

Antibiotic resistance genes and intI1 prevalence in a sw correlation with metal resistance, bacterial community

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Antibiotic resistance genes and intl1 prevalence in a swine wastewater treatment plant and correlation with metal resistance, bacterial community and wastewater parameters. <i>Ecotoxicology and Environmental Safety</i> , 2018, 161, 251-259.	2.9	67
2	Development of Antibiotic Resistance in Wastewater Treatment Plants. , 0, , .		8
3	Class 1 integrons as predominant carriers in <i>Escherichia coli</i> isolates from waterfowls in Hainan, China. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109514.	2.9	20
4	Deciphering the microbial and genetic responses of anammox biogranules to the single and joint stress of zinc and tetracycline. <i>Environment International</i> , 2019, 132, 105097.	4.8	51
5	The correlation between antibiotic resistance gene abundance and microbial community resistance in pig farm wastewater and surrounding rivers. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109452.	2.9	34
6	Fates of antibiotic resistance genes in a distributed swine wastewater treatment plant. <i>Water Environment Research</i> , 2019, 91, 1565-1575.	1.3	20
7	Housefly larvae (<i>Musca domestica</i>) significantly accelerates degradation of monensin by altering the structure and abundance of the associated bacterial community. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 418-426.	2.9	13
8	Effect of the coexposure of sulfadiazine, ciprofloxacin and zinc on the fate of antibiotic resistance genes, bacterial communities and functions in three-dimensional biofilm-electrode reactors. <i>Bioresource Technology</i> , 2020, 296, 122290.	4.8	37
9	Contribution of antibiotics to the fate of antibiotic resistance genes in anaerobic treatment processes of swine wastewater: A review. <i>Bioresource Technology</i> , 2020, 299, 122654.	4.8	57
10	Evolution and distribution of resistance genes and bacterial community in water and biofilm of a simulated fish-duck integrated pond with stress. <i>Chemosphere</i> , 2020, 245, 125549.	4.2	13
11	Mitigation of antibiotic resistance in a pilot-scale system treating wastewater from high-speed railway trains. <i>Chemosphere</i> , 2020, 245, 125484.	4.2	13
12	Occurrence and distribution of antibiotic resistance genes in the coastal sediments of effluent-receiving areas of WWTPs, China. <i>Bioresource Technology Reports</i> , 2020, 11, 100511.	1.5	16
13	Comparison of the elimination effectiveness of tetracycline and AmpC β -lactamase resistance genes in a municipal wastewater treatment plant using four parallel processes. <i>Ecotoxicology</i> , 2021, 30, 1586-1597.	1.1	9
14	Struvite crystallization induced the discrepant transports of antibiotics and antibiotic resistance genes in phosphorus recovery from swine wastewater. <i>Environmental Pollution</i> , 2020, 266, 115361.	3.7	8
15	The relationship between culturable doxycycline-resistant bacterial communities and antibiotic resistance gene hosts in pig farm wastewater treatment plants. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111164.	2.9	19
16	Hospital Wastewater as a Reservoir for Antibiotic Resistance Genes: A Meta-Analysis. <i>Frontiers in Public Health</i> , 2020, 8, 574968.	1.3	55
17	Spread of resistance genes from duck manure to fish intestine in simulated fish-duck pond and the promotion of cefotaxime and As. <i>Science of the Total Environment</i> , 2020, 731, 138693.	3.9	8
18	Antibiotic resistance genes, bacterial communities, and functions in constructed wetland-microbial fuel cells: Responses to the co-stresses of antibiotics and zinc. <i>Environmental Pollution</i> , 2020, 265, 115084.	3.7	44

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19	Insight into effect of high-level cephalexin on fate and driver mechanism of antibiotics resistance genes in antibiotic wastewater treatment system. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110739.	2.9	20
20	Monensin biodegradation pathway and role of epoxide hydrolase in <i>Stenotrophomonas maltophilia</i> DMâ€2. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 1825-1833.	1.6	1
21	Temporal dynamics of antibiotic resistant genes and their association with the bacterial community in a water-sediment mesocosm under selection by 14 antibiotics. <i>Environment International</i> , 2020, 137, 105554.	4.8	39
22	Reduction of erythromycin resistance gene <i>erm</i> (F) and class 1 integronâ€integrase genes in wastewater by Bardenpho treatment. <i>Water Environment Research</i> , 2020, 92, 1042-1050.	1.3	9
23	Fate and driving factors of antibiotic resistance genes in an integrated swine wastewater treatment system: From wastewater to soil. <i>Science of the Total Environment</i> , 2020, 721, 137654.	3.9	36
24	Mitigation via physiochemically enhanced primary treatment of antibiotic resistance genes in influent from a municipal wastewater treatment plant. <i>Separation and Purification Technology</i> , 2020, 247, 116946.	3.9	14
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26	Family livestock waste: An ignored pollutant resource of antibiotic resistance genes. <i>Ecotoxicology and Environmental Safety</i> , 2020, 197, 110567.	2.9	48
27	Antibiotic resistance development and human health risks during wastewater reuse and biosolids application in agriculture. <i>Chemosphere</i> , 2021, 265, 129032.	4.2	64
28	Genotypic and phenotypic situation of antimicrobial drug resistance of <i>Escherichia coli</i> in water and manure between biogas and non-biogas swine farms in central Thailand. <i>Journal of Environmental Management</i> , 2021, 279, 111659.	3.8	15
29	Effects of wastewater treatment and manure application on the dissemination of antimicrobial resistance around swine feedlots. <i>Journal of Cleaner Production</i> , 2021, 280, 123794.	4.6	28
30	Reduction of antibiotic resistance genes under different conditions during composting process of aerobic combined with anaerobic. <i>Bioresource Technology</i> , 2021, 325, 124710.	4.8	22
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32	Dynamics of antibiotic resistance and its association with bacterial community in a drinking water treatment plant and the residential area. <i>Environmental Science and Pollution Research</i> , 2021, 28, 55690-55699.	2.7	10
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34	Fate of antibiotics and antibiotic resistance genes during aerobic co-composting of food waste with sewage sludge. <i>Science of the Total Environment</i> , 2021, 784, 146950.	3.9	40
35	Performance of full scale constructed wetlands in removing antibiotics and antibiotic resistance genes. <i>Science of the Total Environment</i> , 2021, 786, 147368.	3.9	48
36	Co-occurrence of antimicrobial and metal resistance genes in pig feces and agricultural fields fertilized with slurry. <i>Science of the Total Environment</i> , 2021, 792, 148259.	3.9	21

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37	Advancements in detection and removal of antibiotic resistance genes in sludge digestion: A state-of-art review. <i>Bioresource Technology</i> , 2022, 344, 126197.	4.8	40
38	Impact of Hospital Wastewater on the Occurrence and Diversity of Beta-Lactamase Genes During Wastewater Treatment with an Emphasis on Carbapenemase Genes: A Metagenomic Approach. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	9
39	Fates of intracellular and extracellular antibiotic resistance genes during the cattle farm wastewater treatment process. <i>Bioresource Technology</i> , 2022, 344, 126272.	4.8	23
40	Metagenomics-Guided Assessment of Water Quality and Predicting Pathogenic Load. Impact of Meat Consumption on Health and Environmental Sustainability, 2022, , 71-91.	0.4	1
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42	Occurrence and distribution of Carbapenem-resistant Enterobacterales and carbapenemase genes along a highly polluted hydrographic basin. <i>Environmental Pollution</i> , 2022, 300, 118958.	3.7	7
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44	Dissimilatory microbial sulfur and methane metabolism in the water column of a shallow meromictic lake. <i>Systematic and Applied Microbiology</i> , 2022, 45, 126320.	1.2	7
45	The reduction and fate of antibiotic resistance genes (ARGs) and mobile genetic elements (MGEs) in microbial fuel cell (MFC) during treatment of livestock wastewater. <i>Journal of Contaminant Hydrology</i> , 2022, 247, 103981.	1.6	13
46	Antibiotics and microbial community-induced antibiotic-resistant genes distribution in soil and sediment in the eastern coastline of China. <i>Environmental Monitoring and Assessment</i> , 2022, 194, .	1.3	2
47	Heavy Metal and Antibiotic Resistance in Four Indian and UK Rivers with Different Levels and Types of Water Pollution. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
48	Response of performance, antibiotic resistance genes and bacterial community exposure to compound antibiotics stress: Full nitrification to shortcut nitrification and denitrification. <i>Chemical Engineering Journal</i> , 2023, 451, 138750.	6.6	4
49	Arsenic resistance and horizontal gene transfer are associated with carbon and nitrogen enrichment in bacteria. <i>Environmental Pollution</i> , 2022, 311, 119937.	3.7	1
50	Coastal mudflats as reservoirs of extracellular antibiotic resistance genes: Studies in Eastern China. <i>Journal of Environmental Sciences</i> , 2023, 129, 58-68.	3.2	3
51	Targeting current and future threats: recent methodological trends in environmental antimicrobial resistance research and their relationships to risk assessment. <i>Environmental Science: Water Research and Technology</i> , 2022, 8, 1787-1802.	1.2	4
52	Heavy metal and antibiotic resistance in four Indian and UK rivers with different levels and types of water pollution. <i>Science of the Total Environment</i> , 2023, 857, 159059.	3.9	26
53	Effect of graphene and graphene oxide on antibiotic resistance genes during copper-contained swine manure anaerobic digestion. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	2
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55	Removal of Antibiotic Resistance Genes from Animal Wastewater by Ecological Treatment Technology Based on Plant Absorption. International Journal of Environmental Research and Public Health, 2023, 20, 4357.	1.2	0