

Joanne L Flynn

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.

166
papers

19,885
citations

76
h-index

140
g-index

177
ext. papers

22,987
ext. citations

9
avg, IF

6.86
L-index

#	Paper	IF	Citations
166	Multimodal profiling of lung granulomas in macaques reveals cellular correlates of tuberculosis control.. <i>Immunity</i> , 2022 ,	32.3	7
165	T cell transcription factor expression evolves over time in granulomas from Mycobacterium tuberculosis-infected cynomolgus macaques.. <i>Cell Reports</i> , 2022 , 39, 110826	10.6	0
164	Medical imaging of pulmonary disease in SARS-CoV-2-exposed non-human primates.. <i>Trends in Molecular Medicine</i> , 2021 ,	11.5	4
163	Temporal and Spatial Analyses of TB Granulomas to Predict Long-Term Outcomes 2021 , 273-291		
162	Robust IgM responses following intravenous vaccination with Bacille Calmette-Guérin associate with prevention of Mycobacterium tuberculosis infection in macaques. <i>Nature Immunology</i> , 2021 , 22, 1515-1523	19.1	7
161	Adjuvanting a subunit COVID-19 vaccine to induce protective immunity. <i>Nature</i> , 2021 , 594, 253-258	50.4	92
160	Measurement of leukocyte trafficking kinetics in macaques by serial intravascular staining. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	8
159	Adjuvanting a subunit SARS-CoV-2 nanoparticle vaccine to induce protective immunity in non-human primates 2021 ,		7
158	Retention of Cu-FLFLF, a Formyl Peptide Receptor 1-Specific PET Probe, Correlates with Macrophage and Neutrophil Abundance in Lung Granulomas from Cynomolgus Macaques. <i>ACS Infectious Diseases</i> , 2021 , 7, 2264-2276	5.5	2
157	Evaluation of IL-1 Blockade as an Adjunct to Linezolid Therapy for Tuberculosis in Mice and Macaques. <i>Frontiers in Immunology</i> , 2020 , 11, 891	8.4	13
156	A computational model tracks whole-lung Mycobacterium tuberculosis infection and predicts factors that inhibit dissemination. <i>PLoS Computational Biology</i> , 2020 , 16, e1007280	5	9
155	Pharmacokinetics of tedizolid, sutezolid, and sutezolid-M1 in non-human primates. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 151, 105421	5.1	4
154	At the Interface of Microbiology and Immunology. <i>Journal of Immunology</i> , 2020 , 204, 1413-1417	5.3	
153	SARS-CoV-2 Receptor ACE2 Is an Interferon-Stimulated Gene in Human Airway Epithelial Cells and Is Detected in Specific Cell Subsets across Tissues. <i>Cell</i> , 2020 , 181, 1016-1035.e19	56.2	1326
152	Prevention of tuberculosis in macaques after intravenous BCG immunization. <i>Nature</i> , 2020 , 577, 95-102	50.4	204
151	IL-10 Impairs Local Immune Response in Lung Granulomas and Lymph Nodes during Early Infection. <i>Journal of Immunology</i> , 2020 , 204, 644-659	5.3	21
150	SARS-CoV-2 infection of African green monkeys results in mild respiratory disease discernible by PET/CT imaging and shedding of infectious virus from both respiratory and gastrointestinal tracts. <i>PLoS Pathogens</i> , 2020 , 16, e1008903	7.6	72

149	SIV and Mycobacterium tuberculosis synergy within the granuloma accelerates the reactivation pattern of latent tuberculosis. <i>PLoS Pathogens</i> , 2020 , 16, e1008413	7.6	12
148	Lymph nodes-The neglected battlefield in tuberculosis. <i>PLoS Pathogens</i> , 2020 , 16, e1008632	7.6	9
147	Spatial Organization and Recruitment of Non-Specific T Cells May Limit T Cell-Macrophage Interactions Within Granulomas. <i>Frontiers in Immunology</i> , 2020 , 11, 613638	8.4	4
146	Boosting BCG with proteins or rAd5 does not enhance protection against tuberculosis in rhesus macaques. <i>Npj Vaccines</i> , 2019 , 4, 21	9.5	27
145	Prospective Discrimination of Controllers From Progressors Early After Low-Dose Mycobacterium tuberculosis Infection of Cynomolgus Macaques using Blood RNA Signatures. <i>Journal of Infectious Diseases</i> , 2018 , 217, 1318-1322	7	10
144	Rhesus Macaques Are More Susceptible to Progressive Tuberculosis than Cynomolgus Macaques: a Quantitative Comparison. <i>Infection and Immunity</i> , 2018 , 86,	3.7	61
143	Low Levels of T Cell Exhaustion in Tuberculous Lung Granulomas. <i>Infection and Immunity</i> , 2018 , 86,	3.7	24
142	Identification of Mycobacterium tuberculosis using volatile biomarkers in culture and exhaled breath. <i>Journal of Breath Research</i> , 2018 , 13, 016004	3.1	14
141	Spatial and temporal evolution of lung granulomas in a cynomolgus macaque model of infection.. <i>Radiology of Infectious Diseases</i> , 2018 , 5, 110-117	2	1
140	Lymph nodes are sites of prolonged bacterial persistence during Mycobacterium tuberculosis infection in macaques. <i>PLoS Pathogens</i> , 2018 , 14, e1007337	7.6	35
139	The End of the Binary Era: Revisiting the Spectrum of Tuberculosis. <i>Journal of Immunology</i> , 2018 , 201, 2541-2548	5.3	54
138	Profiling the airway in the macaque model of tuberculosis reveals variable microbial dysbiosis and alteration of community structure. <i>Microbiome</i> , 2018 , 6, 180	16.6	15
137	Concurrent infection with Mycobacterium tuberculosis confers robust protection against secondary infection in macaques. <i>PLoS Pathogens</i> , 2018 , 14, e1007305	7.6	42
136	Integrating Non-human Primate, Human, and Mathematical Studies to Determine the Influence of BCG Timing on H56 Vaccine Outcomes. <i>Frontiers in Microbiology</i> , 2018 , 9, 1734	5.7	6
135	Widespread Virus Replication in Alveoli Drives Acute Respiratory Distress Syndrome in Aerosolized H5N1 Influenza Infection of Macaques. <i>Journal of Immunology</i> , 2017 , 198, 1616-1626	5.3	29
134	Digitally Barcoding Reveals Infection Dynamics in the Macaque Model of Tuberculosis. <i>MBio</i> , 2017 , 8,	7.8	91
133	Positron Emission Tomography Imaging of Macaques with Tuberculosis Identifies Temporal Changes in Granuloma Glucose Metabolism and Integrin α -Expressing Immune Cells. <i>Journal of Immunology</i> , 2017 , 199, 806-815	5.3	35
132	A new method to evaluate macaque health using exhaled breath: A case study of in a BSL-3 setting. <i>Journal of Applied Physiology</i> , 2017 , 122, 695-701	3.7	23

131	Experimental Animal Models of Tuberculosis 2017 , 389-426		18
130	Analysis of 18FDG PET/CT Imaging as a Tool for Studying Mycobacterium tuberculosis Infection and Treatment in Non-human Primates. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	41
129	Heterogeneity in tuberculosis. <i>Nature Reviews Immunology</i> , 2017 , 17, 691-702	36.5	213
128	Identifying mechanisms driving formation of granuloma-associated fibrosis during Mycobacterium tuberculosis infection. <i>Journal of Theoretical Biology</i> , 2017 , 429, 1-17	2.3	22
127	Induction of Heme Oxygenase-1 Expression Is Dependent on Oxidative Stress and Reflects Treatment Outcomes. <i>Frontiers in Immunology</i> , 2017 , 8, 542	8.4	23
126	Diversity of Human and Macaque Airway Immune Cells at Baseline and during Tuberculosis Infection. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016 , 55, 899-908	5.7	13
125	Early Whole Blood Transcriptional Signatures Are Associated with Severity of Lung Inflammation in Cynomolgus Macaques with Mycobacterium tuberculosis Infection. <i>Journal of Immunology</i> , 2016 , 197, 4817-4828	5.3	28
124	Active transforming growth factor- β s associated with phenotypic changes in granulomas after drug treatment in pulmonary tuberculosis. <i>Fibrogenesis and Tissue Repair</i> , 2016 , 9, 6		27
123	Effects of B Cell Depletion on Early Mycobacterium tuberculosis Infection in Cynomolgus Macaques. <i>Infection and Immunity</i> , 2016 , 84, 1301-1311	3.7	62
122	Computational and Empirical Studies Predict Mycobacterium tuberculosis-Specific T Cells as a Biomarker for Infection Outcome. <i>PLoS Computational Biology</i> , 2016 , 12, e1004804	5	30
121	A Novel Sample Processing Method for Rapid Detection of Tuberculosis in the Stool of Pediatric Patients Using the Xpert MTB/RIF Assay. <i>PLoS ONE</i> , 2016 , 11, e0151980	3.7	36
120	PET CT Identifies Reactivation Risk in Cynomolgus Macaques with Latent M. tuberculosis. <i>PLoS Pathogens</i> , 2016 , 12, e1005739	7.6	75
119	Very Low Doses of Mycobacterium tuberculosis Yield Diverse Host Outcomes in Common Marmosets (<i>Callithrix jacchus</i>). <i>Comparative Medicine</i> , 2016 , 66, 412-419	1.6	11
118	The Importance of First Impressions: Early Events in Mycobacterium tuberculosis Infection Influence Outcome. <i>MBio</i> , 2016 , 7, e00342-16	7.8	79
117	Characterization of progressive HIV-associated tuberculosis using 2-deoxy-2-[F]fluoro-D-glucose positron emission and computed tomography. <i>Nature Medicine</i> , 2016 , 22, 1090-1093	50.5	120
116	CD8 T cells and Mycobacterium tuberculosis infection. <i>Seminars in Immunopathology</i> , 2015 , 37, 239-49	12	95
115	Variability in tuberculosis granuloma T cell responses exists, but a balance of pro- and anti-inflammatory cytokines is associated with sterilization. <i>PLoS Pathogens</i> , 2015 , 11, e1004603	7.6	185
114	The TB-specific CD4(+) T cell immune repertoire in both cynomolgus and rhesus macaques largely overlap with humans. <i>Tuberculosis</i> , 2015 , 95, 722-735	2.6	32

113	A sterilizing tuberculosis treatment regimen is associated with faster clearance of bacteria in cavitary lesions in marmosets. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 4181-9	5.9	42
112	A computational tool integrating host immunity with antibiotic dynamics to study tuberculosis treatment. <i>Journal of Theoretical Biology</i> , 2015 , 367, 166-179	2.3	49
111	Macrophage polarization drives granuloma outcome during Mycobacterium tuberculosis infection. <i>Infection and Immunity</i> , 2015 , 83, 324-38	3.7	103
110	Granzyme B-expressing neutrophils correlate with bacterial load in granulomas from Mycobacterium tuberculosis-infected cynomolgus macaques. <i>Cellular Microbiology</i> , 2015 , 17, 1085-97	3.9	41
109	Immunology studies in non-human primate models of tuberculosis. <i>Immunological Reviews</i> , 2015 , 264, 60-73	11.3	95
108	Computational modeling predicts IL-10 control of lesion sterilization by balancing early host immunity-mediated antimicrobial responses with caseation during mycobacterium tuberculosis infection. <i>Journal of Immunology</i> , 2015 , 194, 664-77	5.3	55
107	Sterilization of granulomas is common in active and latent tuberculosis despite within-host variability in bacterial killing. <i>Nature Medicine</i> , 2014 , 20, 75-9	50.5	327
106	Modeling tuberculosis in nonhuman primates. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014 , 4, a018564	5.4	86
105	Challenges and future in vaccines, drug development, and immunomodulatory therapy. <i>Annals of the American Thoracic Society</i> , 2014 , 11 Suppl 4, S201-10	4.7	5
104	In vivo imaging in an ABSL-3 regional biocontainment laboratory. <i>Pathogens and Disease</i> , 2014 , 71, 207-12	1.2	9
103	The role of B cells and humoral immunity in Mycobacterium tuberculosis infection. <i>Seminars in Immunology</i> , 2014 , 26, 588-600	10.7	88
102	PET/CT imaging reveals a therapeutic response to oxazolidinones in macaques and humans with tuberculosis. <i>Science Translational Medicine</i> , 2014 , 6, 265ra167	17.5	99
101	Microenvironments in tuberculous granulomas are delineated by distinct populations of macrophage subsets and expression of nitric oxide synthase and arginase isoforms. <i>Journal of Immunology</i> , 2013 , 191, 773-84	5.3	227
100	IFN- γ from CD4 T cells is essential for host survival and enhances CD8 T cell function during Mycobacterium tuberculosis infection. <i>Journal of Immunology</i> , 2013 , 190, 270-7	5.3	192
99	Predicting lymph node output efficiency using systems biology. <i>Journal of Theoretical Biology</i> , 2013 , 335, 169-84	2.3	44
98	The role of B cells and humoral immunity in Mycobacterium tuberculosis infection. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 783, 225-50	3.6	86
97	B cells regulate neutrophilia during Mycobacterium tuberculosis infection and BCG vaccination by modulating the interleukin-17 response. <i>PLoS Pathogens</i> , 2013 , 9, e1003472	7.6	76
96	Radiologic Responses in Cynomolgus Macaques for Assessing Tuberculosis Chemotherapy Regimens. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 4237-4244	5.9	130

95	Differential virulence and disease progression following Mycobacterium tuberculosis complex infection of the common marmoset (<i>Callithrix jacchus</i>). <i>Infection and Immunity</i> , 2013 , 81, 2909-19	3.7	83
94	Inoculation dose of Mycobacterium tuberculosis does not influence priming of T cell responses in lymph nodes. <i>Journal of Immunology</i> , 2013 , 190, 4707-16	5.3	15
93	Monocyte-derived IL-5 reduces TNF production by Mycobacterium tuberculosis-specific CD4 T cells during SIV/M. tuberculosis coinfection. <i>Journal of Immunology</i> , 2013 , 190, 6320-8	5.3	13
92	A Systems Biology Approach for Understanding Granuloma Formation and Function in Tuberculosis 2013 , 127-155		6
91	Activated B cells in the granulomas of nonhuman primates infected with Mycobacterium tuberculosis. <i>American Journal of Pathology</i> , 2012 , 181, 508-14	5.8	90
90	Metronidazole prevents reactivation of latent Mycobacterium tuberculosis infection in macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 14188-93	11.5	89
89	Tuberculosis Research using Nonhuman Primates 2012 , 173-196		3
88	Differential risk of tuberculosis reactivation among anti-TNF therapies is due to drug binding kinetics and permeability. <i>Journal of Immunology</i> , 2012 , 188, 3169-78	5.3	73
87	CD4 T cell depletion exacerbates acute Mycobacterium tuberculosis while reactivation of latent infection is dependent on severity of tissue depletion in cynomolgus macaques. <i>AIDS Research and Human Retroviruses</i> , 2012 , 28, 1693-702	1.6	86
86	Infection dynamics and response to chemotherapy in a rabbit model of tuberculosis using [¹⁸ F]2-fluoro-deoxy-D-glucose positron emission tomography and computed tomography. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 4391-402	5.9	77
85	The multistage vaccine H56 boosts the effects of BCG to protect cynomolgus macaques against active tuberculosis and reactivation of latent Mycobacterium tuberculosis infection. <i>Journal of Clinical Investigation</i> , 2012 , 122, 303-14	15.9	172
84	Large scale comparison of innate responses to viral and bacterial pathogens in mouse and macaque. <i>PLoS ONE</i> , 2011 , 6, e22401	3.7	23
83	Use of whole genome sequencing to estimate the mutation rate of Mycobacterium tuberculosis during latent infection. <i>Nature Genetics</i> , 2011 , 43, 482-6	36.3	319
82	Latent tuberculosis: what the host "sees"?. <i>Immunologic Research</i> , 2011 , 50, 202-12	4.3	119
81	Macrophages and control of granulomatous inflammation in tuberculosis. <i>Mucosal Immunology</i> , 2011 , 4, 271-8	9.2	255
80	HIV-1/mycobacterium tuberculosis coinfection immunology: how does HIV-1 exacerbate tuberculosis?. <i>Infection and Immunity</i> , 2011 , 79, 1407-17	3.7	190
79	Simian immunodeficiency virus-induced changes in T cell cytokine responses in cynomolgus macaques with latent Mycobacterium tuberculosis infection are associated with timing of reactivation. <i>Journal of Immunology</i> , 2011 , 186, 3527-37	5.3	58
78	Spectrum of latent tuberculosis [Existing tests cannot resolve the underlying phenotypes: author's reply. <i>Nature Reviews Microbiology</i> , 2010 , 8, 242-242	22.2	7

77	CD4(+) regulatory T cells in a cynomolgus macaque model of Mycobacterium tuberculosis infection. <i>Journal of Infectious Diseases</i> , 2010 , 202, 533-41	7	80
76	Tuberculosis: what we don't know can, and does, hurt us. <i>Science</i> , 2010 , 328, 852-6	33.3	376
75	Understanding latent tuberculosis: a moving target. <i>Journal of Immunology</i> , 2010 , 185, 15-22	5.3	319
74	Mycobacterial infections and the inflammatory seesaw. <i>Cell Host and Microbe</i> , 2010 , 7, 177-9	23.4	3
73	TNF and IL-10 are major factors in modulation of the phagocytic cell environment in lung and lymph node in tuberculosis: a next-generation two-compartmental model. <i>Journal of Theoretical Biology</i> , 2010 , 265, 586-98	2.3	75
72	Tumor necrosis factor neutralization results in disseminated disease in acute and latent Mycobacterium tuberculosis infection with normal granuloma structure in a cynomolgus macaque model. <i>Arthritis and Rheumatism</i> , 2010 , 62, 340-50		165
71	Tuberculosis: global approaches to a global disease. <i>Current Opinion in Biotechnology</i> , 2010 , 21, 524-31	11.4	32
70	Infection with Helicobacter pylori is associated with protection against tuberculosis. <i>PLoS ONE</i> , 2010 , 5, e8804	3.7	117
69	Reactivation of latent tuberculosis in cynomolgus macaques infected with SIV is associated with early peripheral T cell depletion and not virus load. <i>PLoS ONE</i> , 2010 , 5, e9611	3.7	123
68	Cytotoxicity and secretion of gamma interferon are carried out by distinct CD8 T cells during Mycobacterium tuberculosis infection. <i>Infection and Immunity</i> , 2009 , 77, 4621-30	3.7	38
67	Synergy between individual TNF-dependent functions determines granuloma performance for controlling Mycobacterium tuberculosis infection. <i>Journal of Immunology</i> , 2009 , 182, 3706-17	5.3	110
66	Aberrant TGF-beta signaling reduces T regulatory cells in ICAM-1-deficient mice, increasing the inflammatory response to Mycobacterium tuberculosis. <i>Journal of Leukocyte Biology</i> , 2009 , 86, 713-25	6.5	16
65	Quantitative comparison of active and latent tuberculosis in the cynomolgus macaque model. <i>Infection and Immunity</i> , 2009 , 77, 4631-42	3.7	309
64	The spectrum of latent tuberculosis: rethinking the biology and intervention strategies. <i>Nature Reviews Microbiology</i> , 2009 , 7, 845-55	22.2	940
63	Tumor necrosis factor blockade in chronic murine tuberculosis enhances granulomatous inflammation and disorganizes granulomas in the lungs. <i>Infection and Immunity</i> , 2008 , 76, 916-26	3.7	116
62	New approaches to tuberculosis surveillance in nonhuman primates. <i>ILAR Journal</i> , 2008 , 49, 170-8	1.7	50
61	Tuberculous granulomas are hypoxic in guinea pigs, rabbits, and nonhuman primates. <i>Infection and Immunity</i> , 2008 , 76, 2333-40	3.7	490
60	Comparison of the effects of pathogenic simian human immunodeficiency virus strains SHIV-89.6P and SHIV-KU2 in cynomolgus macaques. <i>AIDS Research and Human Retroviruses</i> , 2008 , 24, 643-54	1.6	16

59	A comparison of random vs. chemotaxis-driven contacts of T cells with dendritic cells during repertoire scanning. <i>Journal of Theoretical Biology</i> , 2008 , 250, 732-51	2.3	50
58	ICAM-1 expression is required for regulatory T cell localization in the lungs of M tuberculosis infected mice. <i>FASEB Journal</i> , 2008 , 22, 1071.7	0.9	
57	Which comes first Tregs or TB?. <i>FASEB Journal</i> , 2008 , 22, 858.5	0.9	
56	Abatacept treatment does not exacerbate chronic Mycobacterium tuberculosis infection in mice. <i>Arthritis and Rheumatism</i> , 2007 , 56, 2557-65		61
55	Tumor necrosis factor and tuberculosis. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2007 , 12, 22-5	1.1	104
54	Differences in reactivation of tuberculosis induced from anti-TNF treatments are based on bioavailability in granulomatous tissue. <i>PLoS Computational Biology</i> , 2007 , 3, 1909-24	5	68
53	The chemokine receptor CXCR3 attenuates the control of chronic Mycobacterium tuberculosis infection in BALB/c mice. <i>Journal of Immunology</i> , 2007 , 178, 1723-35	5.3	45
52	Neutralization of tumor necrosis factor (TNF) by antibody but not TNF receptor fusion molecule exacerbates chronic murine tuberculosis. <i>Journal of Infectious Diseases</i> , 2007 , 195, 1643-50	7	103
51	Lessons from experimental Mycobacterium tuberculosis infections. <i>Microbes and Infection</i> , 2006 , 8, 1179-88	9.8	201
50	Contribution of CD8+ T cells to control of Mycobacterium tuberculosis infection. <i>Journal of Immunology</i> , 2006 , 176, 4296-314	5.3	113
49	Early events in Mycobacterium tuberculosis infection in cynomolgus macaques. <i>Infection and Immunity</i> , 2006 , 74, 3790-803	3.7	189
48	IL-17 production is dominated by gammadelta T cells rather than CD4 T cells during Mycobacterium tuberculosis infection. <i>Journal of Immunology</i> , 2006 , 177, 4662-9	5.3	625
47	Immunodominance in Tuberculosis 2006 , 163-188		1
46	Characterization of the tuberculous granuloma in murine and human lungs: cellular composition and relative tissue oxygen tension. <i>Cellular Microbiology</i> , 2006 , 8, 218-32	3.9	318
45	New insights into mathematical modeling of the immune system. <i>Immunologic Research</i> , 2006 , 36, 157-65.	4.3	10
44	Tumor necrosis factor and chemokine interactions in the formation and maintenance of granulomas in tuberculosis. <i>Clinical Infectious Diseases</i> , 2005 , 41 Suppl 3, S189-93	11.6	190
43	What's good for the host is good for the bug. <i>Trends in Microbiology</i> , 2005 , 13, 98-102	12.4	111
42	Modeling pathogen and host: in vitro, in vivo and in silico models of latent Mycobacterium tuberculosis infection. <i>Drug Discovery Today: Disease Models</i> , 2005 , 2, 149-154	1.3	3

41	Measuring T-cell function in animal models of tuberculosis by ELISPOT. <i>Methods in Molecular Biology</i> , 2005 , 302, 179-90	1.4	5
40	Induction of Mycobacterium tuberculosis-specific primary and secondary T-cell responses in interleukin-15-deficient mice. <i>Infection and Immunity</i> , 2005 , 73, 2910-22	3.7	35
39	Long-term control of Mycobacterium tuberculosis infection is mediated by dynamic immune responses. <i>Journal of Immunology</i> , 2005 , 175, 1107-17	5.3	99
38	Interleukin-12 therapy reduces the number of immune cells and pathology in lungs of mice infected with Mycobacterium tuberculosis. <i>Infection and Immunity</i> , 2004 , 72, 2976-88	3.7	32
37	CCR5-deficient mice control Mycobacterium tuberculosis infection despite increased pulmonary lymphocytic infiltration. <i>Journal of Immunology</i> , 2004 , 173, 3287-96	5.3	106
36	Immunology of tuberculosis and implications in vaccine development. <i>Tuberculosis</i> , 2004 , 84, 93-101	2.6	223
35	Dendritic cell trafficking and antigen presentation in the human immune response to Mycobacterium tuberculosis. <i>Journal of Immunology</i> , 2004 , 173, 494-506	5.3	96
34	The immunological aspects of latency in tuberculosis. <i>Clinical Immunology</i> , 2004 , 110, 2-12	9	139
33	TNF influences chemokine expression of macrophages in vitro and that of CD11b+ cells in vivo during Mycobacterium tuberculosis infection. <i>Journal of Immunology</i> , 2004 , 172, 6846-57	5.3	119
32	Non-human primates: a model for tuberculosis research. <i>Tuberculosis</i> , 2003 , 83, 116-8	2.6	97
31	Immune evasion by Mycobacterium tuberculosis: living with the enemy. <i>Current Opinion in Immunology</i> , 2003 , 15, 450-5	7.8	212
30	CD40, but not CD40L, is required for the optimal priming of T cells and control of aerosol M. tuberculosis infection. <i>Immunity</i> , 2003 , 19, 823-35	32.3	102
29	Chemokines and tuberculosis. <i>Cytokine and Growth Factor Reviews</i> , 2003 , 14, 467-77	17.9	171
28	Latent tuberculosis: mechanisms of host and bacillus that contribute to persistent infection. <i>Lancet Infectious Diseases</i> , 2003 , 3, 578-90	25.5	276
27	In situ study of abundant expression of proinflammatory chemokines and cytokines in pulmonary granulomas that develop in cynomolgus macaques experimentally infected with Mycobacterium tuberculosis. <i>Infection and Immunity</i> , 2003 , 71, 7023-34	3.7	65
26	Experimental Mycobacterium tuberculosis infection of cynomolgus macaques closely resembles the various manifestations of human M. tuberculosis infection. <i>Infection and Immunity</i> , 2003 , 71, 5831-44	3.7	360
25	Mycobacterium tuberculosis in chemokine receptor 2-deficient mice: influence of dose on disease progression. <i>Infection and Immunity</i> , 2002 , 70, 5946-54	3.7	123
24	CD8+ T cells in tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 166, 1116-21	2.2	93

23	Tuberculosis: latency and reactivation. <i>Infection and Immunity</i> , 2001 , 69, 4195-201	3.7	317
22	The inducible nitric oxide synthase locus confers protection against aerogenic challenge of both clinical and laboratory strains of <i>Mycobacterium tuberculosis</i> in mice. <i>Infection and Immunity</i> , 2001 , 69, 7711-7	3.7	127
21	CD8(+) T cells participate in the memory immune response to <i>Mycobacterium tuberculosis</i> . <i>Infection and Immunity</i> , 2001 , 69, 4320-8	3.7	108
20	CD4(+) T cells are required for the development of cytotoxic CD8(+) T cells during <i>Mycobacterium tuberculosis</i> infection. <i>Journal of Immunology</i> , 2001 , 167, 6991-7000	5.3	125
19	Fate of <i>Mycobacterium tuberculosis</i> within murine dendritic cells. <i>Infection and Immunity</i> , 2001 , 69, 800-9.7	3.7	171
18	Induction of M3-restricted cytotoxic T lymphocyte responses by N-formylated peptides derived from <i>Mycobacterium tuberculosis</i> . <i>Journal of Experimental Medicine</i> , 2001 , 193, 1213-20	16.6	59
17	Effects of tumor necrosis factor alpha on host immune response in chronic persistent tuberculosis: possible role for limiting pathology. <i>Infection and Immunity</i> , 2001 , 69, 1847-55	3.7	396
16	Immunology of tuberculosis. <i>Annual Review of Immunology</i> , 2001 , 19, 93-129	34.7	1646
15	Immune responses in tuberculosis. <i>Current Opinion in Immunology</i> , 2000 , 12, 432-6	7.8	93
14	Effect of mycobacterial infection on virus loads and disease progression in simian immunodeficiency virus-infected rhesus monkeys. <i>AIDS Research and Human Retroviruses</i> , 2000 , 16, 1895-908	16.6	23
13	CD8+ CTL from lungs of <i>Mycobacterium tuberculosis</i> -infected mice express perforin in vivo and lyse infected macrophages. <i>Journal of Immunology</i> , 2000 , 165, 353-63	5.3	122
12	Depletion of CD4(+) T cells causes reactivation of murine persistent tuberculosis despite continued expression of interferon gamma and nitric oxide synthase 2. <i>Journal of Experimental Medicine</i> , 2000 , 192, 347-58	16.6	260
11	Early emergence of CD8(+) T cells primed for production of type 1 cytokines in the lungs of <i>Mycobacterium tuberculosis</i> -infected mice. <i>Infection and Immunity</i> , 1999 , 67, 3980-8	3.7	128
10	Reactivation of latent tuberculosis: variations on the Cornell murine model. <i>Infection and Immunity</i> , 1999 , 67, 4531-8	3.7	172
9	Role of T1 and T2 cytokines in the response to <i>Mycobacterium tuberculosis</i> . <i>Annals of the New York Academy of Sciences</i> , 1996 , 795, 137-46	6.5	23
8	Tumor necrosis factor-alpha is required in the protective immune response against <i>Mycobacterium tuberculosis</i> in mice. <i>Immunity</i> , 1995 , 2, 561-72	32.3	1325
7	Experimental approaches to mechanisms of protection and pathogenesis in <i>M. tuberculosis</i> infection. <i>Immunobiology</i> , 1994 , 191, 526-36	3.4	33
6	SIV and <i>Mycobacterium tuberculosis</i> synergy within the granuloma accelerates the reactivation pattern of latent tuberculosis		4

5	Multimodal profiling of lung granulomas reveals cellular correlates of tuberculosis control	4
4	A computational model tracks whole-lung Mycobacterium tuberculosis infection and predicts factors that inhibit dissemination	3
3	SARS-CoV-2 infection of African green monkeys results in mild respiratory disease discernible by PET/CT imaging and prolonged shedding of infectious virus from both respiratory and gastrointestinal tracts	12
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