

Ana Herrero-Fresno

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Proteomes of Uropathogenic Escherichia coli Growing in Human Urine and in J82 Urinary Bladder Cells. <i>Proteomes</i> , 2022, 10, 15.	3.5	3
3	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
4	Co-occurrence of antimicrobial and metal resistance genes in pig feces and agricultural fields fertilized with slurry. <i>Science of the Total Environment</i> , 2021, 792, 148259.	8.0	21
5	Genome-wide analysis of fitness-factors in uropathogenic Escherichia coli during growth in laboratory media and during urinary tract infections. <i>Microbial Genomics</i> , 2021, 7, .	2.0	9
6	High prevalence of mcr-1-encoded colistin resistance in commensal Escherichia coli from broiler chicken in Bangladesh. <i>Scientific Reports</i> , 2020, 10, 18637.	3.3	28
7	F4- and F18-Positive Enterotoxigenic Escherichia coli Isolates from Diarrhea of Postweaning Pigs: Genomic Characterization. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	27
8	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
9	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
10	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
11	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
12	Interaction Differences of the Avian Host-Specific Salmonella enterica Serovar Gallinarum, the Host-Generalist <i>S</i> . Typhimurium, and the Cattle Host-Adapted <i>S</i> . Dublin with Chicken Primary Macrophage. <i>Infection and Immunity</i> , 2019, 87, .	2.2	20
13	The membrane transporter PotE is required for virulence in avian pathogenic Escherichia coli (APEC). <i>Veterinary Microbiology</i> , 2018, 216, 38-44.	1.9	10
14	Salmonella Typhimurium metabolism affects virulence in the host – A mini-review. <i>Food Microbiology</i> , 2018, 71, 98-110.	4.2	52
15	The Homolog of the Gene <i>bstA</i> of the BTP1 Phage from Salmonella enterica Serovar Typhimurium ST313 Is an Antivirulence Gene in Salmonella enterica Serovar Dublin. <i>Infection and Immunity</i> , 2018, 86, .	2.2	15
16	Putrescine biosynthesis and export genes are essential for normal growth of avian pathogenic Escherichia coli. <i>BMC Microbiology</i> , 2018, 18, 226.	3.3	21
17	The impact of inactivation of the purine biosynthesis genes, purN and purT, on growth and virulence in uropathogenic E. coli. <i>Molecular Biology Reports</i> , 2018, 45, 2707-2716.	2.3	14
18	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. <i>Frontiers in Microbiology</i> , 2018, 9, 1010.	3.5	38

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19	Effect of Tetracycline Dose and Treatment Mode on Selection of Resistant Coliform Bacteria in Nursery Pigs. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	29
20	Genotype variation and genetic relationship among <i>Escherichia coli</i> from nursery pigs located in different pens in the same farm. <i>BMC Microbiology</i> , 2017, 17, 5.	3.3	7
21	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
22	The genetic diversity of commensal <i>Escherichia coli</i> strains isolated from non-antimicrobial treated pigs varies according to age group. <i>PLoS ONE</i> , 2017, 12, e0178623.	2.5	46
23	Apramycin treatment affects selection and spread of a multidrug-resistant <i>Escherichia coli</i> strain able to colonize the human gut in the intestinal microbiota of pigs. <i>Veterinary Research</i> , 2016, 47, 12.	3.0	18
24	Highly expressed amino acid biosynthesis genes revealed by global gene expression analysis of <i>Salmonella enterica</i> serovar Enteritidis during growth in whole egg are not essential for this growth. <i>International Journal of Food Microbiology</i> , 2016, 224, 40-46.	4.7	14
25	Genetic relatedness of commensal <i>Escherichia coli</i> from nursery pigs in intensive pig production in Denmark and molecular characterization of genetically different strains. <i>Journal of Applied Microbiology</i> , 2015, 119, 342-353.	3.1	26
26	Analysis of the contribution of bacteriophage ST64B to in vitro virulence traits of <i>Salmonella enterica</i> serovar Typhimurium. <i>Journal of Medical Microbiology</i> , 2014, 63, 331-342.	1.8	7
27	The Role of the st313-td Gene in Virulence of <i>Salmonella Typhimurium</i> ST313. <i>PLoS ONE</i> , 2014, 9, e84566.	2.5	48
28	Genomics of an emerging clone of <i>Salmonella</i> serovar Typhimurium ST313 from Nigeria and the Democratic Republic of Congo. <i>Journal of Infection in Developing Countries</i> , 2013, 7, 696-706.	1.2	30