

Min Yang

List of Publications by Year in descending order

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153
papers

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times ranked

5942
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Taihu Lake Not to Blame for Wuxi's Woes. <i>Science</i> , 2008, 319, 158-158. | 6.0 | 308 |
| 2 | Antibiotic Resistance Characteristics of Environmental Bacteria from an Oxytetracycline Production Wastewater Treatment Plant and the Receiving River. <i>Applied and Environmental Microbiology</i> , 2010, 76, 3444-3451. | 1.4 | 257 |
| 3 | Determination and fate of oxytetracycline and related compounds in oxytetracycline production wastewater and the receiving river. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 80-86. | 2.2 | 249 |
| 4 | Abundance and Distribution of Tetracycline Resistance Genes and Mobile Elements in an Oxytetracycline Production Wastewater Treatment System. <i>Environmental Science & Technology</i> , 2012, 46, 7551-7557. | 4.6 | 201 |
| 5 | 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> , 2016, 98, 261-269. | 5.3 | 184 |
| 6 | 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 & Technology</i> , 2013, 47, 10841-10850. | 4.6 | 178 |
| 7 | Study on Transformation of Natural Organic Matter in Source Water during Chlorination and Its Chlorinated Products using Ultrahigh Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2012, 46, 4396-4402. | 4.6 | 158 |
| 8 | 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> , 2012, 46, 5197-5204. | 5.3 | 156 |
| 9 | Antibiotic resistance profile in environmental bacteria isolated from penicillin production wastewater treatment plant and the receiving river. <i>Environmental Microbiology</i> , 2009, 11, 1506-1517. | 1.8 | 154 |
| 10 | Occurrence and exposure assessment of bisphenol analogues in source water and drinking water in China. <i>Science of the Total Environment</i> , 2019, 655, 607-613. | 3.9 | 149 |
| 11 | Microbial Community Compositional Analysis for Series Reactors Treating High Level Antibiotic Wastewater. <i>Environmental Science & Technology</i> , 2012, 46, 795-801. | 4.6 | 117 |
| 12 | Bacterial community characteristics under long-term antibiotic selection pressures. <i>Water Research</i> , 2011, 45, 6063-6073. | 5.3 | 116 |
| 13 | Rapid establishment of thermophilic anaerobic microbial community during the one-step startup of thermophilic anaerobic digestion from a mesophilic digester. <i>Water Research</i> , 2015, 69, 9-19. | 5.3 | 116 |
| 14 | A green protocol for efficient discovery of novel natural compounds: Characterization of new ginsenosides from the stems and leaves of <i>Panax ginseng</i> as a case study. <i>Analytica Chimica Acta</i> , 2015, 893, 65-76. | 2.6 | 107 |
| 15 | Peroxydisulfate improved photocatalytic degradation of atrazine by activated carbon/graphitic carbon nitride composite under visible light irradiation. <i>Chemosphere</i> , 2019, 217, 833-842. | 4.2 | 107 |
| 16 | Microbial community functional structure in response to antibiotics in pharmaceutical wastewater treatment systems. <i>Water Research</i> , 2013, 47, 6298-6308. | 5.3 | 103 |
| 17 | Anaerobic treatment of antibiotic production wastewater pretreated with enhanced hydrolysis: Simultaneous reduction of COD and ARGs. <i>Water Research</i> , 2017, 110, 211-217. | 5.3 | 99 |
| 18 | MIB-producing cyanobacteria (<i>Planktothrix</i> sp.) in a drinking water reservoir: Distribution and odor producing potential. <i>Water Research</i> , 2015, 68, 444-453. | 5.3 | 96 |

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|----|---|-----|-----------|
| 19 | Characterization of Unknown Brominated Disinfection Byproducts during Chlorination Using Ultrahigh Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2014, 48, 3112-3119. | 4.6 | 93 |
| 20 | 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. Aquinquefolius</i> , and <i>P. Notoginseng</i> . <i>Analytica Chimica Acta</i> , 2017, 952, 59-70. | 2.6 | 87 |
| 21 | An intelligentized strategy for endogenous small molecules characterization and quality evaluation of earthworm from two geographic origins by ultra-high performance HILIC/QTOF MSE and Progenesis Q1. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3881-3890. | 1.9 | 81 |
| 22 | Antibiotic resistomes in drinking water sources across a large geographical scale: Multiple drivers and co-occurrence with opportunistic bacterial pathogens. <i>Water Research</i> , 2020, 183, 116088. | 5.3 | 80 |
| 23 | Cyanobacterial population and harmful metabolites dynamics during a bloom in Yanghe Reservoir, North China. <i>Harmful Algae</i> , 2010, 9, 481-488. | 2.2 | 79 |
| 24 | Assessing the impact of source water on tap water bacterial communities in 46 drinking water supply systems in China. <i>Water Research</i> , 2020, 172, 115469. | 5.3 | 74 |
| 25 | 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 ions/neutral loss filtering and liquid chromatography-solid phase extraction-nuclear magnetic resonance. <i>Journal of Chromatography A</i> , 2017, 1491, 87-97. | 1.8 | 70 |
| 26 | Earthy odor compounds production and loss in three cyanobacterial cultures. <i>Water Research</i> , 2012, 46, 5165-5173. | 5.3 | 68 |
| 27 | New Insights into Trihalomethane and Haloacetic Acid Formation Potentials: Correlation with the Molecular Composition of Natural Organic Matter in Source Water. <i>Environmental Science & Technology</i> , 2017, 51, 2015-2021. | 4.6 | 66 |
| 28 | Abundance and distribution of Macrolide-Lincosamide-Streptogramin resistance genes in an anaerobic-aerobic system treating spiramycin production wastewater. <i>Water Research</i> , 2014, 63, 33-41. | 5.3 | 63 |
| 29 | Sludge bulking impact on relevant bacterial populations in a full-scale municipal wastewater treatment plant. <i>Process Biochemistry</i> , 2014, 49, 2258-2265. | 1.8 | 63 |
| 30 | Simultaneous quantitation of five <i>Panax notoginseng</i> saponins by multi heart-cutting 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> , 2015, 1402, 71-81. | 1.8 | 58 |
| 31 | High Concentrations of the Antibiotic Spiramycin in Wastewater Lead to High Abundance of Ammonia-Oxidizing Archaea in Nitrifying Populations. <i>Environmental Science & Technology</i> , 2015, 49, 9124-9132. | 4.6 | 57 |
| 32 | 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> , 2016, 100, 1-6. | 5.3 | 56 |
| 33 | Ultrasonic washing for oily sludge treatment in pilot scale. <i>Ultrasonics</i> , 2018, 90, 1-4. | 2.1 | 54 |
| 34 | 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> , 2020, 173, 115517. | 5.3 | 51 |
| 35 | Detection, Occurrence, and Fate of Fluorotelomer Alcohols in Municipal Wastewater Treatment Plants. <i>Environmental Science & Technology</i> , 2017, 51, 8953-8961. | 4.6 | 50 |
| 36 | Occurrence of odor problems in drinking water of major cities across China. <i>Frontiers of Environmental Science and Engineering</i> , 2014, 8, 411-416. | 3.3 | 48 |

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|----|---|-----|-----------|
| 37 | Occurrences and Behaviors of Naphthenic Acids in a Petroleum Refinery Wastewater Treatment Plant. <i>Environmental Science & Technology</i> , 2015, 49, 5796-5804. | 4.6 | 46 |
| 38 | 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> , 2014, 89, 130-141. | 1.4 | 43 |
| 39 | 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> , 2015, 7, 2458-2468. | 1.3 | 41 |
| 40 | Performance and microbial community composition in a long-term sequential anaerobic-aerobic bioreactor operation treating coking wastewater. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8191-8202. | 1.7 | 41 |
| 41 | Chronic impacts of oxytetracycline on mesophilic anaerobic digestion of excess sludge: Inhibition of hydrolytic acidification and enrichment of antibiotic resistance. <i>Environmental Pollution</i> , 2018, 238, 1017-1026. | 3.7 | 41 |
| 42 | Characteristics of ARG-carrying plasmidome in the cultivable microbial community from wastewater treatment system under high oxytetracycline concentration. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1847-1858. | 1.7 | 41 |
| 43 | 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> , 2020, 720, 137531. | 3.9 | 40 |
| 44 | A fishy odor episode in a north China reservoir: Occurrence, origin, and possible odor causing compounds. <i>Journal of Environmental Sciences</i> , 2013, 25, 2361-2366. | 3.2 | 39 |
| 45 | Characterization of brominated disinfection byproducts formed during chloramination of fulvic acid in the presence of bromide. <i>Science of the Total Environment</i> , 2018, 627, 118-124. | 3.9 | 39 |
| 46 | Factors influencing <i>Candidatus Microthrix parvicella</i> growth and specific filamentous bulking control: A review. <i>Chemosphere</i> , 2020, 244, 125371. | 4.2 | 39 |
| 47 | Impact of oxytetracycline on anaerobic wastewater treatment and mitigation using enhanced hydrolysis pretreatment. <i>Water Research</i> , 2020, 187, 116408. | 5.3 | 39 |
| 48 | Control strategy for filamentous sludge bulking: Bench-scale test and full-scale application. <i>Chemosphere</i> , 2018, 210, 709-716. | 4.2 | 37 |
| 49 | Occurrence of swampy/septic odor and possible odorants in source and finished drinking water of major cities across China. <i>Environmental Pollution</i> , 2019, 249, 305-310. | 3.7 | 36 |
| 50 | 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> , 2018, 63, 140-146. | 3.2 | 35 |
| 51 | Contribution of phthalates and phthalate monoesters from drinking water to daily intakes for the general population. <i>Chemosphere</i> , 2019, 229, 125-131. | 4.2 | 35 |
| 52 | 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> , 2019, 649, 1553-1562. | 3.9 | 34 |
| 53 | Projecting competition between 2-methylisoborneol and natural organic matter in adsorption onto activated carbon from ozonated source waters. <i>Water Research</i> , 2020, 173, 115574. | 5.3 | 34 |
| 54 | Occurrence, fates, and carcinogenic risks of substituted polycyclic aromatic hydrocarbons in two coking wastewater treatment systems. <i>Science of the Total Environment</i> , 2021, 789, 147808. | 3.9 | 34 |

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|----|--|-----|-----------|
| 55 | Enhanced hydrolysis of streptomycin from production wastewater using CaO/MgO solid base catalysts. <i>Chemical Engineering Journal</i> , 2019, 355, 586-593. | 6.6 | 33 |
| 56 | 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 & Technology</i> , 2021, 55, 11824-11834. | 4.6 | 33 |
| 57 | Source-water odor during winter in the Yellow River area of China: Occurrence and diagnosis. <i>Environmental Pollution</i> , 2016, 218, 252-258. | 3.7 | 32 |
| 58 | 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> , 2016, 556, 36-44. | 3.9 | 32 |
| 59 | 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> , 2016, 6, 495-506. | 1.7 | 30 |
| 60 | 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> , 2019, 79, 100-110. | 3.2 | 30 |
| 61 | Identification of fishy odor causing compounds produced by <i>Ochromonas</i> sp. and <i>Cryptomonas ovate</i> with gas chromatography-olfactometry and comprehensive two-dimensional gas chromatography. <i>Science of the Total Environment</i> , 2019, 671, 149-156. | 3.9 | 30 |
| 62 | Effect of ultrasound on oil recovery from crude oil containing sludge. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 1401-1407. | 1.2 | 30 |
| 63 | Novel Transposon Tn <i>6433</i> Variants Accelerate the Dissemination of <i>tet</i> (E) in <i>Aeromonas</i> in an Aerobic Biofilm Reactor under Oxytetracycline Stresses. <i>Environmental Science & Technology</i> , 2020, 54, 6781-6791. | 4.6 | 30 |
| 64 | A strategy for fast screening and identification of sulfur derivatives in medicinal <i>Pueraria</i> species based on the fine isotopic pattern filtering method using ultra-high-resolution mass spectrometry. <i>Analytica Chimica Acta</i> , 2015, 894, 44-53. | 2.6 | 29 |
| 65 | Synergistic effect of musty odorants on septic odor: Verification in Huangpu River source water. <i>Science of the Total Environment</i> , 2019, 653, 1186-1191. | 3.9 | 29 |
| 66 | Thermophilic anaerobic digestion reduces ARGs in excess sludge even under high oxytetracycline concentrations. <i>Chemosphere</i> , 2019, 222, 305-313. | 4.2 | 28 |
| 67 | Emerging concerns of VOCs and SVOCs in coking wastewater treatment processes: Distribution profile, emission characteristics, and health risk assessment. <i>Environmental Pollution</i> , 2020, 265, 114960. | 3.7 | 28 |
| 68 | Disinfection by-product (DBP) research in China: Are we on the track?. <i>Journal of Environmental Sciences</i> , 2021, 110, 99-110. | 3.2 | 28 |
| 69 | Prediction of powdered activated carbon doses for 2-MIB removal in drinking water treatment using a simplified HSDM approach. <i>Chemosphere</i> , 2016, 156, 374-382. | 4.2 | 27 |
| 70 | 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> , 2017, 574, 1477-1483. | 3.9 | 27 |
| 71 | Factors affecting the growth of <i>Microthrix parvicella</i> : Batch tests using bulking sludge as seed sludge. <i>Science of the Total Environment</i> , 2017, 609, 1192-1199. | 3.9 | 26 |
| 72 | New triterpenic acids from <i>Uncaria rhynchophylla</i> : Chemistry, NO-inhibitory activity, and tandem mass spectrometric analysis. <i>FÄ-toterapÄ-tÄt</i> , 2014, 96, 39-47. | 1.1 | 25 |

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|----|---|-----|-----------|
| 73 | Production and fate of fishy odorants produced by two freshwater chrysophyte species under different temperature and light conditions. <i>Water Research</i> , 2019, 157, 529-534. | 5.3 | 25 |
| 74 | Enhanced hydrolysis of fermentative antibiotics in production wastewater: Hydrolysis potential prediction and engineering application. <i>Chemical Engineering Journal</i> , 2020, 391, 123626. | 6.6 | 25 |
| 75 | Microbial community functional structure in an aerobic biofilm reactor: Impact of streptomycin and recovery. <i>Chemosphere</i> , 2020, 255, 127032. | 4.2 | 24 |
| 76 | Degradation of kanamycin from production wastewater with high-concentration organic matrices by hydrothermal treatment. <i>Journal of Environmental Sciences</i> , 2020, 97, 11-18. | 3.2 | 24 |
| 77 | The role of in situ Fenton coagulation on the removal of benzoic acid. <i>Chemosphere</i> , 2020, 238, 124632. | 4.2 | 23 |
| 78 | Response of activated sludge to the treatment of oxytetracycline production waste stream. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 8805-8812. | 1.7 | 21 |
| 79 | 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> , 2015, 13, 232-240. | 0.7 | 21 |
| 80 | Characteristics of microbial community functional structure of a biological coking wastewater treatment system. <i>Journal of Environmental Sciences</i> , 2018, 63, 105-115. | 3.2 | 21 |
| 81 | Dynamics of class 1 integrons in aerobic biofilm reactors spiked with antibiotics. <i>Environment International</i> , 2020, 140, 105816. | 4.8 | 21 |
| 82 | Fenton's process for simultaneous removal of TOC and Fe ²⁺ from acidic waste liquor. <i>Desalination</i> , 2004, 160, 123-130. | 4.0 | 20 |
| 83 | Characterization of unknown iodinated disinfection byproducts during chlorination/chloramination using ultrahigh resolution mass spectrometry. <i>Science of the Total Environment</i> , 2016, 554-555, 83-88. | 3.9 | 20 |
| 84 | Phage-host associations in a full-scale activated sludge plant during sludge bulking. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 6495-6504. | 1.7 | 20 |
| 85 | Colon-derived uremic biomarkers induced by the acute toxicity of <i>Kansui radix</i> : 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> , 2016, 1026, 193-203. | 1.2 | 19 |
| 86 | Culture-based study on the development of antibiotic resistance in a biological wastewater system treating stepwise increasing doses of streptomycin. <i>AMB Express</i> , 2018, 8, 12. | 1.4 | 19 |
| 87 | Data Analytics Determines Co-occurrence of Odorants in Raw Water and Evaluates Drinking Water Treatment Removal Strategies. <i>Environmental Science & Technology</i> , 2021, 55, 16770-16782. | 4.6 | 19 |
| 88 | 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> , 2015, 1409, 159-165. | 1.8 | 18 |
| 89 | Evaluation of residual antibacterial potency in antibiotic production wastewater using a real-time quantitative method. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 1923-1929. | 1.7 | 18 |
| 90 | 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> , 2017, 39, 1595-1605. | 1.8 | 18 |

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|-----|--|-----|-----------|
| 91 | Effectively remediating spiramycin from production wastewater through hydrolyzing its functional groups using solid superacid TiO ₂ /SO ₄ . <i>Environmental Research</i> , 2019, 175, 393-401. | 3.7 | 18 |
| 92 | 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> , 2021, 418, 129364. | 6.6 | 18 |
| 93 | 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> , 2021, 790, 147978. | 3.9 | 18 |
| 94 | Discriminatory Components Retracing Strategy for Monitoring the Preparation Procedure of Chinese Patent Medicines by Fingerprint and Chemometric Analysis. <i>PLoS ONE</i> , 2015, 10, e0121366. | 1.1 | 15 |
| 95 | 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> , 2015, 142, 40-47. | 3.9 | 15 |
| 96 | Assessing the hidden social risk caused by odor in drinking water through population behavioral responses using economic burden. <i>Water Research</i> , 2020, 172, 115507. | 5.3 | 15 |
| 97 | 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> , 2014, 26, 1389-1394. | 3.2 | 14 |
| 98 | Degradation of SDBS in water solutions using plasma in gas-liquid interface discharge: Performance, byproduct formation and toxicity evaluation. <i>Chemosphere</i> , 2019, 234, 471-477. | 4.2 | 14 |
| 99 | ARGA, a pipeline for primer evaluation on antibiotic resistance genes. <i>Environment International</i> , 2019, 128, 137-145. | 4.8 | 14 |
| 100 | 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> , 2019, 232, 462-474. | 3.8 | 14 |
| 101 | Preparation and adsorption mechanism of rare earth-doped adsorbent for arsenic(V) removal from groundwater. <i>Science in China Series B: Chemistry</i> , 2003, 46, 252-258. | 0.8 | 13 |
| 102 | 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> , 2016, 27, 99-107. | 1.2 | 13 |
| 103 | Cleavage of the main carbon chain backbone of high molecular weight polyacrylamide by aerobic and anaerobic biological treatment. <i>Chemosphere</i> , 2017, 189, 277-283. | 4.2 | 13 |
| 104 | Pyrazines: A diverse class of earthy-musty odorants impacting drinking water quality and consumer satisfaction. <i>Water Research</i> , 2020, 182, 115971. | 5.3 | 13 |
| 105 | Initial Formation and Accumulation of Manganese Deposits in Drinking Water Pipes: Investigating the Role of Microbial-Mediated Processes. <i>Environmental Science & Technology</i> , 2022, 56, 5497-5507. | 4.6 | 13 |
| 106 | Pilot Performance of Chemical Demulsifier on the Demulsification of Produced Water from Polymer/Surfactant Flooding in the Xinjiang Oilfield. <i>Water (Switzerland)</i> , 2018, 10, 1874. | 1.2 | 12 |
| 107 | Feasibility assessment of up-flow anaerobic sludge blanket treatment of sulfamethoxazole pharmaceutical wastewater. <i>Frontiers of Environmental Science and Engineering</i> , 2018, 12, 1. | 3.3 | 12 |
| 108 | A systematic study on the odorants characterization and evaluation in a plain reservoir with wetlands ecosystem. <i>Journal of Hazardous Materials</i> , 2020, 393, 122404. | 6.5 | 12 |

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|-----|--|-----|-----------|
| 109 | Three-Year Consecutive Field Application of Erythromycin Fermentation Residue Following Hydrothermal Treatment: Cumulative Effect on Soil Antibiotic Resistance Genes. <i>Engineering</i> , 2022, 15, 78-88. | 3.2 | 12 |
| 110 | Importance of underwater light field in selecting phytoplankton morphology in a eutrophic reservoir. <i>Hydrobiologia</i> , 2014, 724, 203-216. | 1.0 | 11 |
| 111 | Identification of MIB producers and odor risk assessment using routine data: A case study of an estuary drinking water reservoir. <i>Water Research</i> , 2021, 192, 116848. | 5.3 | 11 |
| 112 | Highly efficient Suzuki cross-coupling reaction within an open channel plastic microreactor immobilized with palladium complexes. <i>Microfluidics and Nanofluidics</i> , 2012, 12, 981-989. | 1.0 | 10 |
| 113 | Impacts of produced water origin on bacterial community structures of activated sludge. <i>Journal of Environmental Sciences</i> , 2015, 37, 192-199. | 3.2 | 10 |
| 114 | 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> , 2016, 1033-1034, 147-156. | 1.2 | 10 |
| 115 | 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 Pharmaceutical and Biomedical Analysis</i> , 2017, 134, 149-157. | 1.4 | 10 |
| 116 | Rapid profiling of polymeric phenolic acids in <i>Salvia miltiorrhiza</i> by hybrid data-independent/targeted multistage mass spectrometry acquisition based on expected compounds prediction and fragment ion searching. <i>Journal of Separation Science</i> , 2018, 41, 1888-1895. | 1.3 | 10 |
| 117 | Rapid thermal-acid hydrolysis of spiramycin by silicotungstic acid under microwave irradiation. <i>Environmental Pollution</i> , 2019, 249, 36-44. | 3.7 | 10 |
| 118 | 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> , 2021, 779, 146329. | 3.9 | 10 |
| 119 | Ecological niche and in-situ control of MIB producers in source water. <i>Journal of Environmental Sciences</i> , 2021, 110, 119-128. | 3.2 | 10 |
| 120 | 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> , 2017, 83, 557-564. | 0.7 | 9 |
| 121 | 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> , 2018, 41, 4212-4221. | 1.3 | 9 |
| 122 | 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> , 2021, 105, 90-99. | 3.2 | 9 |
| 123 | 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> , 2022, 837, 155768. | 3.9 | 9 |
| 124 | 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> , 2015, 13, 867-872. | 0.7 | 8 |
| 125 | A Strategy Combining Higher Energy C-Trap Dissociation with Neutral Loss- and Product Ion-Based MSn Acquisition for Global Profiling and Structure Annotation of Fatty Acids Conjugates. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 443-451. | 1.2 | 8 |
| 126 | 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> , 2019, 76, 259-266. | 3.2 | 8 |

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|-----|--|-----|-----------|
| 127 | 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> , 2019, 379, 120695. | 6.5 | 8 |
| 128 | Co-occurrence of odor-causing dioxanes and dioxolanes with bis(2-chloro-1-methylethyl) ether in Huangpu River source water and fates in O3-BAC process. <i>Journal of Hazardous Materials</i> , 2022, 430, 128435. | 6.5 | 8 |
| 129 | Characterization of hydrolyzed Fe(III) species produced in Fenton— TM s reaction. <i>Environmental Technology (United Kingdom)</i> , 2009, 30, 1585-1591. | 1.2 | 7 |
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