

# Andrew J Darwin

## List of Publications by Year in descending order

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56  
papers

2,007  
citations

257450

24  
h-index

254184

43  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1807  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Pseudomonas aeruginosa</i> C-Terminal Processing Protease CtpA Assembles into a Hexameric Structure That Requires Activation by a Spiral-Shaped Lipoprotein-Binding Partner. <i>MBio</i> , 2022, 13, e0368021.	4.1	7
2	Bacterial Carboxyl-Terminal Processing Proteases Play Critical Roles in the Cell Envelope and Beyond. <i>Journal of Bacteriology</i> , 2022, 204, e0062821.	2.2	5
3	Direct and Indirect Interactions Promote Complexes of the Lipoprotein LbcA, the CtpA Protease and Its Substrates, and Other Cell Wall Proteins in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2021, 203, e0039321.	2.2	8
4	The C Terminus of Substrates Is Critical but Not Sufficient for Their Degradation by the <i>Pseudomonas aeruginosa</i> CtpA Protease. <i>Journal of Bacteriology</i> , 2020, 202, .	2.2	8
5	A Proteolytic Complex Targets Multiple Cell Wall Hydrolases in <i>Pseudomonas aeruginosa</i> . <i>MBio</i> , 2018, 9, .	4.1	40
6	Psp Stress Response Proteins Form a Complex with Mislocalized Secretins in the <i>Yersinia enterocolitica</i> Cytoplasmic Membrane. <i>MBio</i> , 2017, 8, .	4.1	11
7	Interactions between the Cytoplasmic Domains of PspB and PspC Silence the <i>Yersinia enterocolitica</i> Phage Shock Protein Response. <i>Journal of Bacteriology</i> , 2016, 198, 3367-3378.	2.2	12
8	The Phage Shock Protein Response. <i>Annual Review of Microbiology</i> , 2016, 70, 83-101.	7.3	97
9	Identification of YsaP, the Pilotin of the <i>Yersinia enterocolitica</i> Ysa Type III Secretion System. <i>Journal of Bacteriology</i> , 2015, 197, 2770-2779.	2.2	5
10	Activity of a Bacterial Cell Envelope Stress Response Is Controlled by the Interaction of a Protein Binding Domain with Different Partners. <i>Journal of Biological Chemistry</i> , 2015, 290, 11417-11430.	3.4	18
11	Cyclic Rhamnosylated Elongation Factor P Establishes Antibiotic Resistance in <i>Pseudomonas aeruginosa</i> . <i>MBio</i> , 2015, 6, e00823.	4.1	56
12	Elongation factor-P at the crossroads of the host-endosymbiont interface. <i>Microbial Cell</i> , 2015, 2, 360-362.	3.2	2
13	Regulation of bacterial virulence gene expression by cell envelope stress responses. <i>Virulence</i> , 2014, 5, 835-851.	4.4	33
14	Changes in Psp protein binding partners, localization and behaviour upon activation of the <i>Yersinia enterocolitica</i> phage shock protein response. <i>Molecular Microbiology</i> , 2013, 87, 656-671.	2.5	37
15	Stress Relief during Host Infection: The Phage Shock Protein Response Supports Bacterial Virulence in Various Ways. <i>PLoS Pathogens</i> , 2013, 9, e1003388.	4.7	51
16	The <i>Pseudomonas aeruginosa</i> Periplasmic Protease CtpA Can Affect Systems That Impact Its Ability To Mount Both Acute and Chronic Infections. <i>Infection and Immunity</i> , 2013, 81, 4561-4570.	2.2	40
17	Phage Shock Protein C (PspC) of <i>Yersinia enterocolitica</i> Is a Polytopic Membrane Protein with Implications for Regulation of the Psp Stress Response. <i>Journal of Bacteriology</i> , 2012, 194, 6548-6559.	2.2	15
18	Links between type III secretion and extracytoplasmic stress responses in <i>Yersinia</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2012, 2, 125.	3.9	9

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19	Recent findings about the <i>Yersinia enterocolitica</i> phage shock protein response. <i>Journal of Microbiology</i> , 2012, 50, 1-7.	2.8	27
20	Phage shock proteins B and C prevent lethal cytoplasmic membrane permeability in <i>Yersinia enterocolitica</i> . <i>Molecular Microbiology</i> , 2012, 85, 445-460.	2.5	33
21	The <i>Yersinia enterocolitica</i> Phage Shock Proteins B and C Can Form Homodimers and Heterodimers <i>In Vivo</i> with the Possibility of Close Association between Multiple Domains. <i>Journal of Bacteriology</i> , 2011, 193, 5747-5758.	2.2	13
22	FtsH-Dependent Degradation of Phage Shock Protein C in <i>Yersinia enterocolitica</i> and <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2011, 193, 6436-6442.	2.2	11
23	Membrane association of PspA depends on activation of the phage shock protein response in <i>Yersinia enterocolitica</i> . <i>Molecular Microbiology</i> , 2010, 78, 429-443.	2.5	35
24	YtxR Acts as an Overriding Transcriptional Off Switch for the <i>Yersinia enterocolitica</i> Ysc-Yop Type 3 Secretion System. <i>Journal of Bacteriology</i> , 2009, 191, 514-524.	2.2	11
25	Analysis of Secretin-Induced Stress in <i>Pseudomonas aeruginosa</i> Suggests Prevention Rather than Response and Identifies a Novel Protein Involved in Secretin Function. <i>Journal of Bacteriology</i> , 2009, 191, 898-908.	2.2	34
26	Analysis of the <i>Yersinia enterocolitica</i> PspBC proteins defines functional domains, essential amino acids and new roles within the phage shock protein response. <i>Molecular Microbiology</i> , 2009, 74, 619-633.	2.5	31
27	Global analysis of tolerance to secretin-induced stress in <i>Yersinia enterocolitica</i> suggests that the phage shock protein system may be a remarkably self-contained stress response. <i>Molecular Microbiology</i> , 2007, 65, 714-727.	2.5	39
28	Regulation of the Phage-Shock-Protein Stress Response in <i>Yersinia enterocolitica</i> . <i>Advances in Experimental Medicine and Biology</i> , 2007, 603, 167-177.	1.6	10
29	PspB and PspC of <i>Yersinia enterocolitica</i> are dual function proteins: regulators and effectors of the phage-shock-protein response. <i>Molecular Microbiology</i> , 2006, 59, 1610-1623.	2.5	45
30	YtxR, a Conserved LysR-Like Regulator That Induces Expression of Genes Encoding a Putative ADP-Ribosyltransferase Toxin Homologue in <i>Yersinia enterocolitica</i> . <i>Journal of Bacteriology</i> , 2006, 188, 8033-8043.	2.2	24
31	Multiple promoters control expression of the <i>Yersinia enterocolitica</i> phage-shock-protein A (pspA) operon. <i>Microbiology (United Kingdom)</i> , 2006, 152, 1001-1010.	1.8	27
32	The phage-shock-protein response. <i>Molecular Microbiology</i> , 2005, 57, 621-628.	2.5	259
33	Improved System for Construction and Analysis of Single-Copy $\hat{I}^2$ -Galactosidase Operon Fusions in <i>Yersinia enterocolitica</i> . <i>Applied and Environmental Microbiology</i> , 2005, 71, 5614-5618.	3.1	17
34	Genome-wide screens to identify genes of human pathogenic <i>Yersinia</i> species that are expressed during host infection. <i>Current Issues in Molecular Biology</i> , 2005, 7, 135-49.	2.4	17
35	PspG, a New Member of the <i>Yersinia enterocolitica</i> Phage Shock Protein Regulon. <i>Journal of Bacteriology</i> , 2004, 186, 4910-4920.	2.2	42
36	Identification of Inducers of the <i>Yersinia enterocolitica</i> Phage Shock Protein System and Comparison to the Regulation of the RpoE and Cpx Extracytoplasmic Stress Responses. <i>Journal of Bacteriology</i> , 2004, 186, 4199-4208.	2.2	72

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37	Periplasmic Nitrate Reductase (NapABC Enzyme) Supports Anaerobic Respiration by <i>Escherichia coli</i> K-12. <i>Journal of Bacteriology</i> , 2002, 184, 1314-1323.	2.2	139
38	The <i>psp</i> locus of <i>Yersinia enterocolitica</i> is required for virulence and for growth in vitro when the Ysc type III secretion system is produced. <i>Molecular Microbiology</i> , 2001, 39, 429-445.	2.5	91
39	<i>Yersinia enterocolitica</i> ClpB Affects Levels of Invasin and Motility. <i>Journal of Bacteriology</i> , 2000, 182, 5563-5571.	2.2	19
40	Identification of <i>Yersinia enterocolitica</i> genes affecting survival in an animal host using signature-tagged transposon mutagenesis. <i>Molecular Microbiology</i> , 1999, 32, 51-62.	2.5	212
41	Fnr, NarP, and NarL Regulation of <i>Escherichia coli</i> K-12 <i>napF</i> (Periplasmic Nitrate Reductase) Operon Transcription In Vitro. <i>Journal of Bacteriology</i> , 1998, 180, 4192-4198.	2.2	65
42	Differential regulation by the homologous response regulators NarL and NarP of <i>Escherichia coli</i> K12 depends on DNA binding site arrangement. <i>Molecular Microbiology</i> , 1997, 25, 583-595.	2.5	102
43	Analysis of nitrate regulatory protein NarL binding sites in the <i>fdnG</i> and <i>narG</i> operon control regions of <i>Escherichia coli</i> K12. <i>Molecular Microbiology</i> , 1996, 20, 621-632.	2.5	49
44	The NAR Modulon Systems: Nitrate and Nitrite Regulation of Anaerobic Gene Expression. , 1996, , 343-359.		40
45	Nitrate and Nitrite Regulation of the Fnr-dependent <i>taeg-46.5</i> Promoter of <i>Escherichia coli</i> K-12 is Mediated by Competition Between Homologous Response Regulators (NarL and NarP) for a Common DNA-binding Site. <i>Journal of Molecular Biology</i> , 1995, 251, 15-29.	4.2	74
46	Regulation of Extracellular Toxin Production in <i>Clostridium perfringens</i> . , 0, , 281-294.		1
47	Regulation of Bacterial Type IV Secretion. , 0, , 335-362.		8
48	Quorum Sensing in <i>Burkholderia</i> . , 0, , 40-57.		3
49	Regulation of Exopolysaccharide Biosynthesis in <i>Pseudomonas aeruginosa</i> . , 0, , 171-189.		1
50	Regulation of Virulence by Iron in Gram-Positive Bacteria. , 0, , 79-105.		0
51	Anthrax and Iron. , 0, , 307-313.		0
52	Toxin and Virulence Regulation in <i>Vibrio cholerae</i> . , 0, , 239-261.		0
53	PrfA and the <i>Listeria monocytogenes</i> Switch from Environmental Bacterium to Intracellular Pathogen. , 0, , 363-385.		0
54	Uropathogenic <i>Escherichia coli</i> Virulence and Gene Regulation. , 0, , 133-155.		0

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55	Regulation of Pneumococcal Surface Proteins and Capsule. , 0, , 190-208.		0
56	Regulation of Vesicle Formation. , 0, , 441-464.		0