

Maite Iriarte

List of Publications by Year in descending order

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46
papers

3,116
citations

186265

28
h-index

233421

45
g-index

47
all docs

47
docs citations

47
times ranked

1791
citing authors

#	ARTICLE	IF	CITATIONS
1	The Virulence Plasmid of <i>Yersinia</i> , an Antihost Genome. <i>Microbiology and Molecular Biology Reviews</i> , 1998, 62, 1315-1352.	6.6	715
2	YopT, a new <i>Yersinia</i> Yop effector protein, affects the cytoskeleton of host cells. <i>Molecular Microbiology</i> , 1998, 29, 915-929.	2.5	237
3	Status of YopM and YopN in the <i>Yersinia</i> Yop virulon: YopM of <i>Y. enterocolitica</i> is internalized inside the cytosol of PU5-1.8 macrophages by the YopB, D, N delivery apparatus. <i>EMBO Journal</i> , 1996, 15, 5191-5201.	7.8	177
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	TyeA, a protein involved in control of Yop release and in translocation of <i>Yersinia</i> Yop effectors. <i>EMBO Journal</i> , 1998, 17, 1907-1918.	7.8	149
6	The Lipopolysaccharide Core of <i>Brucella abortus</i> Acts as a Shield Against Innate Immunity Recognition. <i>PLoS Pathogens</i> , 2012, 8, e1002675.	4.7	140
7	Virulence and arsenic resistance in <i>Yersinia</i> . <i>Journal of Bacteriology</i> , 1997, 179, 612-619.	2.2	121
8	Status of YopM and YopN in the <i>Yersinia</i> Yop virulon: YopM of <i>Y. enterocolitica</i> is internalized inside the cytosol of PU5-1.8 macrophages by the YopB, D, N delivery apparatus. <i>EMBO Journal</i> , 1996, 15, 5191-201.	7.8	109
9	Synthesis of phosphatidylcholine, a typical eukaryotic phospholipid, is necessary for full virulence of the intracellular bacterial parasite <i>Brucella abortus</i> . <i>Cellular Microbiology</i> , 2006, 8, 1322-1335.	2.1	108
10	The Myf fibrillae of <i>Yersinia enterocolitica</i> . <i>Molecular Microbiology</i> , 1993, 9, 507-520.	2.5	94
11	YscM1 and YscM2, two <i>Yersinia enterocolitica</i> proteins causing downregulation of yop transcription. <i>Molecular Microbiology</i> , 1997, 26, 833-843.	2.5	92
12	The rpoS gene from <i>Yersinia enterocolitica</i> and its influence on expression of virulence factors. <i>Infection and Immunity</i> , 1995, 63, 1840-1847.	2.2	89
13	Structural Studies of Lipopolysaccharide-defective Mutants from <i>Brucella melitensis</i> Identify a Core Oligosaccharide Critical in Virulence. <i>Journal of Biological Chemistry</i> , 2016, 291, 7727-7741.	3.4	76
14	Identification of SycN, YscX, and YscY, Three New Elements of the <i>Yersinia</i> Yop Virulon. <i>Journal of Bacteriology</i> , 1999, 181, 675-680.	2.2	64
15	Heparin interferes with translocation of Yop proteins into HeLa cells and binds to LcrG, a regulatory component of the <i>Yersinia</i> Yop apparatus. <i>Molecular Microbiology</i> , 1998, 27, 425-436.	2.5	63
16	The Differential Interaction of <i>Brucella</i> and <i>Ochrobactrum</i> with Innate Immunity Reveals Traits Related to the Evolution of Stealthy Pathogens. <i>PLoS ONE</i> , 2009, 4, e5893.	2.5	60
17	LcrG is Required for Efficient Translocation of <i>Yersinia</i> Yop Effector Proteins into Eukaryotic Cells. <i>Infection and Immunity</i> , 1998, 66, 2976-2979.	2.2	55
18	Thermodynamic Analysis of the Lipopolysaccharide-Dependent Resistance of Gram-Negative Bacteria against Polymyxin B. <i>Biophysical Journal</i> , 2007, 92, 2796-2805.	0.5	54

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19	MyfF, an element of the network regulating the synthesis of fibrillae in <i>Yersinia enterocolitica</i> . <i>Journal of Bacteriology</i> , 1995, 177, 738-744.	2.2	52
20	The <i>fliA</i> gene encoding sigma 28 in <i>Yersinia enterocolitica</i> . <i>Journal of Bacteriology</i> , 1995, 177, 2299-2304.	2.2	47
21	<i>Yersinia enterocolitica</i> can deliver Yop proteins into a wide range of cell types: Development of a delivery system for heterologous proteins. <i>European Journal of Cell Biology</i> , 2000, 79, 659-671.	3.6	47
22	<i>Brucella abortus</i> Depends on Pyruvate Phosphate Dikinase and Malic Enzyme but Not on Fbp and GlpX Fructose-1,6-Bisphosphatases for Full Virulence in Laboratory Models. <i>Journal of Bacteriology</i> , 2014, 196, 3045-3057.	2.2	43
23	Lipopolysaccharide as a target for brucellosis vaccine design. <i>Microbial Pathogenesis</i> , 2013, 58, 29-34.	2.9	38
24	The Epitopic and Structural Characterization of <i>Brucella suis</i> Biovar 2 O-Polysaccharide Demonstrates the Existence of a New M-Negative C-Negative Smooth <i>Brucella</i> Serovar. <i>PLoS ONE</i> , 2013, 8, e53941.	2.5	37
25	<i>Brucella abortus</i> Ornithine Lipids Are Dispensable Outer Membrane Components Devoid of a Marked Pathogen-Associated Molecular Pattern. <i>PLoS ONE</i> , 2011, 6, e16030.	2.5	36
26	Mutants in the lipopolysaccharide of <i>Brucella ovis</i> are attenuated and protect against <i>B. ovis</i> infection in mice. <i>Veterinary Research</i> , 2014, 45, 72.	3.0	34
27	<i>Brucella</i> central carbon metabolism: an update. <i>Critical Reviews in Microbiology</i> , 2018, 44, 182-211.	6.1	34
28	The identification of <i>wadB</i> , a new glycosyltransferase gene, confirms the branched structure and the role in virulence of the lipopolysaccharide core of <i>Brucella abortus</i> . <i>Microbial Pathogenesis</i> , 2014, 73, 53-59.	2.9	32
29	Identification and functional analysis of the cyclopropane fatty acid synthase of <i>Brucella abortus</i> . <i>Microbiology (United Kingdom)</i> , 2012, 158, 1037-1044.	1.8	17
30	The CO ₂ -dependence of <i>Brucella ovis</i> and <i>Brucella abortus</i> biovars is caused by defective carbonic anhydrases. <i>Veterinary Research</i> , 2018, 49, 85.	3.0	16
31	Genomic Insertion of a Heterologous Acetyltransferase Generates a New Lipopolysaccharide Antigenic Structure in <i>Brucella abortus</i> and <i>Brucella melitensis</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1092.	3.5	16
32	The 70-Kilobase Virulence Plasmid of <i>Yersinia</i> . , 0, , 91-126.		14
33	<i>WadD</i> , a New <i>Brucella</i> Lipopolysaccharide Core Glycosyltransferase Identified by Genomic Search and Phenotypic Characterization. <i>Frontiers in Microbiology</i> , 2018, 9, 2293.	3.5	12
34	Environmental Control of Virulence Functions and Signal Transduction in <i>Yersinia Enterocolitica</i> . <i>Medical Intelligence Unit</i> , 1995, , 95-110.	0.2	12
35	The Fast-Growing <i>Brucella suis</i> Biovar 5 Depends on Phosphoenolpyruvate Carboxykinase and Pyruvate Phosphate Dikinase but Not on Fbp and GlpX Fructose-1,6-Bisphosphatases or Isocitrate Lyase for Full Virulence in Laboratory Models. <i>Frontiers in Microbiology</i> , 2018, 9, 641.	3.5	10
36	Mutants in the lipopolysaccharide of. <i>Veterinary Research</i> , 2014, 45, 72.	3.0	9

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37	Rev1 wbdR tagged vaccines against <i>Brucella ovis</i> . <i>Veterinary Research</i> , 2019, 50, 95.	3.0	8
38	<scp>GFP</scp> 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
39	Development of attenuated live vaccine candidates against swine brucellosis in a non-zoonotic <i>B. suis</i> biovar 2 background. <i>Veterinary Research</i> , 2020, 51, 92.	3.0	6
40	The Phospholipid N-Methyltransferase and Phosphatidylcholine Synthase Pathways and the ChoXWV Choline Uptake System Involved in Phosphatidylcholine Synthesis Are Widely Conserved in Most, but Not All <i>Brucella</i> Species. <i>Frontiers in Microbiology</i> , 2021, 12, 614243.	3.5	6
41	<i>Brucella abortus</i> S19 GFP-tagged vaccine allows the serological identification of vaccinated cattle. <i>PLoS ONE</i> , 2021, 16, e0260288.	2.5	6
42	Identification of <i>lptA</i> , <i>lpxE</i> , and <i>lpxO</i> , Three Genes Involved in the Remodeling of <i>Brucella</i> Cell Envelope. <i>Frontiers in Microbiology</i> , 2017, 8, 2657.	3.5	5
43	Disruption of pyruvate phosphate dikinase in <i>Brucella ovis</i> PA CO ₂ -dependent and independent strains generates attenuation in the mouse model. <i>Veterinary Research</i> , 2020, 51, 101.	3.0	3
44	A <i>Brucella melitensis</i> H38 ^Δ wbkF rough mutant protects against <i>Brucella ovis</i> in rams. <i>Veterinary Research</i> , 2022, 53, 16.	3.0	3
45	DGHM 2012. <i>International Journal of Medical Microbiology</i> , 2012, 302, 3-155.	3.6	2
46	Glucose Oxidation to Pyruvate Is Not Essential for <i>Brucella suis</i> Biovar 5 Virulence in the Mouse Model. <i>Frontiers in Microbiology</i> , 2020, 11, 620049.	3.5	2