nitrogen, sulfur, and oxygen-containing compounds in biological effluents.. <i>Science of the Total Environment</i> , <b>2022</b> , 837, 155768	10.2	1
9	Driving forces for the growth of MIB-producing <i>Planktothricoides raciborskii</i> in a low-latitude reservoir. <i>Water Research</i> , <b>2022</b> , 118670	12.5	1

8	Three-Year Consecutive Field Application of Erythromycin Fermentation Residue Following Hydrothermal Treatment: Cumulative Effect on Soil Antibiotic Resistance Genes. <i>Engineering</i> , <b>2022</b> ,	9.7	1
7	Byproducts of aqueous chlorination of equol and their estrogenic potencies. <i>Chemosphere</i> , <b>2018</b> , 212, 393-399	8.4	0
6	Identification of visible colored dissolved organic matter in biological and tertiary municipal effluents using multiple approaches including PARAFAC analysis. <i>Journal of Environmental Sciences</i> , <b>2022</b> , 122, 174-174	6.4	0
5	Co-occurrence of odor-causing dioxanes and dioxolanes with bis(2-chloro-1-methylethyl) ether in Huangpu River source water and fates in O-BAC process.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 430, 128435	12.8	0
4	Removal of denatured protein particles enhanced UASB treatment of oxytetracycline production wastewater. <i>Science of the Total Environment</i> , <b>2021</b> , 816, 151549	10.2	0
3	Long-term trends of fluorotelomer alcohols in a wastewater treatment plant impacted by textile manufacturing industry.. <i>Chemosphere</i> , <b>2022</b> , 134442	8.4	0
2	Functional recognition of structure-diverse odor molecules in drinking water based on QSOR study. <i>Chemosphere</i> , <b>2018</b> , 211, 371-378	8.4	
1	Removal efficacy of opportunistic pathogen gene markers in drinking water supply systems: an in situ and large-scale molecular investigation. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 54153-54160	5.1	