Caterina Guzman-Verri

List of Publications by Year
in descending order

54 papers	2,024 citations	257450 24 h-index	243625 44 g-index

61 all docs	61 docs citations	61 times ranked	1562 citing authors

#	Article	IF	Citations
1	Pathological Studies and Postmortem Computed Tomography of Dolphins with Meningoencephalomyelitis and Osteoarthritis Caused by Brucella ceti. Oceans, 2022, 3, 189-203.	1.3	4
2	Intracellular Passage Triggers a Molecular Response in Brucella abortus That Increases Its Infectiousness. Infection and Immunity, 2021, 89, e0000421.	2.2	11
3	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
4	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
5	A Sinorhizobium meliloti and Agrobacterium tumefaciens ExoR ortholog is not crucial for Brucella abortus virulence. PLoS ONE, 2021, 16, e0254568.	2.5	5
6	Brucella abortus S19 GFP-tagged vaccine allows the serological identification of vaccinated cattle. PLoS ONE, 2021, 16, e0260288.	2.5	6
7	Avances de la bioinformÃ¡tica en Costa Rica: vista retrospectiva y perspectivas. Revista De Biologia Tropical, 2021, 69, 1204-1223.	0.4	0
8	Brucella Genomics: Macro and Micro Evolution. International Journal of Molecular Sciences, 2020, 21, 7749.	4.1	34
9	Molecular characterization of Brucella ovis in Argentina. Veterinary Microbiology, 2020, 245, 108703.	1.9	2
10	Persistence of Brucella abortus lineages revealed by genomic characterization and phylodynamic analysis. PLoS Neglected Tropical Diseases, 2020, 14, e0008235.	3.0	13
11	Title is missing!. , 2020, 14, e0008235.		0
12	Title is missing!. , 2020, 14, e0008235.		0
13	Title is missing!. , 2020, 14, e0008235.		0
14	Title is missing!. , 2020, 14, e0008235.		0
15	Title is missing!. , 2020, 14, e0008235.		0
16	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
17	Combined electrokinetic manipulations of pathogenic bacterial samples in low-cost fabricated dielectrophoretic devices. AIP Advances, 2019, 9, 115303.	1.3	4
18	Brucella sequence Type 27 isolated from Dwarf Sperm Whale (Kogia sima) stranded in the Costa Rican Pacific Coast. Access Microbiology, 2019, 1, .	0.5	2

#	Article	IF	Citations
19	Two Groups of Cocirculating, Epidemic Clostridiodes difficile Strains Microdiversify through Different Mechanisms. Genome Biology and Evolution, 2018, 10, 982-998.	2.5	8
20	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
21	Whole genome sequencing of Shigella sonnei through PulseNet Latin America and Caribbean: advancing global surveillance of foodborne illnesses. Clinical Microbiology and Infection, 2017, 23, 845-853.	6.0	37
22	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
23	Analysis of the association between density ofHelicobacterspp and gastric lesions in dogs. American Journal of Veterinary Research, 2017, 78, 1414-1420.	0.6	11
24	Human Brucella melitensis infections in southern Vietnam. Clinical Microbiology and Infection, 2017, 23, 788-790.	6.0	9
25	Brucella neotomaeInfection in Humans, Costa Rica. Emerging Infectious Diseases, 2017, 23, 997-1000.	4.3	40
26	Brucellosis in mammals of Costa Rica: An epidemiological survey. PLoS ONE, 2017, 12, e0182644.	2.5	25
27	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
28	Brucellosis caused by the wood rat pathogen Brucella neotomae: two case reports. Journal of Medical Case Reports, 2017, 11, 352.	0.8	20
29	Sequence analysis of the hypervariable region in hmtp210 of Avibacterium paragallinarum. Journal of Veterinary Medical Science, 2017, 79, 1210-1214.	0.9	6
30	Brucella abortus Strain 2308 Wisconsin Genome: Importance of the Definition of Reference Strains. Frontiers in Microbiology, 2016, 7, 1557.	3.5	37
31	Analysis of TcdB Proteins within the Hypervirulent Clade 2 Reveals an Impact of RhoA Glucosylation on Clostridium difficile Proinflammatory Activities. Infection and Immunity, 2016, 84, 856-865.	2.2	26
32	Brucella abortus Induces the Premature Death of Human Neutrophils through the Action of Its Lipopolysaccharide. PLoS Pathogens, 2015, 11, e1004853.	4.7	52
33	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
34	Emergence of an Outbreak-Associated Clostridium difficile Variant with Increased Virulence. Journal of Clinical Microbiology, 2015, 53, 1216-1226.	3.9	65
35	Brucella cetiinfection in dolphins from the Western Mediterranean sea. BMC Veterinary Research, 2014, 10, 206.	1.9	40
36	Purification of Intracellular Bacteria: Isolation of Viable Brucella abortus from Host Cells. Methods in Molecular Biology, 2014, 1197, 245-260.	0.9	4

#	Article	IF	Citations
37	Brucella ceti and Brucellosis in Cetaceans. Frontiers in Cellular and Infection Microbiology, 2012, 2, 3.	3.9	110
38	The use of green fluorescent protein as a marker for Brucella vaccines. Vaccine, 2011, 29, 577-582.	3.8	15
39	New Bruce-ladder multiplex PCR assay for the biovar typing of Brucella suis and the discrimination of Brucella suis and Brucella canis. Veterinary Microbiology, 2011, 154, 152-155.	1.9	129
40	Pathology of Striped Dolphins (Stenella coeruleoalba) Infected with Brucella ceti. Journal of Comparative Pathology, 2010, 142, 347-352.	0.4	68
41	The Two-Component System BvrR/BvrS Regulates the Expression of the Type IV Secretion System VirB inBrucella abortus. Journal of Bacteriology, 2010, 192, 5603-5608.	2.2	64
42	Serological Diagnosis of Brucella Infections in Odontocetes. Vaccine Journal, 2009, 16, 906-915.	3.1	24
43	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
44	Intracellular Adaptation of Brucella abortus. Journal of Proteome Research, 2009, 8, 1594-1609.	3.7	100
45	Neurobrucellosis in Stranded Dolphins, Costa Rica. Emerging Infectious Diseases, 2008, 14, 1430-1433.	4.3	84
46	BvrR/BvrS-Controlled Outer Membrane Proteins Omp3a and Omp3b Are Not Essential forBrucella abortusVirulence. Infection and Immunity, 2007, 75, 4867-4874.	2.2	45
47	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
48	R-Ras Glucosylation and Transient RhoA Activation Determine the Cytopathic Effect Produced by Toxin B Variants from Toxin A-negative Strains of Clostridium difficile. Journal of Biological Chemistry, 2003, 278, 7956-7963.	3.4	57
49	The two-component system BvrR/BvrS essential for Brucella abortus virulence regulates the expression of outer membrane proteins with counterparts in members of the Rhizobiaceae. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12375-12380.	7.1	151
50	Regulation of Brucella virulence by the two-component system BvrR/BvrS. Veterinary Microbiology, 2002, 90, 329-339.	1.9	75
51	Activation of Rho and Rab GTPases dissociatesBrucella abortusinternalization from intracellular trafficking. Cellular Microbiology, 2002, 4, 663-676.	2.1	55
52	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
53	In Vivo Proteolytic Degradation of the Escherichia coli Acyltransferase HlyC. Journal of Biological Chemistry, 2001, 276, 16660-16666.	3.4	2
54	Incomplete activation of Escherichia coli hemolysin (HlyA) due to mutations in the 3' region of hlyC. Journal of Bacteriology, 1997, 179, 5959-5962.	2.2	8