James P R Connolly

List of Publications by Year in Descending Order

25 papers	437 citations	11 h-index	20 g-index
28 ext. papers	628 ext. citations	7.3 avg, IF	3.53 L-index

#	Paper	IF	Citations
25	d-Serine induces distinct transcriptomes in diverse pathotypes. *Microbiology (United Kingdom)*, **2021**, 167,	2.9	1
24	Prokaryotic life finds a way: insights from evolutionary experimentation in bacteria. *Critical Reviews in Microbiology*, **2021**, 47, 126-140	7.8	1
23	A highly conserved complete accessory Escherichia coli type III secretion system 2 is widespread in bloodstream isolates of the ST69 lineage. *Scientific Reports*, **2020**, 10, 4135	4.9	4
22	Plastic Circuits: Regulatory Flexibility in Fine Tuning Pathogen Success. *Trends in Microbiology*, **2020**, 28, 360-371	12.4	5
21	Propionic Acid Promotes the Virulent Phenotype of Crohn's Disease-Associated Adherent-Invasive Escherichia coli. *Cell Reports*, **2020**, 30, 2297-2305.e5	10.6	24
20	Widespread Strain-Specific Distinctions in Chromosomal Binding Dynamics of a Highly Conserved Escherichia coli Transcription Factor. *MBio*, **2020**, 11,	7.8	1
19	Genomic plasticity of pathogenic mediates d-serine tolerance via multiple adaptive mechanisms. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 22484-22493	11.5	3
18	Genomic and transcriptomic characterization of Pseudomonas aeruginosa small colony variants derived from a chronic infection model. *Microbial Genomics*, **2019**, 5,	4.4	7
17	Distinct intraspecies virulence mechanisms regulated by a conserved transcription factor. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 19695-19704	11.5	6
16	Control freaks-signals and cues governing the regulation of virulence in attaching and effacing pathogens. *Biochemical Society Transactions*, **2019**, 47, 229-238	5.1	10
15	Characterization of the Mode of Action of Aurodox, a Type III Secretion System Inhibitor from Streptomyces goldiniensis. *Infection and Immunity*, **2019**, 87,	3.7	15
14	Postgenomics Characterization of an Essential Genetic Determinant of Mammary Pathogenic. *MBio*, **2018**, 9,	7.8	25
13	Tracking elusive cargo: Illuminating spatio-temporal Type 3 effector protein dynamics using reporters. *Cellular Microbiology*, **2018**, 20, e12797	3.9	5
12	Host-associated niche metabolism controls enteric infection through fine-tuning the regulation of type 3 secretion. *Nature Communications*, **2018**, 9, 4187	17.4	23
11	Antibiotics induce sustained dysregulation of intestinal T cell immunity by perturbing macrophage homeostasis. *Science Translational Medicine*, **2018**, 10,	17.5	104
10	Novel compounds targeting the enterohemorrhagic Escherichia coli type three secretion system reveal insights into mechanisms of secretion inhibition. *Molecular Microbiology*, **2017**, 105, 606-619	4.1	14
9	Intracellular d-Serine Accumulation Promotes Genetic Diversity via Modulated Induction of RecA in Enterohemorrhagic Escherichia coli. *Journal of Bacteriology*, **2016**, 198, 3318-3328	3.5	6

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8	A Highly Conserved Bacterial D-Serine Uptake System Links Host Metabolism and Virulence. *PLoS Pathogens*, **2016**, 12, e1005359	7.6	35
7	When and where? Pathogenic differentially sense host D-serine using a universal transporter system to monitor their environment. *Microbial Cell*, **2016**, 3, 181-184	3.9	2
6	The Highly Conserved Transcription Factor YhaJ Regulates Aromatic Compound Degradation. *Frontiers in Microbiology*, **2016**, 7, 1490	5.7	16
5	Identification and Characterization of Novel Compounds Blocking Shiga Toxin Expression in O157:H7. *Frontiers in Microbiology*, **2016**, 7, 1930	5.7	8
4	The host metabolite D-serine contributes to bacterial niche specificity through gene selection. *ISME Journal*, **2015**, 9, 1039-51	11.9	28
3	From ingestion to colonization: the influence of the host environment on regulation of the LEE encoded type III secretion system in enterohaemorrhagic Escherichia coli. *Frontiers in Microbiology*, **2015**, 6, 568	5.7	45
2	The metabolic enzyme AdhE controls the virulence of Escherichia coli O157:H7. *Molecular Microbiology*, **2014**, 93, 199-211	4.1	40
1	Propionic acid promotes the virulent phenotype of Crohn disease-associated adherent-invasive Escherichia coli		2