

Jean Celli

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

9,395
citations

81900

39
h-index

144013

57
g-index

63
all docs

63
docs citations

63
times ranked

14463
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	<i>Brucella</i> Evades Macrophage Killing via VirB-dependent Sustained Interactions with the Endoplasmic Reticulum. <i>Journal of Experimental Medicine</i> , 2003, 198, 545-556.	8.5	502
3	Noncanonical Inflammasome Activation of Caspase-4/Caspase-11 Mediates Epithelial Defenses against Enteric Bacterial Pathogens. <i>Cell Host and Microbe</i> , 2014, 16, 249-256.	11.0	371
4	Dissemination of invasive <i>Salmonella</i> via bacterial-induced extrusion of mucosal epithelia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17733-17738.	7.1	354
5	Autophagy-mediated reentry of <i>Francisella tularensis</i> into the endocytic compartment after cytoplasmic replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14578-14583.	7.1	315
6	Virulence factors of the human opportunistic pathogen <i>Serratia marcescens</i> identified by in vivo screening. <i>EMBO Journal</i> , 2003, 22, 1451-1460.	7.8	310
7	Selective Subversion of Autophagy Complexes Facilitates Completion of the <i>Brucella</i> Intracellular Cycle. <i>Cell Host and Microbe</i> , 2012, 11, 33-45.	11.0	290
8	<i>Brucella</i> Intracellular Replication Requires Trafficking Through the Late Endosomal/Lysosomal Compartment. <i>Traffic</i> , 2008, 9, 678-694.	2.7	255
9	Bacteria, the endoplasmic reticulum and the unfolded protein response: friends or foes?. <i>Nature Reviews Microbiology</i> , 2015, 13, 71-82.	28.6	209
10	Intracellular biology and virulence determinants of <i>Francisella tularensis</i> revealed by transcriptional profiling inside macrophages. <i>Cellular Microbiology</i> , 2009, 11, 1128-1150.	2.1	180
11	The <i>Francisella tularensis</i> pathogenicity island encodes a secretion system that is required for phagosome escape and virulence. <i>Molecular Microbiology</i> , 2009, 74, 1459-1470.	2.5	171
12	Surviving inside a macrophage: The many ways of <i>Brucella</i> . <i>Research in Microbiology</i> , 2006, 157, 93-98.	2.1	158
13	<i>Brucella</i> coopts the small GTPase Sar1 for intracellular replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1673-1678.	7.1	155
14	<i>Brucella</i> Modulates Secretory Trafficking via Multiple Type IV Secretion Effector Proteins. <i>PLoS Pathogens</i> , 2013, 9, e1003556.	4.7	154
15	<i>Salmonella</i> effectors within a single pathogenicity island are differentially expressed and translocated by separate type III secretion systems. <i>Molecular Microbiology</i> , 2002, 43, 1089-1103.	2.5	153
16	The Early Phagosomal Stage of <i>Francisella tularensis</i> Determines Optimal Phagosomal Escape and <i>Francisella</i> Pathogenicity Island Protein Expression. <i>Infection and Immunity</i> , 2008, 76, 5488-5499.	2.2	150
17	Pathogenic trickery: deception of host cell processes. <i>Nature Reviews Molecular Cell Biology</i> , 2001, 2, 578-588.	37.0	145
18	Circularization of Tn916 is required for expression of the transposon-encoded transfer functions: characterization of long tetracycline-inducible transcripts reading through the attachment site. <i>Molecular Microbiology</i> , 2002, 28, 103-117.	2.5	143

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19	Mechanisms of <i>Francisella tularensis</i> Intracellular Pathogenesis. Cold Spring Harbor Perspectives in Medicine, 2013, 3, a010314-a010314.	6.2	132
20	Enteropathogenic <i>Escherichia coli</i> mediates antiphagocytosis through the inhibition of PI 3-kinase-dependent pathways. EMBO Journal, 2001, 20, 1245-1258.	7.8	123
21	Organelle robbery: <i>Brucella</i> interactions with the endoplasmic reticulum. Current Opinion in Microbiology, 2004, 7, 93-97.	5.1	118
22	Sensing of Bacterial Type IV Secretion via the Unfolded Protein Response. MBio, 2013, 4, e00418-12.	4.1	112
23	Eating the strangers within: host control of intracellular bacteria via xenophagy. Cellular Microbiology, 2011, 13, 1319-1327.	2.1	111
24	Enteropathogenic <i>Escherichia coli</i> (EPEC) attachment to epithelial cells: exploiting the host cell cytoskeleton from the outside. Cellular Microbiology, 2000, 2, 1-9.	2.1	105
25	The changing nature of the <i>Brucella</i> -containing vacuole. Cellular Microbiology, 2015, 17, 951-958.	2.1	96
26	The Intracellular Life Cycle of <i>Brucella</i> spp. Microbiology Spectrum, 2019, 7, .	3.0	95
27	Enteropathogenic <i>Escherichia coli</i> Inhibits Phagocytosis. Infection and Immunity, 1999, 67, 490-495.	2.2	82
28	The <i>Francisella</i> Intracellular Life Cycle: Toward Molecular Mechanisms of Intracellular Survival and Proliferation. Frontiers in Microbiology, 2010, 1, 138.	3.5	80
29	Cytosolic clearance of replication-deficient mutants reveals <i>Francisella tularensis</i> interactions with the autophagic pathway. Autophagy, 2012, 8, 1342-1356.	9.1	78
30	Direct and Indirect Impairment of Human Dendritic Cell Function by Virulent <i>Francisella tularensis</i> Schu S4. Infection and Immunity, 2009, 77, 180-195.	2.2	77
31	Phagocytic Receptors Dictate Phagosomal Escape and Intracellular Proliferation of <i>Francisella tularensis</i> . Infection and Immunity, 2011, 79, 2204-2214.	2.2	77
32	A <i>Brucella</i> Type IV Effector Targets the COG Tethering Complex to Remodel Host Secretory Traffic and Promote Intracellular Replication. Cell Host and Microbe, 2017, 22, 317-329.e7.	11.0	72
33	Construction and Characterization of an Attenuated Purine Auxotroph in a <i>Francisella tularensis</i> Live Vaccine Strain. Infection and Immunity, 2006, 74, 4452-4461.	2.2	71
34	Secreted Effectors Encoded within and outside of the <i>Francisella</i> Pathogenicity Island Promote Intramacrophage Growth. Cell Host and Microbe, 2016, 20, 573-583.	11.0	68
35	Bacterial avoidance of phagocytosis. Trends in Microbiology, 2002, 10, 232-237.	7.7	66
36	Restricted cytosolic growth of <i>Francisella tularensis</i> subsp. <i>tularensis</i> by IFN- β activation of macrophages. Microbiology (United Kingdom), 2010, 156, 327-339.	1.8	63

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37	Objections to the transfer of <i>Francisella novicida</i> to the subspecies rank of <i>Francisella tularensis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1717-1718.	1.7	62
38	The <i>Francisella</i> O-antigen mediates survival in the macrophage cytosol via autophagy avoidance. <i>Cellular Microbiology</i> , 2014, 16, 862-877.	2.1	61
39	A <i>Legionella pneumophila</i> Effector Protein Encoded in a Region of Genomic Plasticity Binds to Dot/Icm-Modified Vacuoles. <i>PLoS Pathogens</i> , 2009, 5, e1000278.	4.7	59
40	A Phosphatidylinositol 3-Kinase Effector Alters Phagosomal Maturation to Promote Intracellular Growth of <i>Francisella</i> . <i>Cell Host and Microbe</i> , 2018, 24, 285-295.e8.	11.0	53
41	SopF, a phosphoinositide binding effector, promotes the stability of the nascent <i>Salmonella</i> -containing vacuole. <i>PLoS Pathogens</i> , 2019, 15, e1007959.	4.7	52
42	Low Dose Vaccination with Attenuated <i>Francisella tularensis</i> Strain SchuS4 Mutants Protects against Tularemia Independent of the Route of Vaccination. <i>PLoS ONE</i> , 2012, 7, e37752.	2.5	33
43	Avoidance and Subversion of Eukaryotic Homeostatic Autophagy Mechanisms by Bacterial Pathogens. <i>Journal of Molecular Biology</i> , 2016, 428, 3387-3398.	4.2	33
44	Postreplication Roles of the <i>Brucella</i> VirB Type IV Secretion System Uncovered via Conditional Expression of the VirB11 ATPase. <i>MBio</i> , 2016, 7, .	4.1	31
45	Acid Phosphatases Do Not Contribute to the Pathogenesis of Type A <i>Francisella tularensis</i> . <i>Infection and Immunity</i> , 2010, 78, 59-67.	2.2	28
46	Host-microbe interaction systems biology: lifecycle transcriptomics and comparative genomics. <i>Future Microbiology</i> , 2010, 5, 205-219.	2.0	27
47	IgE Is an Outer Membrane-Associated Lipoprotein Essential for Intracellular Survival and Murine Virulence of Type A <i>Francisella tularensis</i> . <i>Infection and Immunity</i> , 2013, 81, 4026-4040.	2.2	27
48	<i>Brucella abortus</i> Infection of Placental Trophoblasts Triggers Endoplasmic Reticulum Stress-Mediated Cell Death and Fetal Loss via Type IV Secretion System-Dependent Activation of CHOP. <i>MBio</i> , 2019, 10, .	4.1	27
49	Use of an excision reporter plasmid to study the intracellular mobility of the conjugative transposon Tn916 in Gram-positive bacteria. <i>Microbiology (United Kingdom)</i> , 1997, 143, 1253-1261.	1.8	23
50	Epistatic Interplay between Type IV Secretion Effectors Engages the Small GTPase Rab2 in the <i>Brucella</i> Intracellular Cycle. <i>MBio</i> , 2020, 11, .	4.1	23
51	Structure-Function Analysis of DipA, a <i>Francisella tularensis</i> Virulence Factor Required for Intracellular Replication. <i>PLoS ONE</i> , 2013, 8, e67965.	2.5	19
52	FTT0831c/FTL_0325 Contributes to <i>Francisella tularensis</i> Cell Division, Maintenance of Cell Shape, and Structural Integrity. <i>Infection and Immunity</i> , 2014, 82, 2935-2948.	2.2	15
53	Transcriptional analysis of the fix ABCXORF1 region of <i>Azorhizobium caulinodans</i> suggests post-transcriptional processing of the fix ABCXORF1 mRNA. <i>Molecular Genetics and Genomics</i> , 1992, 235, 422-431.	2.4	12
54	Intracellular Localization of <i>Brucella abortus</i> and <i>Francisella tularensis</i> in Primary Murine Macrophages. , 2008, 431, 133-145.		12

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55	A <i>Brucella</i> effector modulates the Arf6-Rab8a GTPase cascade to promote intravacuolar replication. EMBO Journal, 2021, 40, e107664.	7.8	11
56	The <i>Brucella</i> effector BspL targets the ER-associated degradation (ERAD) pathway and delays bacterial egress from infected cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	9
57	LRSAM1, an E3-Ubiquitin Ligase with a Sense for Bacteria. Cell Host and Microbe, 2012, 12, 735-736.	11.0	8
58	The Intracellular Life Cycle of <i>Brucella</i> spp., 0, , 101-111.		2