Gustavo Dominguez-Bernal

List of Publications by Year
in descending order

44 papers	4,889 citations	430754 18 h-index	243529 44 g-index

44 all docs	44 docs citations	44 times ranked	4109 citing authors

#	Article	IF	Citations
1	Listeria Pathogenesis and Molecular Virulence Determinants. Clinical Microbiology Reviews, 2001, 14, 584-640.	5.7	1,892
2	Lysergic acid diethylamide- and mescaline-induced attenuation of the effect of punishment in the rat. Science, 1976, 192, 801-803.	6.0	1,415
3	Hpt, a bacterial homolog of the microsomal glucose- 6-phosphate translocase, mediates rapid intracellular proliferation in Listeria. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 431-436.	3.3	232
4	Pathogenicity islands and virulence evolution in Listeria. Microbes and Infection, 2001, 3, 571-584.	1.0	207
5	A Gly145Ser substitution in the transcriptional activator PrfA causes constitutive overexpression of virulence factors in Listeria monocytogenes. Journal of Bacteriology, 1997, 179, 1533-1540.	1.0	155
6	Transcriptional activation of virulence genes in wild-type strains of Listeria monocytogenes in response to a change in the extracellular medium composition. Research in Microbiology, 1996, 147, 371-384.	1.0	136
7	Regulation of Capsule Synthesis and Cell Motility in Salmonella enterica by the Essential Gene igaA. Genetics, 2002, 162, 1513-1523.	1.2	107
8	Repression of the RcsC-YojN-RcsB phosphorelay by the IgaA protein is a requisite for Salmonella virulence. Molecular Microbiology, 2004, 53, 1437-1449.	1.2	85
9	Mechanisms of resistance and susceptibility to experimental visceral leishmaniosis: BALB/c mouse versus syrian hamster model. Veterinary Research, 2011, 42, 39.	1.1	82
10	The smcL gene of Listeria ivanovii encodes a sphingomyelinase C that mediates bacterial escape from the phagocytic vacuole. Molecular Microbiology, 1999, 33, 510-523.	1.2	80
11	A spontaneous genomic deletion inListeria ivanoviiidentifies LIPI-2, a species-specific pathogenicity island encoding sphingomyelinase and numerous internalins. Molecular Microbiology, 2006, 59, 415-432.	1.2	58
12	A novel PrfA-regulated chromosomal locus, which is specific forListeria ivanovii, encodes two small, secreted internalins and contributes to virulence in mice. Molecular Microbiology, 1998, 30, 405-417.	1.2	43
13	Phenotypic and Genotypic Characterization of Antimicrobial Resistance in Enterohemorrhagic Escherichia Coli and Atypical Enteropathogenic E. Coli Strains from Ruminants. Journal of Veterinary Diagnostic Investigation, 2011, 23, 91-95.	0.5	34
14	SmcL, a novel membrane-damaging virulence factor in Listeria. International Journal of Medical Microbiology, 2000, 290, 369-374.	1.5	30
15	Simultaneous lack of catalase and beta-toxin in Staphylococcus aureus leads to increased intracellular survival in macrophages and epithelial cells and to attenuated virulence in murine and ovine models. Microbiology (United Kingdom), 2009, 155, 1505-1515.	0.7	27
16	The sulphydryl-activated cytolysin and a sphingomyelinase C are the major membrane-damaging factors involved in cooperative (CAMP-like) haemolysis of Listeria spp.. Research in Microbiology, 1995, 146, 303-313.	1.0	26
17	A longitudinal study of verotoxin-producing Escherichia coli in two dairy goat herds. Veterinary Microbiology, 2008, 132, 428-434.	0.8	25
18	Characterisation of the ex vivo virulence of Leishmania infantum isolates from Phlebotomus perniciosus from an outbreak of human leishmaniosis in Madrid, Spain. Parasites and Vectors, 2014, 7, 499.	1.0	20

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19	HisAK70: progress towards a vaccine against different forms of leishmaniosis. Parasites and Vectors, 2015, 8, 629.	1.0	19
20	Salmonella enterica serovar Choleraesuis derivatives harbouring deletions in rpoS and phoP regulatory genes are attenuated in pigs, and survive and multiply in porcine intestinal macrophages and fibroblasts, respectively. Veterinary Microbiology, 2008, 130, 298-311.	0.8	18
21	Characterization of Fluoroquinolone Resistance in Escherichia Coli Strains from Ruminants. Journal of Veterinary Diagnostic Investigation, 2008, 20, 342-345.	0.5	17
22	Staphylococcus aureus subsp. anaerobius isolates from different countries are clonal in nature. Veterinary Microbiology, 2011, 150, 198-202.	0.8	16
23	UCP2 Deficiency Helps to Restrict the Pathogenesis of Experimental Cutaneous and Visceral Leishmaniosis in Mice. PLoS Neglected Tropical Diseases, 2013, 7, e2077.	1.3	15
24	Subtilase Cytotoxin-Coding Genes in Verotoxin-Producing Escherichia coli Strains from Sheep and Goats Differ from Those from Cattle. Applied and Environmental Microbiology, 2011, 77, 8259-8264.	1.4	14
25	Comparison of ruminant and human attaching and effacing Escherichia coli (AEEC) strains. Veterinary Microbiology, 2012, 155, 341-348.	0.8	13
26	Immunization with the HisAK70 DNA Vaccine Induces Resistance against Leishmania Amazonensis Infection in BALB/c Mice. Vaccines, 2019, 7, 183.	2.1	13
27	Mitigating an undesirable immune response of inherent susceptibility to cutaneous leishmaniosis in a mouse model: the role of the pathoantigenic HISA70 DNA vaccine. Veterinary Research, 2012, 43, 59.	1.1	12
28	Alternative strategy for visceral leishmaniosis control: HisAK70-Salmonella Choleraesuis-pulsed dendritic cells. Comparative Immunology, Microbiology and Infectious Diseases, 2017, 54, 13-19.	0.7	12
29	Salmonella enterica serovar Choleraesuis derivatives harbouring deletions in rpoS and phoP regulatory genes as vehicles for DNA vaccines. Veterinary Microbiology, 2010, 141, 81-88.	0.8	10
30	Restoring catalase activity inStaphylococcus aureussubsp.anaerobiusleads to loss of pathogenicity for lambs. Veterinary Research, 2010, 41, 41.	1.1	10
31	Properties of virulence emergence ofLeishmania infantumisolates fromPhlebotomus perniciosuscollected during the human leishmaniosis outbreak in Madrid, Spain. Hepatic histopathology and immunological parameters as virulence markers in the mouse model. Transboundary and Emerging Diseases, 2021, 68, 704-714.	1.3	9
32	Streptococcus ovuberis sp. nov., isolated from a subcutaneous abscess in the udder of a sheep. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4340-4344.	0.8	9
33	Association of Vt1C with Verotoxin-Producing Escherichia Coli from Goats and Sheep. Journal of Veterinary Diagnostic Investigation, 2010, 22, 332-334.	0.5	8
34	Strength and medium-term impact of HisAK70 immunization in dogs: Vaccine safety and biomarkers of effectiveness for ex vivo Leishmania infantum infection. Comparative Immunology, Microbiology and Infectious Diseases, 2019, 65, 137-143.	0.7	7
35	Labelâ€free bioanalysis of Leishmania infantum using refractive index tomography with partially coherent illumination. Journal of Biophotonics, 2019, 12, e201900030.	1.1	6
36	Engineering of a live Salmonella enterica serovar Choleraesuis negative-marker strain that allows serological differentiation between immunised and infected animals. Veterinary Journal, 2016, 213, 53-58.	0.6	4

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37	Raccoons (Procyon lotor) in the Madrid region of Spain are carriers of antimicrobialâ€resistant Escherichia coli and enteropathogenic E.Âcoli. Zoonoses and Public Health, 2021, 68, 69-78.	0.9	4
38	A further investigation of the leishmaniosis outbreak in Madrid (Spain): low-infectivity phenotype of the Leishmania infantum BOS1FL1 isolate to establish infection in canine cells. Veterinary Immunology and Immunopathology, 2020, 230, 110148.	0.5	4
39	Transcriptomic Profile of Canine DH82 Macrophages Infected by Leishmania infantum Promastigotes with Different Virulence Behavior. International Journal of Molecular Sciences, 2022, 23, 1466.	1.8	4
40	Subtilase cytotoxin-encoding subAB2 variants in verotoxin-producing Escherichia coli strains isolated from goats and sheep. Research in Veterinary Science, 2016, 105, 74-76.	0.9	3
41	Short communication: Isolation frequency of bacteria causing lymphadenitis and abscesses in small ruminants in central Spain. Small Ruminant Research, 2017, 154, 5-8.	0.6	3
42	Epitope Selection for Fighting Visceral Leishmaniosis: Not All Peptides Function the Same Way. Vaccines, 2020, 8, 352.	2.1	2
43	Differences in virulence gene expression between atypical enteropathogenic Escherichia coli strains isolated from diarrheic and healthy ruminants. Canadian Journal of Veterinary Research, 2013, 77, 158-60.	0.2	2
44	Ruminants are not a reservoir of enteroaggregative Escherichia coli. Austral Journal of Veterinary Sciences, 2017, 49, 25-26.	0.2	1