

Antibiotic resistance gene spread due to manure applica

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Detection and diversity evaluation of tetracycline resistance genes in grassland-based production systems in Colombia, South America. <i>Frontiers in Microbiology</i> , 2011, 2, 252.	1.5	50
2	Detection of a Common and Persistent <i>tet</i> (L)-Carrying Plasmid in Chicken-Waste-Impacted Farm Soil. <i>Applied and Environmental Microbiology</i> , 2012, 78, 3203-3213.	1.4	41
3	Heavy metal driven co-selection of antibiotic resistance in soil and water bodies impacted by agriculture and aquaculture. <i>Frontiers in Microbiology</i> , 2012, 3, 399.	1.5	747
4	Ecology of zoonoses: natural and unnatural histories. <i>Lancet, The</i> , 2012, 380, 1936-1945.	6.3	590
5	Sorption of tetracyclines onto natural soils: data analysis and prediction. <i>Environmental Science and Pollution Research</i> , 2012, 19, 3087-3095.	2.7	52
6	Novel techniques and findings in the study of plant microbiota: Search for plant probiotics. <i>Plant Science</i> , 2012, 193-194, 96-102.	1.7	125
7	Are humans increasing bacterial evolvability?. <i>Trends in Ecology and Evolution</i> , 2012, 27, 346-352.	4.2	146
8	The Shared Antibiotic Resistome of Soil Bacteria and Human Pathogens. <i>Science</i> , 2012, 337, 1107-1111.	6.0	1,314
9	Sulfonamide Antibiotics in Natural and Treated Waters: Environmental and Human Health Risks. <i>Handbook of Environmental Chemistry</i> , 2012, , 71-92.	0.2	3
11	Fate of tetracycline, sulfonamide and fluoroquinolone resistance genes and the changes in bacterial diversity during composting of swine manure. <i>Bioresource Technology</i> , 2012, 126, 383-390.	4.8	225
12	Context matters – the complex interplay between resistome genotypes and resistance phenotypes. <i>Current Opinion in Microbiology</i> , 2012, 15, 577-582.	2.3	97
13	Foxes As a Potential Wildlife Reservoir for <i>mecA</i> -Positive Staphylococci. <i>Vector-Borne and Zoonotic Diseases</i> , 2012, 12, 583-587.	0.6	17
14	Removal of sulfonamide antibiotics upon conventional activated sludge and advanced membrane bioreactor treatment. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1505-1515.	1.9	66
15	Integron Involvement in Environmental Spread of Antibiotic Resistance. <i>Frontiers in Microbiology</i> , 2012, 3, 119.	1.5	301
16	Accumulation of Pharmaceuticals, Enterococcus, and Resistance Genes in Soils Irrigated with Wastewater for Zero to 100 Years in Central Mexico. <i>PLoS ONE</i> , 2012, 7, e45397.	1.1	108
17	IncP-1 $\mu$ Plasmids are Important Vectors of Antibiotic Resistance Genes in Agricultural Systems: Diversification Driven by Class 1 Integron Gene Cassettes. <i>Frontiers in Microbiology</i> , 2012, 3, 2.	1.5	114
18	Microarray Assessment of Virulence, Antibiotic, and Heavy Metal Resistance in an Agricultural Watershed Creek. <i>Journal of Environmental Quality</i> , 2012, 41, 534-543.	1.0	8
19	Characterization of a mobile and multiple resistance plasmid isolated from swine manure and its detection in soil after manure application. <i>Journal of Applied Microbiology</i> , 2012, 112, 1123-1133.	1.4	30

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20	Phylogenetic analysis reveals the coexistence of interfamily and interspecies horizontal gene transfer in <i>Streptococcus thermophilus</i> strains isolated from the same yoghurt. <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 286-292.	1.2	6
23	Biogas final digestive byproduct applied to croplands as fertilizer contains high levels of steroid hormones. <i>Environmental Pollution</i> , 2013, 180, 368-371.	3.7	19
24	Identification of Tet45, a tetracycline efflux pump, from a poultry-litter-exposed soil isolate and persistence of tet(45) in the soil. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1962-1969.	1.3	16
25	Can Probiotics Improve the Environmental Microbiome and Resistome of Commercial Poultry Production?. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 4534-4559.	1.2	44
26	Abundance and transferability of antibiotic resistance as related to the fate of sulfadiazine in maize rhizosphere and bulk soil. <i>FEMS Microbiology Ecology</i> , 2013, 83, 125-134.	1.3	59
27	Urban wastewater treatment plants as hotspots for antibiotic resistant bacteria and genes spread into the environment: A review. <i>Science of the Total Environment</i> , 2013, 447, 345-360.	3.9	1,784
28	Human Pathogens on Plants: Designing a Multidisciplinary Strategy for Research. <i>Phytopathology</i> , 2013, 103, 306-315.	1.1	49
29	Effects of slurry from sulfadiazine- (SDZ) and difloxacin- (DIF) medicated pigs on the structural diversity of microorganisms in bulk and rhizosphere soil. <i>Soil Biology and Biochemistry</i> , 2013, 62, 82-91.	4.2	53
30	Predicting Contaminant Adsorption in Black Carbon (Biochar)-Amended Soil for the Veterinary Antimicrobial Sulfamethazine. <i>Environmental Science &amp; Technology</i> , 2013, 47, 6197-6205.	4.6	104
31	The effect of hospital effluent on antimicrobial resistant <i>E. coli</i> within a municipal wastewater system. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 617.	1.7	26
32	Adjuvant immunotherapies as a novel approach to bacterial infections. <i>Immunotherapy</i> , 2013, 5, 365-381.	1.0	13
33	Production of ACAT1 56-kDa isoform in human cells via trans-splicing involving the ampicillin resistance gene. <i>Cell Research</i> , 2013, 23, 1007-1024.	5.7	13
34	Fate and Transport of Antimicrobials and Antimicrobial Resistance Genes in Soil and Runoff Following Land Application of Swine Manure Slurry. <i>Environmental Science &amp; Technology</i> , 2013, 47, 12081-12088.	4.6	160
35	Antivirulence Therapy for Animal Production: Filling an Arsenal with Novel Weapons for Sustainable Disease Control. <i>PLoS Pathogens</i> , 2013, 9, e1003603.	2.1	29
36	<i>Escherichia coli</i> Contamination of Lettuce Grown in Soils Amended with Animal Slurry. <i>Journal of Food Protection</i> , 2013, 76, 1137-1144.	0.8	15
37	Spread of multidrug-resistant <i>Enterococcus</i> to animals and humans: an underestimated role for the pig farm environment. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2746-2754.	1.3	74
38	Management Options for Reducing the Release of Antibiotics and Antibiotic Resistance Genes to the Environment. <i>Environmental Health Perspectives</i> , 2013, 121, 878-885.	2.8	657
39	Quantification of IncP-1 Plasmid Prevalence in Environmental Samples. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1410-1413.	1.4	48

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40	Plasmid-mediated fitness advantage of <i>Acinetobacter baylyi</i> in sulfadiazine-polluted soil. FEMS Microbiology Letters, 2013, 348, 127-132.	0.7	19
41	Risk Ranking of Antimicrobials in the Aquatic Environment from Human Consumption: An Irish Case Study. Human and Ecological Risk Assessment (HERA), 2013, 19, 1264-1284.	1.7	12
42	Diverse and abundant antibiotic resistance genes in Chinese swine farms. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3435-3440.	3.3	1,925
43	Increased Abundance and Transferability of Resistance Genes after Field Application of Manure from Sulfadiazine-Treated Pigs. Applied and Environmental Microbiology, 2013, 79, 1704-1711.	1.4	147
44	Characteristics of Cefotaxime-Resistant <i>Escherichia coli</i> from Wild Birds in The Netherlands. Applied and Environmental Microbiology, 2013, 79, 7556-7561.	1.4	82
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46	Ordering the bestiary of genetic elements transmissible by conjugation. Mobile Genetic Elements, 2013, 3, e24263.	1.8	38
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49	Evolutionary consequences of antibiotic use for the resistome, mobilome and microbial pangenome. Frontiers in Microbiology, 2013, 4, 4.	1.5	220
50	Mobile elements, zoonotic pathogens and commensal bacteria: conduits for the delivery of resistance genes into humans, production animals and soil microbiota. Frontiers in Microbiology, 2013, 4, 86.	1.5	103
51	Dynamics of Soil Bacterial Communities in Response to Repeated Application of Manure Containing Sulfadiazine. PLoS ONE, 2014, 9, e92958.	1.1	132
52	Prevalence of Veterinary Antibiotics and Antibiotic-Resistant <i>Escherichia coli</i> in the Surface Water of a Livestock Production Region in Northern China. PLoS ONE, 2014, 9, e111026.	1.1	44
53	Sulfonamide-Resistant Bacteria and Their Resistance Genes in Soils Fertilized with Manures from Jiangsu Province, Southeastern China. PLoS ONE, 2014, 9, e112626.	1.1	90
54	Effects of Chlorophyll-Derived Efflux Pump Inhibitor Pheophorbide a and Pyropheophorbide a on Growth and Macrolide Antibiotic Resistance of Indicator and Anaerobic Swine Manure Bacteria. International Journal of Antibiotics, 2014, 2014, 1-14.	1.2	5
55	Transport and Persistence of Tylosin-Resistant Enterococci, <i>erm</i> Genes, and Tylosin in Soil and Drainage Water from Fields Receiving Swine Manure. Journal of Environmental Quality, 2014, 43, 1484-1493.	1.0	41
56	Vegetable microbiomes: is there a connection among opportunistic infections, human health and our 'gut feeling'?. Microbial Biotechnology, 2014, 7, 487-495.	2.0	75
57	Novel assay to measure the plasmid mobilizing potential of mixed microbial communities. Frontiers in Microbiology, 2014, 5, 730.	1.5	27

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59	Occurrence of antibiotics and antibiotic resistances in soils from wastewater irrigation areas in Beijing and Tianjin, China. <i>Environmental Pollution</i> , 2014, 193, 94-101.	3.7	177
60	Forces shaping the antibiotic resistome. <i>BioEssays</i> , 2014, 36, 1179-1184.	1.2	56
61	Dissemination of Antibiotic Resistance Genes in Representative Broiler Feedlots Environments: Identification of Indicator ARGs and Correlations with Environmental Variables. <i>Environmental Science &amp; Technology</i> , 2014, 48, 13120-13129.	4.6	219
62	Correlation among extracellular polymeric substances, tetracycline resistant bacteria and tetracycline resistance genes under trace tetracycline. <i>Chemosphere</i> , 2014, 117, 658-662.	4.2	29
63	Does a drop in the bucket make a splash? Assessing the impact of antibiotic use on plants. <i>Current Opinion in Microbiology</i> , 2014, 19, 76-82.	2.3	41
64	Diverse Antibiotic Resistance Genes in Dairy Cow Manure. <i>MBio</i> , 2014, 5, e01017.	1.8	258
65	Learning from agriculture: understanding low-dose antimicrobials as drivers of resistome expansion. <i>Frontiers in Microbiology</i> , 2014, 5, 284.	1.5	70
66	Safely Coupling Livestock and Crop Production Systems: How Rapidly Do Antibiotic Resistance Genes Dissipate in Soil following a Commercial Application of Swine or Dairy Manure?. <i>Applied and Environmental Microbiology</i> , 2014, 80, 3258-3265.	1.4	114
67	Detection of livestock-associated methicillin-resistant <i>Staphylococcus aureus</i> among swine workers in Romania. <i>Journal of Infection and Public Health</i> , 2014, 7, 323-332.	1.9	19
68	Assessing the impact of dairy waste lagoons on groundwater quality using a spatial analysis of vadose zone and groundwater information in a coastal phreatic aquifer. <i>Journal of Environmental Management</i> , 2014, 132, 135-144.	3.8	16
69	Distribution of antibiotic-resistant bacteria in chicken manure and manure-fertilized vegetables. <i>Environmental Science and Pollution Research</i> , 2014, 21, 1231-1241.	2.7	89
70	Functional metagenomic characterization of antibiotic resistance genes in agricultural soils from China. <i>Environment International</i> , 2014, 65, 9-15.	4.8	149
71	The role of aquatic ecosystems as reservoirs of antibiotic resistance. <i>Trends in Microbiology</i> , 2014, 22, 36-41.	3.5	528
72	Metagenomic insights into the human gut resistome and the forces that shape it. <i>BioEssays</i> , 2014, 36, 316-329.	1.2	76
73	Improved detection of antibiotic compounds by bacterial reporter strains achieved by manipulations of membrane permeability and efflux capacity. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 2267-2277.	1.7	10
74	Prevalence and persistence of potentially pathogenic and antibiotic resistant bacteria during anaerobic digestion treatment of cattle manure. <i>Bioresource Technology</i> , 2014, 153, 284-291.	4.8	86
75	A web based tool for antimicrobial resistance evaluation in immunocompromised patient. , 2014, , .		0

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77	Shifts in Abundance and Diversity of Mobile Genetic Elements after the Introduction of Diverse Pesticides into an On-Farm Biopurification System over the Course of a Year. <i>Applied and Environmental Microbiology</i> , 2014, 80, 4012-4020.	1.4	60
78	Dynamics of antibiotic resistance genes and presence of putative pathogens during ambient temperature anaerobic digestion. <i>Journal of Applied Microbiology</i> , 2014, 117, 1689-1699.	1.4	50
79	Fate and effects of veterinary antibiotics in soil. <i>Trends in Microbiology</i> , 2014, 22, 536-545.	3.5	439
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82	Soil microbial community responses to antibiotic-contaminated manure under different soil moisture regimes. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 6487-6495.	1.7	31
83	Prevalence of ESBL-producing Enterobacteriaceae in raw vegetables. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 1843-1846.	1.3	79
84	Prevalence of sulfonamide-resistant bacteria, resistance genes and integron-associated horizontal gene transfer in natural water bodies and soils adjacent to a swine feedlot in northern Taiwan. <i>Journal of Hazardous Materials</i> , 2014, 277, 34-43.	6.5	117
85	Human health impacts of antibiotic use in agriculture: A push for improved causal inference. <i>Current Opinion in Microbiology</i> , 2014, 19, 1-8.	2.3	57
86	Competition Studies Confirm Two Major Barriers That Can Preclude the Spread of Resistance to Quorum-Sensing Inhibitors in Bacteria. <i>ACS Chemical Biology</i> , 2014, 9, 2291-2299.	1.6	106
87	Integrins: Past, Present, and Future. <i>Microbiology and Molecular Biology Reviews</i> , 2014, 78, 257-277.	2.9	536
88	Variations in dissipation rate, microbial function and antibiotic resistance due to repeated introductions of manure containing sulfadiazine and chlortetracycline to soil. <i>Chemosphere</i> , 2014, 96, 51-56.	4.2	59
89	Fate of antimicrobials and antimicrobial resistance genes in simulated swine manure storage. <i>Science of the Total Environment</i> , 2014, 481, 69-74.	3.9	82
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93	Approaches to Assess the Effects and Risks of Veterinary Antibiotics Applied with Manure to Soil. , 2015, , .		0

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95	Alternatives to Antibiotics in Animal Agriculture: An Ecoimmunological View. <i>Pathogens</i> , 2015, 4, 1-19.	1.2	21
96	Application of swine manure on agricultural fields contributes to extended-spectrum $\beta$ -lactamase-producing <i>Escherichia coli</i> spread in Tai'an, China. <i>Frontiers in Microbiology</i> , 2015, 6, 313.	1.5	51
97	Improved Detection of Extended Spectrum Beta-Lactamase (ESBL)-Producing <i>Escherichia coli</i> in Input and Output Samples of German Biogas Plants by a Selective Pre-Enrichment Procedure. <i>PLoS ONE</i> , 2015, 10, e0119791.	1.1	43
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99	Characterization of Antibiotics and Antibiotic Resistance Genes on an Ecological Farm System. <i>Journal of Chemistry</i> , 2015, 2015, 1-8.	0.9	22
100	Dynamics of <i>Escherichia coli</i> Virulence Factors in Dairy Herds and Farm Environments in a Longitudinal Study in the United States. <i>Applied and Environmental Microbiology</i> , 2015, 81, 4477-4488.	1.4	19
101	Transferable antibiotic resistance plasmids from biogas plant digestates often belong to the IncP-1 $\alpha$ subgroup. <i>Frontiers in Microbiology</i> , 2014, 5, 765.	1.5	44
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103	Occurrence of (fluoro)quinolones and (fluoro)quinolone resistance in soil receiving swine manure for 11 years. <i>Science of the Total Environment</i> , 2015, 530-531, 191-197.	3.9	50
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105	Positive relationship detected between soil bioaccessible organic pollutants and antibiotic resistance genes at dairy farms in Nanjing, Eastern China. <i>Environmental Pollution</i> , 2015, 206, 421-428.	3.7	56
106	Current perspectives on the dynamics of antibiotic resistance in different reservoirs. <i>Research in Microbiology</i> , 2015, 166, 594-600.	1.0	26
107	Quantitative <i>Campylobacter</i> spp., antibiotic resistance genes, and veterinary antibiotics in surface and ground water following manure application: Influence of tile drainage control. <i>Science of the Total Environment</i> , 2015, 532, 138-153.	3.9	63
108	Mining microbial metatranscriptomes for expression of antibiotic resistance genes under natural conditions. <i>Scientific Reports</i> , 2015, 5, 11981.	1.6	50
109	Effects of thermophilic composting on oxytetracycline, sulfamethazine, and their corresponding resistance genes in swine manure. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 1654-1660.	1.7	90
110	Transplastomic plants for innovations in agriculture. A review. <i>Agronomy for Sustainable Development</i> , 2015, 35, 1391-1430.	2.2	27
111	Effect from low-level exposure of oxytetracycline on abundance of tetracycline resistance genes in arable soils. <i>Environmental Science and Pollution Research</i> , 2015, 22, 13102-13110.	2.7	7

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113	<i>Environmental and Human Pathogenic Microorganisms</i> . , 2015, , 619-658.		1
114	Ecotoxicological assessment of antibiotics: A call for improved consideration of microorganisms. <i>Environment International</i> , 2015, 85, 189-205.	4.8	209
115	Effects of long-term manure applications on the occurrence of antibiotics and antibiotic resistance genes (ARGs) in paddy soils: Evidence from four field experiments in south of China. <i>Soil Biology and Biochemistry</i> , 2015, 90, 179-187.	4.2	232
116	Nontherapeutic Use of Antimicrobial Agents in Animal Agriculture: Implications for Pediatrics. <i>Pediatrics</i> , 2015, 136, e1670-e1677.	1.0	20
117	<i>State of the World 2015</i> . , 2015, , .		11
118	Occurrence of sulfonamide-, tetracycline-, plasmid-mediated quinolone- and macrolide-resistance genes in livestock feedlots in Northern China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 6932-6940.	2.7	80
119	Degenerate primer MOB typing of multiresistant clinical isolates of <i>E. coli</i> uncovers new plasmid backbones. <i>Plasmid</i> , 2015, 77, 17-27.	0.4	20
120	Long-term application of fresh and composted manure increase tetracycline resistance in the arable soil of eastern China. <i>Science of the Total Environment</i> , 2015, 506-507, 279-286.	3.9	139
121	Characterization of cefalexin degradation capabilities of two <i>Pseudomonas</i> strains isolated from activated sludge. <i>Journal of Hazardous Materials</i> , 2015, 282, 158-164.	6.5	58
122	Global risk of pharmaceutical contamination from highly populated developing countries. <i>Chemosphere</i> , 2015, 138, 1045-1055.	4.2	212
123	Joint antibacterial activity of soil-adsorbed antibiotics trimethoprim and sulfamethazine. <i>Science of the Total Environment</i> , 2015, 506-507, 58-65.	3.9	20
124	Conjugative multiple-antibiotic resistance plasmids in <i>Escherichia coli</i> isolated from environmental waters contaminated by human faecal wastes. <i>Journal of Applied Microbiology</i> , 2015, 118, 399-411.	1.4	14
125	The analysis of animal faeces as a tool to monitor antibiotic usage. <i>Talanta</i> , 2015, 132, 258-268.	2.9	134
126	9. Use of tetracyclines and $\beta$ -lactams in agriculture: Fate in the environment and occurrence of antibiotic-resistance determinants. , 2016, , 197-212.		0
127	Bacterial Communities and Antibiotic Resistance Communities in a Full-Scale Hospital Wastewater Treatment Plant by High-Throughput Pyrosequencing. <i>Water (Switzerland)</i> , 2016, 8, 580.	1.2	24
128	Soil bacteriological pollution in pig farm vicinity: Assessment of bacterial dynamics and detection of antimicrobial resistance gene. <i>African Journal of Microbiology Research</i> , 2016, 10, 1625-1636.	0.4	2
129	Genomic Microbial Epidemiology Is Needed to Comprehend the Global Problem of Antibiotic Resistance and to Improve Pathogen Diagnosis. <i>Frontiers in Microbiology</i> , 2016, 7, 843.	1.5	53



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130	Veterinary Medicine Needs New Green Antimicrobial Drugs. <i>Frontiers in Microbiology</i> , 2016, 7, 1196.	1.5	56
131	Review of Antimicrobial Resistance in the Environment and Its Relevance to Environmental Regulators. <i>Frontiers in Microbiology</i> , 2016, 7, 1728.	1.5	529
132	Colistin in Pig Production: Chemistry, Mechanism of Antibacterial Action, Microbial Resistance Emergence, and One Health Perspectives. <i>Frontiers in Microbiology</i> , 2016, 7, 1789.	1.5	172
133	Degradation of Tetracyclines in Pig Manure by Composting with Rice Straw. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 254.	1.2	25
134	A Comprehensive Analysis on Spread and Distribution Characteristic of Antibiotic Resistance Genes in Livestock Farms of Southeastern China. <i>PLoS ONE</i> , 2016, 11, e0156889.	1.1	31
135	Effect of Co-Composting Cattle Manure with Construction and Demolition Waste on the Archaeal, Bacterial, and Fungal Microbiota, and on Antimicrobial Resistance Determinants. <i>PLoS ONE</i> , 2016, 11, e0157539.	1.1	54
136	Assessing the Impact of Manure Application in Commercial Swine Farms on the Transmission of Antimicrobial Resistant Salmonella in the Environment. <i>PLoS ONE</i> , 2016, 11, e0164621.	1.1	46
137	Antibacterial Resistance in African Catfish Aquaculture: a Review. <i>Notulae Scientia Biologicae</i> , 2016, 8, 1-20.	0.1	5
138	Field-based evidence for copper contamination induced changes of antibiotic resistance in agricultural soils. <i>Environmental Microbiology</i> , 2016, 18, 3896-3909.	1.8	216
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140	Antimicrobial resistance in wildlife. <i>Journal of Applied Ecology</i> , 2016, 53, 519-529.	1.9	176
141	A multiplayer game: species of <i>Clostridium</i> , <i>Acinetobacter</i> , and <i>Pseudomonas</i> are responsible for the persistence of antibiotic resistance genes in manure-treated soils. <i>Environmental Microbiology</i> , 2016, 18, 3494-3508.	1.8	91
142	Antibiotics in Agroecosystems: Introduction to the Special Section. <i>Journal of Environmental Quality</i> , 2016, 45, 377-393.	1.0	67
143	Appearance of $\beta$ -lactam Resistance Genes in Agricultural Soils and Clinical Isolates over the 20th Century. <i>Scientific Reports</i> , 2016, 6, 21550.	1.6	119
144	Molecular Methods for Assessment of Antibiotic Resistance in Agricultural Ecosystems: Prospects and Challenges. <i>Journal of Environmental Quality</i> , 2016, 45, 441-453.	1.0	88
145	Fate of Antibiotics and Antibiotic Resistance during Digestion and Composting: A Review. <i>Journal of Environmental Quality</i> , 2016, 45, 537-545.	1.0	155
146	Impact of Veterinary Pharmaceuticals on the Agricultural Environment: A Re-inspection. <i>Reviews of Environmental Contamination and Toxicology</i> , 2016, 243, 89-148.	0.7	8
147	Bacteria play a more important role than nutrients in the accumulation of tetracycline resistance in manure-treated soil. <i>Biology and Fertility of Soils</i> , 2016, 52, 655-663.	2.3	25

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149	Fate of classical faecal bacterial markers and ampicillin-resistant bacteria in agricultural soils under Mediterranean climate after urban sludge amendment. <i>Science of the Total Environment</i> , 2016, 565, 200-210.	3.9	13
150	Aquaculture as yet another environmental gateway to the development and globalisation of antimicrobial resistance. <i>Lancet Infectious Diseases</i> , The, 2016, 16, e127-e133.	4.6	319
151	Seasonality of antibiotic prescriptions for outpatients and resistance genes in sewers and wastewater treatment plant outflow. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw060.	1.3	124
152	Do drying and rewetting cycles modulate effects of sulfadiazine spiked manure in soil?. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw066.	1.3	6
153	Discharge of swine wastes risks water quality and food safety: Antibiotics and antibiotic resistance genes from swine sources to the receiving environments. <i>Environment International</i> , 2016, 92-93, 210-219.	4.8	267
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