

Ana Herrero-Fresno

List of Publications by Year in descending order

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28
papers

512
citations

623734

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677142

22
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28
all docs

28
docs citations

28
times ranked

822
citing authors

#	ARTICLE	IF	CITATIONS
1	Salmonella Typhimurium metabolism affects virulence in the host – A mini-review. Food Microbiology, 2018, 71, 98-110.	4.2	52
2	The Role of the st313-td Gene in Virulence of Salmonella Typhimurium ST313. PLoS ONE, 2014, 9, e84566.	2.5	48
3	The genetic diversity of commensal Escherichia coli strains isolated from non-antimicrobial treated pigs varies according to age group. PLoS ONE, 2017, 12, e0178623.	2.5	46
4	The Use of a Combined Bioinformatics Approach to Locate Antibiotic Resistance Genes on Plasmids From Whole Genome Sequences of Salmonella enterica Serovars From Humans in Ghana. Frontiers in Microbiology, 2018, 9, 1010.	3.5	38
5	Genomics of an emerging clone of Salmonella serovar Typhimurium ST313 from Nigeria and the Democratic Republic of Congo. Journal of Infection in Developing Countries, 2013, 7, 696-706.	1.2	30
6	Effect of Tetracycline Dose and Treatment Mode on Selection of Resistant Coliform Bacteria in Nursery Pigs. Applied and Environmental Microbiology, 2017, 83, .	3.1	29
7	High prevalence of mcr-1-encoded colistin resistance in commensal Escherichia coli from broiler chicken in Bangladesh. Scientific Reports, 2020, 10, 18637.	3.3	28
8	F4- and F18-Positive Enterotoxigenic Escherichia coli Isolates from Diarrhea of Postweaning Pigs: Genomic Characterization. Applied and Environmental Microbiology, 2020, 86, .	3.1	27
9	Genetic relatedness of commensal Escherichia coli from nursery pigs in intensive pig production in Denmark and molecular characterization of genetically different strains. Journal of Applied Microbiology, 2015, 119, 342-353.	3.1	26
10	Putrescine biosynthesis and export genes are essential for normal growth of avian pathogenic Escherichia coli. BMC Microbiology, 2018, 18, 226.	3.3	21
11	Co-occurrence of antimicrobial and metal resistance genes in pig feces and agricultural fields fertilized with slurry. Science of the Total Environment, 2021, 792, 148259.	8.0	21
12	Interaction Differences of the Avian Host-Specific Salmonella enterica Serovar Gallinarum, the Host-Generalist S. Typhimurium, and the Cattle Host-Adapted S. Dublin with Chicken Primary Macrophage. Infection and Immunity, 2019, 87, .	2.2	20
13	Apramycin treatment affects selection and spread of a multidrug-resistant Escherichia coli strain able to colonize the human gut in the intestinal microbiota of pigs. Veterinary Research, 2016, 47, 12.	3.0	18
14	The Homolog of the Gene bstA of the BTP1 Phage from Salmonella enterica Serovar Typhimurium ST313 Is an Antivirulence Gene in Salmonella enterica Serovar Dublin. Infection and Immunity, 2018, 86, .	2.2	15
15	Highly expressed amino acid biosynthesis genes revealed by global gene expression analysis of Salmonella enterica serovar Enteritidis during growth in whole egg are not essential for this growth. International Journal of Food Microbiology, 2016, 224, 40-46.	4.7	14
16	The impact of inactivation of the purine biosynthesis genes, purN and purT, on growth and virulence in uropathogenic E. coli. Molecular Biology Reports, 2018, 45, 2707-2716.	2.3	14
17	The membrane transporter PotE is required for virulence in avian pathogenic Escherichia coli (APEC). Veterinary Microbiology, 2018, 216, 38-44.	1.9	10
18	Genome-wide analysis of fitness-factors in uropathogenic Escherichia coli during growth in laboratory media and during urinary tract infections. Microbial Genomics, 2021, 7, .	2.0	9

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19	Omics Technologies - What Have They Told Us About Uropathogenic Escherichia coli Fitness and Virulence During Urinary Tract Infection?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 824039.	3.9	8
20	Analysis of the contribution of bacteriophage ST64B to in vitro virulence traits of Salmonella enterica serovar Typhimurium. <i>Journal of Medical Microbiology</i> , 2014, 63, 331-342.	1.8	7
21	Genotype variation and genetic relationship among Escherichia coli from nursery pigs located in different pens in the same farm. <i>BMC Microbiology</i> , 2017, 17, 5.	3.3	7
22	Effect of different oral oxytetracycline treatment regimes on selection of antimicrobial resistant coliforms in nursery pigs. <i>Veterinary Microbiology</i> , 2017, 208, 1-7.	1.9	6
23	Influence of zinc on CTX-M-1 β -lactamase expression in Escherichia coli. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 613-619.	2.2	6
24	Association of the prophage BTP1 and the prophage-encoded gene, <i>bstA</i> , with antivirulence of <i>Salmonella</i> Typhimurium ST313. <i>Pathogens and Disease</i> , 2020, 78, .	2.0	4
25	The Effect of Colistin Treatment on the Selection of Colistin-Resistant Escherichia coli in Weaner Pigs. <i>Antibiotics</i> , 2021, 10, 465.	3.7	3
26	Proteomes of Uropathogenic Escherichia coli Growing in Human Urine and in J82 Urinary Bladder Cells. <i>Proteomes</i> , 2022, 10, 15.	3.5	3
27	Effect of ampicillin, cephalexin, ceftiofur and tetracycline treatment on selection of resistant coliforms in a swine faecal microcosmos. <i>Journal of Applied Microbiology</i> , 2020, 129, 1238-1247.	3.1	2
28	A Plasmid-Encoded FetMP-Fls Iron Uptake System Confers Selective Advantages to Salmonella enterica Serovar Typhimurium in Growth under Iron-Restricted Conditions and for Infection of Mammalian Host Cells. <i>Microorganisms</i> , 2020, 8, 630.	3.6	0