

Mengyan Li

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

1,088
citations

18
h-index

32
g-index

37
ext. papers

1,376
ext. citations

7.8
avg, IF

4.6
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 35 | Immobilization of lead and cadmium from aqueous solution and contaminated sediment using nano-hydroxyapatite. <i>Environmental Pollution</i> , 2010 , 158, 514-9 | 9.3 | 178 |
| 34 | Enhancement of Cd(II) adsorption by polyacrylic acid modified magnetic mesoporous carbon. <i>Chemical Engineering Journal</i> , 2015 , 259, 153-160 | 14.7 | 142 |
| 33 | Pyrosequencing reveals higher impact of silver nanoparticles than Ag ⁺ on the microbial community structure of activated sludge. <i>Water Research</i> , 2014 , 48, 317-25 | 12.5 | 135 |
| 32 | Isolation of Polyvalent Bacteriophages by Sequential Multiple-Host Approaches. <i>Applied and Environmental Microbiology</i> , 2016 , 82, 808-15 | 4.8 | 69 |
| 31 | 1,4-Dioxane biodegradation at low temperatures in Arctic groundwater samples. <i>Water Research</i> , 2010 , 44, 2894-900 | 12.5 | 58 |
| 30 | Widespread distribution of soluble di-iron monooxygenase (SDIMO) genes in Arctic groundwater impacted by 1,4-dioxane. <i>Environmental Science & Technology</i> , 2013 , 47, 9950-8 | 10.3 | 46 |
| 29 | The Abundance of Tetrahydrofuran/Dioxane Monooxygenase Genes (thmA/dxmA) and 1,4-Dioxane Degradation Activity Are Significantly Correlated at Various Impacted Aquifers. <i>Environmental Science and Technology Letters</i> , 2014 , 1, 122-127 | 11 | 42 |
| 28 | A Novel Propane Monooxygenase Initiating Degradation of 1,4-Dioxane by Mycobacterium dioxanotrophicus PH-06. <i>Environmental Science and Technology Letters</i> , 2018 , 5, 86-91 | 11 | 33 |
| 27 | Differential sensitivity of nitrifying bacteria to silver nanoparticles in activated sludge. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 2234-9 | 3.8 | 31 |
| 26 | 1,4-Dioxane-degrading consortia can be enriched from uncontaminated soils: prevalence of Mycobacterium and soluble di-iron monooxygenase genes. <i>Microbial Biotechnology</i> , 2018 , 11, 189-198 | 6.3 | 31 |
| 25 | Rapid Analysis of 1,4-Dioxane in Groundwater by Frozen Micro-Extraction with Gas Chromatography/Mass Spectrometry. <i>Ground Water Monitoring and Remediation</i> , 2011 , 31, 70-76 | 1.4 | 30 |
| 24 | An Environmental Science and Engineering Framework for Combating Antimicrobial Resistance. <i>Environmental Engineering Science</i> , 2018 , 35, 1005-1011 | 2 | 29 |
| 23 | Reductive Transformation of p-chloronitrobenzene in the upflow anaerobic sludge blanket reactor coupled with microbial electrolysis cell: performance and microbial community. <i>Bioresource Technology</i> , 2016 , 218, 1037-45 | 11 | 27 |
| 22 | Hindrance of 1,4-dioxane biodegradation in microcosms biostimulated with inducing or non-inducing auxiliary substrates. <i>Water Research</i> , 2017 , 112, 217-225 | 12.5 | 26 |
| 21 | Bench-scale biodegradation tests to assess natural attenuation potential of 1,4-dioxane at three sites in California. <i>Biodegradation</i> , 2015 , 26, 39-50 | 4.1 | 24 |
| 20 | Membrane-Disrupting Nanofibrous Peptide Hydrogels. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 4657-4670 | 5.5 | 23 |
| 19 | Synchronic Biotransformation of 1,4-Dioxane and 1,1-Dichloroethylene by a Gram-Negative Propanotroph Azoarcus sp. DD4. <i>Environmental Science and Technology Letters</i> , 2018 , 5, 526-532 | 11 | 21 |

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| 18 | Microplastics as hubs enriching antibiotic-resistant bacteria and pathogens in municipal activated sludge. <i>Journal of Hazardous Materials Letters</i> , 2021 , 2, 100014 | 3.3 | 19 |
| 17 | Whole-Genome Sequence of the 1,4-Dioxane-Degrading Bacterium PH-06. <i>Genome Announcements</i> , 2017 , 5, | | 16 |
| 16 | Detection and cell sorting of <i>Pseudonocardia</i> species by fluorescence in situ hybridization and flow cytometry using 16S rRNA-targeted oligonucleotide probes. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 3375-3386 | 5.7 | 14 |
| 15 | Distinct Catalytic Behaviors between Two 1,4-Dioxane-Degrading Monooxygenases: Kinetics, Inhibition, and Substrate Range. <i>Environmental Science & Technology</i> , 2020 , 54, 1898-1908 | 10.3 | 14 |
| 14 | Microbial community analysis in biologically active filters exhibiting efficient removal of emerging contaminants and impact of operational conditions. <i>Science of the Total Environment</i> , 2018 , 640-641, 1455-1464 | 10.2 | 13 |
| 13 | Simultaneous determination of four trace estrogens in feces, leachate, tap and groundwater using solid-liquid extraction/auto solid-phase extraction and high-performance liquid chromatography with fluorescence detection. <i>Journal of Separation Science</i> , 2015 , 38, 3494-501 | 3.4 | 11 |
| 12 | Effective removal of odor substances using intimately coupled photocatalysis and biodegradation system prepared with the silane coupling agent (SCA)-enhanced TiO coating method. <i>Water Research</i> , 2021 , 188, 116569 | 12.5 | 11 |
| 11 | Oxygen exposure effects on the dechlorinating activities of a trichloroethene-dechlorination microbial consortium. <i>Bioresource Technology</i> , 2017 , 240, 98-105 | 11 | 10 |
| 10 | Discovery of an Inducible Toluene Monooxygenase That Cooxidizes 1,4-Dioxane and 1,1-Dichloroethylene in Propanotrophic sp. Strain DD4. <i>Applied and Environmental Microbiology</i> , 2020 , 86, | 4.8 | 9 |
| 9 | Sequential anaerobic and aerobic bioaugmentation for commingled groundwater contamination of trichloroethene and 1,4-dioxane. <i>Science of the Total Environment</i> , 2021 , 774, 145118 | 10.2 | 7 |
| 8 | Efficient adsorptive removal of short-chain perfluoroalkyl acids using reed straw-derived biochar (RESCA). <i>Science of the Total Environment</i> , 2021 , 798, 149191 | 10.2 | 6 |
| 7 | Complete Genome Sequence of sp. Strain DD4, a Gram-Negative Propanotroph That Degrades 1,4-Dioxane and 1,1-Dichloroethylene. <i>Microbiology Resource Announcements</i> , 2019 , 8, | 1.3 | 4 |
| 6 | Comprehensive insights into core microbial assemblages in activated sludge exposed to textile-dyeing wastewater stress. <i>Science of the Total Environment</i> , 2021 , 791, 148145 | 10.2 | 3 |
| 5 | Cometabolic degradation of 1,4-dioxane by a tetrahydrofuran-growing <i>Arthrobacter</i> sp. WN18. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 217, 112206 | 7 | 2 |
| 4 | spp. Are Responsible for Nitrogen Fixation Fueled by As(III) Oxidation, a Novel Biogeochemical Process Identified in Mine Tailings.. <i>Environmental Science & Technology</i> , 2022 , | 10.3 | 1 |
| 3 | Composite biologically active filter (BAF) with zeolite, granular activated carbon, and suspended biological carrier for treating algae-laden raw water. <i>Journal of Water Process Engineering</i> , 2021 , 42, 102188 | 6.7 | 1 |
| 2 | Rapid quantitative analysis and suspect screening of per-and polyfluorinated alkyl substances (PFASs) in aqueous film-forming foams (AFFFs) and municipal wastewater samples by Nano-ESI-HRMS.. <i>Water Research</i> , 2022 , 219, 118542 | 12.5 | 1 |
| 1 | Spatiotemporal correlations between water quality and microbial community of typical inflow river into Taihu Lake, China.. <i>Environmental Science and Pollution Research</i> , 2022 , 1 | 5.1 | |

