

Evolution of corresponding resistance genes in the water stresses of antibiotics and heavy metals

Water Research

124, 39-48

DOI: [10.1016/j.watres.2017.07.048](https://doi.org/10.1016/j.watres.2017.07.048)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Abundances and profiles of antibiotic resistance genes as well as co-occurrences with human bacterial pathogens in ship ballast tank sediments from a shipyard in Jiangsu Province, China. <i>Ecotoxicology and Environmental Safety</i> , 2018, 157, 169-175.	2.9	30
2	Use of a filtering process to remove solid waste and antibiotic resistance genes from effluent of a flow-through fish farm. <i>Science of the Total Environment</i> , 2018, 615, 289-296.	3.9	26
3	Analysis of Bacterial Community Characteristics, Abundance of Antibiotics and Antibiotic Resistance Genes Along a Pollution Gradient of Ba River in Xi'an, China. <i>Frontiers in Microbiology</i> , 2018, 9, 3191.	1.5	48
4	Antibiotic resistance genes in China: occurrence, risk, and correlation among different parameters. <i>Environmental Science and Pollution Research</i> , 2018, 25, 21467-21482.	2.7	67
5	Combined impact of fishmeal and tetracycline on resistomes in mariculture sediment. <i>Environmental Pollution</i> , 2018, 242, 1711-1719.	3.7	27
6	Exonuclease III-powered DNA Walking Machine for Label-free and Ultrasensitive Electrochemical Sensing of Antibiotic. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126771.	4.0	27
7	A label-free electrochemical platform for the detection of antibiotics based on cascade enzymatic amplification coupled with a split G-quadruplex DNAzyme. <i>Analyst</i> , 2019, 144, 4995-5002.	1.7	22
8	Distribution and co-occurrence of antibiotic and metal resistance genes in biofilms of an anthropogenically impacted stream. <i>Science of the Total Environment</i> , 2019, 688, 437-449.	3.9	40
9	Metal impacts on the persistence and proliferation of β -lactam resistance genes in Xiangjiang River, China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 25208-25217.	2.7	8
10	The effects of tetracycline concentrations on tetracycline resistance genes and their bacterial hosts in the gut passages of earthworms (<i>Eisenia fetida</i>) feeding on domestic sludge. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34412-34420.	2.7	6
11	Effect of submerged macrophytes <i>Vallisneria spiralis</i> L. on restoring the sediment contaminated by enrofloxacin in aquaculture ponds. <i>Ecological Engineering</i> , 2019, 140, 105596.	1.6	11
12	Effects of graphite and Mn ore media on electro-active bacteria enrichment and fate of antibiotic and corresponding resistance gene in up flow microbial fuel cell constructed wetland. <i>Water Research</i> , 2019, 165, 114988.	5.3	94
13	Heavy metal-induced co-selection of antibiotic resistance genes in the gut microbiota of collembolans. <i>Science of the Total Environment</i> , 2019, 683, 210-215.	3.9	63
14	Flocculation of different types of combined contaminants of antibiotics and heavy metals by thermo-responsive flocculants with various architectures. <i>Separation and Purification Technology</i> , 2019, 223, 123-132.	3.9	57
15	Occurrence and distribution of antibiotic resistance genes in the sediments of the East China Sea bays. <i>Journal of Environmental Sciences</i> , 2019, 81, 156-167.	3.2	56
16	Dissemination of antibiotic resistance genes (ARGs) by rainfall on a cyclic economic breeding livestock farm. <i>International Biodeterioration and Biodegradation</i> , 2019, 138, 114-121.	1.9	36
17	Experiment and simulation of supersaturated total dissolved gas dissipation: Focus on the effect of confluence types. <i>Water Research</i> , 2019, 155, 320-332.	5.3	25
18	Abundance and removal of antibiotic resistance genes (ARGs) in the rearing environments of intensive shrimp aquaculture in South China. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2019, 54, 211-218.	0.7	27

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21	Deciphering of microbial community and antibiotic resistance genes in activated sludge reactors under high selective pressure of different antibiotics. <i>Water Research</i> , 2019, 151, 388-402.	5.3	229
22	Bridging effects behind the coadsorption of copper and sulfamethoxazole by a polyamine-modified resin. <i>Chemical Engineering Journal</i> , 2019, 362, 422-429.	6.6	48
23	Distribution and relationship between antimicrobial resistance genes and heavy metals in surface sediments of Taihu Lake, China. <i>Journal of Environmental Sciences</i> , 2019, 77, 323-335.	3.2	52
24	Coexistence and association between heavy metals, tetracycline and corresponding resistance genes in vermicomposts originating from different substrates. <i>Environmental Pollution</i> , 2019, 244, 28-37.	3.7	53
25	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
26	Kinetics and mechanisms of oxytetracycline degradation in an electro-Fenton system with a modified graphite felt cathode. <i>Journal of Environmental Management</i> , 2020, 257, 109968.	3.8	46
27	Insight into adsorption of combined antibiotic-heavy metal contaminants on graphene oxide in water. <i>Separation and Purification Technology</i> , 2020, 236, 116278.	3.9	116
28	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
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31	Aerobic denitrification affects gaseous nitrogen loss in biofloc-based recirculating aquaculture system. <i>Aquaculture</i> , 2020, 529, 735686.	1.7	44
32	Aerobic Denitrification Microbial Community and Function in Zero-Discharge Recirculating Aquaculture System Using a Single Biofloc-Based Suspended Growth Reactor: Influence of the Carbon-to-Nitrogen Ratio. <i>Frontiers in Microbiology</i> , 2020, 11, 1760.	1.5	34
33	Antibiotic and Metal Resistance in <i>Escherichia coli</i> Isolated from Pig Slaughterhouses in the United Kingdom. <i>Antibiotics</i> , 2020, 9, 746.	1.5	15
34	Entropy-driven spliced DNA walking machine for label-free electrochemical detection of antibiotics. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128385.	4.0	16
35	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
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39	Propagation of antibiotic resistance genes in an industrial recirculating aquaculture system located at northern China. <i>Environmental Pollution</i> , 2020, 261, 114155.	3.7	29
40	Characterization of tetracycline effects on microbial community, antibiotic resistance genes and antibiotic resistance of <i>Aeromonas</i> spp. in gut of goldfish <i>Carassius auratus</i> Linnaeus. <i>Ecotoxicology and Environmental Safety</i> , 2020, 191, 110182.	2.9	39
41	Wastewater discharge drives ARGs spread in the coastal area: A case study in Hangzhou Bay, China. <i>Marine Pollution Bulletin</i> , 2020, 151, 110856.	2.3	43
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43	The prevalence of ampicillin-resistant opportunistic pathogenic bacteria undergoing selective stress of heavy metal pollutants in the Xiangjiang River, China. <i>Environmental Pollution</i> , 2021, 268, 115362.	3.7	28
44	Responses of microbial community and antibiotic resistance genes to the selection pressures of ampicillin, cephalexin and chloramphenicol in activated sludge reactors. <i>Science of the Total Environment</i> , 2021, 755, 142632.	3.9	45
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46	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
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54	Improved reduction of antibiotic resistance genes and mobile genetic elements from biowastes in dry anaerobic co-digestion. <i>Waste Management</i> , 2021, 126, 152-162.	3.7	15
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57	Insight into the evolution of microbial community and antibiotic resistance genes in anammox process induced by copper after recovery from oxytetracycline stress. <i>Bioresource Technology</i> , 2021, 330, 124945.	4.8	22
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75	Effects of Heavy Metals Pollution on the Co-Selection of Metal and Antibiotic Resistance in Urban Rivers in UK and India. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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