

Timothy J Wells

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,576
citations

394421

19
h-index

377865

34
g-index

43
all docs

43
docs citations

43
times ranked

2344
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of an archetypal protein transport system in bacterial outer membranes. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 506-510.	8.2	192
2	A Commensal Gone Bad: Complete Genome Sequence of the Prototypical Enterotoxigenic <i>Escherichia coli</i> Strain H10407. <i>Journal of Bacteriology</i> , 2010, 192, 5822-5831.	2.2	168
3	Autotransporter proteins: novel targets at the bacterial cell surface. <i>FEMS Microbiology Letters</i> , 2007, 274, 163-172.	1.8	113
4	EhaA is a novel autotransporter protein of enterohemorrhagic <i>Escherichia coli</i> O157:H7 that contributes to adhesion and biofilm formation. <i>Environmental Microbiology</i> , 2008, 10, 589-604.	3.8	112
5	SadA, a Trimeric Autotransporter from <i>Salmonella enterica</i> Serovar Typhimurium, Can Promote Biofilm Formation and Provides Limited Protection against Infection. <i>Infection and Immunity</i> , 2011, 79, 4342-4352.	2.2	79
6	UpaH Is a Newly Identified Autotransporter Protein That Contributes to Biofilm Formation and Bladder Colonization by Uropathogenic <i>Escherichia coli</i> CFT073. <i>Infection and Immunity</i> , 2010, 78, 1659-1669.	2.2	77
7	Role of a single noncoding nucleotide in the evolution of an epidemic African clade of <i>Salmonella</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2614-E2623.	7.1	75
8	Increased severity of respiratory infections associated with elevated anti-LPS IgG2 which inhibits serum bactericidal killing. <i>Journal of Experimental Medicine</i> , 2014, 211, 1893-1904.	8.5	74
9	Laboratory adapted <i>Escherichia coli</i> K12 becomes a pathogen of <i>Caenorhabditis elegans</i> upon restoration of <i>O</i> antigen biosynthesis. <i>Molecular Microbiology</i> , 2013, 87, 939-950.	2.5	72
10	Size and Conformation Limits to Secretion of Disulfide-bonded Loops in Autotransporter Proteins. <i>Journal of Biological Chemistry</i> , 2011, 286, 42283-42291.	3.4	70
11	Molecular Characterization of the EhaG and UpaG Trimeric Autotransporter Proteins from Pathogenic <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 2179-2189.	3.1	65
12	Autotransporters of <i>Escherichia coli</i> : a sequence-based characterization. <i>Microbiology (United Kingdom)</i> , 2007, 151, 107-117.	1.8	53
13	Structural and Functional Characterization of Three DsbA Paralogues from <i>Salmonella enterica</i> Serovar Typhimurium. <i>Journal of Biological Chemistry</i> , 2010, 285, 18423-18432.	3.4	47
14	The <i>Escherichia coli</i> O157:H7 EhaB autotransporter protein binds to laminin and collagen I and induces a serum IgA response in O157:H7 challenged cattle. <i>Environmental Microbiology</i> , 2009, 11, 1803-1814.	3.8	46
15	Towards efficient immunotherapy for bacterial infection. <i>Trends in Microbiology</i> , 2022, 30, 158-169.	7.7	41
16	A generalised module for the selective extracellular accumulation of recombinant proteins. <i>Microbial Cell Factories</i> , 2012, 11, 69.	4.0	34
17	Mutational and Topological Analysis of the <i>Escherichia coli</i> BamA Protein. <i>PLoS ONE</i> , 2013, 8, e84512.	2.5	29
18	A Novel Method of Serum Resistance by <i>Escherichia coli</i> That Causes Urosepsis. <i>MBio</i> , 2018, 9, .	4.1	25

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19	Structure of dual BON-domain protein DolP identifies phospholipid binding as a new mechanism for protein localisation. <i>ELife</i> , 2020, 9, .	6.0	25
20	<i>Streptococcus</i> species enriched in the oral cavity of patients with RA are a source of peptidoglycan-polysaccharide polymers that can induce arthritis in mice. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 573-581.	0.9	24
21	Genotypic and Phenotypic Characterisation of Enteroaggregative <i>Escherichia coli</i> from Children in Rio de Janeiro, Brazil. <i>PLoS ONE</i> , 2013, 8, e69971.	2.5	21
22	YraP Contributes to Cell Envelope Integrity and Virulence of <i>Salmonella enterica</i> Serovar Typhimurium. <i>Infection and Immunity</i> , 2018, 86, .	2.2	19
23	Cross-species chimeras reveal BamA POTRA and β -barrel domains must be fine-tuned for efficient OMP insertion. <i>Molecular Microbiology</i> , 2015, 97, 646-659.	2.5	17
24	Bacterial flagellin promotes viral entry via an NF- κ B and Toll Like Receptor 5 dependent pathway. <i>Scientific Reports</i> , 2019, 9, 7903.	3.3	16
25	The Use of Plasmapheresis in Patients with Bronchiectasis with <i>Pseudomonas aeruginosa</i> Infection and Inhibitory Antibodies. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 955-958.	5.6	11
26	Antibody-Dependent Enhancement of Bacterial Disease: Prevalence, Mechanisms, and Treatment. <i>Infection and Immunity</i> , 2021, 89, .	2.2	11
27	Treatment of life-threatening <i>Pseudomonas aeruginosa</i> infection by pheresis of inhibitory antibodies. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 87-89.	0.6	7
28	Inhibition of the master regulator of <i>Listeria monocytogenes</i> virulence enables bacterial clearance from spacious replication vacuoles in infected macrophages. <i>PLoS Pathogens</i> , 2022, 18, e1010166.	4.7	7
29	Antigen Localization Influences the Magnitude and Kinetics of Endogenous Adaptive Immune Response to Recombinant <i>Salmonella</i> Vaccines. <i>Infection and Immunity</i> , 2017, 85, .	2.2	6
30	Genomic diversity and antimicrobial resistance of <i>Prevotella</i> species isolated from chronic lung disease airways. <i>Microbial Genomics</i> , 2022, 8, .	2.0	6
31	Type 1 and 5 secretion systems and associated toxins. , 2013, , 499-532.		5
32	Mediation of Interleukin-23 and Tumor Necrosis Factor-Driven Reactive Arthritis by <i>Chlamydia</i> -Infected Macrophages in SKG Mice. <i>Arthritis and Rheumatology</i> , 2021, 73, 1200-1210.	5.6	5
33	Anti-LPS IgA and IgG Can Inhibit Serum Killing of <i>Pseudomonas aeruginosa</i> in Patients with Cystic Fibrosis. <i>Infection and Immunity</i> , 2021, 89, e0041221.	2.2	5
34	BamA and BamD Are Essential for the Secretion of Trimeric Autotransporter Adhesins. <i>Frontiers in Microbiology</i> , 2021, 12, 628879.	3.5	4
35	Inferior outcomes in lung transplant recipients with serum <i>Pseudomonas aeruginosa</i> specific cloaking antibodies. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 951-959.	0.6	4
36	CIS and TGF β regulatory pathways influence immunity to bacterial infection. <i>Immunology</i> , 0, , .	4.4	1