

Warwick J Britton

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247
papers

9,415
citations

49
h-index

90
g-index

277
ext. papers

10,751
ext. citations

6.7
avg, IF

6.02
L-index

#	Paper	IF	Citations
247	Rapid effector function in CD8+ memory T cells. <i>Journal of Experimental Medicine</i> , 1997 , 186, 859-65	16.6	581
246	Leprosy. <i>Lancet, The</i> , 2004 , 363, 1209-19	40	539
245	TNF regulates chemokine induction essential for cell recruitment, granuloma formation, and clearance of mycobacterial infection. <i>Journal of Immunology</i> , 2002 , 168, 4620-7	5.3	538
244	Contact investigation for tuberculosis: a systematic review and meta-analysis. <i>European Respiratory Journal</i> , 2013 , 41, 140-56	13.6	413
243	Differential protective efficacy of DNA vaccines expressing secreted proteins of Mycobacterium tuberculosis. <i>Infection and Immunity</i> , 1999 , 67, 1702-7	3.7	234
242	Life and death in the granuloma: immunopathology of tuberculosis. <i>Immunology and Cell Biology</i> , 2007 , 85, 103-11	5	225
241	Targeting dendritic cells with antigen-containing liposomes: a highly effective procedure for induction of antitumor immunity and for tumor immunotherapy. <i>Cancer Research</i> , 2004 , 64, 4357-65	10.1	223
240	A polymorphism in the P2X7 gene increases susceptibility to extrapulmonary tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 175, 360-6	10.2	175
239	Eighteen-month outcomes of house dust mite avoidance and dietary fatty acid modification in the Childhood Asthma Prevention Study (CAPS). <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 162-8	11.5	165
238	CD103 Tumor-Resident CD8 T Cells Are Associated with Improved Survival in Immunotherapy-Naïve Melanoma Patients and Expand Significantly During Anti-PD-1 Treatment. <i>Clinical Cancer Research</i> , 2018 , 24, 3036-3045	12.9	163
237	Autocrine IL-10 impairs dendritic cell (DC)-derived immune responses to mycobacterial infection by suppressing DC trafficking to draining lymph nodes and local IL-12 production. <i>European Journal of Immunology</i> , 2002 , 32, 994-1002	6.1	161
236	Human T-cell clones recognize a major M. leprae protein antigen expressed in E. coli. <i>Nature</i> , 1986 , 319, 63-6	50.4	145
235	Secreted lymphotoxin-alpha is essential for the control of an intracellular bacterial infection. <i>Journal of Experimental Medicine</i> , 2001 , 193, 239-46	16.6	138
234	A Thr357 to Ser polymorphism in homozygous and compound heterozygous subjects causes absent or reduced P2X7 function and impairs ATP-induced mycobacterial killing by macrophages. <i>Journal of Biological Chemistry</i> , 2006 , 281, 2079-86	5.4	133
233	Transmembrane TNF is sufficient to initiate cell migration and granuloma formation and provide acute, but not long-term, control of Mycobacterium tuberculosis infection. <i>Journal of Immunology</i> , 2005 , 174, 4852-9	5.3	133
232	Protection against aerosol Mycobacterium tuberculosis infection using Mycobacterium bovis Bacillus Calmette Guérin-infected dendritic cells. <i>European Journal of Immunology</i> , 1999 , 29, 1972-9	6.1	130
231	An inducible expression system permitting the efficient purification of a recombinant antigen from Mycobacterium smegmatis. <i>FEMS Microbiology Letters</i> , 1998 , 167, 151-6	2.9	128

230	Influence of BCG vaccine strain on the immune response and protection against tuberculosis. <i>FEMS Microbiology Reviews</i> , 2008 , 32, 821-41	15.1	115
229	Increase in gamma interferon-secreting CD8(+), as well as CD4(+), T cells in lungs following aerosol infection with <i>Mycobacterium tuberculosis</i> . <i>Infection and Immunity</i> , 1999 , 67, 3242-7	3.7	111
228	Priming by DNA immunization augments protective efficacy of <i>Mycobacterium bovis</i> Bacille Calmette-Guerin against tuberculosis. <i>Infection and Immunity</i> , 2001 , 69, 4174-6	3.7	109
227	The effect of neonatal BCG vaccination on atopy and asthma at age 7 to 14 years: an historical cohort study in a community with a very low prevalence of tuberculosis infection and a high prevalence of atopic disease. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 541-9	11.5	106
226	Animal and translational models of SARS-CoV-2 infection and COVID-19. <i>Mucosal Immunology</i> , 2020 , 13, 877-891	9.2	106
225	<i>Mycobacterium bovis</i> BCG-specific Th17 cells confer partial protection against <i>Mycobacterium tuberculosis</i> infection in the absence of gamma interferon. <i>Infection and Immunity</i> , 2010 , 78, 4187-94	3.7	103
224	A loss-of-function polymorphism in the human P2X7 receptor abolishes ATP-mediated killing of mycobacteria. <i>Journal of Immunology</i> , 2003 , 171, 5442-6	5.3	103
223	Household-Contact Investigation for Detection of Tuberculosis in Vietnam. <i>New England Journal of Medicine</i> , 2018 , 378, 221-229	59.2	101
222	A Liver Capsular Network of Monocyte-Derived Macrophages Restricts Hepatic Dissemination of Intra-peritoneal Bacteria by Neutrophil Recruitment. <i>Immunity</i> , 2017 , 47, 374-388.e6	32.3	94
221	The influence of bacille Calmette-Guerin vaccine strain on the immune response against tuberculosis: a randomized trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 213-22	10.2	89
220	Interleukin-23 restores immunity to <i>Mycobacterium tuberculosis</i> infection in IL-12p40-deficient mice and is not required for the development of IL-17-secreting T cell responses. <i>Journal of Immunology</i> , 2006 , 177, 8684-92	5.3	84
219	Production of Inhalation Phage Powders Using Spray Freeze Drying and Spray Drying Techniques for Treatment of Respiratory Infections. <i>Pharmaceutical Research</i> , 2016 , 33, 1486-96	4.5	83
218	Up-regulation of VCAM-1 and differential expansion of beta integrin-expressing T lymphocytes are associated with immunity to pulmonary <i>Mycobacterium tuberculosis</i> infection. <i>Journal of Immunology</i> , 2000 , 164, 4853-60	5.3	79
217	Early predictors for developing allergic disease and asthma: examining separate steps in the 'allergic march'. <i>Clinical and Experimental Allergy</i> , 2007 , 37, 1296-302	4.1	74
216	Interaction of dendritic cells with mycobacteria: where the action starts. <i>Immunology and Cell Biology</i> , 2000 , 78, 318-24	5	70
215	Total Synthesis of Teixobactin. <i>Organic Letters</i> , 2016 , 18, 2788-91	6.2	70
214	Plasmid interleukin-23 (IL-23), but not plasmid IL-27, enhances the protective efficacy of a DNA vaccine against <i>Mycobacterium tuberculosis</i> infection. <i>Infection and Immunity</i> , 2006 , 74, 557-65	3.7	69
213	Single chain antibody fragments for the selective targeting of antigens to dendritic cells. <i>Molecular Immunology</i> , 2005 , 42, 979-85	4.3	66

212	Gene dosage determines the negative effects of polymorphic alleles of the P2X7 receptor on adenosine triphosphate-mediated killing of mycobacteria by human macrophages. <i>Journal of Infectious Diseases</i> , 2005 , 192, 149-55	7	63
211	The spectrum of primary immunodeficiency disorders in Australia. <i>Journal of Allergy and Clinical Immunology</i> , 1997 , 100, 415-23	11.5	62
210	Genetic susceptibility to mycobacterial disease in humans. <i>Immunology and Cell Biology</i> , 2006 , 84, 125-37		62
209	M. tuberculosis induces potent activation of IDO-1, but this is not essential for the immunological control of infection. <i>PLoS ONE</i> , 2012 , 7, e37314	3.7	61
208	The Mycobacterium tuberculosis cysD and cysNC genes form a stress-induced operon that encodes a tri-functional sulfate-activating complex. <i>Microbiology (United Kingdom)</i> , 2004 , 150, 1681-1686	2.9	61
207	Co-immunization with DNA vaccines expressing granulocyte-macrophage colony-stimulating factor and mycobacterial secreted proteins enhances T-cell immunity, but not protective efficacy against Mycobacterium tuberculosis. <i>Immunology</i> , 1999 , 96, 511-6	7.8	61
206	Community-wide Screening for Tuberculosis in a High-Prevalence Setting. <i>New England Journal of Medicine</i> , 2019 , 381, 1347-1357	59.2	58
205	Compartmentalization of Total and Virus-Specific Tissue-Resident Memory CD8+ T Cells in Human Lymphoid Organs. <i>PLoS Pathogens</i> , 2016 , 12, e1005799	7.6	57
204	Effects of storage conditions on the stability of spray dried, inhalable bacteriophage powders. <i>International Journal of Pharmaceutics</i> , 2017 , 521, 141-149	6.5	56
203	Cutinase-like proteins of Mycobacterium tuberculosis: characterization of their variable enzymatic functions and active site identification. <i>FASEB Journal</i> , 2009 , 23, 1694-704	0.9	55
202	Production of highly stable spray dried phage formulations for treatment of Pseudomonas aeruginosa lung infection. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 121, 1-13	5.7	54
201	Antigen load governs the differential priming of CD8 T cells in response to the bacille Calmette Guerin vaccine or Mycobacterium tuberculosis infection. <i>Journal of Immunology</i> , 2009 , 182, 7172-7	5.3	54
200	Stimulation of dendritic cells via CD40 enhances immune responses to Mycobacterium tuberculosis infection. <i>Infection and Immunity</i> , 2001 , 69, 2456-61	3.7	52
199	Improving vaccines against tuberculosis. <i>Immunology and Cell Biology</i> , 2003 , 81, 34-45	5	50
198	The immune response to mycobacterial 70-kDa heat shock proteins frequently involves autoreactive T cells and is quantitatively dysregulated in multiple sclerosis. <i>Journal of Neuroimmunology</i> , 1996 , 65, 143-53	3.5	49
197	T cell-derived tumour necrosis factor is essential, but not sufficient, for protection against Mycobacterium tuberculosis infection. <i>Clinical and Experimental Immunology</i> , 2004 , 137, 279-87	6.2	48
196	Coexpression of interleukin-12 chains by a self-splicing vector increases the protective cellular immune response of DNA and Mycobacterium bovis BCG vaccines against Mycobacterium tuberculosis. <i>Infection and Immunity</i> , 2002 , 70, 1949-56	3.7	48
195	Characterization of the gene encoding the immunodominant 35 kDa protein of Mycobacterium leprae. <i>Molecular Microbiology</i> , 1995 , 16, 865-76	4.1	47

194	Dry powder inhalable formulations for anti-tubercular therapy. <i>Advanced Drug Delivery Reviews</i> , 2016 , 102, 83-101	18.5	47
193	Synergy of nebulized phage PEV20 and ciprofloxacin combination against <i>Pseudomonas aeruginosa</i> . <i>International Journal of Pharmaceutics</i> , 2018 , 551, 158-165	6.5	46
192	Lymphocyte recruitment and protective efficacy against pulmonary mycobacterial infection are independent of the route of prior <i>Mycobacterium bovis</i> BCG immunization. <i>Infection and Immunity</i> , 2002 , 70, 1410-6	3.7	45
191	Microparticles from mycobacteria-infected macrophages promote inflammation and cellular migration. <i>Journal of Immunology</i> , 2013 , 190, 669-77	5.3	44
190	Anti-Tuberculosis Bacteriophage D29 Delivery with a Vibrating Mesh Nebulizer, Jet Nebulizer, and Soft Mist Inhaler. <i>Pharmaceutical Research</i> , 2017 , 34, 2084-2096	4.5	44
189	Mechanisms of persistence of mycobacteria. <i>Trends in Microbiology</i> , 1994 , 2, 284-8	12.4	43
188	TLR2-targeted secreted proteins from <i>Mycobacterium tuberculosis</i> are protective as powdered pulmonary vaccines. <i>Vaccine</i> , 2013 , 31, 4322-9	4.1	42
187	Modulation of pulmonary DC function by vaccine-encoded GM-CSF enhances protective immunity against <i>Mycobacterium tuberculosis</i> infection. <i>European Journal of Immunology</i> , 2010 , 40, 153-61	6.1	42
186	Delta inulin-based adjuvants promote the generation of polyfunctional CD4 T cell responses and protection against <i>Mycobacterium tuberculosis</i> infection. <i>Scientific Reports</i> , 2017 , 7, 8582	4.9	40
185	Protective immunity afforded by attenuated, PhoP-deficient <i>Mycobacterium tuberculosis</i> is associated with sustained generation of CD4+ T-cell memory. <i>European Journal of Immunology</i> , 2012 , 42, 385-92	6.1	40
184	Functional Interplay between Type I and II Interferons Is Essential to Limit Influenza A Virus-Induced Tissue Inflammation. <i>PLoS Pathogens</i> , 2016 , 12, e1005378	7.6	40
183	<i>Mycobacterium tuberculosis</i> requires glyoxylate shunt and reverse methylcitrate cycle for lactate and pyruvate metabolism. <i>Molecular Microbiology</i> , 2019 , 112, 1284-1307	4.1	39
182	<i>Mycobacterium tuberculosis</i> defective in phthiocerol dimycocerosate translocation provides greater protective immunity against tuberculosis than the existing bacille Calmette-Guérin vaccine. <i>Journal of Infectious Diseases</i> , 2004 , 189, 105-12	7	39
181	Proof-of-Principle Study in a Murine Lung Infection Model of Antipseudomonal Activity of Phage PEV20 in a Dry-Powder Formulation. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	38
180	Dendritic cells infected with <i>Mycobacterium bovis</i> bacillus Calmette Guerin activate CD8(+) T cells with specificity for a novel mycobacterial epitope. <i>International Immunology</i> , 2001 , 13, 451-8	4.9	37
179	A rifapentine-containing inhaled triple antibiotic formulation for rapid treatment of tubercular infection. <i>Pharmaceutical Research</i> , 2014 , 31, 1239-53	4.5	36
178	Improved protection against disseminated tuberculosis by <i>Mycobacterium bovis</i> bacillus Calmette-Guérin secreting murine GM-CSF is associated with expansion and activation of APCs. <i>Journal of Immunology</i> , 2007 , 179, 8418-24	5.3	36
177	The management of leprosy reversal reactions. <i>Leprosy Review</i> , 1998 , 69, 225-34	0.6	36

176	Effect of storage temperature on the stability of spray dried bacteriophage powders. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 127, 213-222	5.7	35
175	Rifapentine-loaded PLGA microparticles for tuberculosis inhaled therapy: Preparation and in vitro aerosol characterization. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 88, 1-11	5.1	35
174	Identification of miR-93 as a suitable miR for normalizing miRNA in plasma of tuberculosis patients. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 1606-13	5.6	34
173	Expanding the antigenic repertoire of BCG improves protective efficacy against aerosol Mycobacterium tuberculosis infection. <i>Vaccine</i> , 2005 , 23, 1680-5	4.1	34
172	Protective effect of DNA immunization against mycobacterial infection is associated with the early emergence of interferon-gamma (IFN-gamma)-secreting lymphocytes. <i>Clinical and Experimental Immunology</i> , 2000 , 120, 476-82	6.2	34
171	A novel inhalable form of rifapentine. <i>Journal of Pharmaceutical Sciences</i> , 2014 , 103, 1411-21	3.9	32
170	Inhibitors of an essential mycobacterial cell wall lipase (Rv3802c) as tuberculosis drug leads. <i>Chemical Communications</i> , 2011 , 47, 5166-8	5.8	32
169	Gamma interferon responses induced by a panel of recombinant and purified mycobacterial antigens in healthy, non-mycobacterium bovis BCG-vaccinated Malawian young adults. <i>Vaccine Journal</i> , 2003 , 10, 602-11		32
168	Sansanmycin natural product analogues as potent and selective anti-mycobacterials that inhibit lipid I biosynthesis. <i>Nature Communications</i> , 2017 , 8, 14414	17.4	31
167	Pulmonary immunization with a recombinant influenza A virus vaccine induces lung-resident CD4 memory T cells that are associated with protection against tuberculosis. <i>Mucosal Immunology</i> , 2018 , 11, 1743-1752	9.2	30
166	Mycobacterium tuberculosis Infection Manipulates the Glycosylation Machinery and the N-Glycoproteome of Human Macrophages and Their Microparticles. <i>Journal of Proteome Research</i> , 2017 , 16, 247-263	5.6	30
165	Comparative effects of plasmid-encoded interleukin 12 and interleukin 18 on the protective efficacy of DNA vaccination against Mycobacterium tuberculosis. <i>Immunology and Cell Biology</i> , 2002 , 80, 346-50	5	30
164	Protection against virulent Mycobacterium avium infection following DNA vaccination with the 35-kilodalton antigen is accompanied by induction of gamma interferon-secreting CD4(+) T cells. <i>Infection and Immunity</i> , 2000 , 68, 3090-6	3.7	30
163	Molecular and immunological analyses of the Mycobacterium avium homolog of the immunodominant Mycobacterium leprae 35-kilodalton protein. <i>Infection and Immunity</i> , 1998 , 66, 2684-90	7	29
162	Inhalable combination powder formulations of phage and ciprofloxacin for P. aeruginosa respiratory infections. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 142, 543-552	5.7	28
161	Influenza A virus infection impairs mycobacteria-specific T cell responses and mycobacterial clearance in the lung during pulmonary coinfection. <i>Journal of Immunology</i> , 2013 , 191, 302-11	5.3	28
160	Differential requirements for soluble and transmembrane tumor necrosis factor in the immunological control of primary and secondary Listeria monocytogenes infection. <i>Infection and Immunity</i> , 2006 , 74, 3180-9	3.7	28
159	Microparticles released from Mycobacterium tuberculosis-infected human macrophages contain increased levels of the type I interferon inducible proteins including ISG15. <i>Proteomics</i> , 2015 , 15, 3020-9	4.8	27

158	Tetrahydrolipstatin inhibition, functional analyses, and three-dimensional structure of a lipase essential for mycobacterial viability. <i>Journal of Biological Chemistry</i> , 2010 , 285, 30050-60	5.4	27
157	The secreted lipoprotein, MPT83, of <i>Mycobacterium tuberculosis</i> is recognized during human tuberculosis and stimulates protective immunity in mice. <i>PLoS ONE</i> , 2012 , 7, e34991	3.7	27
156	A proline deletion in IFNAR1 impairs IFN-signaling and underlies increased resistance to tuberculosis in humans. <i>Nature Communications</i> , 2018 , 9, 85	17.4	26
155	Lymphotoxin-alpha and TNF have essential but independent roles in the evolution of the granulomatous response in experimental leprosy. <i>American Journal of Pathology</i> , 2009 , 174, 1379-89	5.8	26
154	Effects of DNA- and <i>Mycobacterium bovis</i> BCG-based delivery of the Flt3 ligand on protective immunity to <i>Mycobacterium tuberculosis</i> . <i>Infection and Immunity</i> , 2007 , 75, 5368-75	3.7	26
153	Immunology of leprosy. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1993 , 87, 508-14	2.4	26
152	Storage stability of inhalable phage powders containing lactose at ambient conditions. <i>International Journal of Pharmaceutics</i> , 2019 , 560, 11-18	6.5	25
151	Analysis of the internal transcribed spacer regions of ribosomal DNA in common airborne allergenic fungi. <i>Electrophoresis</i> , 1997 , 18, 1567-9	3.6	25
150	Immunological diversity within a family of cutinase-like proteins of <i>Mycobacterium tuberculosis</i> . <i>Vaccine</i> , 2008 , 26, 3853-9	4.1	25
149	The combination of plasmid interleukin-12 with a single DNA vaccine is more effective than <i>Mycobacterium bovis</i> (bacille Calmette-Guérin) in protecting against systemic <i>Mycobacterium avium</i> infection. <i>Immunology</i> , 2003 , 109, 308-14	7.8	24
148	A comparative analysis of polyfunctional T cells and secreted cytokines induced by Bacille Calmette-Guérin immunisation in children and adults. <i>PLoS ONE</i> , 2012 , 7, e37535	3.7	24
147	Mucosal delivery of a multistage subunit vaccine promotes development of lung-resident memory T cells and affords interleukin-17-dependent protection against pulmonary tuberculosis. <i>Npj Vaccines</i> , 2020 , 5, 105	9.5	23
146	Harnessing single cell sorting to identify cell division genes and regulators in bacteria. <i>PLoS ONE</i> , 2013 , 8, e60964	3.7	22
145	Inhibition studies on <i>Mycobacterium tuberculosis</i> N-acetylglucosamine-1-phosphate uridyltransferase (GlmU). <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 8113-26	3.9	21
144	Gene expression in HIV-1/ <i>Mycobacterium tuberculosis</i> co-infected macrophages is dominated by <i>M. tuberculosis</i> . <i>Tuberculosis</i> , 2009 , 89, 285-93	2.6	21
143	PLGA particulate subunit tuberculosis vaccines promote humoral and Th17 responses but do not enhance control of <i>Mycobacterium tuberculosis</i> infection. <i>PLoS ONE</i> , 2018 , 13, e0194620	3.7	21
142	Thrombocyte Inhibition Restores Protective Immunity to Mycobacterial Infection in Zebrafish. <i>Journal of Infectious Diseases</i> , 2019 , 220, 524-534	7	20
141	Polymorphisms of SP110 are associated with both pulmonary and extra-pulmonary tuberculosis among the Vietnamese. <i>PLoS ONE</i> , 2014 , 9, e99496	3.7	20

140	Isolation of strong expression signals of Mycobacterium tuberculosis. <i>Microbiology (United Kingdom)</i> , 2001 , 147, 1253-1258	2.9	20
139	Epitope-specific CD4+, but not CD8+, T-cell responses induced by recombinant influenza A viruses protect against Mycobacterium tuberculosis infection. <i>European Journal of Immunology</i> , 2015 , 45, 780-93	6.1	19
138	components expressed during chronic infection of the lung contribute to long-term control of pulmonary tuberculosis in mice. <i>Npj Vaccines</i> , 2016 , 1, 16012	9.5	19
137	Australian adults with bronchiectasis: The first report from the Australian Bronchiectasis Registry. <i>Respiratory Medicine</i> , 2019 , 155, 97-103	4.6	19
136	Subclinical infection with Mycobacterium leprae--a problem for leprosy control strategies. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1993 , 87, 412-5	2	19
135	CXCR6-Deficiency Improves the Control of Pulmonary and Influenza Infection Independent of T-Lymphocyte Recruitment to the Lungs. <i>Frontiers in Immunology</i> , 2019 , 10, 339	8.4	18
134	Experimental Animal Models of Tuberculosis 2017 , 389-426		18
133	Microfluidic-assisted bacteriophage encapsulation into liposomes. <i>International Journal of Pharmaceutics</i> , 2018 , 545, 176-182	6.5	18
132	In vivo persistence and protective efficacy of the bacille Calmette Guerin vaccine overexpressing the HspX latency antigen. <i>Bioengineered Bugs</i> , 2010 , 1, 61-5		18
131	Induction of CD8+ T-lymphocyte responses to a secreted antigen of Mycobacterium tuberculosis by an attenuated vaccinia virus. <i>Immunology and Cell Biology</i> , 2001 , 79, 569-75	5	18
130	Mucosal Vaccination with a Self-Adjuvanted Lipopeptide Is Immunogenic and Protective against. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 8080-8089	8.3	17
129	Jet nebulization of bacteriophages with different tail morphologies - Structural effects. <i>International Journal of Pharmaceutics</i> , 2019 , 554, 322-326	6.5	17
128	Deciphering protective immunity against tuberculosis: implications for vaccine development. <i>Expert Review of Vaccines</i> , 2019 , 18, 353-364	5.2	16
127	Mycobacterium marinum infection drives foam cell differentiation in zebrafish infection models. <i>Developmental and Comparative Immunology</i> , 2018 , 88, 169-172	3.2	16
126	Identification of a plasma microRNA profile in untreated pulmonary tuberculosis patients that is modulated by anti-mycobacterial therapy. <i>Journal of Infection</i> , 2018 , 77, 341-348	18.9	16
125	Synthesis and evaluation of M. tuberculosis salicylate synthase (MbtI) inhibitors designed to probe plasticity in the active site. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 9223-36	3.9	16
124	Secretion of functional monocyte chemotactic protein 3 by recombinant Mycobacterium bovis BCG attenuates vaccine virulence and maintains protective efficacy against M. tuberculosis infection. <i>Infection and Immunity</i> , 2007 , 75, 523-6	3.7	16
123	Comparison of IFN-gamma responses to mycobacterial antigens as markers of response to BCG vaccination. <i>Tuberculosis</i> , 2008 , 88, 31-8	2.6	15

122	IL-5 T-cell responses to house dust mite are associated with the development of allergen-specific IgE responses and asthma in the first 5 years of life. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 120, 286-92	11.5	15
121	Destabilized green fluorescent protein for monitoring transient changes in mycobacterial gene expression. <i>Research in Microbiology</i> , 2002 , 153, 379-83	4	15
120	Total Synthesis of Ecumicin. <i>Organic Letters</i> , 2018 , 20, 1019-1022	6.2	14
119	Cutinase-like protein-6 of Mycobacterium tuberculosis is recognised in tuberculosis patients and protects mice against pulmonary infection as a single and fusion protein vaccine. <i>Vaccine</i> , 2010 , 28, 1341-6	4.1	14
118	Rapid assembly of potent type II dehydroquinase inhibitors via Click Chemistry. <i>MedChemComm</i> , 2010 , 1, 271-275	5	14
117	Conserved anti-inflammatory effects and sensing of butyrate in zebrafish. <i>Gut Microbes</i> , 2020 , 12, 1-11	8.8	14
116	Synergistic activity of phage PEV20-ciprofloxacin combination powder formulation-A proof-of-principle study in a P. aeruginosa lung infection model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 158, 166-171	5.7	14
115	Characterization of immune responses during infection with Mycobacterium avium strains 100, 101 and the recently sequenced 104. <i>Immunology and Cell Biology</i> , 2002 , 80, 544-9	5	13
114	Determinants of Phagocytosis, Phagosome Biogenesis and Autophagy for Mycobacterium tuberculosis 2017 , 1-22		12
113	Household contact investigation for tuberculosis in Vietnam: study protocol for a cluster randomized controlled trial. <i>Trials</i> , 2013 , 14, 342	2.8	12
112	The Delivery of High-Dose Dry Powder Antibiotics by a Low-Cost Generic Inhaler. <i>AAPS Journal</i> , 2017 , 19, 191-202	3.7	12
111	Elucidation of Mycobacterium tuberculosis type II dehydroquinase inhibitors using a fragment elaboration strategy. <i>ChemMedChem</i> , 2012 , 7, 1031-43	3.7	12
110	Total synthesis of fellutamide B and deoxy-fellutamides B, C, and D. <i>Marine Drugs</i> , 2013 , 11, 2382-97	6	12
109	Specific serological diagnosis of leprosy with a recombinant Mycobacterium leprae protein purified from a rapidly growing mycobacterial host. <i>Journal of Clinical Microbiology</i> , 1998 , 36, 2363-5	9.7	12
108	Inhalation of Respirable Crystalline Rifapentine Particles Induces Pulmonary Inflammation. <i>Molecular Pharmaceutics</i> , 2017 , 14, 328-335	5.6	11
107	The PE and PPE Protein Families of Mycobacterium tuberculosis 2017 , 131-150		11
106	Host cell-induced components of the sulfate assimilation pathway are major protective antigens of Mycobacterium tuberculosis. <i>Journal of Infectious Diseases</i> , 2013 , 207, 778-85	7	11
105	Delivery of a multivalent scrambled antigen vaccine induces broad spectrum immunity and protection against tuberculosis. <i>Vaccine</i> , 2011 , 29, 7759-65	4.1	11

104	Identification of strong promoter elements of <i>Mycobacterium smegmatis</i> and their utility for foreign gene expression in mycobacteria. <i>FEMS Microbiology Letters</i> , 2003 , 224, 139-42	2.9	11
103	Epitope-tagging vectors for the expression and detection of recombinant proteins in mycobacteria. <i>Plasmid</i> , 2005 , 53, 269-73	3.3	11
102	Differential Protective Efficacy of DNA Vaccines Expressing Secreted Proteins of <i>Mycobacterium tuberculosis</i> . <i>Infection and Immunity</i> , 1999 , 67, 1702-1707	3.7	11
101	Visualizing the Selectivity and Dynamics of Interferon Signaling In Vivo. <i>Cell Reports</i> , 2019 , 29, 3539-3550.e4	10.4	11
100	Synthetic protein conjugate vaccines provide protection against in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	11
99	Comparable CD4 and CD8 T cell responses and cytokine release after at-birth and delayed BCG immunisation in infants born in Australia. <i>Vaccine</i> , 2016 , 34, 4132-4139	4.1	10
98	Synthesis and evaluation of potent ene-yne inhibitors of type II dehydroquinases as tuberculosis drug leads. <i>ChemMedChem</i> , 2011 , 6, 262-5	3.7	9
97	Levofloxacin versus placebo for the treatment of latent tuberculosis among contacts of patients with multidrug-resistant tuberculosis (the VQUIN MDR trial): a protocol for a randomised controlled trial. <i>BMJ Open</i> , 2020 , 10, e033945	3	8
96	Protective efficacy of recombinant BCG over-expressing protective, stage-specific antigens of <i>Mycobacterium tuberculosis</i> . <i>Vaccine</i> , 2018 , 36, 2619-2629	4.1	8
95	Childhood fish oil supplementation modifies associations between traffic related air pollution and allergic sensitisation. <i>Environmental Health</i> , 2018 , 17, 27	6	8
94	Murine pharmacokinetics of rifapentine delivered as an inhalable dry powder. <i>International Journal of Antimicrobial Agents</i> , 2015 , 45, 319-23	14.3	8
93	CD103+ tumor-resident CD8+ T cell numbers underlie improved patient survival in oropharyngeal squamous cell carcinoma 2020 , 8,		7
92	A transcriptional blood signature distinguishes early tuberculosis disease from latent tuberculosis infection and uninfected individuals in a Vietnamese cohort. <i>Journal of Infection</i> , 2020 , 81, 72-80	18.9	7
91	LIGHT contributes to early but not late control of <i>Mycobacterium tuberculosis</i> infection. <i>International Immunology</i> , 2010 , 22, 353-8	4.9	7
90	Analysis of mycobacterial infection-induced changes to host lipid metabolism in a zebrafish infection model reveals a conserved role for LDLR in infection susceptibility. <i>Fish and Shellfish Immunology</i> , 2018 , 83, 238-242	4.3	7
89	The cyclic nitroxide antioxidant 4-methoxy-TEMPO decreases mycobacterial burden in vivo through host and bacterial targets. <i>Free Radical Biology and Medicine</i> , 2019 , 135, 157-166	7.8	6
88	Ischaemic peripheral neuritis secondary to ergotism associated with ritonavir therapy. <i>Medical Journal of Australia</i> , 1999 , 171, 502, 504	4	6
87	Storage stability of phage-ciprofloxacin combination powders against <i>Pseudomonas aeruginosa</i> respiratory infections. <i>International Journal of Pharmaceutics</i> , 2020 , 591, 119952	6.5	6

86	Protection against aerosol Mycobacterium tuberculosis infection using Mycobacterium bovis Bacillus Calmette Guëin-infected dendritic cells 1999 , 29, 1972		6
85	Management of Australian Adults with Bronchiectasis in Tertiary Care: Evidence-Based or Access-Driven?. <i>Lung</i> , 2019 , 197, 803-810	2.9	5
84	Immunopathology of Tuberculosis 2017 , 245-278		5
83	Contribution of L-alanine dehydrogenase to in vivo persistence and protective efficacy of the BCG vaccine. <i>Microbiology and Immunology</i> , 2006 , 50, 805-10	2.7	5
82	Cohort profile: The Childhood Asthma Prevention Study (CAPS). <i>International Journal of Epidemiology</i> , 2018 , 47, 1736-1736k	7.8	5
81	Polyketides and Polyketide-Containing Glycolipids of Mycobacterium tuberculosis: Structure, Biosynthesis and Biological Activities 2017 , 21-51		4
80	Human CD4 and CD8 T Cell Responses to Mycobacterium tuberculosis: Antigen Specificity, Function, Implications and Applications 2017 , 119-155		4
79	Mechanisms of Drug Action, Drug Resistance and Drug Tolerance in Mycobacterium tuberculosis: Expected Phenotypes from Evolutionary Pressures from a Highly Successful Pathogen 2017 , 323-378		4
78	Total Synthesis and Antimycobacterial Activity of Ohmyungsamycin A, Deoxyecumicin, and Ecumicin. <i>Chemistry - A European Journal</i> , 2020 , 26, 15200-15205	4.8	4
77	Mycobacterium tuberculosis: Life and Death in the Phagosome 2017 , 307-322		4
76	Genetic Control of Host Susceptibility to Tuberculosis 2017 , 305-346		4
75	Unconventional T Cells 2017 , 157-183		4
74	Tuberculosis/Human Immunodeficiency Virus Coinfection and the Host Immune Response 2017 , 347-368		4
73	Advances in the development of antimicrobial peptides and proteins for inhaled therapy. <i>Advanced Drug Delivery Reviews</i> , 2021 , 180, 114066	18.5	4
72	Can bacteriophage endolysins be nebulised for inhalation delivery against Streptococcus pneumoniae?. <i>International Journal of Pharmaceutics</i> , 2020 , 591, 119982	6.5	4
71	Physiology of Mycobacterium tuberculosis 2017 , 53-69		3
70	Molecular Evolution of Mycobacteria 2017 , 393-416		3
69	Reply: Bacille Calmette-Guëin vaccine: innate immunity and nonspecific effects. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 779-80	10.2	3

68	The response to chemotherapy of serum Mycobacterium leprae-specific antigen in multibacillary leprosy patients. <i>American Journal of Tropical Medicine and Hygiene</i> , 1991 , 44, 702-8	3.2	3
67	Mycobacterial infection-induced miR-206 inhibits protective neutrophil recruitment via the CXCL12/CXCR4 signalling axis. <i>PLoS Pathogens</i> , 2021 , 17, e1009186	7.6	3
66	Mycobacterium ulcerans-specific immune response after immunisation with bacillus Calmette-Guérin (BCG) vaccine. <i>Vaccine</i> , 2021 , 39, 652-657	4.1	3
65	Intrapulmonary vaccination with delta-inulin adjuvant stimulates non-polarised chemotactic signalling and diverse cellular interaction. <i>Mucosal Immunology</i> , 2021 , 14, 762-773	9.2	3
64	Thioamide Derivative of the Potent Antitubercular 2-(Decylsulfonyl)acetamide is Less Active Against Mycobacterium tuberculosis, but a More Potent Antistaphylococcal Agent. <i>Australian Journal of Chemistry</i> , 2018 , 71, 716	1.2	3
63	Synthesis of Norfijimycin A with Activity against Mycobacterium tuberculosis. <i>Australian Journal of Chemistry</i> , 2017 , 70, 229	1.2	2
62	Biochemistry of the Cell Envelope of Mycobacterium tuberculosis 2017 , 1-19		2
61	Mycobacterium tuberculosis Interactions with Dendritic Cells and Macrophages 2017 , 45-59		2
60	Manipulation of the Macrophage Response by Pathogenic Mycobacteria 2017 , 91-117		2
59	Mathematical Modeling of Tuberculosis Transmission Dynamics 2017 , 227-243		2
58	Synthetic Sansanmycin Analogues as Potent Translocase I Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 17326-17345	8.3	2
57	Mycobacterial infection-induced miR-206 inhibits protective neutrophil recruitment via the CXCL12/CXCR4 signalling axis		2
56	Effect of -Acetylcysteine in Combination with Antibiotics on the Biofilms of Three Cystic Fibrosis Pathogens of Emerging Importance. <i>Antibiotics</i> , 2021 , 10,	4.9	2
55	Rough and smooth variants of Mycobacterium abscessus are differentially controlled by host immunity during chronic infection of adult zebrafish.. <i>Nature Communications</i> , 2022 , 13, 952	17.4	2
54	Killing Mechanisms of the Host Against Mycobacterium tuberculosis 2017 , 61-89		1
53	The Antibody Response to Infection with Mycobacterium tuberculosis 2017 , 227-244		1
52	Iron Uptake by Mycobacterium tuberculosis 2017 , 91-110		1
51	Current transmission prevention methods: reducing disease spread from infected individuals 2014 , 53-75		1

50	Modulation of Roquin Function in Myeloid Cells Reduces -Induced Inflammation. <i>Journal of Immunology</i> , 2017 , 199, 1796-1804	5.3	1
49	Virulence and Persistence Mechanisms of <i>Mycobacterium tuberculosis</i> 2017 , 151-191		1
48	Clinical Features of Tuberculosis 2017 , 89-113		1
47	Molecular Epidemiology of <i>Mycobacterium tuberculosis</i> 2017 , 41-62		1
46	Latent Tuberculosis Infection 2017 , 165-180		1
45	Global Epidemiology and Control of Tuberculosis 2017 , 1-21		1
44	Mucosal delivery of a multistage subunit vaccine promotes development of lung-resident memory T cells and affords interleukin-17-dependant protection against pulmonary tuberculosis		1
43	Boosting BCG with recombinant influenza A virus tuberculosis vaccines increases pulmonary T cell responses but not protection against <i>Mycobacterium tuberculosis</i> infection. <i>PLoS ONE</i> , 2021 , 16, e0259829 ^{3,7}		1
42	Advax adjuvant formulations promote protective immunity against aerosol <i>Mycobacterium tuberculosis</i> in the absence of deleterious inflammation and reactogenicity		1
41	Thrombocyte inhibition restores protective immunity to mycobacterial infection in zebrafish		1
40	Rough and smooth variant <i>Mycobacterium abscessus</i> infections are differentially controlled by host immunity during chronic infection		1
39	Advax adjuvant formulations promote protective immunity against aerosol <i>Mycobacterium tuberculosis</i> in the absence of deleterious inflammation and reactogenicity. <i>Vaccine</i> , 2021 , 39, 1990-1996 ^{4.1}		1
38	OXSR1 inhibits inflammasome activation by limiting potassium efflux during mycobacterial infection		1
37	TCR Affinity Controls the Dynamics but Not the Functional Specification of the Antimycobacterial CD4 T Cell Response. <i>Journal of Immunology</i> , 2021 ,	5.3	1
36	Particulate <i>Mycobacterium</i> Vaccines Induce Protective Immunity against Tuberculosis in Mice. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
35	Haem oxygenase limits <i>Mycobacterium marinum</i> infection-induced detrimental ferrostatin-sensitive cell death in zebrafish. <i>FEBS Journal</i> , 2021 ,	5.7	1
34	Glucose inhibits haemostasis and accelerates diet-induced hyperlipidaemia in zebrafish larvae. <i>Scientific Reports</i> , 2021 , 11, 19049	4.9	1
33	Inhibition of infection-induced vascular permeability modulates host leukocyte recruitment to <i>Mycobacterium marinum</i> granulomas in zebrafish.. <i>Pathogens and Disease</i> , 2022 ,	4.2	1

32	Common anti-haemostatic medications increase the severity of systemic infection by uropathogenic Escherichia coli. <i>Microbiological Research</i> , 2022 , 254, 126918	5.3	o
31	Influence of phthiocerol dimycocerosate on CD4(+) T cell priming and persistence during Mycobacterium tuberculosis infection. <i>Tuberculosis</i> , 2016 , 99, 25-30	2.6	o
30	High sensitivity and specificity of a 5-analyte protein and microRNA biosignature for identification of active tuberculosis. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1298	6.8	o
29	Macrophages of different tissue origin exhibit distinct inflammatory responses to mycobacterial infection. <i>Immunology and Cell Biology</i> , 2021 , 99, 1085-1092	5	o
28	Pharmacokinetics and Safety of Inhaled Ivermectin in Mice as a Potential COVID-19 Treatment.. <i>International Journal of Pharmaceutics</i> , 2022 , 121688	6.5	o
27	Population-wide active case finding and prevention for tuberculosis and leprosy elimination in Kiribati: the PEARL study protocol.. <i>BMJ Open</i> , 2022 , 12, e055295	3	o
26	Treatment of infection-induced vascular pathologies is protective against persistent rough morphotype Mycobacterium abscessus infection in zebrafish.. <i>Microbial Pathogenesis</i> , 2022 , 105590	3.8	o
25	Protein Transport in Mycobacterium tuberculosis 2017 , 111-130		
24	The Proteome of Mycobacterium tuberculosis in Three Dimensions 2017 , 261-285		
23	Genomics of the Mycobacterium tuberculosis Complex 2017 , 193-211		
22	Nutrient Uptake by Mycobacteria 2017 , 71-89		
21	Proteomics of Mycobacterium tuberculosis 2017 , 241-260		
20	Transcriptomics and Transcriptional Regulation 2017 , 213-240		
19	Experimental Genetics of Mycobacterium tuberculosis 2017 , 379-391		
18	Dendritic Cells Inflammatory Signature Induced by Microbial Pathogens 2017 , 23-44		
17	Maintenance of Latent Infection, with Correlates of Protective Immunity 2017 , 279-304		
16	Novel Vaccination Strategies Against Tuberculosis 2017 , 369-387		
15	BCG Vaccination: Epidemiology and Immunology 2017 , 245-276		

- 14 Tuberculosis Control: Good Clinical Care and Good Public Health **2017**, 115-130
- 13 Clinical Management of Multidrug-Resistant Tuberculosis **2017**, 181-211
- 12 Novel Treatment Strategies for TB Patients with HIV Co-infection **2017**, 213-225
- 11 Molecular Mechanisms of Dormancy and Resuscitation **2017**, 287-306
- 10 Surveillance Studies and Interpretation **2017**, 23-40
- 9 TB Drug Discovery from Target Identification to Proof of Concept Studies **2017**, 143-163
- 8 Clinical Diagnosis of M. tuberculosis Infection **2017**, 63-87
- 7 Chemotherapy of Tuberculosis **2017**, 131-142
- 6 Pathology and Pathogenesis of Bacterial Infections **2014**, 325-336
- 5 Vaccines for other neonatal infections: neonatal BCG vaccination against tuberculosis. *Expert Review of Vaccines*, **2004**, 3, 365-9 5.2
- 4 Exposure to the gut microbiota from cigarette smoke-exposed mice exacerbates cigarette smoke extract-induced inflammation in zebrafish larvae.. *Current Research in Immunology*, **2021**, 2, 229-236 1
- 3 Immunological Assessment of Lung Responses to Inhalational Lipoprotein Vaccines Against Bacterial Pathogens. *Methods in Molecular Biology*, **2022**, 2414, 301-323 1.4
- 2 Bug breakfast in the bulletin: leprosy. *NSW Public Health Bulletin*, **2013**, 24, 50
- 1 The Constituents of the Cell Envelope and Their Impact on the Host Immune System 249-270