Zhen-Chao Zhou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6962296/publications.pdf

Version: 2024-02-01

21	915	567144 15	752573 20
papers	citations	h-index	g-index

22	22	22	832
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanisms underlying the effect of chlorination and UV disinfection on VBNC state Escherichia coli isolated from hospital wastewater. Journal of Hazardous Materials, 2022, 423, 127228.	6.5	34
2	Landscape of genes in hospital wastewater breaking through the defense line of last-resort antibiotics. Water Research, 2022, 209, 117907.	5.3	13
3	Mechanism and potential risk of antibiotic resistant bacteria carrying last resort antibiotic resistance genes under electrochemical treatment. Science of the Total Environment, 2022, 821, 153367.	3.9	11
4	Short-term inhalation exposure evaluations of airborne antibiotic resistance genes in environments. Journal of Environmental Sciences, 2022, 122, 62-71.	3.2	8
5	Prevalence of multi-resistant plasmids in hospital inhalable particulate matter (PM) and its impact on horizontal gene transfer. Environmental Pollution, 2021, 270, 116296.	3.7	18
6	Temporal variation and sharing of antibiotic resistance genes between water and wild fish gut in a peri-urban river. Journal of Environmental Sciences, 2021, 103, 12-19.	3.2	30
7	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
8	Metagenomic analysis of microbiota and antibiotic resistome in household activated carbon drinking water purifiers. Environment International, 2021, 148, 106394.	4.8	25
9	Behavior of antibiotic resistance genes in a wastewater treatment plant with different upgrading processes. Science of the Total Environment, 2021, 771, 144814.	3.9	33
10	Spread of antibiotic resistance genes and microbiota in airborne particulate matter, dust, and human airways in the urban hospital. Environment International, 2021, 153, 106501.	4.8	41
11	Dissemination of antibiotic resistance genes in swimming pools and implication for human skin. Science of the Total Environment, 2021, 794, 148693.	3.9	8
12	Effect and mechanism of quorum sensing on horizontal transfer of multidrug plasmid RP4 in BAC biofilm. Science of the Total Environment, 2020, 698, 134236.	3.9	51
13	Comprehensive Understanding of the Plasmid-Mediated Colistin Resistance Gene mcr-1 in Aquatic Environments. Environmental Science & Technology, 2020, 54, 1603-1613.	4.6	20
14	Antibiotic resistance genes and microcystins in a drinking water treatment plant. Environmental Pollution, 2020, 258, 113718.	3.7	24
15	The impact and mechanism of quaternary ammonium compounds on the transmission of antibiotic resistance genes. Environmental Science and Pollution Research, 2019, 26, 28352-28360.	2.7	65
16	High-throughput profiling of seasonal variations of antibiotic resistance gene transport in a peri-urban river. Environment International, 2018, 114, 87-94.	4.8	150
17	Biomarkers of antibiotic resistance genes during seasonal changes in wastewater treatment systems. Environmental Pollution, 2018, 234, 79-87.	3.7	49
18	Prevalence and transmission of antibiotic resistance and microbiota between humans and water environments. Environment International, 2018, 121, 1155-1161.	4.8	92

#	Article	IF	Citations
19	High-throughput profiling and analysis of antibiotic resistance genes in East Tiaoxi River, China. Environmental Pollution, 2017, 230, 648-654.	3.7	99
20	Antibiotic resistance genes in an urban river as impacted by bacterial community and physicochemical parameters. Environmental Science and Pollution Research, 2017, 24, 23753-23762.	2.7	138
21	High-Throughput Profiling of the Antibiotic Resistance Gene Transmission in Aquaculture Systems. Environmental Engineering Science, 0, , .	0.8	1