Richard A Strugnell

List of Publications by Year
in descending order

173	10,387	34076	43868
papers	citations	52 h-index	91 g-index

182	182	182	14197
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genomic analysis of diversity, population structure, virulence, and antimicrobial resistance in Klebsiella pneumoniae , an urgent threat to public health. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3574-81.	3.3	942
2	T-cell activation by transitory neo-antigens derived from distinct microbial pathways. Nature, 2014, 509, 361-365.	13.7	731
3	Gastrointestinal Carriage Is a Major Reservoir of Klebsiella pneumoniae Infection in Intensive Care Patients. Clinical Infectious Diseases, 2017, 65, 208-215.	2.9	381
4	The Microbiota Mediates Pathogen Clearance from the Gut Lumen after Non-Typhoidal Salmonella Diarrhea. PLoS Pathogens, 2010, 6, e1001097.	2.1	314
5	Emerging rules for effective antimicrobial coatings. Trends in Biotechnology, 2014, 32, 82-90.	4.9	257
6	The role of secretory antibodies in infection immunity. Nature Reviews Microbiology, 2010, 8, 656-667.	13.6	248
7	Innate secretory antibodies protect against natural Salmonella typhimurium infection. Journal of Experimental Medicine, 2006, 203, 21-26.	4.2	234
8	MrkH, a Novel c-di-GMP-Dependent Transcriptional Activator, Controls Klebsiella pneumoniae Biofilm Formation by Regulating Type 3 Fimbriae Expression. PLoS Pathogens, 2011, 7, e1002204.	2.1	195
9	Discovery of an archetypal protein transport system in bacterial outer membranes. Nature Structural and Molecular Biology, 2012, 19, 506-510.	3.6	192
10	MAIT cells protect against pulmonary Legionella longbeachae infection. Nature Communications, 2018, 9, 3350.	5.8	177
11	Influenza A virus facilitatesStreptococcus pneumoniaetransmission and disease. FASEB Journal, 2010, 24, 1789-1798.	0.2	173
12	Central Role for B Lymphocytes and CD4 + T Cells in Immunity to Infection by the Attaching and Effacing Pathogen Citrobacter rodentium. Infection and Immunity, 2003, 71, 5077-5086.	1.0	159
13	Small <scp>RNA</scp> interactome of pathogenic E.Âcoli revealed through crosslinking of <scp>RN</scp>ase E. EMBO Journal, 2017, 36, 374-387.	3.5	153
14	NLRC4 inflammasomes in dendritic cells regulate noncognate effector function by memory CD8+ T cells. Nature Immunology, 2012, 13, 162-169.	7.0	150
15	Identification of a protein secretory pathway for the secretion of heat-labile enterotoxin by an enterotoxigenic strain of Escherichia coli. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7066-7071.	3.3	144
16	The intracellular pathway for the presentation of vitamin Bâ€“related antigens by the antigen-presenting molecule MR1. Nature Immunology, 2016, 17, 531-537.	7.0	127
17	Atlas of group A streptococcal vaccine candidates compiled using large-scale comparative genomics. Nature Genetics, 2019, 51, 1035-1043.	9.4	120
18	Antimicrobial-Resistant Klebsiella pneumoniae Carriage and Infection in Specialized Geriatric Care Wards Linked to Acquisition in the Referring Hospital. Clinical Infectious Diseases, 2018, 67, 161-170.	2.9	108

#	Article	IF	Citations
19	Bastion6: a bioinformatics approach for accurate prediction of type VI secreted effectors. Bioinformatics, 2018, 34, 2546-2555.	1.8	108
20	Spatially resolved force spectroscopy of bacterial surfaces using force-volume imaging. Colloids and Surfaces B: Biointerfaces, 2008, 62, 206-213.	2.5	101
21	Characterization and evidence of mobilization of the LEE pathogenicity island of rabbit-specific strains of enteropathogenic Escherichia coli. Molecular Microbiology, 2002, 44, 1533-1550.	1.2	100
22	The Multi-Copper-Ion Oxidase CueO of Salmonella enterica Serovar Typhimurium Is Required for Systemic Virulence. Infection and Immunity, 2010, 78, 2312-2319.	1.0	98
23	Flexible Usage and Interconnectivity of Diverse Cell Death Pathways Protect against Intracellular Infection. Immunity, 2020, 53, 533-547.e7.	6.6	98
24	Secondary Acylation of Klebsiella pneumoniae Lipopolysaccharide Contributes to Sensitivity to Antibacterial Peptides. Journal of Biological Chemistry, 2007, 282, 15569-15577.	1.6	95
25	Genetic vaccination strategies for enhanced cellular, humoral and mucosal immunity. Immunological Reviews, 1999, 171, 27-44.	2.8	88
26	Contribution of Thy1⁺NK cells to protective IFN-Î³ production duringSalmonellaTyphimurium infections. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2252-2257.	3.3	87
27	Secretory Antibodies Do Not Affect the Composition of the Bacterial Microbiota in the Terminal Ileum of 10-Week-Old Mice. Applied and Environmental Microbiology, 2003, 69, 2100-2109.	1.4	86
28	Stable expression of foreign antigens from the chromosome of Salmonella typhimurium vaccine strains. Gene, 1990, 88, 57-63.	1.0	85
29	Role of the Polymeric Ig Receptor in Mucosal B Cell Homeostasis. Journal of Immunology, 2003, 170, 2531-2539.	0.4	84
30	Coupled Electrostatic, Hydrodynamic, and Mechanical Properties of Bacterial Interfaces in Aqueous Media. Langmuir, 2008, 24, 10988-10995.	1.6	84
31	Vaccine development: From concept to early clinical testing. Vaccine, 2016, 34, 6655-6664.	1.7	82
32	Macrophages Are Mediators of Gastritis in Acute Helicobacter pylori Infection in C57BL/6 Mice. Infection and Immunity, 2008, 76, 2235-2239.	1.0	76
33	IL-23 costimulates antigen-specific MAIT cell activation and enables vaccination against bacterial infection. Science Immunology, 2019, 4, .	5.6	75
34	Comparison of the Abilities of Different AttenuatedSalmonella typhimuriumStrains To Elicit Humoral Immune Responses against a Heterologous Antigen. Infection and Immunity, 1998, 66, 732-740.	1.0	73
35	Vaccine-induced protection against gastrointestinal bacterial infections in the absence of secretory antibodies. European Journal of Immunology, 2005, 35, 180-188.	1.6	72
36	The Major Surface-Associated Saccharides of Klebsiella pneumoniae Contribute to Host Cell Association. PLoS ONE, 2008, 3, e3817.	1.1	72

#	Article	IF	Citations
37	The WD40 Protein BamB Mediates Coupling of BAM Complexes into Assembly Precincts in the Bacterial Outer Membrane. Cell Reports, 2018, 23, 2782-2794.	2.9	72
38	Successful Boosting of a DNA Measles Immunization with an Oral Plant-Derived Measles Virus Vaccine. Journal of Virology, 2002, 76, 7910-7912.	1.5	71
39	Secretory antibodies reduce systemic antibody responses against the gastrointestinal commensal flora. International Immunology, 2007, 19, 257-265.	1.8	70
40	Fitness cost of mcr-1-mediated polymyxin resistance in Klebsiella pneumoniae. Journal of Antimicrobial Chemotherapy, 2018, 73, 1604-1610.	1.3	68
41	An Outbreak of Carbapenem-Resistant and Hypervirulent Klebsiella pneumoniae in an Intensive Care Unit of a Major Teaching Hospital in Wenzhou, China. Frontiers in Public Health, 2019, 7, 229.	1.3	67
42	A Bioinformatic Strategy for the Detection, Classification and Analysis of Bacterial Autotransporters. PLoS ONE, 2012, 7, e43245.	1.1	65
43	Systematic analysis and prediction of type IV secreted effector proteins by machine learning approaches. Briefings in Bioinformatics, 2019, 20, 931-951.	3.2	65
44	The reducible complexity of a mitochondrial molecular machine. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15791-15795.	3.3	64
45	Dual role for macrophagesin vivo in pathogenesis and control of murineSalmonella enterica var.Typhimurium infections. European Journal of Immunology, 2000, 30, 944-953.	1.6	63
46	Seroepidemiology of Klebsiella pneumoniae in an Australian Tertiary Hospital and Its Implications for Vaccine Development. Journal of Clinical Microbiology, 2006, 44, 102-107.	1.8	62
47	T Cell Help Amplifies Innate Signals in CD8 + DCs for Optimal CD8 + T Cell Priming. Cell Reports, 2016, 14, 586-597.	2.9	62
48	Extensively Drug-Resistant Klebsiella pneumoniae Causing Nosocomial Bloodstream Infections in China: Molecular Investigation of Antibiotic Resistance Determinants, Informing Therapy, and Clinical Outcomes. Frontiers in Microbiology, 2017, 8, 1230.	1.5	61
49	Humoral immune responses to DNA vaccines expressing secreted, membrane bound and non-secreted forms of the. Vaccine, 2000, 18, 2522-2532.	1.7	60
50	Successful treatment of biofilm infections using shock waves combined with antibiotic therapy. Scientific Reports, 2015, 5, 17440.	1.6	60
51	Assembly of the Type II Secretion System such as Found in Vibrio cholerae Depends on the Novel Pilotin AspS. PLoS Pathogens, 2013, 9, e1003117.	2.1	59
52	Role of Capsular Polysaccharides in Biofilm Formation: An AFM Nanomechanics Study. ACS Applied Materials & Interfaces, 2015, 7, 13007-13013.	4.0	58
53	Eukaryotic Expression of Recombinant Biglycan. Journal of Biological Chemistry, 1996, 271, 19571-19577.	1.6	56
54	Salmonella Effectors SseK1 and SseK3 Target Death Domain Proteins in the TNF and TRAIL Signaling Pathways*. Molecular and Cellular Proteomics, 2019, 18, 1138-1156.	2.5	55

#	Article	IF	Citations
55	Mucosal-Associated Invariant T Cells Augment Immunopathology and Gastritis in Chronic Helicobacter pylori Infection. Journal of Immunology, 2018, 200, 1901-1916.	0.4	54
56	Intranasal immunization with liposomes induces strong mucosal immune responses in mice. European Journal of Immunology, 1995, 25, 969-975.	1.6	53
57	The role of macrophages in the induction and regulation of immunity elicited by exogenous antigens. European Journal of Immunology, 1998, 28, 479-487.	1.6	52
58	Effective assembly of fimbriae in Escherichia coli depends on the translocation assembly module nanomachine. Nature Microbiology, 2016, 1, 16064.	5.9	52
59	Use of In Vivo-Regulated Promoters To Deliver Antigens from Attenuated Salmonella enterica var. Typhimurium. Infection and Immunity, 1999, 67, 5133-5141.	1.0	52
60	Molecular Characterization of a Secreted Enzyme with Phospholipase B Activity from Moraxella bovis. Journal of Bacteriology, 2001, 183, 6717-6720.	1.0	51
61	Genomic dissection of Klebsiella pneumoniae infections in hospital patients reveals insights into an opportunistic pathogen. Nature Communications, 2022, 13, .	5.8	51
62	CD4 + CD25 + Regulatory T Cells Modulate the T-Cell and Antibody Responses in Helicobacter -Infected BALB/c Mice. Infection and Immunity, 2006, 74, 3519-3529.	1.0	50
63	Reactive oxygen species are the major antibacterials against Salmonella Typhimurium purine auxotrophs in the phagosome of RAW 264.7 cells. Cellular Microbiology, 2008, 10, 1058-1073.	1.1	49
64	Bicarbonateâ€mediated transcriptional activation of divergent operons by the virulence regulatory protein, RegA, from Citrobacter rodentium. Molecular Microbiology, 2008, 68, 314-327.	1.2	48
65	Different Bacterial Pathogens, Different Strategies, Yet the Aim Is the Same: Evasion of Intestinal Dendritic Cell Recognition. Journal of Immunology, 2010, 184, 2237-2242.	0.4	48
66	Atomic Force Microscopy Reveals the Mechanobiology of Lytic Peptide Action on Bacteria. Langmuir, 2015, 31, 6164-6171.	1.6	48
67	Chronic Helicobacter pylori Infection Does Not Significantly Alter the Microbiota of the Murine Stomach. Applied and Environmental Microbiology, 2007, 73, 1010-1013.	1.4	47
68	Influenza Virus Induces Bacterial and Nonbacterial Otitis Media. Journal of Infectious Diseases, 2011, 204, 1857-1865.	1.9	47
69	Assembly of the secretion pores <scp>GspD</scp>, <scp>W</scp>za and <scp>CsgG</scp> into bacterial outer membranes does not require the <scp>O</scp>mp85 proteins <scp>BamA</scp> or <scp>TamA</scp>. Molecular Microbiology, 2015, 97, 616-629.	1.2	47
70	A mortiseâ€“tenon joint in the transmembrane domain modulates autotransporter assembly into bacterial outer membranes. Nature Communications, 2014, 5, 4239.	5.8	46
71	The H-NS protein represses transcription of the eltAB operon, which encodes heat-labile enterotoxin in enterotoxigenic Escherichia coli, by binding to regions downstream of the promoter. Microbiology (United Kingdom), 2005, 151, 1199-1208.	0.7	45
72	Resistance mechanisms and population structure of highly drug resistant Klebsiella in Pakistan during the introduction of the carbapenemase NDM-1. Scientific Reports, 2019, 9, 2392.	1.6	45

#	Article	IF	Citations
73	Humoral responses in mice following vaccination with DNA encoding glutathione S-transferase of Fasciola hepatica: effects of mode of vaccination and the cellular compartment of antigen expression. Parasite Immunology, 1999, 21, 357-364.	0.7	43
74	Transcriptional Regulation of the yghJ-pppA-yghG- gspCDEFGHIJKLM Cluster, Encoding the Type II Secretion Pathway in Enterotoxigenic Escherichia coli. Journal of Bacteriology, 2007, 189, 142-150.	1.0	43
75	F9 Fimbriae of Uropathogenic Escherichia coli Are Expressed at Low Temperature and Recognise Galî²1-3GlcNAc-Containing Glycans. PLoS ONE, 2014, 9, e93177.	1.1	43
76	Atomic force microscopy of bacteria reveals the mechanobiology of pore forming peptide action. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 1091-1098.	1.4	42
77	IN VITRO ONCOSPHERE-KILLING ASSAYS TO DETERMINE IMMUNITY TO THE LARVAE OF TAENIA PISIFORMIS, TAENIA OVIS, TAENIA SAGINATA, AND TAENIA SOLIUM. Journal of Parasitology, 2006, 92, 273-281.	0.3	41
78	Global Trends in Proteome Remodeling of the Outer Membrane Modulate Antimicrobial Permeability in Klebsiella pneumoniae. MBio, 2020, 11, .	1.8	41
79	Intranasal immunization with yeastâ€expressed 19â€ƒkD carboxylâ€terminal fragment ofPlasmodium yoeliimerozoite surface proteinâ€1 (yMSP119) induces protective immunity to blood stage malaria infection in mice. Parasite Immunology, 1998, 20, 413-420.	0.7	40
80	Vaccine antigens. Perspectives in Vaccinology, 2011, 1, 61-88.	0.2	40
81	Nanomechanics measurements of live bacteria reveal a mechanism for bacterial cell protection: the polysaccharide capsule in Klebsiella is a responsive polymer hydrogel that adapts to osmotic stress. Soft Matter, 2013, 9, 7560.	1.2	40
82	Conserved Features in the Structure, Mechanism, and Biogenesis of the Inverse Autotransporter Protein Family. Genome Biology and Evolution, 2016, 8, 1690-1705.	1.1	40
83	Influence of Fimbriae on Bacterial Adhesion and Viscoelasticity and Correlations of the Two Properties with Biofilm Formation. Langmuir, 2017, 33, 100-106.	1.6	39
84	Bacterial Redox Potential Powers Controlled Radical Polymerization. Journal of the American Chemical Society, 2021, 143, 286-293.	6.6	39
85	In Vivo IFN-Î³ Secretion by NK Cells in Response to Salmonella Typhimurium Requires NLRC4 Inflammasomes. PLoS ONE, 2014, 9, e97418.	1.1	37
86	Optimal protection againstSalmonellainfection requires noncirculating memory. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10416-10421.	3.3	37
87	Cross protective immunity conferred by a marker-free aroA mutant of Pasteurella multocida. Vaccine, 1997, 15, 203-208.	1.7	36
88	Molecular basis for the increased polymyxin susceptibility of Klebsiella pneumoniae strains with under-acylated lipid A. Innate Immunity, 2013, 19, 265-277.	1.1	36
89	Cellular Requirements for Systemic Control of Salmonella enterica Serovar Typhimurium Infections in Mice. Infection and Immunity, 2014, 82, 4997-5004.	1.0	36
90	Targeting subcapsular antigens for prevention of Klebsiella pneumoniae infections. Vaccine, 2008, 26, 5649-5653.	1.7	35

#	Article	IF	Citations
91	Conserved features in TamA enable interaction with TamB to drive the activity of the translocation and assembly module. Scientific Reports, 2015, 5, 12905.	1.6	35
92	Vaccine provision: Delivering sustained & widespread use. Vaccine, 2016, 34, 6665-6671.	1.7	35
93	CD8⁺T Cells Are Associated with Severe Gastritis inHelicobacter pylori- Infected Mice in the Absence of CD4⁺T Cells. Infection and Immunity, 2008, 76, 1289-1297.	1.0	32
94	Phylogenetic Analysis ofKlebsiella pneumoniaefrom Hospitalized Children, Pakistan. Emerging Infectious Diseases, 2017, 23, 1872-1875.	2.0	32
95	Characterization of aPasteurella multocidaPlasmid and Its Use to Express Recombinant Proteins inP. multocida. Plasmid, 1997, 37, 65-79.	0.4	31
96	Analysis of Salmonella enterica Serovar Typhimurium Variable-Number Tandem-Repeat Data for Public Health Investigation Based on Measured Mutation Rates and Whole-Genome Sequence Comparisons. Journal of Bacteriology, 2014, 196, 3036-3044.	1.0	31
97	Molecular Characterization of the Vacuolating Autotransporter Toxin in Uropathogenic Escherichia coli. Journal of Bacteriology, 2016, 198, 1487-1498.	1.0	31
98	A 320-Kilobase Artificial Chromosome Encoding the Human HLA DR3-DQ2 MHC Haplotype Confers HLA Restriction in Transgenic Mice. Journal of Immunology, 2002, 168, 3050-3056.	0.4	29
99	Induction of CD8+ T Lymphocytes by Salmonella typhimurium Is Independent of Salmonella Pathogenicity Island 1-Mediated Host Cell Death. Journal of Immunology, 2002, 169, 3275-3283.	0.4	28
100	In vitro and in vivo stability of recombinant plasmids in a vaccine strain ofSalmonella entericavar. Typhimurium. FEMS Immunology and Medical Microbiology, 2003, 37, 111-119.	2.7	28
101	Contribution of Secretory Antibodies to Intestinal Mucosal Immunity against Helicobacter pylori. Infection and Immunity, 2013, 81, 3880-3893.	1.0	28
102	Mechanistic Insights into the Capsule-Targeting Depolymerase from a Klebsiella pneumoniae Bacteriophage. Microbiology Spectrum, 2021, 9, e0102321.	1.2	28
103	Impact of plasmid stability on oral DNA delivery by Salmonella enterica serovar Typhimurium. Vaccine, 2007, 25, 1476-1483.	1.7	27
104	ORIGINAL ARTICLE: Polyâ€Immunoglobulin Receptorâ€Mediated Transport of IgA into the Male Genital Tract is Important for Clearance of Chlamydia muridarum Infection. American Journal of Reproductive Immunology, 2008, 60, 405-414.	1.2	27
105	Molecular and Antigenic Analysis of Treponemes. Critical Reviews in Microbiology, 1990, 17, 231-250.	2.7	26
106	Using Bioluminescent Imaging to Investigate Synergism Between Streptococcus pneumoniae and Influenza A Virus in Infant Mice. Journal of Visualized Experiments, 2011, , .	0.2	26
107	Measuring Bacterial Load and Immune Responses in Mice Infected with Listeria monocytogenes. Journal of Visualized Experiments, 2011, , .	0.2	26
108	Methionine biosynthesis and transport are functionally redundant for the growth and virulence of Salmonella Typhimurium. Journal of Biological Chemistry, 2018, 293, 9506-9519.	1.6	26

#	Article	IF	Citations
109	Epidemiology and risk factors for typhoid fever in Central Division, Fiji, 2014â€“2017: A case-control study. PLoS Neglected Tropical Diseases, 2018, 12, e0006571.	1.3	26
110	Salmonella vaccines: lessons from the mouse model or bad teaching?. Current Opinion in Microbiology, 2014, 17, 99-105.	2.3	25
111	Neisseria gonorrhoeae strain MS11 harbouring a mutation in gene aroA is attenuated and immunogenic. Microbial Pathogenesis, 1993, 15, 51-63.	1.3	24
112	A novel member of the NK-lysin protein family is developmentally regulated and secreted by Fasciola hepatica. Molecular and Biochemical Parasitology, 2000, 105, 297-303.	0.5	24
113	Local recall responses in the stomach involving reduced regulation and expanded help mediate vaccineâ€induced protection against Helicobacter pylori in mice. European Journal of Immunology, 2010, 40, 2778-2790.	1.6	24
114	Targeting of Neisserial PorB to the mitochondrial outer membrane: an insight on the evolution of Î²-barrel protein assembly machines. Molecular Microbiology, 2011, 82, 976-987.	1.2	24
115	Positive Autoregulation ofmrkHIby the Cyclic Di-GMP-Dependent MrkH Protein in the Biofilm Regulatory Circuit of Klebsiella pneumoniae. Journal of Bacteriology, 2015, 197, 1659-1667.	1.0	24
116	The flagellotropic bacteriophage YSD1 targets Salmonella Typhi with a Chiâ€like protein tailÂfibre. Molecular Microbiology, 2019, 112, 1831-1846.	1.2	24
117	Transcriptional Activation of the mrkA Promoter of the Klebsiella pneumoniae Type 3 Fimbrial Operon by the c-di-GMP-Dependent MrkH Protein. PLoS ONE, 2013, 8, e79038.	1.1	23
118	Comprehensive analysis of IncC plasmid conjugation identifies a crucial role for the transcriptional regulator AcaB. Nature Microbiology, 2020, 5, 1340-1348.	5.9	23
119	Health at the Sub-catchment Scale: Typhoid and Its Environmental Determinants in Central Division, Fiji. EcoHealth, 2016, 13, 633-651.	0.9	22
120	Appetising solutions: an edible vaccine for measles. Medical Journal of Australia, 2002, 176, 434-7.	0.8	21
121	Fasciola hepatica:Stage-Specific Expression of Novel Gene Sequences as Identified by Differential Display. Experimental Parasitology, 1998, 89, 169-179.	0.5	20
122	Developmental expression of a Fasciola hepatica sequence homologous to ABC transporters1Note:The sequence data reported in this paper have been submitted to GenBankâ„¢ and assigned the accession numbers L36247 and L36248.1. International Journal for Parasitology, 1998, 28, 1375-1381.	1.3	20
123	Immunity and vaccine development in Pasteurella multocida infections. Journal of Biotechnology, 1996, 44, 139-144.	1.9	18
124	Responses Against Complex Antigens in Various Models of CD4 T-Cell Deficiency: Surprises From an Anti-CD4 Antibody Transgenic Mouse. Immunologic Research, 2004, 30, 001-014.	1.3	17
125	Gamma Interferon-Independent Effects of Interleukin-12 on Immunity toSalmonella entericaSerovar Typhimurium. Infection and Immunity, 2007, 75, 5753-5762.	1.0	17
126	FusC, a member of the M16 protease family acquired by bacteria for iron piracy against plants. PLoS Biology, 2018, 16, e2006026.	2.6	17

#	Article	IF	Citations
127	Control of gonococcal pilin-encoding gene expression in Escherichia coli. Gene, 1993, 123, 45-50.	1.0	16
128	Cloning and manipulation of theCorynebacterium pseudotuberculosis recAgene for live vaccine vector development. FEMS Microbiology Letters, 1996, 142, 139-145.	0.7	16
129	Impact of prior immunological exposure on vaccine delivery by Salmonella enterica serovar Typhimurium. Vaccine, 2008, 26, 6212-6220.	1.7	15
130	A retrospective study of patients with blood culture-confirmed typhoid fever in Fiji during 2014â€“2015: epidemiology, clinical features, treatment and outcome. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2019, 113, 764-770.	0.7	15
131	Optimal preparation of SARS-CoV-2 viral transport medium for culture. Virology Journal, 2021, 18, 53.	1.4	15
132	Bypassing luminal barriers, delivery to a gut addressin by parenteral targeting elicits local IgA responses. International Immunology, 2004, 16, 1613-1622.	1.8	14
133	Nucleic Acid Vaccines Tasks and Tactics. Immunologic Research, 2001, 24, 225-244.	1.3	13
134	Vaccines of the future. Perspectives in Vaccinology, 2011, 1, 151-199.	0.2	13
135	Advances in Oral Vaccine Delivery Options. American Journal of Drug Delivery, 2003, 1, 227-240.	0.6	12
136	Characterization and Purification of Mouse Mucosalâ€Associated Invariant T (MAIT) Cells. Current Protocols in Immunology, 2019, 127, e89.	3.6	12
137	Loss of O -Linked Protein Glycosylation in Burkholderia cenocepacia Impairs Biofilm Formation and Siderophore Activity and Alters Transcriptional Regulators. MSphere, 2019, 4, .	1.3	12
138	The Role of ZntA in Klebsiella pneumoniae Zinc Homeostasis. Microbiology Spectrum, 2022, 10, e0177321.	1.2	12
139	The Hd, Hj, and Hz66 flagella variants of Salmonella enterica serovar Typhi modify host responses and cellular interactions. Scientific Reports, 2015, 5, 7947.	1.6	11
140	Bacterial Antigen Expression Is an Important Component in Inducing an Immune Response to Orally Administered Salmonella-Delivered DNA Vaccines. PLoS ONE, 2009, 4, e6062.	1.1	11
141	Vaccination with plasmid DNA expressing antigen from genomic or cDNA gene forms induces equivalent humoral immune responses. Vaccine, 1999, 18, 692-702.	1.7	10
142	Salmonella enterica Serovar Typhimurium Infection of Dendritic Cells Leads to Functionally Increased Expression of the Macrophage-Derived Chemokine. Infection and Immunity, 2005, 73, 1714-1722.	1.0	10
143	Reductive evolution in outer membrane protein biogenesis has not compromised cell surface complexity in Helicobacter pylori. MicrobiologyOpen, 2017, 6, e00513.	1.2	10
144	Salmonella Typhimurium's Transthyretin-Like Protein Is a Host-Specific Factor Important in Fecal Survival in Chickens. PLoS ONE, 2012, 7, e46675.	1.1	9

#	Article	IF	Citations
145	Increased Autoimmune Diabetes in pIgR-Deficient NOD Mice Is Due to a "Hitchhiking" Interval that Refines the Genetic Effect of Idd5.4. PLoS ONE, 2015, 10, e0121979.	1.1	9
146	Environmental Foundations of Typhoid Fever in the Fijian Residential Setting. International Journal of Environmental Research and Public Health, 2019, 16, 2407.	1.2	9
147	The human IgG3 hinge mediates the formation of antigen dimers that enhance humoral immune responses to DNA immunisation. Vaccine, 2001, 19, 4115-4120.	1.7	7
148	Measurement of the interconnected turgor pressure and envelope elasticity of live bacterial cells. Soft Matter, 2021, 17, 2042-2049.	1.2	7
149	<scp>Chlamydia pneumoniae</scp> induces a proâ€inflammatory phenotype in murine vascular smooth muscle cells independently of elevating reactive oxygen species. Clinical and Experimental Pharmacology and Physiology, 2012, 39, 218-226.	0.9	6
150	Congenic mice reveal genetic epistasis and overlapping disease loci for autoimmune diabetes and listeriosis. Immunogenetics, 2014, 66, 501-506.	1.2	6
151	Assessment of Rapid Diagnostic Tests for Typhoid Diagnosis and Assessment of Febrile Illness Outbreaks in Fiji. American Journal of Tropical Medicine and Hygiene, 2022, 106, 543-549.	0.6	6
152	Genomic epidemiology of Salmonella Typhi in Central Division, Fiji, 2012 to 2016. The Lancet Regional Health - Western Pacific, 2022, 24, 100488.	1.3	6
153	ThesacB gene cannot be used as a counter-selectable marker inPasteurella multocida. Molecular Biotechnology, 1997, 8, 189-191.	1.3	5
154	Vaccination Method Affects Immune Response and Bacterial Growth but Not Protection in the Salmonella Typhimurium Animal Model of Typhoid. PLoS ONE, 2015, 10, e0141356.	1.1	5
155	Heat shock protein complex vaccines induce antibodies against Neisseria meningitidis via a MyD88-independent mechanism. Vaccine, 2016, 34, 1704-1711.	1.7	5
156	An investigation into the Omp85 protein BamK in hypervirulent Klebsiella pneumoniae, and its role in outer membrane biogenesis. Molecular Microbiology, 2018, 109, 584-599.	1.2	5
157	CD4+ T cell immunity to Salmonella is transient in the circulation. PLoS Pathogens, 2021, 17, e1010004.	2.1	5
158	Mus musculus deficient for secretory antibodies show delayed growth with an altered urinary metabolome. Molecular Medicine, 2019, 25, 12.	1.9	4
159	Systemic Infection of Mice with Listeria monocytogenes to Characterize Host Immune Responses. Methods in Molecular Biology, 2013, 1031, 125-144.	0.4	4
160	A comparison of DNA vaccines expressing the 45W, 18k and 16k host-protective antigens of Taenia ovis in mice and sheep. Veterinary Immunology and Immunopathology, 2000, 76, 171-181.	0.5	3
161	Milk IgA responses are augmented by antigen delivery to the mucosal addressin cellular adhesion molecule 1. Vaccine, 2006, 24, 5552-5558.	1.7	3
162	Sustained neutralising antibodies in the Wuhan population suggest durable protection against SARS-CoV-2. Lancet, The, 2021, 397, 1037-1039.	6.3	3

#	Article	IF	Citations
163	CCL17â€expressing dendritic cells in the intestine are preferentially infected by Salmonella but CCL17 plays a redundant role in systemic dissemination. Immunity, Inflammation and Disease, 2021, 9, 891-904.	1.3	3
164	Mucosal Immune Responses to Escherichia coli and Salmonella Infections. EcoSal Plus, 2006, 2, .	2.1	2
165	The multifunctional enzyme S-adenosylhomocysteine/methylthioadenosine nucleosidase is a key metabolic enzyme in the virulence of Salmonella enterica var Typhimurium. Biochemical Journal, 2019, 476, 3435-3453.	1.7	2
166	Immunization Against Bordetella pertussis Infection of Mice Using a Salmonella typhimurium aro Vaccine Strain Expressing the Bordetella pertussis P.69 Antigen. Biologicals, 1993, 21, 4-5.	0.5	1
167	Interrogate the antibacterial activities of nano graphene oxide sheets. , 2016, , .		1
168	Studies of the pathogenesis and immunology of attenuated mutants of Salmonella enterica var. Typhimurium: lessons for human typhoid fever?. Medical Journal of Indonesia, 0, 7, 74.	0.2	0
169	Typhoid Fever: The More We Learn, the Less We Know (Apologies, Albert Einstein). Cell Host and Microbe, 2019, 26, 303-306.	5.1	0
170	Why predicting secreted effectors and what they do is important. Physics of Life Reviews, 2021, 39, 85-87.	1.5	0
171	C.pneumoniae infection increases NADPH oxidase activity in vascular smooth muscle cells. FASEB Journal, 2009, 23, LB388.	0.2	0
172	The Development of Genetically Defined Live Bacterial Vaccines. , 1991, , 279-285.		0
173	Newer vaccines against typhoid fever and gastrointestinal salmonelloses. , 0, , 323-336.		0