Jean-Pierre Gorvel

List of Publications by Year
in descending order

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195 papers	14,975 citations	14655 66 h-index	20961 115 g-index
201 all docs	201 docs citations	201 times ranked	11501 citing authors

#	Article	IF	Citations
1	rab5 controls early endosome fusion in vitro. Cell, 1991, 64, 915-925.	28.9	1,020
2	BrucellaEvades Macrophage Killing via VirB-dependent Sustained Interactions with the Endoplasmic Reticulum. Journal of Experimental Medicine, 2003, 198, 545-556.	8.5	502
3	Hypervariable C-termmal domain of rab proteins acts as a targeting signal. Nature, 1991, 353, 769-772.	27.8	386
4	Brucella abortus Transits through the Autophagic Pathway and Replicates in the Endoplasmic Reticulum of Nonprofessional Phagocytes. Infection and Immunity, 1998, 66, 5711-5724.	2.2	379
5	Virulence factors of the human opportunistic pathogen Serratia marcescens identified by in vivo screening. EMBO Journal, 2003, 22, 1451-1460.	7.8	310
6	Biogenesis of Salmonella typhimurium-containing vacuoles in epithelial cells involves interactions with the early endocytic pathway. Cellular Microbiology, 1999, 1, 33-49.	2.1	306
7	Essential role of the VirB machinery in the maturation of the Brucella abortus-containing vacuole. Cellular Microbiology, 2001, 3, 159-168.	2.1	283
8	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
9	Brucella intracellular life: from invasion to intracellular replication. Veterinary Microbiology, 2002, 90, 281-297.	1.9	263
10	Brucella lipopolysaccharide acts as a virulence factor. Current Opinion in Microbiology, 2005, 8, 60-66.	5.1	263
11	Annexin II is a major component of fusogenic endosomal vesicles.. Journal of Cell Biology, 1993, 120, 1357-1369.	5.2	258
12	Brucella Control of Dendritic Cell Maturation Is Dependent on the TIR-Containing Protein Btp1. PLoS Pathogens, 2008, 4, e21.	4.7	253
13	VirulentBrucella abortusPrevents Lysosome Fusion and Is Distributed within Autophagosome-Like Compartments. Infection and Immunity, 1998, 66, 2387-2392.	2.2	249
14	Bacterial manipulation of innate immunity to promote infection. Nature Reviews Microbiology, 2010, 8, 117-128.	28.6	243
15	Cyclic Î²-1,2-glucan is a brucella virulence factor required for intracellular survival. Nature Immunology, 2005, 6, 618-625.	14.5	241
16	An evolutionary strategy for a stealthy intracellular Brucella pathogen. Immunological Reviews, 2011, 240, 211-234.	6.0	225
17	The rab7 GTPase controls the maturation of Salmonella typhimurium-containing vacuoles in HeLa cells. EMBO Journal, 1999, 18, 4394-4403.	7.8	221
18	Controlling the maturation of pathogen-containing vacuoles: a matter of life and death. Nature Cell Biology, 1999, 1, E183-E188.	10.3	216

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19	The Intracellular Fate of Salmonella Depends on the Recruitment of Kinesin. Science, 2005, 308, 1174-1178.	12.6	214
20	What have we learned from brucellosis in the mouse model?. Veterinary Research, 2012, 43, 29.	3.0	210
21	Identification of Brucella spp. genes involved in intracellular trafficking. Cellular Microbiology, 2001, 3, 487-497.	2.1	209
22	Peyer's Patch Dendritic Cells Sample Antigens by Extending Dendrites Through M Cell-Specific Transcellular Pores. Gastroenterology, 2012, 142, 592-601.e3.	1.3	206
23	Internal affairs: investigating theBrucellaintracellular lifestyle. FEMS Microbiology Reviews, 2012, 36, 533-562.	8.6	182
24	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
25	Brucellosis Vaccines: Assessment of Brucella melitensis Lipopolysaccharide Rough Mutants Defective in Core and O-Polysaccharide Synthesis and Export. PLoS ONE, 2008, 3, e2760.	2.5	159
26	Brucella coopts the small GTPase Sar1 for intracellular replication. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1673-1678.	7.1	155
27	The Salmonella effector protein PipB2 is a linker for kinesin-1. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13497-13502.	7.1	153
28	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
29	Remodelling of the actin cytoskeleton is essential for replication of intravacuolar Salmonella. Cellular Microbiology, 2001, 3, 567-577.	2.1	149
30	Macropinocytosis of Polyplexes and Recycling of Plasmid via the Clathrin-Dependent Pathway Impair the Transfection Efficiency of Human Hepatocarcinoma Cells. Molecular Therapy, 2004, 10, 373-385.	8.2	148
31	Collateral damage: insights into bacterial mechanisms that predispose host cells to cancer. Nature Reviews Microbiology, 2017, 15, 109-128.	28.6	142
32	The Lipopolysaccharide Core of Brucella abortus Acts as a Shield Against Innate Immunity Recognition. PLoS Pathogens, 2012, 8, e1002675.	4.7	140
33	Coxiellaâ€burnetiiSurvival in THP-1 Monocytes Involves the Impairment of Phagosome Maturation: IFN-Î³ Mediates its Restoration and Bacterial Killing. Journal of Immunology, 2002, 169, 4488-4495.	0.8	133
34	Mimivirus Giant Particles Incorporate a Large Fraction of Anonymous and Unique Gene Products. Journal of Virology, 2006, 80, 11678-11685.	3.4	123
35	Identification of a Brucella spp. secreted effector specifically interacting with human small GTPase Rab2. Cellular Microbiology, 2011, 13, 1044-1058.	2.1	119
36	Organelle robbery: Brucella interactions with the endoplasmic reticulum. Current Opinion in Microbiology, 2004, 7, 93-97.	5.1	118

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37	In search of Brucella abortus type IV secretion substrates: screening and identification of four proteins translocated into host cells through VirB system. Cellular Microbiology, 2011, 13, 1261-1274.	2.1	118
38	HLAâ€“DR4 and HLAâ€“DR10 motifs that carry susceptibility to rheumatoid arthritis bind 70â€“kD heat shock proteins. Nature Medicine, 1996, 2, 306-310.	30.7	111
39	A Toxin-Antitoxin Module of Salmonella Promotes Virulence in Mice. PLoS Pathogens, 2013, 9, e1003827.	4.7	111
40	BtpB, a novel Brucella TIR-containing effector protein with immune modulatory functions. Frontiers in Cellular and Infection Microbiology, 2013, 3, 28.	3.9	110
41	Synthesis of phosphatidylcholine, a typical eukaryotic phospholipid, is necessary for full virulence of the intracellular bacterial parasite Brucella abortus. Cellular Microbiology, 2006, 8, 1322-1335.	2.1	108
42	The differential production of cytokines by human Langerhans cells and dermal CD14+ DCs controls CTL priming. Blood, 2012, 119, 5742-5749.	1.4	103
43	Salmonella detoxifying enzymes are sufficient to cope with the host oxidative burst. Molecular Microbiology, 2011, 80, 628-640.	2.5	101
44	SKIP, the Host Target of the Salmonella Virulence Factor SifA, Promotes Kinesin-1-Dependent Vacuolar Membrane Exchanges. Traffic, 2010, 11, 899-911.	2.7	99
45	The Translocated Salmonella Effector Proteins SseF and SseG Interact and Are Required To Establish an Intracellular Replication Niche. Infection and Immunity, 2006, 74, 6965-6972.	2.2	98
46	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
47	Differential inductions of TNF-alpha and IGTP, IIGP by structurally diverse classic and non-classic lipopolysaccharides. Cellular Microbiology, 2006, 8, 401-413.	2.1	95
48	Pathogenic Bacteria and Dead Cells Are Internalized by a Unique Subset of Peyer's Patch Dendritic Cells That Express Lysozyme. Gastroenterology, 2010, 138, 173-184.e3.	1.3	94
49	Salmonella typhimurium SifA Effector Protein Requires Its Membrane-anchoring C-terminal Hexapeptide for Its Biological Function. Journal of Biological Chemistry, 2003, 278, 14196-14202.	3.4	91
50	Nanobacteria Are Mineralo Fetuin Complexes. PLoS Pathogens, 2008, 4, e41.	4.7	88
51	Innate and Adaptive Immune Functions of Peyerâ€™s Patch Monocyte-Derived Cells. Cell Reports, 2015, 11, 770-784.	6.4	88
52	The Glyceraldehyde-3-Phosphate Dehydrogenase and the Small GTPase Rab 2 Are Crucial for Brucella Replication. PLoS Pathogens, 2009, 5, e1000487.	4.7	86
53	Glycyl-l-proline transport in rabbit enterocyte basolateral-membrane vesicles. Biochemical Journal, 1990, 269, 565-571.	3.7	85
54	Survival of Tropheryma whipplei, the Agent of Whipple's Disease, Requires Phagosome Acidification. Infection and Immunity, 2002, 70, 1501-1506.	2.2	85

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55	Pathogenâ€“endoplasmic-reticulum interactions: in through the out door. Nature Reviews Immunology, 2006, 6, 136-147.	22.7	85
56	Brucella-Salmonella lipopolysaccharide chimeras are less permeable to hydrophobic probes and more sensitive to cationic peptides and EDTA than are their native Brucella sp. counterparts. Journal of Bacteriology, 1996, 178, 5867-5876.	2.2	84
57	Brucella abortus Lipopolysaccharide in Murine Peritoneal Macrophages Acts as a Down-Regulator of T Cell Activation. Journal of Immunology, 2000, 165, 5202-5210.	0.8	83
58	Contrasting roles of macrophages and dendritic cells in controlling initial pulmonary Brucella infection. European Journal of Immunology, 2010, 40, 3458-3471.	2.9	81
59	Brucella: a Mr â€œHideâ€•converted into Dr Jekyll. Microbes and Infection, 2008, 10, 1010-1013.	1.9	80
60	Transcriptome Analysis of the Brucella abortus BvrR/BvrS Two-Component Regulatory System. PLoS ONE, 2010, 5, e10216.	2.5	79
61	Structural Studies of Lipopolysaccharide-defective Mutants from Brucella melitensis Identify a Core Oligosaccharide Critical in Virulence. Journal of Biological Chemistry, 2016, 291, 7727-7741.	3.4	76
62	The Peyerâ€™s Patch Mononuclear Phagocyte System at Steady State and during Infection. Frontiers in Immunology, 2017, 8, 1254.	4.8	76
63	Aminopeptidase A activity of the murine B-lymphocyte differentiation antigen BP-1/6C3.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 676-680.	7.1	73
64	Helicobacter pylori Impairs Murine Dendritic Cell Responses to Infection. PLoS ONE, 2010, 5, e10844.	2.5	71
65	Antimicrobial activity of myotoxic phospholipases A2 from crotalid snake venoms and synthetic peptide variants derived from their C-terminal region. Toxicon, 2005, 45, 807-815.	1.6	70
66	Pathogenic Brucellae Replicate in Human Trophoblasts. Journal of Infectious Diseases, 2013, 207, 1075-1083.	4.0	69
67	The Virulence Protein SopD2 Regulates Membrane Dynamics of Salmonella-Containing Vacuoles. PLoS Pathogens, 2010, 6, e1001002.	4.7	67
68	New insights in gut microbiota and mucosal immunity of the small intestine. Human Microbiome Journal, 2018, 7-8, 23-32.	3.8	67
69	Evidence for the transit of aminopeptidase N through the basolateral membrane before it reaches the brush border of enterocytes. Journal of Membrane Biology, 1987, 96, 19-25.	2.1	64
70	Link between Impaired Maturation of Phagosomes and DefectiveCoxiella burnetiiKilling in Patients with Chronic Q Fever. Journal of Infectious Diseases, 2004, 190, 1767-1772.	4.0	64
71	Intracellular Bacteria Interfere with Dendritic Cell Functions: Role of the Type I Interferon Pathway. PLoS ONE, 2014, 9, e99420.	2.5	64
72	Expression of sucrase-isomaltase and dipeptidylpeptidase IV in human small intestine and colon. Gastroenterology, 1991, 101, 618-625.	1.3	63

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73	Improved methods for producing outer membrane vesicles in Gram-negative bacteria. Research in Microbiology, 2004, 155, 437-446.	2.1	62
74	Molecular motors hijacking by intracellular pathogens. Cellular Microbiology, 2006, 8, 23-32.	2.1	62
75	Invasion and intracellular trafficking of Brucella abortus in nonphagocytic cells. Microbes and Infection, 2000, 2, 829-835.	1.9	61
76	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 Brucella melitensis infection of sheep. Vaccine, 2009, 27, 1741-1749.	3.8	61
77	Identification of two putative rickettsial adhesins by proteomic analysis. Research in Microbiology, 2006, 157, 605-612.	2.1	60
78	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
79	Maturation steps of the Salmonella-containing vacuole. Microbes and Infection, 2001, 3, 1299-1303.	1.9	59
80	Functional Specialty of CD40 and Dendritic Cell Surface Lectins for Exogenous Antigen Presentation to CD8+ and CD4+ T Cells. EBioMedicine, 2016, 5, 46-58.	6.1	59
81	Differential properties of D4/LyGDI versus RhoGDI: phosphorylation and rho GTPase selectivity. FEBS Letters, 1998, 422, 269-273.	2.8	58
82	RUN and FYVE domainâ€“containing protein 4 enhances autophagy and lysosome tethering in response to Interleukin-4. Journal of Cell Biology, 2015, 210, 1133-1152.	5.2	58
83	Activation of Rho and Rab GTPases dissociatesBrucella abortusinternalization from intracellular trafficking. Cellular Microbiology, 2002, 4, 663-676.	2.1	55
84	Identification and structural characterization of an unusual mycobacterial monomeromycolyl-diacylglycerol. Molecular Microbiology, 2005, 57, 1113-1126.	2.5	55
85	Bactericidal and Antiendotoxic Properties of Short Cationic Peptides Derived from a Snake Venom Lys49 Phospholipase A 2. Antimicrobial Agents and Chemotherapy, 2005, 49, 1340-1345.	3.2	54
86	Brucella T4SS: the VIP pass inside host cells. Current Opinion in Microbiology, 2013, 16, 45-51.	5.1	54
87	Interaction between the SifA Virulence Factor and Its Host Target SKIP Is Essential for Salmonella Pathogenesis. Journal of Biological Chemistry, 2009, 284, 33151-33160.	3.4	52
88	Brucella abortus Induces the Premature Death of Human Neutrophils through the Action of Its Lipopolysaccharide. PLoS Pathogens, 2015, 11, e1004853.	4.7	52
89	A molecular, genetic and immunological approach to the functioning of colicin A, a pore-forming protein. Journal of Molecular Biology, 1986, 187, 449-459.	4.2	51
90	Trafficking of Shigella Lipopolysaccharide in Polarized Intestinal Epithelial Cells. Journal of Cell Biology, 1999, 145, 689-698.	5.2	51

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91	Escherichia coli Î±-Hemolysin Counteracts the Anti-Virulence Innate Immune Response Triggered by the Rho GTPase Activating Toxin CNF1 during Bacteremia. PLoS Pathogens, 2015, 11, e1004732.	4.7	51
92	Brucella: Reservoirs and Niches in Animals and Humans. Pathogens, 2021, 10, 186.	2.8	49
93	Proteome analysis of Rickettsia conorii by two-dimensional gel electrophoresis coupled with mass spectrometry. FEMS Microbiology Letters, 2005, 245, 231-238.	1.8	48
94	Virulence factors in brucellosis: implications for aetiopathogenesis and treatment. Expert Reviews in Molecular Medicine, 2007, 9, 1-10.	3.9	48
95	Intracellular trafficking of Parachlamydia acanthamoebae. Cellular Microbiology, 2005, 7, 581-589.	2.1	46
96	Brucellaevasion of adaptive immunity. Future Microbiology, 2013, 8, 147-154.	2.0	46
97	Tyrâ†'Trp-substituted peptide 115-129 of a Lys49 phospholipase A2 expresses enhanced membrane-damaging activities and reproduces its in vivo myotoxic effect. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1461, 19-26.	2.6	45
98	The TIR-domain containing effectors BtpA and BtpB from Brucella abortus impact NAD metabolism. PLoS Pathogens, 2020, 16, e1007979.	4.7	45
99	Phosphate transport in intestinal brush-border membrane. Journal of Bioenergetics and Biomembranes, 1988, 20, 273-288.	2.3	44
100	Cervical Lymph Nodes as a Selective Niche for Brucella during Oral Infections. PLoS ONE, 2015, 10, e0121790.	2.5	44
101	Identification of Salmonella functions critical for bacterial cell division within eukaryotic cells. Molecular Microbiology, 2005, 56, 252-267.	2.5	43
102	Subcellular fractionation and subcellular localization of aminopeptidase N in the rabbit enterocytes. Journal of Membrane Biology, 1986, 89, 53-63.	2.1	41
103	The N-terminal domain of a rab protein is involved in membrane-membrane recognition and/or fusion.. EMBO Journal, 1994, 13, 34-41.	7.8	41
104	The Cytoplasmic Tail of Invariant Chain Regulates Endosome Fusion and Morphology. Molecular Biology of the Cell, 2002, 13, 1846-1856.	2.1	41
105	Proteome analysis ofRickettsia felis highlights the expression profile of intracellular bacteria. Proteomics, 2007, 7, 1232-1248.	2.2	41
106	Invariant Chain Induces a Delayed Transport from Early to Late Endosomes. Journal of Biological Chemistry, 1995, 270, 2741-2746.	3.4	40
107	Characterization of Brucella abortus lipopolysaccharide macrodomains as mega rafts. Cellular Microbiology, 2006, 8, 197-206.	2.1	39
108	Interaction ofBrucella abortusLipopolysaccharide with Major Histocompatibility Complex Class II Molecules in B Lymphocytes. Infection and Immunity, 1999, 67, 4048-4054.	2.2	39

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109	Lipopolysaccharide as a target for brucellosis vaccine design. Microbial Pathogenesis, 2013, 58, 29-34.	2.9	38
110	TheBrucella abortusPhosphoglycerate Kinase Mutant Is Highly Attenuated and Induces Protection Superior to That of Vaccine Strain 19 in Immunocompromised and Immunocompetent Mice. Infection and Immunity, 2010, 78, 2283-2291.	2.2	37
111	Neutrophils Exert a Suppressive Effect on Th1 Responses to Intracellular Pathogen Brucella abortus. PLoS Pathogens, 2013, 9, e1003167.	4.7	37
112	Molecular organization of the intestinal brush border. Biochimie, 1988, 70, 1297-1306.	2.6	36
113	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
114	Aminopeptidase N- and human blood group A-antigenicity along the digestive tract and associated glands in the rabbit. Cell and Tissue Research, 1985, 239, 241-248.	2.9	35
115	Brucella Î² 1,2 Cyclic Glucan Is an Activator of Human and Mouse Dendritic Cells. PLoS Pathogens, 2012, 8, e1002983.	4.7	35
116	The Outer Membrane of Brucella ovis Shows Increased Permeability to Hydrophobic Probes and Is More Susceptible to Cationic Peptides than Are the Outer Membranes of Mutant Rough Brucella abortus Strains. Infection and Immunity, 1999, 67, 6181-6186.	2.2	35
117	Bartonella and Brucella--Weapons and Strategies for Stealth Attack. Cold Spring Harbor Perspectives in Medicine, 2013, 3, a010231-a010231.	6.2	34
118	The Salmonella effector protein SifA plays a dual role in virulence. Scientific Reports, 2015, 5, 12979.	3.3	34
119	Unusual intracellular trafficking ofSalmonella typhimuriumin human melanoma cells. Cellular Microbiology, 2001, 3, 407-416.	2.1	33
120	Cellular localization of class I (HLAâ€A, B, C) and class II (HLAâ€DR and DQ) MHC antigens on the epithelial cells of normal human jejunum. Biology of the Cell, 1985, 52, 249-252.	2.0	33
121	Distribution, location, and transcriptional profile of Peyer's patch conventional DC subsets at steady state and under TLR7 ligand stimulation. Mucosal Immunology, 2017, 10, 1412-1430.	6.0	30
122	Human plasma cells express granzyme <scp>B</scp>. European Journal of Immunology, 2014, 44, 275-284.	2.9	28
123	Conformational change of rabbit aminopeptidase N into enterocyte plasma membrane domains analyzed by flow cytometry fluorescence energy transfer.. Journal of Cell Biology, 1989, 108, 2193-2200.	5.2	27
124	Inactivation of formyltransferase (wbkC) gene generates a Brucella abortus rough strain that is attenuated in macrophages and in mice. Vaccine, 2010, 28, 5627-5634.	3.8	26
125	Recruitment of Activated p56 on Endosomes of CD2-triggered T Cells, Colocalization with ZAP-70. Journal of Biological Chemistry, 1996, 271, 20734-20739.	3.4	25
126	Immunomodulatory properties of Brucella melitensis lipopolysaccharide determinants on mouse dendritic cells in vitro and in vivo. Virulence, 2018, 9, 465-479.	4.4	24

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127	Early endosome membrane dynamics characterized by flow cytometry. , 1997, 29, 41-49.		23
128	Persistence of Brucella abortus in the Bone Marrow of Infected Mice. Journal of Immunology Research, 2018, 2018, 1-8.	2.2	23
129	Flow cytometric sorting and biochemical characterization of the late endosomal rab7-containing compartment. Electrophoresis, 1997, 18, 2682-2688.	2.4	22
130	Bacterial infection and non-Hodgkinâ€™s lymphoma. Critical Reviews in Microbiology, 2020, 46, 270-287.	6.1	22
131	Activation of Mouse T Lymphocytes by a Monoclonal Antibody to a Developmentally Regulated Surface Aminopeptidase (THAM). Immunological Reviews, 1989, 111, 177-193.	6.0	21
132	Recognition of sodium- and potassium-dependent adenosine triphosphatase in organs of the mouse by means of a monoclonal antibody. Cell and Tissue Research, 1983, 234, 619-32.	2.9	20
133	An immunologist's look at the Rho and Rab GTP-binding proteins. Trends in Immunology, 1993, 14, 440-444.	7.5	20
134	Is Brucella an enteric pathogen?. Nature Reviews Microbiology, 2009, 7, 250-250.	28.6	20
135	Brucella abortus induces Irgm3 and Irga6 expression via type-I IFN by a MyD88-dependent pathway, without the requirement of TLR2, TLR4, TLR5 and TLR9. Microbial Pathogenesis, 2009, 47, 299-304.	2.9	20
136	Some news from the unknown soldier, the Peyerâ€™s patch macrophage. Cellular Immunology, 2018, 330, 159-167.	3.0	20
137	Differentiation Paths of Peyerâ€™s Patch LysoDCs Are Linked to Sampling Site Positioning, Migration, and T Cell Priming. Cell Reports, 2020, 31, 107479.	6.4	20
138	Human blood group Aâ€like determinants as marker of the intracellular pools of glycoproteins in secretory and absorbing of A+ rabbit jejunum. Biology of the Cell, 1984, 50, 31-36.	2.0	20
139	Pathogenicity and Its Implications in Taxonomy: The Brucella and Ochrobactrum Case. Pathogens, 2022, 11, 377.	2.8	19
140	Intracellular Transport of Molecules Engaged in the Presentation of Exogenous Antigens. Current Topics in Microbiology and Immunology, 1998, 232, 179-215.	1.1	18
141	Characterization of a Lysozyme-Major Histocompatibility Complex Class II Molecule-loading Compartment as a Specialized Recycling Endosome in Murine B Lymphocytes. Journal of Biological Chemistry, 1996, 271, 27360-27365.	3.4	17
142	Myeloid decidual dendritic cells and immunoregulation of pregnancy: defective responsiveness to Coxiella burnetii and Brucella abortus. Frontiers in Cellular and Infection Microbiology, 2014, 4, 179.	3.9	17
143	Metagenomic Analysis of Microdissected Valvular Tissue for Etiological Diagnosis of Blood Cultureâ€“Negative Endocarditis. Clinical Infectious Diseases, 2020, 70, 2405-2412.	5.8	17
144	Two-dimensional gel electrophoresis analysis of endovacuolar organelles. Electrophoresis, 1997, 18, 2566-2572.	2.4	16

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145	In Vivo Identification and Characterization of CD4+ Cytotoxic T Cells Induced by Virulent Brucella abortus Infection. PLoS ONE, 2013, 8, e82508.	2.5	16
146	Brucelladiscriminates between mouse dendritic cell subsets uponin vitroinfection. Virulence, 2016, 7, 33-44.	4.4	15
147	Identification of an early expressed marker of the luminal membrane of rabbit small intestinal columnar cells. Presence of a homologous antigen in kidney proximal tubules and glomeruli. Biology of the Cell, 1986, 56, 121-126.	2.0	15
148	Omp25â€dependent engagement of SLAMF1 by<scp>Brucella abortus</scp>in dendritic cells limits acute inflammation and favours bacterial persistence in vivo. Cellular Microbiology, 2020, 22, e13164.	2.1	14
149	Rickettsia conorii and R. prowazekii Proteome Analysis by 2DE-MS: A Step toward Functional Analysis of Rickettsial Genomes. Annals of the New York Academy of Sciences, 2005, 1063, 90-93.	3.8	13
150	Small GTPases and Brucella entry into the endoplasmic reticulum. Biochemical Society Transactions, 2012, 40, 1348-1352.	3.4	13
151	Lipopolysaccharides with Acylation Defects Potentiate TLR4 Signaling and Shape T Cell Responses. PLoS ONE, 2013, 8, e55117.	2.5	13
152	Brucella CÎ²G induces a dual pro- and anti-inflammatory response leading to a transient neutrophil recruitment. Virulence, 2015, 6, 19-28.	4.4	13
153	Gene expression profiling of the Peyer's patch mononuclear phagocyte system. Genomics Data, 2015, 5, 21-24.	1.3	13
154	Cyclic Î²-glucans at the bacteria-host cells interphase: One sugar ring to rule them all. Cellular Microbiology, 2018, 20, e12850.	2.1	13
155	Brucella abortus invasion and survival within professional and nonprofessional phagocytes. Advances in Cellular and Molecular Biology of Membranes and Organelles, 1999, , 201-232.	0.3	12
156	Intracellular trafficking study of a RB51 B. abortus vaccinal strain isolated from cow milk. Veterinary Microbiology, 2004, 98, 307-312.	1.9	12
157	COX-2 Inhibition Reduces Brucella Bacterial Burden in Draining Lymph Nodes. Frontiers in Microbiology, 2016, 07, 1987.	3.5	12
158	Post-bacterial infection chronic fatigue syndrome is not a latent infection. MÃ©decine Et Maladies Infectieuses, 2019, 49, 140-149.	5.0	12
159	Regulation of kinesin-1 activity by the Salmonella enterica effectors PipB2 and SifA. Journal of Cell Science, 2020, 133, .	2.0	12
160	Bacteria spurned by self-absorbed cells. Nature Medicine, 2005, 11, 18-19.	30.7	11
161	From Species to Regional and Local Specialization of Intestinal Macrophages. Frontiers in Cell and Developmental Biology, 2020, 8, 624213.	3.7	11
162	Recognition of sodium- and potassium-dependent adenosine triphosphatase on mouse lymphoid cells by means of a monoclonal antibody. Cell and Tissue Research, 1984, 238, 253-61.	2.9	9

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163	The O-Chain of Brucella abortus Lipopolysaccharide Induces SDS-Resistant MHC Class II Molecules in Mouse B Cells. Biochemical and Biophysical Research Communications, 1994, 203, 1230-1236.	2.1	9
164	Innovative Germicidal <scp>UV</scp> and Photocatalytic System Dedicated to Aircraft Cabin Eliminates Volatile Organic Compounds and Pathogenic Microâ€Organisms. Clean - Soil, Air, Water, 2014, 42, 703-712.	1.1	9
165	Effector proteins support the asymmetric apportioning ofSalmonelladuring cytokinesis. Virulence, 2016, 7, 669-678.	4.4	9
166	Vaccine development targeting lipopolysaccharide structure modification. Microbes and Infection, 2018, 20, 455-460.	1.9	9
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