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**Call of the wild: antibiotic resistance genes in natural environ**

**DOI: 10.1038/nrmicro2312**

**Nature Reviews Microbiology, 2010, 8, 251-9.**

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1134	Clonal spread and interspecies transmission of clinically relevant ESBL-producing <i>Escherichia coli</i> of ST410--another successful pandemic clone?. <b>2016</b> , 92,	77
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799	The Effects of $\beta$ -Lactam Antibiotics on Surface Modifications of Multidrug-Resistant Escherichia coli: A Multiscale Approach. <b>2019</b> , 25, 135-150	11
798	Critical review of ARGs reduction behavior in various sludge and sewage treatment processes in wastewater treatment plants. <b>2019</b> , 49, 1623-1674	33
797	Degradation of antibiotics in multi-component systems with novel ternary AgBr/AgPO@natural hematite heterojunction photocatalyst under simulated solar light. <b>2019</b> , 371, 566-575	61
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795	Metagenome analysis and interpretation. <b>2019</b> , 139-160	1
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789	Metagenomic characterization of antibiotic resistance genes in Antarctic soils. <b>2019</b> , 176, 300-308	28
788	Plasmid binding to metal oxide nanoparticles inhibited lateral transfer of antibiotic resistance genes. <b>2019</b> , 6, 1310-1322	14
787	Outbreak of multidrug resistant Salmonella Typhimurium in calves at a veterinary hospital in Brazil. <b>2019</b> , 49,	3
786	Detection of the sul2-strA-strB gene cluster in an ice core from Dome Fuji Station, East Antarctica. <b>2019</b> , 17, 72-78	8
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781	Strategic Approach for Prioritising Local and Regional Sanitation Interventions for Reducing Global Antibiotic Resistance. <b>2019</b> , 11, 27	14
780	Removal of sulfonamide antibiotic resistant bacterial and intracellular antibiotic resistance genes by UVC-activated peroxymonosulfate. <b>2019</b> , 368, 888-895	33
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776	Molecular Features of Virulence and Resistance Mechanisms in Nosocomial and Community-Acquired <i>Staphylococcus aureus</i> . <b>2019</b> ,	1
775	Capturing the Resistome: a Targeted Capture Method To Reveal Antibiotic Resistance Determinants in Metagenomes. <b>2019</b> , 64,	29
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771	Antimicrobial activity of resveratrol-derived monomers and dimers against foodborne pathogens. <b>2019</b> , 9, 19525	28
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767	Evidence of colistin resistance genes ( and ) in wild birds and its public health implication in Egypt. <b>2019</b> , 8, 197	29
766	Dispersed GaOOH rods loaded on the surface of ZnBiNbO particles with enhanced photocatalytic activity toward enrofloxacin.. <b>2019</b> , 9, 32027-32033	3

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748	Understanding antimicrobial discovery and resistance from a metagenomic and metatranscriptomic perspective: advances and applications. <b>2019</b> , 11, 62-86	20

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741	Deciphering the role of cyanobacteria in water resistome: Hypothesis justifying the antibiotic resistance (phenotype and genotype) in <i>Planktothrix</i> genus. <b>2019</b> , 652, 447-454	11
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739	Bacteria and Antibiotic Resistance Genes (ARGs) in PM from China: Implications for Human Exposure. <b>2019</b> , 53, 963-972	66
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736	Occurrence of super antibiotic resistance genes in the downstream of the Yangtze River in China: Prevalence and antibiotic resistance profiles. <b>2019</b> , 651, 1946-1957	40
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730	Antibiotic usage, residues and resistance genes from food animals to human and environment: An Indian scenario. <b>2020</b> , 8, 102221	32

729	Variation pattern of antibiotic resistance genes and microbial community succession during swine manure composting under different aeration strategies. <b>2020</b> , 95, 466-473	14
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723	Biochar for Water and Soil Remediation: Production, Characterization, and Application. <b>2020</b> , 153-196	5
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709	ANTIBIOTIC RESISTANT BACTERIA IN WILDLIFE: PERSPECTIVES ON TRENDS, ACQUISITION AND DISSEMINATION, DATA GAPS, AND FUTURE DIRECTIONS. <b>2020</b> , 56, 1	44
708	Densities and inhibitory phenotypes among indigenous <i>Streptomyces</i> spp. vary across native and agricultural habitats. <b>2020</b> , 79, 694-705	3
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703	Microwave-assisted rapid and efficient synthesis of chromene-fused pyrrole derivatives through multicomponent reaction and evaluation of antibacterial activity with molecular docking investigation. <b>2020</b> , 57, 575-589	17
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629	Removal of antibiotic resistance genes (ARGs) in various wastewater treatment processes: An overview. <b>2020</b> , 1-60	19
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626	Resurrection of inactive microbes and resistome present in the natural frozen world: Reality or myth?. <b>2020</b> , 735, 139275	12
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613	Comparing the fate of antibiotic resistance genes in two full-scale thermophilic anaerobic digestion plants treating food wastewater. <b>2020</b> , 312, 123577	8
612	A survey of within-host and between-hosts modelling for antibiotic resistance. <b>2020</b> , 196, 104182	6
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608	New approaches for targeting drug resistance through drug combination. <b>2020</b> , 221-246	1
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606	Escherichia coli Antimicrobial Resistance Variability in Water Runoff and Soil from a Remnant Native Prairie, an Improved Pasture, and a Cultivated Agricultural Watershed. <b>2020</b> , 12, 1251	4
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600	Antimicrobial resistance genes in Andean foxes inhabiting anthropized landscapes in central Chile. <b>2020</b> , 724, 138247	8
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582	More effective removal of antibiotic resistance genes from excess sludge by microwave integrated fenton treatment. <b>2020</b> , 149, 104920	13
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514	Determination of antimicrobial concentration and associated risk in water sources in West Bengal state of India. <b>2021</b> , 193, 77	6

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411	Genome Analysis of Strains Isolated from Permafrost Soils Aged from 15 Thousand to 1.8 Million Years Revealed Their Close Relationships with Present-Day Environmental and Clinical Isolates. <b>2021</b> , 10,	0
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