

Ignacio Moriyon

List of Publications by Year in descending order

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147
papers

8,003
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44042

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#	ARTICLE	IF	CITATIONS
1	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.	1.3	3
2	<i>Pseudochrobactrum algeriensis</i> sp. nov., isolated from lymph nodes of Algerian cattle. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	6
3	A <i>Brucella melitensis</i> H38 ^W wbkF rough mutant protects against <i>Brucella ovis</i> in rams. <i>Veterinary Research</i> , 2022, 53, 16.	1.1	3
4	Pathogenicity and Its Implications in Taxonomy: The <i>Brucella</i> and <i>Ochrobactrum</i> Case. <i>Pathogens</i> , 2022, 11, 377.	1.2	19
5	Facing the Human and Animal Brucellosis Conundrums: The Forgotten Lessons. <i>Microorganisms</i> , 2022, 10, 942.	1.6	14
6	The Phospholipid N-Methyltransferase and Phosphatidylcholine Synthase Pathways and the ChoXWW 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.	1.5	6
7	Hospital-based evidence on cost-effectiveness of brucellosis diagnostic tests and treatment in Kenyan hospitals. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008977.	1.3	11
8	Title is missing!. , 2021, 15, e0008977.		0
9	Title is missing!. , 2021, 15, e0008977.		0
10	Title is missing!. , 2021, 15, e0008977.		0
11	Title is missing!. , 2021, 15, e0008977.		0
12	Convergent evolution of zoonotic <i>Brucella</i> species toward the selective use of the pentose phosphate pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26374-26381.	3.3	13
13	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.	1.1	6
14	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.	1.1	3
15	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.	1.5	2
16	Genetic and Phenotypic Characterization of the Etiological Agent of Canine Orchiepididymitis Smooth <i>Brucella</i> sp. BCCN84.3. <i>Frontiers in Veterinary Science</i> , 2019, 6, 175.	0.9	18
17	Rev1 wbdR tagged vaccines against <i>Brucella ovis</i> . <i>Veterinary Research</i> , 2019, 50, 95.	1.1	8
18	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.	1.3	28

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19	Molecular recognition of lipopolysaccharide by the lantibiotic nisin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 83-92.	1.4	13
20	A systematic review of current immunological tests for the diagnosis of cattle brucellosis. <i>Preventive Veterinary Medicine</i> , 2018, 151, 57-72.	0.7	75
21	Vaccine development targeting lipopolysaccharide structure modification. <i>Microbes and Infection</i> , 2018, 20, 455-460.	1.0	9
22	<i>Brucella</i> central carbon metabolism: an update. <i>Critical Reviews in Microbiology</i> , 2018, 44, 182-211.	2.7	34
23	Immunomodulatory properties of <i>Brucella melitensis</i> lipopolysaccharide determinants on mouse dendritic cells <i>in vitro</i> and <i>in vivo</i> . <i>Virulence</i> , 2018, 9, 465-479.	1.8	24
24	WadD, a New <i>Brucella</i> Lipopolysaccharide Core Glycosyltransferase Identified by Genomic Search and Phenotypic Characterization. <i>Frontiers in Microbiology</i> , 2018, 9, 2293.	1.5	12
25	The prevalence of brucellosis and bovine tuberculosis in ruminants in Sidi Kacem Province, Morocco. <i>PLoS ONE</i> , 2018, 13, e0203360.	1.1	10
26	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.	1.1	16
27	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.	1.5	10
28	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.	1.5	16
29	Brucellosis in Sub-Saharan Africa: Current challenges for management, diagnosis and control. <i>Acta Tropica</i> , 2017, 165, 179-193.	0.9	171
30	The characterization of <i>Brucella</i> strains isolated from cattle in Algeria reveals the existence of a <i>B. abortus</i> lineage distinct from European and Sub-Saharan Africa strains. <i>Veterinary Microbiology</i> , 2017, 211, 124-128.	0.8	8
31	Prevalence of bovine brucellosis in slaughtered cattle and barriers to better protection of abattoir workers in Ibadan, South-Western Nigeria. <i>Pan African Medical Journal</i> , 2017, 28, 68.	0.3	17
32	<i>Brucella</i> Genital Tropism: What's on the Menu. <i>Frontiers in Microbiology</i> , 2017, 8, 506.	1.5	27
33	Erythritol Availability in Bovine, Murine and Human Models Highlights a Potential Role for the Host Aldose Reductase during <i>Brucella</i> Infection. <i>Frontiers in Microbiology</i> , 2017, 8, 1088.	1.5	20
34	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.	1.5	5
35	Poor performance of the rapid test for human brucellosis in health facilities in Kenya. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005508.	1.3	52
36	<i>Brucella</i> , nitrogen and virulence. <i>Critical Reviews in Microbiology</i> , 2016, 42, 507-525.	2.7	36

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37	A review of the basis of the immunological diagnosis of ruminant brucellosis. <i>Veterinary Immunology and Immunopathology</i> , 2016, 171, 81-102.	0.5	75
38	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.	1.6	76
39	<i>Brucella</i> C ¹² G induces a dual pro- and anti-inflammatory response leading to a transient neutrophil recruitment. <i>Virulence</i> , 2015, 6, 19-28.	1.8	13
40	Diagnostic performance of serological tests for swine brucellosis in the presence of false positive serological reactions. <i>Journal of Microbiological Methods</i> , 2015, 111, 57-63.	0.7	17
41	Raising the Political Profile of the Neglected Zoonotic Diseases: Three Complementary European Commission-Funded Projects to Streamline Research, Build Capacity and Advocate for Control. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003505.	1.3	8
42	Phenotypic and genotypic characterization of <i>Brucella</i> strains isolated from autochthonous livestock reveals the dominance of <i>B. abortus</i> biovar 3a in Nigeria. <i>Veterinary Microbiology</i> , 2015, 180, 103-108.	0.8	17
43	Clinical and histological features of brucellin skin test responses in <i>Brucella suis</i> biovar 2 infected pigs. <i>Veterinary Immunology and Immunopathology</i> , 2015, 163, 77-85.	0.5	5
44	Erythritol feeds the pentose phosphate pathway via three new isomerases leading to D-erythrose-4-phosphate in <i>Brucella</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17815-17820.	3.3	53
45	Brucellosis as an Emerging Threat in Developing Economies: Lessons from Nigeria. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3008.	1.3	117
46	Performance of skin tests with allergens from <i>B. melitensis</i> B115 and rough <i>B. abortus</i> mutants for diagnosing swine brucellosis. <i>Veterinary Microbiology</i> , 2014, 168, 161-168.	0.8	14
47	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.	1.3	32
48	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.	1.1	34
49	<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.	1.0	43
50	Mutants in the lipopolysaccharide of. <i>Veterinary Research</i> , 2014, 45, 72.	1.1	9
51	Interactions of lipopolysaccharide with lipid membranes, raft models "A solid state NMR study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1731-1742.	1.4	19
52	Lipopolysaccharide as a target for brucellosis vaccine design. <i>Microbial Pathogenesis</i> , 2013, 58, 29-34.	1.3	38
53	Deletion of the <i>GI-2</i> integrase and the <i>wbkA</i> flanking transposase improves the stability of <i>Brucella melitensis</i> Rev 1 vaccine. <i>Veterinary Research</i> , 2013, 44, 105.	1.1	9
54	Lipopolysaccharides with Acylation Defects Potentiate TLR4 Signaling and Shape T Cell Responses. <i>PLoS ONE</i> , 2013, 8, e55117.	1.1	13

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55	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.	1.1	37
56	The Lipopolysaccharide Core of <i>Brucella abortus</i> Acts as a Shield Against Innate Immunity Recognition. <i>PLoS Pathogens</i> , 2012, 8, e1002675.	2.1	140
57	<i>Brucella</i> β -1,2 Cyclic Glucan Is an Activator of Human and Mouse Dendritic Cells. <i>PLoS Pathogens</i> , 2012, 8, e1002983.	2.1	35
58	Comparative Genomics of Early-Diverging <i>Brucella</i> Strains Reveals a Novel Lipopolysaccharide Biosynthesis Pathway. <i>MBio</i> , 2012, 3, e00246-11.	1.8	33
59	Identification and functional analysis of the cyclopropane fatty acid synthase of <i>Brucella abortus</i> . <i>Microbiology (United Kingdom)</i> , 2012, 158, 1037-1044.	0.7	17
60	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.	1.0	18
61	Comparative Genomics of Early-Diverging <i>Brucella</i> Strains Reveals a Novel Lipopolysaccharide Biosynthesis Pathway. <i>MBio</i> , 2012, 3, e00246-12.	1.8	37
62	DGHM 2012. <i>International Journal of Medical Microbiology</i> , 2012, 302, 3-155.	1.5	2
63	What have we learned from brucellosis in the mouse model?. <i>Veterinary Research</i> , 2012, 43, 29.	1.1	210
64	Structural Features Governing the Activity of Lactoferricin-Derived Peptides That Act in Synergy with Antibiotics against <i>Pseudomonas aeruginosa</i> <i>In Vitro</i> and <i>In Vivo</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 218-228.	1.4	50
65	Brucellosis at the animal/ecosystem/human interface at the beginning of the 21st century. <i>Preventive Veterinary Medicine</i> , 2011, 102, 118-131.	0.7	315
66	Brucellosis seroprevalence in livestock in Uganda from 1998 to 2008: a retrospective study. <i>Tropical Animal Health and Production</i> , 2011, 43, 603-608.	0.5	25
67	Identification of new IS711 insertion sites in <i>Brucella abortus</i> field isolates. <i>BMC Microbiology</i> , 2011, 11, 176.	1.3	15
68	The Rose Bengal Test in Human Brucellosis: A Neglected Test for the Diagnosis of a Neglected Disease. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e950.	1.3	139
69	<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.	1.1	36
70	Eradication of bovine brucellosis in the Azores, Portugal—Outcome of a 5-year programme (2002–2007) based on test-and-slaughter and RB51 vaccination. <i>Preventive Veterinary Medicine</i> , 2010, 94, 154-157.	0.7	10
71	Proteomics-based confirmation of protein expression and correction of annotation errors in the <i>Brucella abortus</i> genome. <i>BMC Genomics</i> , 2010, 11, 300.	1.2	36
72	Effective Antimicrobial and Anti-Endotoxin Activity of Cationic Peptides Based on Lactoferricin: A Biophysical and Microbiological Study. <i>Anti-Infective Agents in Medicinal Chemistry</i> , 2010, 9, 9-22.	0.6	9

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73	New Antiseptic Peptides To Protect against Endotoxin-Mediated Shock. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3817-3824.	1.4	111
74	Genomic Island 2 Is an Unstable Genetic Element Contributing to <i>Brucella</i> Lipopolysaccharide Spontaneous Smooth-to-Rough Dissociation. <i>Journal of Bacteriology</i> , 2010, 192, 6346-6351.	1.0	22
75	Structural prerequisites for endotoxic activity in the <i>Limulus</i> test as compared to cytokine production in mononuclear cells. <i>Innate Immunity</i> , 2010, 16, 39-47.	1.1	55
76	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.	1.1	60
77	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.	1.3	50
78	Is <i>Brucella</i> an enteric pathogen?. <i>Nature Reviews Microbiology</i> , 2009, 7, 250-250.	13.6	20
79	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.	1.7	61
80	Comparative analysis of selected methods for the assessment of antimicrobial and membrane-permeabilizing activity: a case study for lactoferricin derived peptides. <i>BMC Microbiology</i> , 2008, 8, 196.	1.3	40
81	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.	1.1	159
82	Rationale for the Design of Shortened Derivatives of the NK-lysin-derived Antimicrobial Peptide NK-2 with Improved Activity against Gram-negative Pathogens. <i>Journal of Biological Chemistry</i> , 2007, 282, 14719-14728.	1.6	72
83	BvrR/BvrS-Controlled Outer Membrane Proteins Omp3a and Omp3b Are Not Essential for <i>Brucella abortus</i> Virulence. <i>Infection and Immunity</i> , 2007, 75, 4867-4874.	1.0	45
84	Mechanism of interaction of optimized <i>Limulus</i> -derived cyclic peptides with endotoxins: thermodynamic, biophysical and microbiological analysis. <i>Biochemical Journal</i> , 2007, 406, 297-307.	1.7	61
85	The Acyl Group as the Central Element of the Structural Organization of Antimicrobial Lipopeptide. <i>Journal of the American Chemical Society</i> , 2007, 129, 1022-1023.	6.6	43
86	Extensive Cell Envelope Modulation Is Associated with Virulence in <i>Brucella abortus</i> . <i>Journal of Proteome Research</i> , 2007, 6, 1519-1529.	1.8	82
87	Thermodynamic Analysis of the Lipopolysaccharide-Dependent Resistance of Gram-Negative Bacteria against Polymyxin B. <i>Biophysical Journal</i> , 2007, 92, 2796-2805.	0.2	54
88	<i>Brucella abortus</i> Uses a Stealthy Strategy to Avoid Activation of the Innate Immune System during the Onset of Infection. <i>PLoS ONE</i> , 2007, 2, e631.	1.1	281
89	The Genus <i>Brucella</i> . , 2006, , 315-456.		75
90	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.	1.7	41

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91	Comparing Antimicrobial and Membrane Permeabilizing Activity of Peptides Derived from Human Cationic Proteins. , 2006, , 255-257.		0
92	Characterization of <i>Brucella abortus</i> lipopolysaccharide macrodomains as mega rafts. Cellular Microbiology, 2006, 8, 197-206.	1.1	39
93	Differential inductions of TNF-alpha and IGTP, IIGP by structurally diverse classic and non-classic lipopolysaccharides. Cellular Microbiology, 2006, 8, 401-413.	1.1	95
94	Synthesis of phosphatidylcholine, a typical eukaryotic phospholipid, is necessary for full virulence of the intracellular bacterial parasite <i>Brucella abortus</i> . Cellular Microbiology, 2006, 8, 1322-1335.	1.1	108
95	International Committee on Systematic Bacteriology; Subcommittee on the taxonomy of <i>Brucella</i> . International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1169-1170.	0.8	7
96	International Committee on Systematics of Prokaryotes; Subcommittee on the taxonomy of <i>Brucella</i> . International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1173-1175.	0.8	83
97	Efficacy of Several Serological Tests and Antigens for Diagnosis of Bovine Brucellosis in the Presence of False-Positive Serological Results Due to <i>Yersinia enterocolitica</i> O:9. Vaccine Journal, 2005, 12, 141-151.	2.6	107
98	Cyclic β -1,2-glucan is a <i>brucella</i> virulence factor required for intracellular survival. Nature Immunology, 2005, 6, 618-625.	7.0	241
99	Protection of <i>Brucella abortus</i> RB51 revaccinated cows. Comparative Immunology, Microbiology and Infectious Diseases, 2005, 28, 371-373.	0.7	6
100	Enhancement of endotoxin neutralization by coupling of a C12-alkyl chain to a lactoferricin-derived peptide. Biochemical Journal, 2005, 385, 135-143.	1.7	101
101	The Lipopolysaccharide of <i>Brucella abortus</i> BvrS/BvrR Mutants Contains Lipid A Modifications and Has Higher Affinity for Bactericidal Cationic Peptides. Journal of Bacteriology, 2005, 187, 5631-5639.	1.0	84
102	<i>Brucella</i> lipopolysaccharide acts as a virulence factor. Current Opinion in Microbiology, 2005, 8, 60-66.	2.3	263
103	Generation of the <i>Brucella melitensis</i> ORFeome Version 1.1. Genome Research, 2004, 14, 2201-2206.	2.4	77
104	Rough vaccines in animal brucellosis: Structural and genetic basis and present status. Veterinary Research, 2004, 35, 1-38.	1.1	240
105	A methodology for thrips larvae identification using protein profiles obtained by SDS-PAGE. BioControl, 2003, 48, 395-406.	0.9	4
106	Characterization of <i>Brucella abortus</i> O-Polysaccharide and Core Lipopolysaccharide Mutants and Demonstration that a Complete Core Is Required for Rough Vaccines To Be Efficient against <i>Brucella abortus</i> and <i>Brucella ovis</i> in the Mouse Model. Infection and Immunity, 2003, 71, 3261-3271.	1.0	106
107	Pathogenic <i>Yersinia enterocolitica</i> Strains Increase the Outer Membrane Permeability in Response to Environmental Stimuli by Modulating Lipopolysaccharide Fluidity and Lipid A Structure. Infection and Immunity, 2003, 71, 2014-2021.	1.0	36
108	<i>Brucella melitensis</i> : 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.	3.3	209

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109	The two-component system BvrR/BvrS essential for <i>Brucella abortus</i> virulence regulates the expression of outer membrane proteins with counterparts in members of the Rhizobiaceae. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 12375-12380.	3.3	151
110	<i>Brucella</i> evolution and taxonomy. <i>Veterinary Microbiology</i> , 2002, 90, 209-227.	0.8	199
111	Regulation of <i>Brucella</i> virulence by the two-component system BvrR/BvrS. <i>Veterinary Microbiology</i> , 2002, 90, 329-339.	0.8	75
112	Biophysical investigations into the interaction of lipopolysaccharide with polymyxins. <i>Thermochimica Acta</i> , 2002, 382, 189-198.	1.2	49
113	The interaction of rough and smooth form lipopolysaccharides with polymyxins as studied by titration calorimetry. <i>Thermochimica Acta</i> , 2002, 394, 53-61.	1.2	27
114	<i>Brucella abortus</i> and Its Closest Phylogenetic Relative, <i>Ochrobactrum</i> spp., Differ in Outer Membrane Permeability and Cationic Peptide Resistance. <i>Infection and Immunity</i> , 2000, 68, 3210-3218.	1.0	89
115	Performance of Competitive and Indirect Enzyme-Linked Immunosorbent Assays, Gel Immunoprecipitation with Native Hapten Polysaccharide, and Standard Serological Tests in Diagnosis of Sheep Brucellosis. <i>Vaccine Journal</i> , 1999, 6, 269-272.	2.6	45
116	The lipopolysaccharide outer core of <i>Yersinia enterocolitica</i> serotype O:3 is required for virulence and plays a role in outer membrane integrity. <i>Molecular Microbiology</i> , 1999, 31, 1443-1462.	1.2	103
117	Structural studies on the lipopolysaccharide from a rough strain of <i>Ochrobactrum anthropi</i> containing a 2,3-diamino-2,3-dideoxy-d-glucose disaccharide lipid A backbone. <i>Carbohydrate Research</i> , 1998, 306, 283-290.	1.1	24
118	Diagnosis and epidemiology of <i>Brucella ovis</i> infection in rams. <i>Small Ruminant Research</i> , 1998, 29, 13-19.	0.6	22
119	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.	1.2	264
120	Evaluation of the relatedness of <i>Brucella</i> spp. and <i>Ochrobactrum anthropi</i> and description of <i>Ochrobactrum intermedium</i> sp. nov., a new species with a closer relationship to <i>Brucella</i> spp.. <i>International Journal of Systematic Bacteriology</i> , 1998, 48, 759-768.	2.8	190
121	<i>Yersinia pseudotuberculosis</i> and <i>Yersinia pestis</i> show increased outer membrane permeability to hydrophobic agents which correlates with lipopolysaccharide acyl-chain fluidity. <i>Microbiology (United Kingdom)</i> , 1998, 144, 1517-1526.	0.7	43
122	<i>Yersinia pseudotuberculosis</i> and <i>Yersinia pestis</i> are more resistant to bactericidal cationic peptides than <i>Yersinia enterocolitica</i> . <i>Microbiology (United Kingdom)</i> , 1998, 144, 1509-1515.	0.7	50
123	Comparison of polyclonal, monoclonal and protein G peroxidase conjugates in an enzyme-linked immunosorbent assay for the diagnosis of <i>Brucella ovis</i> in sheep. <i>Veterinary Record</i> , 1998, 143, 390-394.	0.2	15
124	Antibody and delayed-type hypersensitivity responses to <i>Ochrobactrum anthropi</i> cytosolic and outer membrane antigens in infections by smooth and rough <i>Brucella</i> spp. <i>Vaccine Journal</i> , 1997, 4, 279-284.	2.6	27
125	<i>Brucella</i> - <i>Salmonella</i> lipopolysaccharide chimeras are less permeable to hydrophobic probes and more sensitive to cationic peptides and EDTA than are their native <i>Brucella</i> sp. counterparts. <i>Journal of Bacteriology</i> , 1996, 178, 5867-5876.	1.0	84
126	Characterization of <i>Brucella abortus</i> and <i>Brucella melitensis</i> native haptens as outer membrane O-type polysaccharides independent from the smooth lipopolysaccharide. <i>Journal of Bacteriology</i> , 1996, 178, 1070-1079.	1.0	90

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127	Determination of the O-specific polysaccharide structure in the lipopolysaccharide of <i>Ochrobactrum anthropi</i> LMG 3331. <i>Carbohydrate Research</i> , 1996, 287, 123-126.	1.1	15
128	Production of 2,3-dihydroxybenzoic acid by <i>Brucella</i> species. <i>Current Microbiology</i> , 1995, 31, 291-293.	1.0	15
129	Diagnosis of <i>Brucella ovis</i> infection of rams with an ELISA using protein G as conjugate. <i>Veterinary Record</i> , 1995, 137, 145-147.	0.2	20
130	Evaluation of allergic and serological tests for diagnosing <i>Brucella melitensis</i> infection in sheep. <i>Journal of Clinical Microbiology</i> , 1994, 32, 1835-1840.	1.8	59
131	<i>Brucella</i> group 3 outer membrane proteins contain a heat-modifiable protein. <i>FEMS Microbiology Letters</i> , 1993, 112, 141-145.	0.7	15
132	Evaluation of whole cell and subcellular vaccines against <i>Brucella ovis</i> in rams. <i>Veterinary Immunology and Immunopathology</i> , 1993, 37, 257-270.	0.5	48
133	The outer membranes of <i>Brucella</i> spp. are not barriers to hydrophobic permeants. <i>Journal of Bacteriology</i> , 1993, 175, 5273-5275.	1.0	50
134	Factors affecting detection of <i>Brucella melitensis</i> by BACTEC NR730, a nonradiometric system for hemocultures. <i>Journal of Clinical Microbiology</i> , 1993, 31, 3200-3203.	1.8	28
135	An ELISA with <i>Brucella</i> lipopolysaccharide antigen for the diagnosis of <i>B. melitensis</i> infection in sheep and for the evaluation of serological responses following subcutaneous or conjunctival <i>B. melitensis</i> strain Rev 1 vaccination. <i>Veterinary Microbiology</i> , 1992, 30, 233-241.	0.8	79
136	Antibody response to <i>Brucella ovis</i> outer membrane proteins in ovine brucellosis. <i>Infection and Immunity</i> , 1990, 58, 489-494.	1.0	59
137	Comparative analyses of proteins extracted by hot saline or released spontaneously into outer membrane blebs from field strains of <i>Brucella ovis</i> and <i>Brucella melitensis</i> . <i>Infection and Immunity</i> , 1989, 57, 1419-1426.	1.0	104
138	Comparison of three serological tests for <i>Brucella ovis</i> infection of rams using different antigenic extracts. <i>Veterinary Record</i> , 1989, 125, 504-508.	0.2	49
139	Enzyme-linked immunosorbent assay with <i>Brucella</i> native hapten polysaccharide and smooth lipopolysaccharide. <i>Journal of Clinical Microbiology</i> , 1988, 26, 2642-2646.	1.8	36
140	Properties of the outer membrane of <i>Brucella</i> . <i>Annales De L'Institut Pasteur Microbiologie</i> , 1987, 138, 89-91.	0.8	19
141	Immunization with <i>Brucella melitensis</i> Rev 1 against <i>Brucella ovis</i> infection of rams. <i>Veterinary Microbiology</i> , 1987, 14, 381-392.	0.8	39
142	Release of outer membrane fragments by exponentially growing <i>Brucella melitensis</i> cells. <i>Infection and Immunity</i> , 1987, 55, 609-615.	1.0	95
143	Comparison of lipopolysaccharide and outer membrane protein-lipopolysaccharide extracts in an enzyme-linked immunosorbent assay for the diagnosis of <i>Brucella ovis</i> infection. <i>Journal of Clinical Microbiology</i> , 1986, 23, 938-942.	1.8	58
144	In vitro interactions between lipopolysaccharides and heterologous outer membrane porin proteins. <i>Current Microbiology</i> , 1985, 12, 229-233.	1.0	5

#	ARTICLE	IF	CITATIONS
145	Isolation, purification, and partial characterization of <i>Brucella abortus</i> matrix protein. <i>Infection and Immunity</i> , 1983, 39, 394-402.	1.0	35
146	Immunological identity of brucella native hapten, polysaccharide B, and <i>yersinia enterocolitica</i> serotype 9 native hapten. <i>Infection and Immunity</i> , 1982, 38, 778-780.	1.0	28
147	<i>Torulopsis navarrensis</i> sp. nov. A new species of yeast isolated from an acid washed brown soil in the province of Navarra, Spain. <i>Mycopathologia</i> , 1978, 63, 61-63.	1.3	1