

Gustavo Dominguez-Bernal

List of Publications by Year in descending order

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44
papers

4,889
citations

430442

18
h-index

243296

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

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

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