Darren E Higgins

List of Publications by Year
in descending order

41	3,162	186265	289244
papers	citations	28 h-index	40 g-index

41	41	41	5934
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Flagellar Motility Is Critical for Listeria monocytogenes Biofilm Formation. Journal of Bacteriology, 2007, 189, 4418-4424.	2.2	385
2	Genome-Wide RNAi Screen for Host Factors Required for Intracellular Bacterial Infection. Science, 2005, 309, 1248-1251.	12.6	282
3	Listeriolysin O allows Listeria monocytogenes replication in macrophage vacuoles. Nature, 2008, 451, 350-354.	27.8	273
4	Listeria monocytogenesEvades Killing by Autophagy During Colonization of Host Cells. Autophagy, 2007, 3, 442-451.	9.1	229
5	Listeria monocytogenes regulates flagellar motility gene expression through MogR, a transcriptional repressor required for virulence. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12318-12323.	7.1	201
6	Requirement of the Listeria monocytogenes Broad-Range Phospholipase PC-PLC during Infection of Human Epithelial Cells. Journal of Bacteriology, 2003, 185, 6295-6307.	2.2	119
7	Listeria monocytogenes exploits efferocytosis to promote cell-to-cell spread. Nature, 2014, 509, 230-234.	27.8	118
8	Cytolysin-dependent delay of vacuole maturation in macrophages infected with Listeria monocytogenes. Cellular Microbiology, 2006, 8, 107-119.	2.1	117
9	A bifunctional O-GlcNAc transferase governs flagellar motility through anti-repression. Genes and Development, 2006, 20, 3283-3295.	5.9	107
10	Differential function of Listeria monocytogenes listeriolysin O and phospholipases C in vacuolar dissolution following cell-to-cell spread. Cellular Microbiology, 2007, 9, 179-195.	2.1	107
11	The MogR Transcriptional Repressor Regulates Nonhierarchal Expression of Flagellar Motility Genes and Virulence in Listeria monocytogenes. PLoS Pathogens, 2006, 2, e30.	4.7	96
12	The 5â€² untranslated region-mediated enhancement of intracellular listeriolysin O production is required forListeria monocytogenespathogenicity. Molecular Microbiology, 2005, 57, 1460-1473.	2.5	95
13	A Protein Thermometer Controls Temperature-Dependent Transcription of Flagellar Motility Genes in Listeria monocytogenes. PLoS Pathogens, 2011, 7, e1002153.	4.7	81
14	Delivery of protein to the cytosol of macrophages using Escherichia coli K-12. Molecular Microbiology, 1999, 31, 1631-1641.	2.5	74
15	Listeriolysin O Suppresses Phospholipase C-Mediated Activation of the Microbicidal NADPH Oxidase to Promote Listeria monocytogenes Infection. Cell Host and Microbe, 2011, 10, 627-634.	11.0	72
16	Invasion of the Brain by Listeria monocytogenes Is Mediated by InlF and Host Cell Vimentin. MBio, 2018, 9, .	4.1	72
17	Deciphering the landscape of host barriers toListeria monocytogenesinfection. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6334-6339.	7.1	68
18	Inducible Control of Virulence Gene Expression in Listeria monocytogenes : Temporal Requirement of Listeriolysin O during Intracellular Infection. Journal of Bacteriology, 2002, 184, 5935-5945.	2.2	59

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19	An ATG16L1-dependent pathway promotes plasma membrane repair and limits Listeria monocytogenes cell-to-cell spread. Nature Microbiology, 2018, 3, 1472-1485.	13.3	57
20	The Diaphanous-Related Formins Promote Protrusion Formation and Cell-to-Cell Spread ofListeria monocytogenes. Journal of Infectious Diseases, 2015, 211, 1185-1195.	4.0	49
21	Identification of Listeria monocytogenes Determinants Required for Biofilm Formation. PLoS ONE, 2014, 9, e113696.	2.5	48
22	Transcriptional and postâ€transcriptional regulation of the GmaR antirepressor governs temperatureâ€dependent control of flagellar motility in Listeria monocytogenes. Molecular Microbiology, 2009, 74, 421-435.	2.5	43
23	A Small-Molecule Screen Identifies the Antipsychotic Drug Pimozide as an Inhibitor ofListeria monocytogenesInfection. Antimicrobial Agents and Chemotherapy, 2009, 53, 756-764.	3.2	41
24	Inhibition of ROCK activity allows InlFâ€mediated invasion and increased virulence of Listeria monocytogenes. Molecular Microbiology, 2008, 68, 749-767.	2.5	39
25	The VirAB ABC Transporter Is Required for VirR Regulation of Listeria monocytogenes Virulence and Resistance to Nisin. Infection and Immunity, 2018, 86, .	2.2	38
26	Recognition of AT-Rich DNA Binding Sites by the MogR Repressor. Structure, 2009, 17, 769-777.	3.3	33
27	Perturbation of vacuolar maturation promotes listeriolysin O-independent vacuolar escape duringListeria monocytogenesinfection of human cells. Cellular Microbiology, 2009, 11, 1382-1398.	2.1	33
28	Interactions of Listeria monocytogenes with the Autophagy System of Host Cells. Advances in Immunology, 2012, 113, 7-18.	2.2	28
29	Type I interferon promotes cell-to-cell spread ofListeria monocytogenes. Cellular Microbiology, 2017, 19, e12660.	2.1	27
30	Genomic approaches to understanding bacterial virulence. Current Opinion in Microbiology, 2007, 10, 4-9.	5.1	25
31	Inhibition of Listeria monocytogenes infection by neurological drugs. International Journal of Antimicrobial Agents, 2010, 35, 292-296.	2.5	24
32	Novel Adjuvant Based on the Pore-Forming Protein Sticholysin II Encapsulated into Liposomes Effectively Enhances the Antigen-Specific CTL-Mediated Immune Response. Journal of Immunology, 2017, 198, 2772-2784.	0.8	23
33	Resolution of Chlamydia trachomatis Infection Is Associated with a Distinct T Cell Response Profile. Vaccine Journal, 2015, 22, 1206-1218.	3.1	20
34	The Vacuolar Pathway in Macrophages Plays a Major Role in Antigen Cross-Presentation Induced by the Pore-Forming Protein Sticholysin II Encapsulated Into Liposomes. Frontiers in Immunology, 2018, 9, 2473.	4.8	20
35	Characterization of the pathogenesis and immune response to Listeria monocytogenes strains isolated from a sustained national outbreak. Scientific Reports, 2019, 9, 19587.	3.3	18
36	A Differential Fluorescence-Based Genetic Screen Identifies Listeria monocytogenes Determinants Required for Intracellular Replication. Journal of Bacteriology, 2013, 195, 3331-3340.	2.2	11

#	Article	IF	Citations
37	Listeria exploits IFITM3 to suppress antibacterial activity in phagocytes. Nature Communications, 2021, 12, 4999.	12.8	11
38	Strain-Specific Interactions of Listeria monocytogenes with the Autophagy System in Host Cells. PLoS ONE, 2015, 10, e0125856.	2.5	10
39	Cutting Edge: NOX2 NADPH Oxidase Controls Infection by an Intracellular Bacterial Pathogen through Limiting the Type 1 IFN Response. Journal of Immunology, 2021, 206, 323-328.	0.8	5
40	Sticholysins, pore-forming proteins from a marine anemone can induce maturation of dendritic cells through a TLR4 dependent-pathway. Molecular Immunology, 2021, 131, 144-154.	2.2	4
41	Influence of virulence attenuation on the efficacy of Listeria monocytogenes as a vaccine vector for stimulating antiâ€tumor immunity. FASEB Journal, 2008, 22, 1077.12.	0.5	0