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List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,090
citations

257450

24
h-index

361022

35
g-index

35
all docs

35
docs citations

35
times ranked

1646
citing authors

#	ARTICLE	IF	CITATIONS
1	A two-component regulatory system playing a critical role in plant pathogens and endosymbionts is present in <i>Brucella abortus</i> and controls cell invasion and virulence. <i>Molecular Microbiology</i> , 1998, 29, 125-138.	2.5	264
2	Rough vaccines in animal brucellosis: Structural and genetic basis and present status. <i>Veterinary Research</i> , 2004, 35, 1-38.	3.0	240
3	What have we learned from brucellosis in the mouse model?. <i>Veterinary Research</i> , 2012, 43, 29.	3.0	210
4	Brucellosis Vaccines: Assessment of <i>Brucella melitensis</i> Lipopolysaccharide Rough Mutants Defective in Core and O-Polysaccharide Synthesis and Export. <i>PLoS ONE</i> , 2008, 3, e2760.	2.5	159
5	Spatial distribution and risk factors of Brucellosis in Iberian wild ungulates. <i>BMC Infectious Diseases</i> , 2010, 10, 46.	2.9	125
6	Control and Eradication of <i>Brucella melitensis</i> Infection in Sheep and Goats. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2011, 27, 95-104.	1.2	107
7	Neurobrucellosis in Stranded Dolphins, Costa Rica. <i>Emerging Infectious Diseases</i> , 2008, 14, 1430-1433.	4.3	84
8	A review of the basis of the immunological diagnosis of ruminant brucellosis. <i>Veterinary Immunology and Immunopathology</i> , 2016, 171, 81-102.	1.2	75
9	A systematic review of current immunological tests for the diagnosis of cattle brucellosis. <i>Preventive Veterinary Medicine</i> , 2018, 151, 57-72.	1.9	75
10	Pathogenic <i>Brucellae</i> Replicate in Human Trophoblasts. <i>Journal of Infectious Diseases</i> , 2013, 207, 1075-1083.	4.0	69
11	Comparison of Multiple-Locus Variable-Number Tandem-Repeat Analysis with Other PCR-Based Methods for Typing <i>Brucella suis</i> Isolates. <i>Journal of Clinical Microbiology</i> , 2007, 45, 4070-4072.	3.9	63
12	Rough mutants defective in core and O-polysaccharide synthesis and export induce antibodies reacting in an indirect ELISA with smooth lipopolysaccharide and are less effective than Rev 1 vaccine against <i>Brucella melitensis</i> infection of sheep. <i>Vaccine</i> , 2009, 27, 1741-1749.	3.8	61
13	DNA polymorphism analysis of <i>Brucella</i> lipopolysaccharide genes reveals marked differences in O-polysaccharide biosynthetic genes between smooth and rough <i>Brucella</i> species and novel species-specific markers. <i>BMC Microbiology</i> , 2009, 9, 92.	3.3	50
14	Development and evaluation as vaccines in mice of <i>Brucella melitensis</i> Rev.1 single and double deletion mutants of the bp26 and omp31 genes coding for antigens of diagnostic significance in ovine brucellosis. <i>Vaccine</i> , 2004, 22, 2827-2835.	3.8	42
15	Increases of efficacy as vaccine against <i>Brucella abortus</i> infection in mice by simultaneous inoculation with avirulent smooth bvrS/bvrR and rough wbkA mutants. <i>Vaccine</i> , 2006, 24, 2910-2916.	3.8	41
16	<i>Brucella cetii</i> infection in dolphins from the Western Mediterranean sea. <i>BMC Veterinary Research</i> , 2014, 10, 206.	1.9	40
17	<i>Brucella</i> outer membrane complex-loaded microparticles as a vaccine against <i>Brucella ovis</i> in rams. <i>Vaccine</i> , 2006, 24, 1897-1905.	3.8	38
18	Immunopathological responses and kinetics of <i>Brucella melitensis</i> Rev 1 infection after subcutaneous or conjunctival vaccination in rams. <i>Vaccine</i> , 2008, 26, 2562-2569.	3.8	36

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19	Encapsulation of antigenic extracts of <i>Salmonella enterica</i> serovar. <i>Veterinary Microbiology</i> , 2006, 118, 124-132.	1.9	32
20	Phylogeography and epidemiology of <i>Brucella suis</i> biovar 2 in wildlife and domestic swine. <i>Veterinary Microbiology</i> , 2019, 233, 68-77.	1.9	29
21	Evaluation of particulate acellular vaccines against <i>Brucella ovis</i> infection in rams. <i>Vaccine</i> , 2010, 28, 3038-3046.	3.8	28
22	Comparative performance of lateral flow immunochromatography, iELISA and Rose Bengal tests for the diagnosis of cattle, sheep, goat and swine brucellosis. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007509.	3.0	28
23	Residual virulence and immunogenicity of CGV26 and CGV2631 <i>B. melitensis</i> Rev. 1 deletion mutant strains in sheep after subcutaneous or conjunctival vaccination. <i>Vaccine</i> , 2006, 24, 3461-3468.	3.8	25
24	Development of a multiplex PCR assay for polymorphism analysis of <i>Brucella suis</i> biovars causing brucellosis in swine. <i>Veterinary Microbiology</i> , 2006, 115, 269-277.	1.9	25
25	Experiments on a sub-unit vaccine encapsulated in microparticles and its efficacy against <i>Brucella melitensis</i> in mice. <i>Vaccine</i> , 2006, 24, 4179-4187.	3.8	24
26	Assessment of performance of selected serological tests for diagnosing brucellosis in pigs. <i>Veterinary Immunology and Immunopathology</i> , 2012, 146, 150-158.	1.2	22
27	Differential expression of inflammatory and immune response genes in rams experimentally infected with a rough virulent strain of <i>Brucella ovis</i> . <i>Veterinary Immunology and Immunopathology</i> , 2009, 127, 295-303.	1.2	21
28	Spontaneous Excision of the O-Polysaccharide <i>wbkA</i> Glycosyltransferase Gene Is a Cause of Dissociation of Smooth to Rough <i>Brucella</i> Colonies. <i>Journal of Bacteriology</i> , 2012, 194, 1860-1867.	2.2	18
29	Evaluation of <i>Brucella abortus</i> S19 vaccine strains by bacteriological tests, molecular analysis of ery loci and virulence in BALB/c mice. <i>Biologicals</i> , 2005, 33, 153-160.	1.4	16
30	Facing the Human and Animal Brucellosis Conundrums: The Forgotten Lessons. <i>Microorganisms</i> , 2022, 10, 942.	3.6	14
31	Gene expression changes in spleens of the wildlife reservoir species, Eurasian wild boar (<i>Sus scrofa</i>), naturally infected with <i>Brucella suis</i> biovar 2. <i>Journal of Genetics and Genomics</i> , 2010, 37, 725-736.	3.9	10
32	GFP tagging of <i>Brucella melitensis</i> Rev1 allows the identification of vaccinated sheep. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 505-516.	3.0	7
33	Evaluation of eryC as a Molecular Marker for the Quantitative Detection of <i>Brucella</i> Spp. by Real-Time PCR in Food Samples. <i>Food Analytical Methods</i> , 2017, 10, 1148-1155.	2.6	5
34	Characterization of possible correlates of protective response against <i>Brucella ovis</i> infection in rams immunized with the <i>B. melitensis</i> Rev 1 vaccine. <i>Vaccine</i> , 2009, 27, 3039-3044.	3.8	4
35	Efficacy of <i>Brucella abortus</i> S19 and RB51 vaccine strains: A systematic review and meta-analysis. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 1670-1673.	3.0	3