

# Effects of Copper Addition on Copper Resistance, Antibiotic Resistance, and Microbial Diversity during Swine Manure Composting

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The behavior of antibiotic resistance genes and arsenic influenced by biochar during different manure composting. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14484-14490.	2.7	41
2	Behavior of antibiotic resistance genes during co-composting of swine manure with Chinese medicinal herbal residues. <i>Bioresource Technology</i> , 2017, 244, 252-260.	4.8	107
3	Effects of superabsorbent polymers on the abundances of antibiotic resistance genes, mobile genetic elements, and the bacterial community during swine manure composting. <i>Bioresource Technology</i> , 2017, 244, 658-663.	4.8	80
4	Dynamics of bacterial composition and the fate of antibiotic resistance genes and mobile genetic elements during the co-composting with gentamicin fermentation residue and lovastatin fermentation residue. <i>Bioresource Technology</i> , 2018, 261, 249-256.	4.8	65
5	Prevalence of quinolone resistance genes, copper resistance genes, and the bacterial communities in a soil-ryegrass system co-polluted with copper and ciprofloxacin. <i>Chemosphere</i> , 2018, 197, 643-650.	4.2	17
6	Impact of copper on the diazotroph abundance and community composition during swine manure composting. <i>Bioresource Technology</i> , 2018, 255, 257-265.	4.8	34
7	Effects of copper on the composition and diversity of microbial communities in laboratory-scale swine manure composting. <i>Canadian Journal of Microbiology</i> , 2018, 64, 409-419.	0.8	16
8	Bacterial community succession during pig manure and wheat straw aerobic composting covered with a semi-permeable membrane under slight positive pressure. <i>Bioresource Technology</i> , 2018, 259, 221-227.	4.8	154
9	Effects of genetically modified cotton stalks on antibiotic resistance genes, intl1, and intl2 during pig manure composting. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 637-642.	2.9	44
10	Hyperthermophilic Composting Accelerates the Removal of Antibiotic Resistance Genes and Mobile Genetic Elements in Sewage Sludge. <i>Environmental Science &amp; Technology</i> , 2018, 52, 266-276.	4.6	321
11	Biofilms as a sink for antibiotic resistance genes (ARGs) in the Yangtze Estuary. <i>Water Research</i> , 2018, 129, 277-286.	5.3	193
12	Bacterial resistance to antibiotic alternatives: a wolf in sheep's clothing?1. <i>Animal Frontiers</i> , 2018, 8, 39-47.	0.8	25
13	Contributions of the microbial community and environmental variables to antibiotic resistance genes during co-composting with swine manure and cotton stalks. <i>Journal of Hazardous Materials</i> , 2018, 358, 82-91.	6.5	118
14	Human and veterinary antibiotics during composting of sludge or manure: Global perspectives on persistence, degradation, and resistance genes. <i>Journal of Hazardous Materials</i> , 2018, 359, 465-481.	6.5	282
15	Seasonal and spatial distribution of antibiotic resistance genes in the sediments along the Yangtze Estuary, China. <i>Environmental Pollution</i> , 2018, 242, 576-584.	3.7	93
16	Changes of quinolone resistance genes and their relations with microbial profiles during vermicomposting of municipal excess sludge. <i>Science of the Total Environment</i> , 2018, 644, 494-502.	3.9	58
17	Short-term copper exposure as a selection pressure for antibiotic resistance and metal resistance in an agricultural soil. <i>Environmental Science and Pollution Research</i> , 2018, 25, 29314-29324.	2.7	20
18	Removal of intl1 and associated antibiotics resistant genes in water, sewage sludge and livestock manure treatments. <i>Reviews in Environmental Science and Biotechnology</i> , 2018, 17, 471-500.	3.9	46

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19	Effects of metal and metalloid pollutants on the microbiota composition of feces obtained from twelve commercial pig farms across China. <i>Science of the Total Environment</i> , 2019, 647, 577-586.	3.9	15
20	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
21	Effects of nano-zerovalent iron on antibiotic resistance genes during the anaerobic digestion of cattle manure. <i>Bioresource Technology</i> , 2019, 289, 121688.	4.8	67
22	Dynamics of oxytetracycline and resistance genes in soil under long-term intensive compost fertilization in Northern China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 21381-21393.	2.7	17
23	Responses of antibiotic and heavy metal resistance genes to bamboo charcoal and bamboo vinegar during aerobic composting. <i>Environmental Pollution</i> , 2019, 252, 1097-1105.	3.7	69
24	Effects of inoculation with lignocellulose-degrading microorganisms on antibiotic resistance genes and the bacterial community during co-composting of swine manure with spent mushroom substrate. <i>Environmental Pollution</i> , 2019, 252, 110-118.	3.7	74
25	Evaluating the net effect of sulfadimidine on nitrogen removal in an aquatic microcosm environment. <i>Environmental Pollution</i> , 2019, 248, 1010-1019.	3.7	27
26	The behavior of antibiotic resistance genes and their associations with bacterial community during poultry manure composting. <i>Bioresource Technology</i> , 2019, 280, 70-78.	4.8	77
27	Effects of amoxicillin on nitrogen transformation and bacterial community succession during aerobic composting. <i>Journal of Hazardous Materials</i> , 2019, 362, 258-265.	6.5	131
28	Field-based evidence for enrichment of antibiotic resistance genes and mobile genetic elements in manure-amended vegetable soils. <i>Science of the Total Environment</i> , 2019, 654, 906-913.	3.9	60
29	Effects of macroporous adsorption resin on antibiotic resistance genes and the bacterial community during composting. <i>Bioresource Technology</i> , 2020, 295, 121997.	4.8	52
30	Variation of antibiotic resistome during commercial livestock manure composting. <i>Environment International</i> , 2020, 136, 105458.	4.8	115
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32	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
33	The fate of antibiotic resistance genes during co-composting of swine manure with cauliflower and corn straw. <i>Bioresource Technology</i> , 2020, 300, 122669.	4.8	47
34	Roles of nxrA-like oxidizers and nirS-like reducers in nitrite conversion during swine manure composting. <i>Bioresource Technology</i> , 2020, 297, 122426.	4.8	24
35	Effects of nano-zerovalent iron on antibiotic resistance genes and mobile genetic elements during swine manure composting. <i>Environmental Pollution</i> , 2020, 258, 113654.	3.7	63
36	Behaviors and related mechanisms of Zn resistance and antibiotic resistance genes during co-composting of erythromycin manufacturing wastes and pig manure. <i>Bioresource Technology</i> , 2020, 318, 124048.	4.8	15

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37	Antibiotic resistance genes in sediments of the Yangtze Estuary: From 2007 to 2019. <i>Science of the Total Environment</i> , 2020, 744, 140713.	3.9	37
38	Antibiotic resistance gene transfer during anaerobic digestion with added copper: Important roles of mobile genetic elements. <i>Science of the Total Environment</i> , 2020, 743, 140759.	3.9	27
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40	Changes in sediment microbial diversity following chronic copper-exposure induce community copper-tolerance without increasing sensitivity to arsenic. <i>Journal of Hazardous Materials</i> , 2020, 391, 122197.	6.5	13
41	Deciphering the role of calcium peroxide on the fate of antibiotic resistance genes and mobile genetic elements during bioelectrochemically-assisted anaerobic composting of excess dewatered sludge. <i>Chemical Engineering Journal</i> , 2020, 397, 125355.	6.6	20
42	Microbial insights into the biogeochemical features of thallium occurrence: A case study from polluted river sediments. <i>Science of the Total Environment</i> , 2020, 739, 139957.	3.9	58
43	Exploring the microbial mechanisms of organic matter transformation during pig manure composting amended with bean dregs and biochar. <i>Bioresource Technology</i> , 2020, 313, 123647.	4.8	92
44	Elucidating the effect of microbial inoculum and ferric chloride as additives on the removal of antibiotic resistance genes from chicken manure during aerobic composting. <i>Bioresource Technology</i> , 2020, 309, 122802.	4.8	47
45	Reducing the Consumption of Antibiotics: Would That Be Enough to Slow Down the Dissemination of Resistances in the Downstream Environment?. <i>Frontiers in Microbiology</i> , 2020, 11, 33.	1.5	25
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47	Insight into the fate of antibiotic resistance genes and bacterial community in co-composting green tea residues with swine manure. <i>Journal of Environmental Management</i> , 2020, 266, 110581.	3.8	37
48	Microbiological safety and antibiotic resistance risks at a sustainable farm under large-scale open-air composting and composting toilet systems. <i>Journal of Hazardous Materials</i> , 2021, 401, 123391.	6.5	25
49	Coexistence between antibiotic resistance genes and metal resistance genes in manure-fertilized soils. <i>Geoderma</i> , 2021, 382, 114760.	2.3	38
50	Variation of heavy metal speciation, antibiotic degradation, and potential horizontal gene transfer during pig manure composting under different chlortetracycline concentration. <i>Environmental Science and Pollution Research</i> , 2021, 28, 1224-1234.	2.7	5
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52	Environmental effects and risk control of antibiotic resistance genes in the organic solid waste aerobic composting system: A review. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	3.3	32
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56	Chicken Manure and Mushroom Residues Affect Soil Bacterial Community Structure but Not the Bacterial Resistome When Applied at the Same Rate of Nitrogen for 3 Years. <i>Frontiers in Microbiology</i> , 2021, 12, 618693.	1.5	9
57	Microbial community dynamics during composting of animal manures contaminated with arsenic, copper, and oxytetracycline. <i>Journal of Integrative Agriculture</i> , 2021, 20, 1649-1659.	1.7	23
58	Biochar reinforced the populations of cbbL-containing autotrophic microbes and humic substance formation via sequestering CO <sub>2</sub> in composting process. <i>Journal of Biotechnology</i> , 2021, 333, 39-48.	1.9	30
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60	Additive quality influences the reservoir of antibiotic resistance genes during chicken manure composting. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112413.	2.9	22
61	Antibiotic resistance genes in layer farms and their correlation with environmental samples. <i>Poultry Science</i> , 2021, 100, 101485.	1.5	21
62	Reductive soil disinfestation attenuates antibiotic resistance genes in greenhouse vegetable soils. <i>Journal of Hazardous Materials</i> , 2021, 420, 126632.	6.5	9
63	Key factors driving the fate of antibiotic resistance genes and controlling strategies during aerobic composting of animal manure: A review. <i>Science of the Total Environment</i> , 2021, 791, 148372.	3.9	73
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70	Impact of bamboo sphere amendment on composting performance and microbial community succession in food waste composting. <i>Journal of Environmental Management</i> , 2022, 303, 114144.	3.8	18
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79	Effects of Pilot-Scale Co-composting of Gentamicin Mycelial Residue with Rice Chaff on Gentamicin Degradation, Compost Maturity and Microbial Community Dynamics. <i>Waste and Biomass Valorization</i> , 2022, 13, 4797-4812.	1.8	2
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89	Environmental drivers and interaction mechanisms of heavy metal and antibiotic resistome exposed to amoxicillin during aerobic composting. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	1
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