

Zhen-Chao Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

915
citations

567144

15
h-index

752573

20
g-index

22
all docs

22
docs citations

22
times ranked

832
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput profiling of seasonal variations of antibiotic resistance gene transport in a peri-urban river. <i>Environment International</i> , 2018, 114, 87-94.	4.8	150
2	Antibiotic resistance genes in an urban river as impacted by bacterial community and physicochemical parameters. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23753-23762.	2.7	138
3	High-throughput profiling and analysis of antibiotic resistance genes in East Tiaoxi River, China. <i>Environmental Pollution</i> , 2017, 230, 648-654.	3.7	99
4	Prevalence and transmission of antibiotic resistance and microbiota between humans and water environments. <i>Environment International</i> , 2018, 121, 1155-1161.	4.8	92
5	The impact and mechanism of quaternary ammonium compounds on the transmission of antibiotic resistance genes. <i>Environmental Science and Pollution Research</i> , 2019, 26, 28352-28360.	2.7	65
6	Effect and mechanism of quorum sensing on horizontal transfer of multidrug plasmid RP4 in BAC biofilm. <i>Science of the Total Environment</i> , 2020, 698, 134236.	3.9	51
7	Biomarkers of antibiotic resistance genes during seasonal changes in wastewater treatment systems. <i>Environmental Pollution</i> , 2018, 234, 79-87.	3.7	49
8	Spread of antibiotic resistance genes and microbiota in airborne particulate matter, dust, and human airways in the urban hospital. <i>Environment International</i> , 2021, 153, 106501.	4.8	41
9	Mechanisms underlying the effect of chlorination and UV disinfection on VBNC state <i>Escherichia coli</i> isolated from hospital wastewater. <i>Journal of Hazardous Materials</i> , 2022, 423, 127228.	6.5	34
10	Behavior of antibiotic resistance genes in a wastewater treatment plant with different upgrading processes. <i>Science of the Total Environment</i> , 2021, 771, 144814.	3.9	33
11	Temporal variation and sharing of antibiotic resistance genes between water and wild fish gut in a peri-urban river. <i>Journal of Environmental Sciences</i> , 2021, 103, 12-19.	3.2	30
12	Metagenomic analysis of microbiota and antibiotic resistome in household activated carbon drinking water purifiers. <i>Environment International</i> , 2021, 148, 106394.	4.8	25
13	Antibiotic resistance genes and microcystins in a drinking water treatment plant. <i>Environmental Pollution</i> , 2020, 258, 113718.	3.7	24
14	Comprehensive Understanding of the Plasmid-Mediated Colistin Resistance Gene <i>mcr-1</i> in Aquatic Environments. <i>Environmental Science & Technology</i> , 2020, 54, 1603-1613.	4.6	20
15	Prevalence of multi-resistant plasmids in hospital inhalable particulate matter (PM) and its impact on horizontal gene transfer. <i>Environmental Pollution</i> , 2021, 270, 116296.	3.7	18
16	Landscape of genes in hospital wastewater breaking through the defense line of last-resort antibiotics. <i>Water Research</i> , 2022, 209, 117907.	5.3	13
17	Mechanism and potential risk of antibiotic resistant bacteria carrying last resort antibiotic resistance genes under electrochemical treatment. <i>Science of the Total Environment</i> , 2022, 821, 153367.	3.9	11
18	Dissemination of antibiotic resistance genes in swimming pools and implication for human skin. <i>Science of the Total Environment</i> , 2021, 794, 148693.	3.9	8

#	ARTICLE	IF	CITATIONS
19	Short-term inhalation exposure evaluations of airborne antibiotic resistance genes in environments. Journal of Environmental Sciences, 2022, 122, 62-71.	3.2	8
20	Characteristics of bacterial community and ARGs profile in engineered goldfish tanks with stresses of sulfanilamide and copper. Environmental Science and Pollution Research, 2021, 28, 38706-38717.	2.7	5
21	High-Throughput Profiling of the Antibiotic Resistance Gene Transmission in Aquaculture Systems. Environmental Engineering Science, 0, , .	0.8	1