

# David G Russell

## List of Publications by Year in Descending Order

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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.

206  
papers

17,778  
citations

70  
h-index

132  
g-index

241  
ext. papers

20,169  
ext. citations

9.7  
avg, IF

6.82  
L-index

#	Paper	IF	Citations
206	Lnc(ing)RNAs to the "shock and kill" strategy for HIV-1 cure. <i>Molecular Therapy - Nucleic Acids</i> , <b>2021</b> , 23, 1272-1280	10.7	2
205	Single cell analysis of M. tuberculosis phenotype and macrophage lineages in the infected lung. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	12
204	The Tuberculosis Drug Accelerator at year 10: what have we learned?. <i>Nature Medicine</i> , <b>2021</b> , 27, 1333-1337	37.5	7
203	In Vitro Miniaturized Tuberculosis Spheroid Model. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	1
202	Dual RNA-Sequencing of -Infected Cells from a Murine Infection Model. <i>STAR Protocols</i> , <b>2020</b> , 1, 100123	1.4	3
201	Mycobacterium tuberculosis <b>2020</b> , 127-138		1
200	Dual RNA-Seq of Mtb-Infected Macrophages In Vivo Reveals Ontologically Distinct Host-Pathogen Interactions. <i>Cell Reports</i> , <b>2020</b> , 30, 335-350.e4	10.6	66
199	Nutritional assessment among adult patients with suspected or confirmed active tuberculosis disease in rural India. <i>PLoS ONE</i> , <b>2020</b> , 15, e0233306	3.7	2
198	Nutrition and the Gut Microbiota in 10- to 18-Month-Old Children Living in Urban Slums of Mumbai, India. <i>MSphere</i> , <b>2020</b> , 5,	5	9
197	Nutritional Status and Measles Antibody Titer in Children Living in Urban Slums of Mumbai. <i>Current Developments in Nutrition</i> , <b>2020</b> , 4, 1524-1524	0.4	78
196	TZM-gfp cells: a tractable fluorescent tool for analysis of rare and early HIV-1 infection. <i>Scientific Reports</i> , <b>2020</b> , 10, 19900	4.9	1
195	Immunometabolism at the interface between macrophages and pathogens. <i>Nature Reviews Immunology</i> , <b>2019</b> , 19, 291-304	36.5	159
194	Cellular Microbiology: The metabolic interface between host cell and pathogen. <i>Cellular Microbiology</i> , <b>2019</b> , 21, e13075	3.9	0
193	Triggering MSR1 promotes JNK-mediated inflammation in IL-4-activated macrophages. <i>EMBO Journal</i> , <b>2019</b> , 38,	13	33
192	Inhibition of the lncRNA SAF drives activation of apoptotic effector caspases in HIV-1-infected human macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 7431-7438	11.5	27
191	: Bacterial Fitness within the Host Macrophage. <i>Microbiology Spectrum</i> , <b>2019</b> , 7,	8.9	24
190	Interleukin-2-Inducible T-Cell Kinase Deficiency Impairs Early Pulmonary Protection Against Infection. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 3103	8.4	7

189	The genetic requirements of fatty acid import by within macrophages. <i>ELife</i> , <b>2019</b> , 8,	8.9	27
188	A novel, sensitive dual-indicator cell line for detection and quantification of inducible, replication-competent latent HIV-1 from reservoir cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 19325	4.9	1
187	Exploitation of Synthetic mRNA To Drive Immune Effector Cell Recruitment and Functional Reprogramming In Vivo. <i>Journal of Immunology</i> , <b>2019</b> , 202, 608-617	5.3	6
186	Growth of in vivo segregates with host macrophage metabolism and ontogeny. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 1135-1152	16.6	216
185	Enhanced Permeability and Retention-like Extravasation of Nanoparticles from the Vasculature into Tuberculosis Granulomas in Zebrafish and Mouse Models. <i>ACS Nano</i> , <b>2018</b> , 12, 8646-8661	16.7	60
184	The Deconstructed Granuloma: A Complex High-Throughput Drug Screening Platform for the Discovery of Host-Directed Therapeutics Against Tuberculosis. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 275	5.9	17
183	Flow Cytometric Quantification of Fatty Acid Uptake by in Macrophages. <i>Bio-protocol</i> , <b>2018</b> , 8,	0.9	3
182	Alveolar T-helper 17 responses to streptococcus pneumoniae are preserved in ART-untreated and treated HIV-infected Malawian adults. <i>Journal of Infection</i> , <b>2018</b> , 76, 168-176	18.9	2
181	Matrix metalloproteinase inhibitors enhance the efficacy of frontline drugs against Mycobacterium tuberculosis. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1006974	7.6	34
180	Microbiology: Diversity breeds tolerance. <i>Nature</i> , <b>2017</b> , 546, 44-45	50.4	1
179	Novel protein acetyltransferase, Rv2170, modulates carbon and energy metabolism in Mycobacterium tuberculosis. <i>Scientific Reports</i> , <b>2017</b> , 7, 72	4.9	13
178	Host transcriptional responses following ex vivo re-challenge with Mycobacterium tuberculosis vary with disease status. <i>PLoS ONE</i> , <b>2017</b> , 12, e0185640	3.7	4
177	Mycobacterium tuberculosis arrests host cycle at the G1/S transition to establish long term infection. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006389	7.6	24
176	Mycobacterium tuberculosis: Life and Death in the Phagosome <b>2017</b> , 307-322		4
175	Protective immunity against tuberculosis: what does it look like and how do we find it?. <i>Current Opinion in Immunology</i> , <b>2017</b> , 48, 44-50	7.8	24
174	2-N-Arylthiazole inhibitors of Mycobacterium tuberculosis. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 3987-3991	2.9	4
173	Growing and Handling of Mycobacterium tuberculosis for Macrophage Infection Assays. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1519, 325-331	1.4	2
172	Mycobacterium tuberculosis: Readouts of Bacterial Fitness and the Environment Within the Phagosome. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1519, 333-347	1.4	12

171	HIV-associated disruption of lung cytokine networks is incompletely restored in asymptomatic HIV-infected Malawian adults on antiretroviral therapy. <i>ERJ Open Research</i> , <b>2017</b> , 3,	3.5	6
170	The Minimal Unit of Infection: Mycobacterium tuberculosis in the Macrophage <b>2017</b> , 635-652		1
169	Rv3723/LucA coordinates fatty acid and cholesterol uptake in. <i>ELife</i> , <b>2017</b> , 6,	8.9	83
168	Functional Analysis of Phagocyte Activity in Whole Blood from HIV/Tuberculosis-Infected Individuals Using a Novel Flow Cytometry-Based Assay. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1222	8.4	7
167	Author response: Rv3723/LucA coordinates fatty acid and cholesterol uptake in Mycobacterium tuberculosis <b>2017</b> ,		2
166	MARCO variants are associated with phagocytosis, pulmonary tuberculosis susceptibility and Beijing lineage. <i>Genes and Immunity</i> , <b>2016</b> , 17, 419-425	4.4	28
165	Heterogeneous loss of HIV transcription and proviral DNA from 8E5/LAV lymphoblastic leukemia cells revealed by RNA FISH:FLOW analyses. <i>Retrovirology</i> , <b>2016</b> , 13, 55	3.6	15
164	Pathogenic mycobacteria achieve cellular persistence by inhibiting the Niemann-Pick Type C disease cellular pathway. <i>Wellcome Open Research</i> , <b>2016</b> , 1, 18	4.8	13
163	The ins and outs of the Mycobacterium tuberculosis-containing vacuole. <i>Cellular Microbiology</i> , <b>2016</b> , 18, 1065-9	3.9	24
162	The Minimal Unit of Infection: Mycobacterium tuberculosis in the Macrophage. <i>Microbiology Spectrum</i> , <b>2016</b> , 4,	8.9	24
161	Immune activation of the host cell induces drug tolerance in Mycobacterium tuberculosis both in vitro and in vivo. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 809-25	16.6	99
160	Detection and quantification of microbial manipulation of phagosomal function. <i>Methods in Cell Biology</i> , <b>2015</b> , 126, 305-29	1.8	2
159	Trans-species communication in the Mycobacterium tuberculosis-infected macrophage. <i>Immunological Reviews</i> , <b>2015</b> , 264, 233-48	11.3	25
158	Novel inhibitors of cholesterol degradation in Mycobacterium tuberculosis reveal how the bacterium's metabolism is constrained by the intracellular environment. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004679	7.6	163
157	The HIV-1 protein Vpr impairs phagosome maturation by controlling microtubule-dependent trafficking. <i>Journal of Cell Biology</i> , <b>2015</b> , 211, 359-72	7.3	33
156	Household air pollution causes dose-dependent inflammation and altered phagocytosis in human macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2015</b> , 52, 584-93	5.7	67
155	Lesion-Specific Immune Response in Granulomas of Patients with Pulmonary Tuberculosis: A Pilot Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0132249	3.7	55
154	Chronic Household Air Pollution Exposure Is Associated with Impaired Alveolar Macrophage Function in Malawian Non-Smokers. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138762	3.7	8

153	Perforin-2 is essential for intracellular defense of parenchymal cells and phagocytes against pathogenic bacteria. <i>ELife</i> , <b>2015</b> , 4,	8.9	49
152	Asymptomatic HIV-infected individuals on antiretroviral therapy exhibit impaired lung CD4(+) T-cell responses to mycobacteria. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 190, 938-47 <sup>10.2</sup>		35
151	Signaling for Phagocytosis <b>2014</b> , 193-P2		
150	Legionella pneumophila, a Pathogen of Amoebae and Macrophages <b>2014</b> , 393-403		
149	The Role of Phagocytic Cells during Shigella Invasion of the Colonic Mucosa <b>2014</b> , 405-418		
148	Small alveolar macrophages are infected preferentially by HIV and exhibit impaired phagocytic function. <i>Mucosal Immunology</i> , <b>2014</b> , 7, 1116-26	9.2	122
147	Exploitation of Mycobacterium tuberculosis reporter strains to probe the impact of vaccination at sites of infection. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004394	7.6	50
146	The Sculpting of the Mycobacterium tuberculosis Genome by Host Cell-Derived Pressures. <i>Microbiology Spectrum</i> , <b>2014</b> , 2,	8.9	2
145	Dynamic quantitative assays of phagosomal function. <i>Current Protocols in Immunology</i> , <b>2013</b> , 102, 14.34.1-14.34.14		
144	TrpPng tuberculosis. <i>Cell</i> , <b>2013</b> , 155, 1209-10	56.2	5
143	Perspective: Graduation time. <i>Nature</i> , <b>2013</b> , 502, S7	50.4	4
142	Infection of macrophages with Mycobacterium tuberculosis induces global modifications to phagosomal function. <i>Cellular Microbiology</i> , <b>2013</b> , 15, 843-59	3.9	117
141	The evolutionary pressures that have molded Mycobacterium tuberculosis into an infectious adjuvant. <i>Current Opinion in Microbiology</i> , <b>2013</b> , 16, 78-84	7.9	34
140	Intracellular Mycobacterium tuberculosis exploits host-derived fatty acids to limit metabolic stress. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 6788-800	5.4	241
139	Mycobacterium tuberculosis responds to chloride and pH as synergistic cues to the immune status of its host cell. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003282	7.6	91
138	Mycobacterial trehalose dimycolate reprograms macrophage global gene expression and activates matrix metalloproteinases. <i>Infection and Immunity</i> , <b>2013</b> , 81, 764-76	3.7	34
137	Defects in neutrophil granule mobilization and bactericidal activity in familial hemophagocytic lymphohistiocytosis type 5 (FHL-5) syndrome caused by STXBP2/Munc18-2 mutations. <i>Blood</i> , <b>2013</b> , 122, 109-11	2.2	40
136	Linking the transcriptional profiles and the physiological states of Mycobacterium tuberculosis during an extended intracellular infection. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002769	7.6	187

135	The galvanizing of Mycobacterium tuberculosis: an antimicrobial mechanism. <i>Cell Host and Microbe</i> , <b>2011</b> , 10, 181-3	23.4	5
134	Quantification of Mycobacterium avium subsp. paratuberculosis (MAP) survival in monocyte-derived macrophages. <i>Veterinary Immunology and Immunopathology</i> , <b>2011</b> , 139, 73-8	2	5
133	aprABC: a Mycobacterium tuberculosis complex-specific locus that modulates pH-driven adaptation to the macrophage phagosome. <i>Molecular Microbiology</i> , <b>2011</b> , 80, 678-94	4.1	125
132	Mycobacterium tuberculosis and the intimate discourse of a chronic infection. <i>Immunological Reviews</i> , <b>2011</b> , 240, 252-68	11.3	193
131	Pathway profiling in Mycobacterium tuberculosis: elucidation of cholesterol-derived catabolite and enzymes that catalyze its metabolism. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 43668-43678	5.4	77
130	Induction of ER stress in macrophages of tuberculosis granulomas. <i>PLoS ONE</i> , <b>2010</b> , 5, e12772	3.7	100
129	Fibrinogen regulates the cytotoxicity of mycobacterial trehalose dimycolate but is not required for cell recruitment, cytokine response, or control of mycobacterial infection. <i>Infection and Immunity</i> , <b>2010</b> , 78, 1004-11	3.7	18
128	Functional genetic diversity among Mycobacterium tuberculosis complex clinical isolates: delineation of conserved core and lineage-specific transcriptomes during intracellular survival. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000988	7.6	185
127	Tuberculosis: what we don't know can, and does, hurt us. <i>Science</i> , <b>2010</b> , 328, 852-6	33.3	376
126	Mycobacterium tuberculosis wears what it eats. <i>Cell Host and Microbe</i> , <b>2010</b> , 8, 68-76	23.4	139
125	Equine bronchial epithelial cells differentiate into ciliated and mucus producing cells in vitro. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2010</b> , 46, 102-6	2.6	12
124	Caseation of human tuberculosis granulomas correlates with elevated host lipid metabolism. <i>EMBO Molecular Medicine</i> , <b>2010</b> , 2, 258-74	12	316
123	Development of a novel, cell-based chemical screen to identify inhibitors of intraphagosomal lipolysis in macrophages. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2010</b> , 77, 751-60	4.6	11
122	MARCO, TLR2, and CD14 are required for macrophage cytokine responses to mycobacterial trehalose dimycolate and Mycobacterium tuberculosis. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000474	7.6	215
121	Decreased outer membrane permeability protects mycobacteria from killing by ubiquitin-derived peptides. <i>Molecular Microbiology</i> , <b>2009</b> , 73, 844-57	4.1	55
120	Foamy macrophages and the progression of the human tuberculosis granuloma. <i>Nature Immunology</i> , <b>2009</b> , 10, 943-8	19.1	529
119	The macrophage marches on its phagosome: dynamic assays of phagosome function. <i>Nature Reviews Immunology</i> , <b>2009</b> , 9, 594-600	36.5	136
118	Intraphagosomal Measurement of the Magnitude and Duration of the Oxidative Burst. <i>Traffic</i> , <b>2009</b> , 10, 372-378	5.7	73

117	Transcriptional responses of Mycobacterium tuberculosis to lung surfactant. <i>Microbial Pathogenesis</i> , <b>2009</b> , 46, 185-93	3.8	34
116	Infection by tubercular mycobacteria is spread by nonlytic ejection from their amoeba hosts. <i>Science</i> , <b>2009</b> , 323, 1729-33	33.3	164
115	Edaxadiene: a new bioactive diterpene from Mycobacterium tuberculosis. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 17526-7	16.4	49
114	Intraphagosomal measurement of the magnitude and duration of the oxidative burst. <i>Traffic</i> , <b>2009</b> , 10, 372-8	5.7	43
113	Recording phagosome maturation through the real-time, spectrofluorometric measurement of hydrolytic activities. <i>Methods in Molecular Biology</i> , <b>2009</b> , 531, 157-71	1.4	20
112	Association between sputum smear status and local immune responses at the site of disease in HIV-infected patients with pulmonary tuberculosis. <i>Tuberculosis</i> , <b>2008</b> , 88, 58-63	2.6	12
111	Peripheral cell wall lipids of Mycobacterium tuberculosis are inhibitory to surfactant function. <i>Tuberculosis</i> , <b>2008</b> , 88, 178-86	2.6	20
110	Staphylococcus and the healing power of pus. <i>Cell Host and Microbe</i> , <b>2008</b> , 3, 115-6	23.4	11
109	Genetic toggling of alkaline phosphatase folding reveals signal peptides for all major modes of transport across the inner membrane of bacteria. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 35223-35	5.4	40
108	Recombinase-based reporter system and antisense technology to study gene expression and essentiality in hypoxic nonreplicating mycobacteria. <i>FEMS Microbiology Letters</i> , <b>2008</b> , 284, 68-75	2.9	9
107	Real-time spectrofluorometric assays for the luminal environment of the maturing phagosome. <i>Methods in Molecular Biology</i> , <b>2008</b> , 445, 311-25	1.4	49
106	Structural characterization of phosphatidyl-myo-inositol mannosides from Mycobacterium bovis Bacillus Calmette Guérin by multiple-stage quadrupole ion-trap mass spectrometry with electrospray ionization. I. PIMs and lyso-PIMs. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2007</b> , 18, 479-92	3.5	44
105	Structural characterization of phosphatidyl-myo-inositol mannosides from Mycobacterium bovis Bacillus Calmette Guérin by multiple-stage quadrupole ion-trap mass spectrometry with electrospray ionization. II. Monoacyl- and diacyl-PIMs. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2007</b> , 18, 479-92	3.5	43
104	Toll-like receptors and phagosome maturation. <i>Nature Immunology</i> , <b>2007</b> , 8, 217; author reply 217-8	19.1	20
103	Who puts the tubercle in tuberculosis?. <i>Nature Reviews Microbiology</i> , <b>2007</b> , 5, 39-47	22.2	451
102	TLR signalling and phagosome maturation: an alternative viewpoint. <i>Cellular Microbiology</i> , <b>2007</b> , 9, 849-50	3.9	20
101	Lysosomal ubiquitin and the demise of Mycobacterium tuberculosis. <i>Cellular Microbiology</i> , <b>2007</b> , 9, 2768-74	3.4	21
100	Mycobacterium tuberculosis and the environment within the phagosome. <i>Immunological Reviews</i> , <b>2007</b> , 219, 37-54	11.3	270

99	Macrophage activation downregulates the degradative capacity of the phagosome. <i>Traffic</i> , <b>2007</b> , 8, 241-50	5.9	106
98	Alveolar macrophages from HIV-infected patients with pulmonary tuberculosis retain the capacity to respond to stimulation by lipopolysaccharide. <i>Microbes and Infection</i> , <b>2007</b> , 9, 1053-60	9.3	10
97	Lysosomal killing of Mycobacterium mediated by ubiquitin-derived peptides is enhanced by autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 6031-6	11.5	265
96	Ubiquitin trafficking to the lysosome: keeping the house tidy and getting rid of unwanted guests. <i>Autophagy</i> , <b>2007</b> , 3, 399-401	10.2	11
95	Mycobacterium tuberculosis invasion of macrophages: linking bacterial gene expression to environmental cues. <i>Cell Host and Microbe</i> , <b>2007</b> , 2, 352-64	23.4	264
94	Adherent and invasive Escherichia coli is associated with granulomatous colitis in boxer dogs. <i>Infection and Immunity</i> , <b>2006</b> , 74, 4778-92	3.7	206
93	M. tuberculosis Rv2252 encodes a diacylglycerol kinase involved in the biosynthesis of phosphatidylinositol mannosides (PIMs). <i>Molecular Microbiology</i> , <b>2006</b> , 60, 1152-63	4.1	15
92	Phagosome maturation proceeds independently of stimulation of toll-like receptors 2 and 4. <i>Immunity</i> , <b>2005</b> , 23, 409-17	32.3	174
91	Structural characterization of cardiolipin by tandem quadrupole and multiple-stage quadrupole ion-trap mass spectrometry with electrospray ionization. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2005</b> , 16, 491-504	3.5	109
90	Kinetics of phosphatidylinositol-3-phosphate acquisition differ between IgG bead-containing phagosomes and Mycobacterium tuberculosis-containing phagosomes. <i>Cellular Microbiology</i> , <b>2005</b> , 7, 1627-34	3.9	28
89	The kinetics of phagosome maturation as a function of phagosome/lysosome fusion and acquisition of hydrolytic activity. <i>Traffic</i> , <b>2005</b> , 6, 413-20	5.7	162
88	Cell wall lipids from Mycobacterium bovis BCG are inflammatory when inoculated within a gel matrix: characterization of a new model of the granulomatous response to mycobacterial components. <i>Tuberculosis</i> , <b>2005</b> , 85, 159-76	2.6	58
87	In vivo activity of released cell wall lipids of Mycobacterium bovis bacillus Calmette-Guérin is due principally to trehalose mycolates. <i>Journal of Immunology</i> , <b>2005</b> , 174, 5007-15	5.3	157
86	Elemental analysis of Mycobacterium avium-, Mycobacterium tuberculosis-, and Mycobacterium smegmatis-containing phagosomes indicates pathogen-induced microenvironments within the host cell's endosomal system. <i>Journal of Immunology</i> , <b>2005</b> , 174, 1491-500	5.3	328
85	Mycobacterium tuberculosis resides in nonacidified vacuoles in endocytically competent alveolar macrophages from patients with tuberculosis and HIV infection. <i>Journal of Immunology</i> , <b>2004</b> , 172, 4592-8	5.3	94
84	Vesicle size influences the trafficking, processing, and presentation of antigens in lipid vesicles. <i>Journal of Immunology</i> , <b>2004</b> , 173, 6143-50	5.3	97
83	The Mycobacterium tuberculosis ino1 gene is essential for growth and virulence. <i>Molecular Microbiology</i> , <b>2004</b> , 51, 1003-14	4.1	78
82	Isolation of Mycobacterium tuberculosis mutants defective in the arrest of phagosome maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 13642-7	11.5	250



81	Biochemical and structural studies of malate synthase from Mycobacterium tuberculosis. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 1735-43	5.4	109
80	Highlighting the parallels between human and bovine tuberculosis. <i>Journal of Veterinary Medical Education</i> , <b>2003</b> , 30, 140-2	1.3	4
79	Identification and macrophage-activating activity of glycolipids released from intracellular Mycobacterium bovis BCG. <i>Molecular Microbiology</i> , <b>2003</b> , 48, 875-88	4.1	91
78	Phagosomes, fatty acids and tuberculosis. <i>Nature Cell Biology</i> , <b>2003</b> , 5, 776-8	23.4	76
77	pckA-deficient Mycobacterium bovis BCG shows attenuated virulence in mice and in macrophages. <i>Microbiology (United Kingdom)</i> , <b>2003</b> , 149, 1829-1835	2.9	77
76	Association of a macrophage galactoside-binding protein with Mycobacterium-containing phagosomes. <i>Cellular Microbiology</i> , <b>2002</b> , 4, 167-76	3.9	66
75	Expression of the filarial nematode phosphorylcholine-containing glycoprotein, ES62, is stage specific. <i>Parasitology</i> , <b>2002</b> , 125, 155-64	2.7	31
74	Mycobacterium and the coat of many lipids. <i>Journal of Cell Biology</i> , <b>2002</b> , 158, 421-6	7.3	142
73	Mycobacterium tuberculosis: here today, and here tomorrow. <i>Nature Reviews Molecular Cell Biology</i> , <b>2001</b> , 2, 569-77	48.7	582
72	Mycobacterial surface moieties are released from infected macrophages by a constitutive exocytic event. <i>European Journal of Cell Biology</i> , <b>2001</b> , 80, 31-40	6.1	100
71	Analysis of mycobacterium-infected macrophages by immunoelectron microscopy and cell fractionation. <i>Methods in Molecular Medicine</i> , <b>2001</b> , 54, 281-93		3
70	Mycobacterial persistence: adaptation to a changing environment. <i>Trends in Microbiology</i> , <b>2001</b> , 9, 597-605	5.4	179
69	Leprosy research in the post-genome era. <i>Leprosy Review</i> , <b>2001</b> , 72, 8-22	0.6	11
68	Trafficking and release of mycobacterial lipids from infected macrophages. <i>Traffic</i> , <b>2000</b> , 1, 235-47	5.7	278
67	Structure of isocitrate lyase, a persistence factor of Mycobacterium tuberculosis. <i>Nature Structural Biology</i> , <b>2000</b> , 7, 663-8		187
66	Persistence of Mycobacterium tuberculosis in macrophages and mice requires the glyoxylate shunt enzyme isocitrate lyase. <i>Nature</i> , <b>2000</b> , 406, 735-8	50.4	1091
65	Acylation-dependent protein export in Leishmania. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 11017-25	5.4	130
64	Interaction of Mycobacterium avium-containing phagosomes with the antigen presentation pathway. <i>Journal of Immunology</i> , <b>2000</b> , 165, 6073-80	5.3	49

63	Sequence requirements for trafficking of the CRAM transmembrane protein to the flagellar pocket of African trypanosomes. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 5149-63	4.8	12
62	Identification of mycobacterial surface proteins released into subcellular compartments of infected macrophages. <i>Infection and Immunity</i> , <b>2000</b> , 68, 6997-7002	3.7	127
61	Cell Biological Approaches to the Study of Intracellular Pathogens: Motility, Invasion, Secretion and Vesicular Trafficking <b>2000</b> , 213-254		
60	Direct delivery of procathepsin D to phagosomes: implications for phagosome biogenesis and parasitism by Mycobacterium. <i>European Journal of Cell Biology</i> , <b>1999</b> , 78, 739-48	6.1	62
59	Cysteine protease inhibitors as chemotherapy: lessons from a parasite target. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 11015-22	11.5	156
58	Characterization of activity and expression of isocitrate lyase in Mycobacterium avium and Mycobacterium tuberculosis. <i>Journal of Bacteriology</i> , <b>1999</b> , 181, 7161-7	3.5	207
57	What does inhibition of phagosome-lysosome fusion really mean?. <i>Trends in Microbiology</i> , <b>1998</b> , 6, 212-42.4	13	
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