

# Bing Li

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

3,190  
citations

331670  
21  
h-index

414414  
32  
g-index

34  
all docs

34  
docs citations

34  
times ranked

3395  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution of antibiotic resistance genes and their association with bacteria and viruses in decentralized sewage treatment facilities. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 35.	6.0	18
2	Insight into soilless revegetation of oligotrophic and heavy metal contaminated gold tailing pond by metagenomic analysis. <i>Journal of Hazardous Materials</i> , 2022, 435, 128881.	12.4	15
3	How heavy metal stress promotes dissemination of antibiotic resistance genes in the activated sludge process. <i>Journal of Hazardous Materials</i> , 2022, 437, 129279.	12.4	15
4	Soilless revegetation: An efficient means of improving physicochemical properties and reshaping microbial communities of high-salty gold mine tailings. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111246.	6.0	15
5	Endophyte <i>Pseudomonas putida</i> enhanced <i>Trifolium repens</i> L. growth and heavy metal uptake: A promising in-situ non-soil cover phytoremediation method of nonferrous metallic tailing. <i>Chemosphere</i> , 2021, 272, 129816.	8.2	31
6	Porphyrin-Modified NiS <sub>2</sub> Nanoparticles Anchored on Graphene for the Specific Determination of Cholesterol. <i>ACS Applied Nano Materials</i> , 2021, 4, 11960-11968.	5.0	23
7	Metagenomic and network analyses decipher profiles and co-occurrence patterns of antibiotic resistome and bacterial taxa in the reclaimed wastewater distribution system. <i>Journal of Hazardous Materials</i> , 2020, 400, 123170.	12.4	45
8	Screening and evaluation of heavy metals facilitating antibiotic resistance gene transfer in a sludge bacterial community. <i>Science of the Total Environment</i> , 2019, 695, 133862.	8.0	57
9	Hybrid input shaping control scheme for reducing vibration of robot based on multi-mode control. <i>Journal of Central South University</i> , 2019, 26, 1649-1660.	3.0	4
10	Dissecting horizontal and vertical gene transfer of antibiotic resistance plasmid in bacterial community using microfluidics. <i>Environment International</i> , 2019, 131, 105007.	10.0	102
11	Response of soil microbes after direct contact with pyraclostrobin in fluvo-aquic soil. <i>Environmental Pollution</i> , 2019, 255, 113164.	7.5	41
12	Removal of antibiotic resistance genes in four full-scale membrane bioreactors. <i>Science of the Total Environment</i> , 2019, 653, 112-119.	8.0	37
13	Conjugative potential of antibiotic resistance plasmids to activated sludge bacteria from wastewater treatment plants. <i>International Biodeterioration and Biodegradation</i> , 2019, 138, 33-40.	3.9	20
14	Teaching reform and practice in mechanical design via collaboration between academia and industry. <i>International Journal of Mechanical Engineering Education</i> , 2018, 46, 315-330.	1.0	3
15	Antibiotic resistome in landfill leachate from different cities of China deciphered by metagenomic analysis. <i>Water Research</i> , 2018, 134, 126-139.	11.3	138
16	Modified U-Tube for Ruling out Naked DNA Transfer during Conjugation and Application in Antibiotic Resistance Genes Transfer Research. <i>Water (Switzerland)</i> , 2018, 10, 1313.	2.7	0
17	Rapid detection of cocaine using aptamer-based biosensor on an evanescent wave fibre platform. <i>Royal Society Open Science</i> , 2018, 5, 180821.	2.4	18
18	Real-Time Study of Rapid Spread of Antibiotic Resistance Plasmid in Biofilm Using Microfluidics. <i>Environmental Science &amp; Technology</i> , 2018, 52, 11132-11141.	10.0	59

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19	Investigation on microbial community in remediation of lead-contaminated soil by <i>Trifolium repens</i> L.. <i>Ecotoxicology and Environmental Safety</i> , 2018, 165, 52-60.	6.0	59
20	Aptamer-based detection of melamine in milk using an evanescent wave fiber sensor. <i>Analytical Methods</i> , 2018, 10, 4871-4878.	2.7	17
21	Simple Urea Immersion Enhanced Removal of Tetracycline from Water by Polystyrene Microspheres. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1524.	2.6	3
22	Polycyclic Aromatic Hydrocarbons Adsorption onto Graphene: A DFT and AIMD Study. <i>Materials</i> , 2018, 11, 726.	2.9	41
23	A novel microfluidic system enables visualization and analysis of antibiotic resistance gene transfer to activated sludge bacteria in biofilm. <i>Science of the Total Environment</i> , 2018, 642, 582-590.	8.0	57
24	Magnetic microsphere to remove tetracycline from water: Adsorption, H <sub>2</sub> O <sub>2</sub> oxidation and regeneration. <i>Chemical Engineering Journal</i> , 2017, 330, 191-201.	12.7	65
25	Catalogue of antibiotic resistome and host-tracking in drinking water deciphered by a large scale survey. <i>Microbiome</i> , 2017, 5, 154.	11.1	215
26	Metagenomics of urban sewage identifies an extensively shared antibiotic resistome in China. <i>Microbiome</i> , 2017, 5, 84.	11.1	247
27	The importance of lag time extension in determining bacterial resistance to antibiotics. <i>Analyst</i> , The, 2016, 141, 3059-3067.	3.5	76
28	Research on actuator effort and energy consumption of a parallel manipulator based on input shaping combined with PD. , 2015, , .		0
29	Metagenomic and network analysis reveal wide distribution and co-occurrence of environmental antibiotic resistance genes. <i>ISME Journal</i> , 2015, 9, 2490-2502.	9.8	928
30	Single cell growth rate and morphological dynamics revealing an "opportunistic" persistence. <i>Analyst</i> , The, 2014, 139, 3305-3313.	3.5	24
31	Gradient Microfluidics Enables Rapid Bacterial Growth Inhibition Testing. <i>Analytical Chemistry</i> , 2014, 86, 3131-3137.	6.5	83
32	Fate of antibiotic resistance genes in sewage treatment plant revealed by metagenomic approach. <i>Water Research</i> , 2014, 62, 97-106.	11.3	418
33	Exploring Variation of Antibiotic Resistance Genes in Activated Sludge over a Four-Year Period through a Metagenomic Approach. <i>Environmental Science &amp; Technology</i> , 2013, 47, 10197-10205.	10.0	315
34	Effect of indenter shapes on inverse materials characterization based on the dual indenters method. <i>International Journal of Materials Research</i> , 2009, 100, 950-953.	0.3	1