

Mark E Wickham

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

3,203
citations

27
h-index

33
g-index

33
ext. papers

3,495
ext. citations

10.3
avg, IF

4.35
L-index

#	Paper	IF	Citations
33	Host-mediated inflammation disrupts the intestinal microbiota and promotes the overgrowth of Enterobacteriaceae. <i>Cell Host and Microbe</i> , 2007 , 2, 119-29	23.4	665
32	Targeted gene disruption shows that knobs enable malaria-infected red cells to cytoadhere under physiological shear stress. <i>Cell</i> , 1997 , 89, 287-96	56.2	364
31	Host-mediated inflammation disrupts the intestinal microbiota and promotes the overgrowth of Enterobacteriaceae. <i>Cell Host and Microbe</i> , 2007 , 2, 204	23.4	323
30	Molecular analysis as an aid to assess the public health risk of non-O157 Shiga toxin-producing Escherichia coli strains. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 2153-60	4.8	151
29	Attaching and effacing pathogen-induced tight junction disruption in vivo. <i>Cellular Microbiology</i> , 2006 , 8, 634-45	3.9	149
28	Selective inhibition of a two-step egress of malaria parasites from the host erythrocyte. <i>Journal of Biological Chemistry</i> , 2003 , 278, 37658-63	5.4	125
27	Fluorescence photobleaching analysis for the study of cellular dynamics. <i>European Biophysics Journal</i> , 2002 , 31, 36-51	1.9	114
26	Citrobacter rodentium infection causes both mitochondrial dysfunction and intestinal epithelial barrier disruption in vivo: role of mitochondrial associated protein (Map). <i>Cellular Microbiology</i> , 2006 , 8, 1669-86	3.9	105
25	Bacterial genetic determinants of non-O157 STEC outbreaks and hemolytic-uremic syndrome after infection. <i>Journal of Infectious Diseases</i> , 2006 , 194, 819-27	7	98
24	Negative regulation of Salmonella pathogenicity island 2 is required for contextual control of virulence during typhoid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 17460-5	11.5	85
23	Attaching and effacing bacterial effector NleC suppresses epithelial inflammatory responses by inhibiting NF- κ B and p38 mitogen-activated protein kinase activation. <i>Infection and Immunity</i> , 2011 , 79, 3552-62	3.7	75
22	Crossing the line: selection and evolution of virulence traits. <i>PLoS Pathogens</i> , 2006 , 2, e42	7.6	73
21	A homologue of Sar1p localises to a novel trafficking pathway in malaria-infected erythrocytes. <i>European Journal of Cell Biology</i> , 1999 , 78, 453-62	6.1	73
20	Functional analysis of proteins involved in Plasmodium falciparum merozoite invasion of red blood cells. <i>FEBS Letters</i> , 2000 , 476, 84-8	3.8	72
19	Plasmodium falciparum homologue of the genes for Plasmodium vivax and Plasmodium yoelii adhesive proteins, which is transcribed but not translated. <i>Infection and Immunity</i> , 2001 , 69, 3635-45	3.7	68
18	The chromosomal organization of the Plasmodium falciparum var gene family is conserved. <i>Molecular and Biochemical Parasitology</i> , 1997 , 87, 49-60	1.9	61
17	Correct promoter control is needed for trafficking of the ring-infected erythrocyte surface antigen to the host cytosol in transfected malaria parasites. <i>Infection and Immunity</i> , 2004 , 72, 6095-105	3.7	61

16	SseL is a salmonella-specific translocated effector integrated into the SsrB-controlled salmonella pathogenicity island 2 type III secretion system. <i>Infection and Immunity</i> , 2007 , 75, 574-80	3.7	58
15	Multiple var gene transcripts are expressed in Plasmodium falciparum infected erythrocytes selected for adhesion. <i>Molecular and Biochemical Parasitology</i> , 2001 , 114, 227-37	1.9	57
14	Genomic O island 122, locus for enterocyte effacement, and the evolution of virulent verocytotoxin-producing Escherichia coli. <i>Journal of Bacteriology</i> , 2008 , 190, 5832-40	3.5	53
13	Salmonella phage ST64B encodes a member of the SseK/NleB effector family. <i>PLoS ONE</i> , 2011 , 6, e17824	3.7	52
12	Genetic and molecular analysis of GogB, a phage-encoded type III-secreted substrate in Salmonella enterica serovar typhimurium with autonomous expression from its associated phage. <i>Journal of Molecular Biology</i> , 2005 , 348, 817-30	6.5	49
11	Pathogenic adaptation of intracellular bacteria by rewiring a cis-regulatory input function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 3982-7	11.5	48
10	Virulence is positively selected by transmission success between mammalian hosts. <i>Current Biology</i> , 2007 , 17, 783-8	6.3	48
9	Citrobacter rodentium virulence in mice associates with bacterial load and the type III effector NleE. <i>Microbes and Infection</i> , 2007 , 9, 400-7	9.3	35
8	Oral infection of mice with Salmonella enterica serovar Typhimurium causes meningitis and infection of the brain. <i>BMC Infectious Diseases</i> , 2007 , 7, 65	4	29
7	Characterization of the NleF effector protein from attaching and effacing bacterial pathogens. <i>FEMS Microbiology Letters</i> , 2008 , 281, 98-107	2.9	28
6	Characterisation of the merozoite surface protein-2 promoter using stable and transient transfection in Plasmodium falciparum. <i>Molecular and Biochemical Parasitology</i> , 2003 , 129, 147-56	1.9	26
5	Functional analysis of Plasmodium falciparum merozoite antigens: implications for erythrocyte invasion and vaccine development. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2002 , 357, 25-33	5.8	24
4	MSP1(19) miniproteins can serve as targets for invasion inhibitory antibodies in Plasmodium falciparum provided they contain the correct domains for cell surface trafficking. <i>Molecular Microbiology</i> , 2008 , 68, 124-38	4.1	23
3	Multiple seropathotypes of verotoxin-producing Escherichia coli (VTEC) disrupt interferon-gamma-induced tyrosine phosphorylation of signal transducer and activator of transcription (Stat)-1. <i>Microbial Pathogenesis</i> , 2007 , 42, 62-71	3.8	8
2	Gene patents in Australia: where do we stand?. <i>Nature Biotechnology</i> , 2012 , 30, 323-4	44.5	3
1	Patent watch: Australia's highest court decides isolated nucleic acids are not patent eligible. <i>Nature Reviews Drug Discovery</i> , 2015 , 14, 813	64.1	