Bradley D Jones

List of Publications by Year
in descending order

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59 papers	4,141 citations	109264 35 h-index	138417 58 g-index
59 all docs	59 docs citations	59 times ranked	3747 citing authors

#	Article	IF	Citations
1	Ruffles induced by Salmonella and other stimuli direct macropinocytosis of bacteria. Nature, 1993, 364, 639-642.	13.7	451
2	SALMONELLOSIS: Host Immune Responses and Bacterial Virulence Determinants1. Annual Review of Immunology, 1996, 14, 533-561.	9.5	375
3	Salmonella Pathogenicity Island 2-Encoded Type III Secretion System Mediates Exclusion of NADPH Oxidase Assembly from the Phagosomal Membrane. Journal of Immunology, 2001, 166, 5741-5748.	0.4	205
4	Nonâ€invasive Salmonella typhimurium mutants are avirulent because of an inability to enter and destroy M cells of ileal Peyer's patches. Molecular Microbiology, 1997, 24, 697-709.	1.2	188
5	Interactions of the Invasive PathogensSalmonella typhimurium,Listeria monocytogenes, andShigella flexneriwith M Cells and Murine Peyerâ€™s Patches. Infection and Immunity, 1998, 66, 3758-3766.	1.0	171
6	Salmonella enterica Serovar Typhimurium Requires the Lpf, Pef, and Tafi Fimbriae for Biofilm Formation on HEp-2 Tissue Culture Cells and Chicken Intestinal Epithelium. Infection and Immunity, 2006, 74, 3156-3169.	1.0	151
7	Differential binding to and biofilm formation on, HEp-2 cells by Salmonella enterica Serovar Typhimurium is dependent upon allelic variation in the fimH gene of the fim gene cluster. Molecular Microbiology, 2002, 45, 1255-1265.	1.2	135
8	Exopolysaccharide Sugars Contribute to Biofilm Formation by Salmonella enterica Serovar Typhimurium on HEp-2 Cells and Chicken Intestinal Epithelium. Journal of Bacteriology, 2005, 187, 3214-3226.	1.0	113
9	Outer membrane vesicles displaying engineered glycotopes elicit protective antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3609-18.	3.3	112
10	HilE Interacts with HilD and Negatively Regulates hilA Transcription and Expression of the Salmonella enterica Serovar Typhimurium Invasive Phenotype. Infection and Immunity, 2003, 71, 1295-1305.	1.0	98
11	Identification, Characterization and Immunogenicity of an O-Antigen Capsular Polysaccharide of Francisella tularensis. PLoS ONE, 2010, 5, e11060.	1.1	98
12	Salmonella enterica Serovar Typhimurium Requires Nonsterol Precursors of the Cholesterol Biosynthetic Pathway for Intracellular Proliferation. Infection and Immunity, 2004, 72, 1036-1042.	1.0	92
13	The Salmonella-containing vacuole is a major site of intracellular cholesterol accumulation and recruits the GPI-anchored protein CD55. Cellular Microbiology, 2002, 4, 315-328.	1.1	91
14	Lon Protease Activity Causes Down-Regulation of Salmonella Pathogenicity Island 1 Invasion Gene Expression after Infection of Epithelial Cells. Infection and Immunity, 2004, 72, 2002-2013.	1.0	89
15	Multiple mechanisms of NADPH oxidase inhibition by type A and type BFrancisella tularensis. Journal of Leukocyte Biology, 2010, 88, 791-805.	1.5	86
16	Francisella tularensisSchu S4 O-Antigen and Capsule Biosynthesis Gene Mutants Induce Early Cell Death in Human Macrophages. Infection and Immunity, 2011, 79, 581-594.	1.0	81
17	Immunization with outer membrane vesicles displaying conserved surface polysaccharide antigen elicits broadly antimicrobial antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3106-E3115.	3.3	81
18	Transcription of the Salmonella Invasion Gene Activator, hilA , Requires HilD Activation in the Absence of Negative Regulators. Journal of Bacteriology, 2003, 185, 525-533.	1.0	76

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19	Hha Is a Negative Modulator of Transcription of hilA , the Salmonella enterica Serovar Typhimurium Invasion Gene Transcriptional Activator. Journal of Bacteriology, 2001, 183, 6620-6629.	1.0	75
20	Fis, a DNA nucleoid-associated protein, is involved in Salmonella typhimurium SPI-1 invasion gene expression. Molecular Microbiology, 2001, 39, 79-88.	1.2	73
21	Cutting Edge: Mutation of Francisella tularensis mviN Leads to Increased Macrophage Absent in Melanoma 2 Inflammasome Activation and a Loss of Virulence. Journal of Immunology, 2010, 185, 2670-2674.	0.4	73
22	Transcriptional Organization and Function of Invasion Genes within Salmonella enterica Serovar Typhimurium Pathogenicity Island 1, Including the prgH , prgI , prgJ , prgK , orgA , orgB , and orgC Genes. Infection and Immunity, 2000, 68, 3368-3376.	1.0	69
23	Francisella tularensisGenes Required for Inhibition of the Neutrophil Respiratory Burst and Intramacrophage Growth Identified by Random Transposon Mutagenesis of Strain LVS. Infection and Immunity, 2009, 77, 1324-1336.	1.0	69
24	Identification and characterization of mutants with increased expression ofhilA, the invasion gene transcriptional activator ofSalmonella typhimurium. FEMS Immunology and Medical Microbiology, 2000, 28, 25-35.	2.7	68
25	Identification ofmigR, a Regulatory Element of theFrancisella tularensisLive Vaccine StrainiglABCDVirulence Operon Required for Normal Replication and Trafficking in Macrophages. Infection and Immunity, 2009, 77, 2517-2529.	1.0	67
26	On-demand biomanufacturing of protective conjugate vaccines. Science Advances, 2021, 7, .	4.7	67
27	Salmonella Pathogenicity Island 2-Encoded Proteins SseC and SseD Are Essential for Virulence and Are Substrates of the Type III Secretion System. Infection and Immunity, 2001, 69, 737-743.	1.0	62
28	Uncovering the components of the Francisella tularensis virulence stealth strategy. Frontiers in Cellular and Infection Microbiology, 2014, 4, 32.	1.8	57
29	The fimYZ Genes Regulate Salmonella enterica Serovar Typhimurium Invasion in Addition to Type 1 Fimbrial Expression and Bacterial Motility. Infection and Immunity, 2005, 73, 1377-1385.	1.0	56
30	Salmonella enterica Serovars Gallinarum and Pullorum Expressing Salmonella enterica Serovar Typhimurium Type 1 Fimbriae Exhibit Increased Invasiveness for Mammalian Cells. Infection and Immunity, 2000, 68, 4782-4785.	1.0	53
31	Salmonella invasion gene regulation: a story of environmental awareness. Journal of Microbiology, 2005, 43 Spec No, 110-7.	1.3	52
32	Identification of cytokeratins as accessory mediators of Salmonella entry into eukaryotic cellsâ˜†. Life Sciences, 2002, 70, 1415-1426.	2.0	44
33	Identification of diminished tissue culture invasiveness among multiple antibiotic resistant Salmonella typhimurium DT104. Microbial Pathogenesis, 2000, 28, 37-44.	1.3	43
34	An In Vitro Model System Used To Study Adherence and Invasion of Francisella tularensis Live Vaccine Strain in Nonphagocytic Cells. Infection and Immunity, 2007, 75, 3178-3182.	1.0	43
35	Two-Component Regulators Control hilA Expression by Controlling fimZ and hilE Expression within Salmonella enterica Serovar Typhimurium. Infection and Immunity, 2015, 83, 978-985.	1.0	38
36	Identification of Differentially Regulated Francisella tularensis Genes by Use of a Newly Developed Tn 5 -Based Transposon Delivery System. Applied and Environmental Microbiology, 2008, 74, 2637-2645.	1.4	34

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37	Disruption of Francisella tularensis Schu S4 iglI , iglJ , and pdpC Genes Results in Attenuation for Growth in Human Macrophages and In Vivo Virulence in Mice and Reveals a Unique Phenotype for pdpC. Infection and Immunity, 2013, 81, 850-861.	1.0	34
38	Metabolic Reprogramming of Host Cells by Virulent Francisella tularensis for Optimal Replication and Modulation of Inflammation. Journal of Immunology, 2016, 196, 4227-4236.	0.4	29
39	Association of Novel Streptococcus sanguinis Virulence Factors With Pathogenesis in a Native Valve Infective Endocarditis Model. Frontiers in Microbiology, 2020, 11, 10.	1.5	29
40	Francisella tularensis Schu S4 Lipopolysaccharide Core Sugar and O-Antigen Mutants Are Attenuated in a Mouse Model of Tularemia. Infection and Immunity, 2014, 82, 1523-1539.	1.0	28
41	Identification of Listeria monocytogenes In Vivo-Induced Genes by Fluorescence-Activated Cell Sorting. Infection and Immunity, 2001, 69, 5016-5024.	1.0	27
42	Bacterial lipoproteins and other factors released byFrancisella tularensismodulate human neutrophil lifespan: Effects of aTLR1SNP on apoptosis inhibition. Cellular Microbiology, 2018, 20, e12795.	1.1	24
43	The Francisella tularensis migR, trmE , and cphA Genes Contribute to F. tularensis Pathogenicity Island Gene Regulation and Intracellular Growth by Modulation of the Stress Alarmone ppGpp. Infection and Immunity, 2013, 81, 2800-2811.	1.0	22
44	Metabolic Engineering of Salmonella Vaccine Bacteria To Boost Human VÎ³2VÎ´2 T Cell Immunity. Journal of Immunology, 2014, 193, 708-721.	0.4	22
45	Photograftable Zwitterionic Coatings Prevent Staphylococcus aureus and Staphylococcus epidermidis Adhesion to PDMS Surfaces. ACS Applied Bio Materials, 2021, 4, 1283-1293.	2.3	22
46	Biofilm Formation by Salmonella enterica Serovar Typhimurium and Escherichia coli on Epithelial Cells following Mixed Inoculations. Infection and Immunity, 2005, 73, 5198-5203.	1.0	19
47	Characterization of Francisella tularensis Schu S4 mutants identified from a transposon library screened for O-antigen and capsule deficiencies. Frontiers in Microbiology, 2015, 6, 338.	1.5	19
48	Characterization of Inner and Outer Membrane Proteins from Francisella tularensis Strains LVS and Schu S4 and Identification of Potential Subunit Vaccine Candidates. MBio, 2017, 8, .	1.8	17
49	Francisella tularensis Live Vaccine Strain Folate Metabolism and Pseudouridine Synthase Gene Mutants Modulate Macrophage Caspase-1 Activation. Infection and Immunity, 2013, 81, 201-208.	1.0	16
50	Inhibition ofSalmonella typhimuriumInvasion by Host Cell Expression of Secreted Bacterial Invasion Proteins. Infection and Immunity, 1998, 66, 5295-5300.	1.0	16
51	Inclusion of Epitopes That Expand High-Avidity CD4+T Cells Transforms Subprotective Vaccines to Efficacious Immunogens against VirulentFrancisella tularensis. Journal of Immunology, 2016, 197, 2738-2747.	0.4	14
52	Secretion of a putative cytotoxin in multiple antibiotic resistant Salmonella enterica serotype Typhimurium phagetype DT104. Microbial Pathogenesis, 2001, 31, 201-204.	1.3	13
53	Effects of microcin 24-producing Escherichia coli on shedding and multiple-antimicrobial resistance of Salmonella enterica serotype Typhimurium in pigs. American Journal of Veterinary Research, 2004, 65, 1616-1620.	0.3	13
54	Type IV Pili of Streptococcus sanguinis Contribute to Pathogenesis in Experimental Infective Endocarditis. Microbiology Spectrum, 2021, 9, e0175221.	1.2	13

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55	Interactions of Francisella tularensis with Alveolar Type II Epithelial Cells and the Murine Respiratory Epithelium. PLoS ONE, 2015, 10, e0127458.	1.1	11
56	The Ability to Acquire Iron Is Inversely Related to Virulence and the Protective Efficacy of Francisella tularensis Live Vaccine Strain. Frontiers in Microbiology, 2018, 9, 607.	1.5	9
57	A high-throughput genetic system for assessing the inhibition of proteins: identification of antibiotic resistance and virulence targets and their cognate inhibitors in Salmonella. Analytical Biochemistry, 2002, 310, 72-83.	1.1	6
58	Identification and characterization of mutants with increased expression of hilA, the invasion gene transcriptional activator of Salmonella typhimurium. FEMS Immunology and Medical Microbiology, 2000, 28, 25-35.	2.7	2
59	Phenotypic and genetic aspects of host cell invasion by Salmonella species. Developments in Plant Pathology, 1994, , 3-16.	0.1	0