Edgardo Moreno

List of Publications by Year
in descending order

64 papers	5,430 citations	109321 35 h-index	114465 63 g-index
65 all docs	65 docs citations	65 times ranked	3167 citing authors

#	Article	IF	Citations
1	<i>Brucella</i>Evades Macrophage Killing via VirB-dependent Sustained Interactions with the Endoplasmic Reticulum. Journal of Experimental Medicine, 2003, 198, 545-556.	8.5	502
2	<i>Brucella abortus</i> Transits through the Autophagic Pathway and Replicates in the Endoplasmic Reticulum of Nonprofessional Phagocytes. Infection and Immunity, 1998, 66, 5711-5724.	2.2	379
3	Brucella abortus Uses a Stealthy Strategy to Avoid Activation of the Innate Immune System during the Onset of Infection. PLoS ONE, 2007, 2, e631.	2.5	281
4	A twoâ€component regulatory system playing a critical role in plant pathogens and endosymbionts is present inBrucella abortusand controls cell invasion and virulence. Molecular Microbiology, 1998, 29, 125-138.	2.5	264
5	Brucella intracellular life: from invasion to intracellular replication. Veterinary Microbiology, 2002, 90, 281-297.	1.9	263
6	Cyclic Î^{2}-1,2-glucan is a brucella virulence factor required for intracellular survival. Nature Immunology, 2005, 6, 618-625.	14.5	241
7	Rough vaccines in animal brucellosis: Structural and genetic basis and present status. Veterinary Research, 2004, 35, 1-38.	3.0	240
8	An evolutionary strategy for a stealthy intracellular <i>Brucella</i> pathogen. Immunological Reviews, 2011, 240, 211-234.	6.0	225
9	Retrospective and prospective perspectives on zoonotic brucellosis. Frontiers in Microbiology, 2014, 5, 213.	3.5	214
10	What have we learned from brucellosis in the mouse model?. Veterinary Research, 2012, 43, 29.	3.0	210
11	Brucella melitensis: A nasty bug with hidden credentials for virulence. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1-3.	7.1	209
12	Brucella evolution and taxonomy. Veterinary Microbiology, 2002, 90, 209-227.	1.9	199
13	Bactericidal activity of Lys49 and Asp49 myotoxic phospholipases A2 from Bothrops asper snake venom . Synthetic Lys49 myotoxin II-(115-129)-peptide identifies its bactericidal region. FEBS Journal, 1998, 253, 452-461.	0.2	161
14	The Lipopolysaccharide Core of Brucella abortus Acts as a Shield Against Innate Immunity Recognition. PLoS Pathogens, 2012, 8, e1002675.	4.7	140
15	Brucella ceti and Brucellosis in Cetaceans. Frontiers in Cellular and Infection Microbiology, 2012, 2, 3.	3.9	110
16	Intracellular Adaptation of Brucella abortus. Journal of Proteome Research, 2009, 8, 1594-1609.	3.7	100
17	MyD88, but Not Toll-Like Receptors 4 and 2, Is Required for Efficient Clearance of Brucella abortus. Infection and Immunity, 2005, 73, 5137-5143.	2.2	99
18	GTPases of the Rho Subfamily Are Required for Brucella abortus Internalization in Nonprofessional Phagocytes. Journal of Biological Chemistry, 2001, 276, 44435-44443.	3.4	95

#	Article	IF	Citations
19	Neurobrucellosis in Stranded Dolphins, Costa Rica. Emerging Infectious Diseases, 2008, 14, 1430-1433.	4.3	84
20	<i>Brucella abortus</i> Lipopolysaccharide in Murine Peritoneal Macrophages Acts as a Down-Regulator of T Cell Activation. Journal of Immunology, 2000, 165, 5202-5210.	0.8	83
21	Extensive Cell Envelope Modulation Is Associated with Virulence inBrucella abortus. Journal of Proteome Research, 2007, 6, 1519-1529.	3.7	82
22	The Genus Brucella. , 2006, , 315-456.		75
23	Genome evolution within the alphaProteobacteria: why do some bacteria not possess plasmids and others exhibit more than one different chromosome?: Figure 1. FEMS Microbiology Reviews, 1998, 22, 255-275.	8.6	65
24	The Two-Component System BvrR/BvrS Regulates the Expression of the Type IV Secretion System VirB in<i>Brucella abortus</i>. Journal of Bacteriology, 2010, 192, 5603-5608.	2.2	64
25	The Differential Interaction of Brucella and Ochrobactrum with Innate Immunity Reveals Traits Related to the Evolution of Stealthy Pathogens. PLoS ONE, 2009, 4, e5893.	2.5	60
26	Nucleotide sequence of the 16S rRNA fromBrucella abortus. Nucleic Acids Research, 1989, 17, 1765-1765.	14.5	57
27	Activation of Rho and Rab GTPases dissociatesBrucella abortusinternalization from intracellular trafficking. Cellular Microbiology, 2002, 4, 663-676.	2.1	55
28	Brucella abortus Induces the Premature Death of Human Neutrophils through the Action of Its Lipopolysaccharide. PLoS Pathogens, 2015, 11, e1004853.	4.7	52
29	Brucellosis in Central America. Veterinary Microbiology, 2002, 90, 31-38.	1.9	49
30	BvrR/BvrS-Controlled Outer Membrane Proteins Omp3a and Omp3b Are Not Essential for<i>Brucella abortus</i>Virulence. Infection and Immunity, 2007, 75, 4867-4874.	2.2	45
31	Brucella cetiinfection in dolphins from the Western Mediterranean sea. BMC Veterinary Research, 2014, 10, 206.	1.9	40
32	<i>Brucella neotomae</i>Infection in Humans, Costa Rica. Emerging Infectious Diseases, 2017, 23, 997-1000.	4.3	40
33	Characterization of Brucella abortus lipopolysaccharide macrodomains as mega rafts. Cellular Microbiology, 2006, 8, 197-206.	2.1	39
34	Brucella canis Is an Intracellular Pathogen That Induces a Lower Proinflammatory Response than Smooth Zoonotic Counterparts. Infection and Immunity, 2015, 83, 4861-4870.	2.2	39
35	Neutrophils Exert a Suppressive Effect on Th1 Responses to Intracellular Pathogen Brucella abortus. PLoS Pathogens, 2013, 9, e1003167.	4.7	37
36	Brucella abortus Strain 2308 Wisconsin Genome: Importance of the Definition of Reference Strains. Frontiers in Microbiology, 2016, 7, 1557.	3.5	37

#	Article	IF	Citations
37	Brucella abortus Ornithine Lipids Are Dispensable Outer Membrane Components Devoid of a Marked Pathogen-Associated Molecular Pattern. PLoS ONE, 2011, 6, e16030.	2.5	36
38	Brucella Î² 1,2 Cyclic Glucan Is an Activator of Human and Mouse Dendritic Cells. PLoS Pathogens, 2012, 8, e1002983.	4.7	35
39	Brucella Genomics: Macro and Micro Evolution. International Journal of Molecular Sciences, 2020, 21, 7749.	4.1	34
40	The one hundred year journey of the genus <i>Brucella</i> (Meyer and Shaw 1920). FEMS Microbiology Reviews, 2021, 45, .	8.6	30
41	Brucella Genetic Variability in Wildlife Marine Mammals Populations Relates to Host Preference and Ocean Distribution. Genome Biology and Evolution, 2017, 9, 1901-1912.	2.5	26
42	Brucella abortus Senses the Intracellular Environment through the BvrR/BvrS Two-Component System, Which Allows B. abortus To Adapt to Its Replicative Niche. Infection and Immunity, 2018, 86, .	2.2	26
43	Brucellosis in mammals of Costa Rica: An epidemiological survey. PLoS ONE, 2017, 12, e0182644.	2.5	25
44	Neutrophils as Trojan Horse Vehicles for Brucella abortus Macrophage Infection. Frontiers in Immunology, 2019, 10, 1012.	4.8	25
45	Serological Diagnosis of Brucella Infections in Odontocetes. Vaccine Journal, 2009, 16, 906-915.	3.1	24
46	Persistence of <i>Brucella abortus</i> in the Bone Marrow of Infected Mice. Journal of Immunology Research, 2018, 2018, 1-8.	2.2	23
47	Is Brucella an enteric pathogen?. Nature Reviews Microbiology, 2009, 7, 250-250.	28.6	20
48	Brucellosis caused by the wood rat pathogen Brucella neotomae: two case reports. Journal of Medical Case Reports, 2017, 11, 352.	0.8	20
49	Epidemiology of bovine brucellosis in Costa Rica: Lessons learned from failures in the control of the disease. PLoS ONE, 2017, 12, e0182380.	2.5	19
50	The Role of Neutrophils in Brucellosis. Microbiology and Molecular Biology Reviews, 2020, 84, .	6.6	19
51	Pathogenicity and Its Implications in Taxonomy: The Brucella and Ochrobactrum Case. Pathogens, 2022, 11, 377.	2.8	19
52	Genetic and Phenotypic Characterization of the Etiological Agent of Canine Orchiepididymitis Smooth Brucella sp. BCCN84.3. Frontiers in Veterinary Science, 2019, 6, 175.	2.2	18
53	The use of green fluorescent protein as a marker for Brucella vaccines. Vaccine, 2011, 29, 577-582.	3.8	15
54	Facing the Human and Animal Brucellosis Conundrums: The Forgotten Lessons. Microorganisms, 2022, 10, 942.	3.6	14

#	Article	IF	Citations
55	Persistence of Brucella abortus lineages revealed by genomic characterization and phylodynamic analysis. PLoS Neglected Tropical Diseases, 2020, 14, e0008235.	3.0	13
56	Intracellular Passage Triggers a Molecular Response in Brucella abortus That Increases Its Infectiousness. Infection and Immunity, 2021, 89, e0000421.	2.2	11
57	Neutrophils Dampen Adaptive Immunity in Brucellosis. Infection and Immunity, 2019, 87, .	2.2	10
58	N-Formyl-Perosamine Surface Homopolysaccharides Hinder the Recognition of Brucella abortus by Mouse Neutrophils. Infection and Immunity, 2016, 84, 1712-1721.	2.2	8
59	Brucella sp. sequence-type 27 associated with abortion in dwarf sperm whale Kogia sima. European Journal of Wildlife Research, 2021, 67, 1.	1.4	6
60	Purification of Intracellular Bacteria: Isolation of Viable Brucella abortus from Host Cells. Methods in Molecular Biology, 2014, 1197, 245-260.	0.9	4
61	Pathological Studies and Postmortem Computed Tomography of Dolphins with Meningoencephalomyelitis and Osteoarthritis Caused by Brucella ceti. Oceans, 2022, 3, 189-203.	1.3	4
62	Depletion of Complement Enhances the Clearance of Brucella abortus in Mice. Infection and Immunity, 2018, 86, .	2.2	2
63	Canine brucellosis in Costa Rica reveals widespread Brucella canis infection and the recent introduction of foreign strains. Veterinary Microbiology, 2021, 257, 109072.	1.9	2
64	Platelet depletion does not alter the course of Brucella abortus infection in vivo. Microbial Pathogenesis, 2022, 164, 105458.	2.9	1