Robert J Wilkinson

List of Publications by Citations

346 papers	21,008 citations	72 h-index	136 g-index
368 ext. papers	25,382 ext. citations	9.7 avg, IF	6.57 L-index

#	Paper	IF	Citations
346	An interferon-inducible neutrophil-driven blood transcriptional signature in human tuberculosis. *Nature*, **2010**, 466, 973-7	50.4	1284
345	The spectrum of latent tuberculosis: rethinking the biology and intervention strategies. *Nature Reviews Microbiology*, **2009**, 7, 845-55	22.2	940
344	The immune response in tuberculosis. *Annual Review of Immunology*, **2013**, 31, 475-527	34.7	823
343	Influence of vitamin D deficiency and vitamin D receptor polymorphisms on tuberculosis among Gujarati Asians in west London: a case-control study. *Lancet, The*, **2000**, 355, 618-21	40	622
342	Tuberculosis-associated immune reconstitution inflammatory syndrome: case definitions for use in resource-limited settings. *Lancet Infectious Diseases, The*, **2008**, 8, 516-23	25.5	558
341	Tuberculous meningitis: a uniform case definition for use in clinical research. *Lancet Infectious Diseases, The*, **2010**, 10, 803-12	25.5	492
340	High-dose vitamin D(3) during intensive-phase antimicrobial treatment of pulmonary tuberculosis: a double-blind randomised controlled trial. *Lancet, The*, **2011**, 377, 242-50	40	446
339	Predictive value of interferon- release assays for incident active tuberculosis: a systematic review and meta-analysis. *Lancet Infectious Diseases, The*, **2012**, 12, 45-55	25.5	366
338	Management of latent Mycobacterium tuberculosis infection: WHO guidelines for low tuberculosis burden countries. *European Respiratory Journal*, **2015**, 46, 1563-76	13.6	353
337	Distinct, specific IL-17- and IL-22-producing CD4+ T cell subsets contribute to the human anti-mycobacterial immune response. *Journal of Immunology*, **2008**, 180, 1962-70	5.3	340
336	A single dose of vitamin D enhances immunity to mycobacteria. *American Journal of Respiratory and Critical Care Medicine*, **2007**, 176, 208-13	10.2	336
335	Human cytolytic and interferon gamma-secreting CD8+ T lymphocytes specific for Mycobacterium tuberculosis. *Proceedings of the National Academy of Sciences of the United States of America*, **1998**, 95, 270-5	11.5	327
334	IFN-gamma- and TNF-independent vitamin D-inducible human suppression of mycobacteria: the role of cathelicidin LL-37. *Journal of Immunology*, **2007**, 178, 7190-8	5.3	324
333	Neutrophil-mediated innate immune resistance to mycobacteria. *Journal of Clinical Investigation*, **2007**, 117, 1988-94	15.9	275
332	Randomized placebo-controlled trial of prednisone for paradoxical tuberculosis-associated immune reconstitution inflammatory syndrome. *Aids*, **2010**, 24, 2381-90	3.5	247
331	Influence of polymorphism in the genes for the interleukin (IL)-1 receptor antagonist and IL-1beta on tuberculosis. *Journal of Experimental Medicine*, **1999**, 189, 1863-74	16.6	245
330	Diagnosis of childhood tuberculosis and host RNA expression in Africa. *New England Journal of Medicine*, **2014**, 370, 1712-1723	59.2	229

329	Detection of tuberculosis in HIV-infected and -uninfected African adults using whole blood RNA expression signatures: a case-control study. *PLoS Medicine*, **2013**, 10, e1001538	11.6	224
328	Vitamin D accelerates resolution of inflammatory responses during tuberculosis treatment. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 15449-54	11.5	223
327	Tuberculosis. *Lancet, The*, **2007**, 370, 2030-43	40	221
326	Neutrophils in tuberculosis: friend or foe?. *Trends in Immunology*, **2012**, 33, 14-25	14.4	219
325	Phase 2b Controlled Trial of M72/AS01 Vaccine to Prevent Tuberculosis. *New England Journal of Medicine*, **2018**, 379, 1621-1634	59.2	214
324	Mycobacterium tuberculosis lineage 4 comprises globally distributed and geographically restricted sublineages. *Nature Genetics*, **2016**, 48, 1535-1543	36.3	208
323	Tuberculous meningitis. *Nature Reviews Neurology*, **2017**, 13, 581-598	15	203
322	Transcriptional blood signatures distinguish pulmonary tuberculosis, pulmonary sarcoidosis, pneumonias and lung cancers. *PLoS ONE*, **2013**, 8, e70630	3.7	196
321	Isoniazid plus antiretroviral therapy to prevent tuberculosis: a randomised double-blind, placebo-controlled trial. *Lancet, The*, **2014**, 384, 682-90	40	188
320	Vitamin D-binding protein directs monocyte responses to 25-hydroxy- and 1,25-dihydroxyvitamin D. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 3368-76	5.6	178
319	Vitamin D in the treatment of pulmonary tuberculosis. *Journal of Steroid Biochemistry and Molecular Biology*, **2007**, 103, 793-8	5.1	173
318	Immune reconstitution and "unmasking" of tuberculosis during antiretroviral therapy. *American Journal of Respiratory and Critical Care Medicine*, **2008**, 177, 680-5	10.2	171
317	Effect of HIV-1 infection on T-Cell-based and skin test detection of tuberculosis infection. *American Journal of Respiratory and Critical Care Medicine*, **2007**, 175, 514-20	10.2	169
316	Comparison of T-SPOT.TB assay and tuberculin skin test for the evaluation of young children at high risk for tuberculosis in a community setting. *Pediatrics*, **2009**, 123, 38-43	7.4	164
315	Eliminating latent tuberculosis. *Trends in Microbiology*, **2009**, 17, 183-8	12.4	163
314	Acquired predisposition to mycobacterial disease due to autoantibodies to IFN-gamma. *Journal of Clinical Investigation*, **2005**, 115, 2480-8	15.9	159
313	Final Analysis of a Trial of M72/AS01 Vaccine to Prevent Tuberculosis. *New England Journal of Medicine*, **2019**, 381, 2429-2439	59.2	158
312	Reciprocal seasonal variation in vitamin D status and tuberculosis notifications in Cape Town, South Africa. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 19013-7	11.5	156

311	CD4(+) and CD8(+) T cells kill intracellular Mycobacterium tuberculosis by a perforin and Fas/Fas ligand-independent mechanism. *Journal of Immunology*, **2001**, 167, 2734-42	5.3	154
310	Detectable changes in the blood transcriptome are present after two weeks of antituberculosis therapy. *PLoS ONE*, **2012**, 7, e46191	3.7	149
309	Ex vivo characterization of early secretory antigenic target 6-specific T cells at sites of active disease in pleural tuberculosis. *Clinical Infectious Diseases*, **2005**, 40, 184-7	11.6	140
308	Frequency, severity, and prediction of tuberculous meningitis immune reconstitution inflammatory syndrome. *Clinical Infectious Diseases*, **2013**, 56, 450-60	11.6	138
307	Neurologic manifestations of paradoxical tuberculosis-associated immune reconstitution inflammatory syndrome: a case series. *Clinical Infectious Diseases*, **2009**, 48, e96-107	11.6	137
306	Type 1 helper T cells and FoxP3-positive T cells in HIV-tuberculosis-associated immune reconstitution inflammatory syndrome. *American Journal of Respiratory and Critical Care Medicine*, **2008**, 178, 1083-9	10.2	127
305	Prevalence and associations of vitamin D deficiency in foreign-born persons with tuberculosis in London. *Journal of Infection*, **2005**, 50, 432-7	18.9	124
304	HIV-1 infection impairs the bronchoalveolar T-cell response to mycobacteria. *American Journal of Respiratory and Critical Care Medicine*, **2009**, 180, 1262-70	10.2	121
303	Immune reconstitution inflammatory syndrome in HIV-infected patients receiving antiretroviral therapy : pathogenesis, clinical manifestations and management. *Drugs*, **2008**, 68, 191-208	12.1	120
302	Characterization of progressive HIV-associated tuberculosis using 2-deoxy-2-[F]fluoro-D-glucose positron emission and computed tomography. *Nature Medicine*, **2016**, 22, 1090-1093	50.5	120
301	Hypercytokinaemia accompanies HIV-tuberculosis immune reconstitution inflammatory syndrome. *European Respiratory Journal*, **2011**, 37, 1248-59	13.6	113
300	Characterization and management of paradoxical upgrading reactions in HIV-uninfected patients with lymph node tuberculosis. *Clinical Infectious Diseases*, **2005**, 40, 1368-71	11.6	112
299	1alpha,25-dihydroxyvitamin D3 inhibits matrix metalloproteinases induced by Mycobacterium tuberculosis infection. *Immunology*, **2009**, 127, 539-48	7.8	109
298	Recent and rapid emergence of W-Beijing strains of Mycobacterium tuberculosis in Cape Town, South Africa. *Clinical Infectious Diseases*, **2008**, 47, 1252-9	11.6	103
297	Patterns of HIV, TB, and non-communicable disease multi-morbidity in peri-urban South Africa- a cross sectional study. *BMC Infectious Diseases*, **2015**, 15, 20	4	97
296	Doxycycline and HIV infection suppress tuberculosis-induced matrix metalloproteinases. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 185, 989-97	10.2	96
295	The clinical consequences of strain diversity in Mycobacterium tuberculosis. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, **2008**, 102, 955-65	2	96
294	Effect of treatment of latent tuberculosis infection on the T cell response to Mycobacterium tuberculosis antigens. *Journal of Infectious Diseases*, **2006**, 193, 354-9	7	93

293	Enzyme-linked immunospot assay responses to early secretory antigenic target 6, culture filtrate protein 10, and purified protein derivative among children with tuberculosis: implications for diagnosis and monitoring of therapy. *Clinical Infectious Diseases*, **2005**, 40, 1301-8	11.6	93
292	Antibodies and tuberculosis. *Tuberculosis*, **2016**, 101, 102-113	2.6	93
291	Association between Gc genotype and susceptibility to TB is dependent on vitamin D status. *European Respiratory Journal*, **2010**, 35, 1106-12	13.6	92
290	Mycobacterial antigen driven activation of CD14++CD16- monocytes is a predictor of tuberculosis-associated immune reconstitution inflammatory syndrome. *PLoS Pathogens*, **2014**, 10, e1004433	7.6	90
289	Liposomal amphotericin B (AmBisome) in the treatment of complicated kala-azar under field conditions. *Clinical Infectious Diseases*, **1995**, 21, 188-93	11.6	89
288	Safety, immunogenicity, and efficacy of the candidate tuberculosis vaccine MVA85A in healthy adults infected with HIV-1: a randomised, placebo-controlled, phase 2 trial. *Lancet Respiratory Medicine,the*, **2015**, 3, 190-200	35.1	88
287	A modular transcriptional signature identifies phenotypic heterogeneity of human tuberculosis infection. *Nature Communications*, **2018**, 9, 2308	17.4	88
286	A deletion defining a common Asian lineage of Mycobacterium tuberculosis associates with immune subversion. *Proceedings of the National Academy of Sciences of the United States of America* , **2006**, 103, 15594-8	11.5	88
285	High frequencies of circulating IFN-gamma-secreting CD8 cytotoxic T cells specific for a novel MHC class I-restricted Mycobacterium tuberculosis epitope in M. tuberculosis-infected subjects without disease. *European Journal of Immunology*, **2000**, 30, 2713-21	6.1	87
284	Prednisone for the Prevention of Paradoxical Tuberculosis-Associated IRIS. *New England Journal of Medicine*, **2018**, 379, 1915-1925	59.2	83
283	Novel relationship between tuberculosis immune reconstitution inflammatory syndrome and antitubercular drug resistance. *Clinical Infectious Diseases*, **2009**, 48, 667-76	11.6	81
282	Towards host-directed therapies for tuberculosis. *Nature Reviews Drug Discovery*, **2015**, 14, 511-2	64.1	80
281	Immune reconstitution inflammatory syndrome in HIV-infected patients. *HIV/AIDS - Research and Palliative Care*, **2015**, 7, 49-64	1.2	79
280	Programmed death ligand 1 is over-expressed by neutrophils in the blood of patients with active tuberculosis. *European Journal of Immunology*, **2011**, 41, 1941-7	6.1	79
279	T cell responses to SARS-CoV-2 spike cross-recognize Omicron.. *Nature*, **2022**,	50.4	78
278	120. A Randomized Double-blind Trial Assessing the Efficacy of M72/AS01E Vaccine Against Pulmonary Tuberculosis Disease in Adults With Latent Mycobacterium tuberculosis Infection. *Open Forum Infectious Diseases*, **2018**, 5, S5-S6	1	78
277	A19 The impact of HIV-1 on the evolution of Mycobacterium tuberculosis. *Virus Evolution*, **2018**, 4,	3.7	78
276	Human T- and B-cell reactivity to the 16kDa alpha-crystallin protein of Mycobacterium tuberculosis. *Scandinavian Journal of Immunology*, **1998**, 48, 403-9	3.4	77

275	High prevalence of subclinical tuberculosis in HIV-1-infected persons without advanced immunodeficiency: implications for TB screening. *Thorax*, **2011**, 66, 669-73	7.3	71
274	Clinical, immunological, and epidemiological importance of antituberculosis T cell responses in HIV-infected Africans. *Clinical Infectious Diseases*, **2007**, 44, 1639-46	11.6	71
273	Understanding latent tuberculosis: the key to improved diagnostic and novel treatment strategies. *Drug Discovery Today*, **2012**, 17, 514-21	8.8	68
272	Presentation and outcome of tuberculous meningitis in a high HIV prevalence setting. *PLoS ONE*, **2011**, 6, e20077	3.7	68
271	The stress-responsive chaperone alpha-crystallin 2 is required for pathogenesis of Mycobacterium tuberculosis. *Molecular Microbiology*, **2005**, 55, 1127-37	4.1	68
270	Corticosteroid-modulated immune activation in the tuberculosis immune reconstitution inflammatory syndrome. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 186, 369-77	10.2	65
269	Tuberculosis-associated immune reconstitution inflammatory syndrome and unmasking of tuberculosis by antiretroviral therapy. *Clinics in Chest Medicine*, **2009**, 30, 797-810, x	5.3	65
268	HIV-1 tuberculosis-associated immune reconstitution inflammatory syndrome. *Seminars in Immunopathology*, **2016**, 38, 185-98	12	64
267	HIV-tuberculosis-associated immune reconstitution inflammatory syndrome is characterized by Toll-like receptor and inflammasome signalling. *Nature Communications*, **2015**, 6, 8451	17.4	64
266	Central nervous system immune reconstitution inflammatory syndrome. *Current Infectious Disease Reports*, **2013**, 15, 583-93	3.9	64
265	Paradoxical TB-IRIS in HIV-infected adults: a systematic review and meta-analysis. *Future Microbiology*, **2015**, 10, 1077-99	2.9	62
264	Ethnic variation in inflammatory profile in tuberculosis. *PLoS Pathogens*, **2013**, 9, e1003468	7.6	62
263	Predominance of interleukin-22 over interleukin-17 at the site of disease in human tuberculosis. *Tuberculosis*, **2011**, 91, 587-93	2.6	61
262	Tuberculosis diagnosed during pregnancy: a prospective study from London. *Thorax*, **2000**, 55, 129-32	7.3	61
261	Corticosteroid therapy, vitamin D status, and inflammatory cytokine profile in the HIV-tuberculosis immune reconstitution inflammatory syndrome. *Clinical Infectious Diseases*, **2012**, 55, 1004-11	11.6	60
260	Neutrophil-associated central nervous system inflammation in tuberculous meningitis immune reconstitution inflammatory syndrome. *Clinical Infectious Diseases*, **2014**, 59, 1638-47	11.6	59
259	High levels of multidrug resistant tuberculosis in new and treatment-failure patients from the Revised National Tuberculosis Control Programme in an urban metropolis (Mumbai) in Western India. *BMC Public Health*, **2009**, 9, 211	4.1	58
258	Distribution of strain families of Mycobacterium tuberculosis causing pulmonary and extrapulmonary disease in hospitalized children in Cape Town, South Africa. *Journal of Clinical Microbiology*, **2005**, 43, 5779-81	9.7	58

257	Complement pathway gene activation and rising circulating immune complexes characterize early disease in HIV-associated tuberculosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E964-E973	11.5	56
256	Dissection of regenerating T-Cell responses against tuberculosis in HIV-infected adults sensitized by Mycobacterium tuberculosis. *American Journal of Respiratory and Critical Care Medicine*, **2009**, 180, 674-83	10.2	56
255	Changing concepts of "latent tuberculosis infection" in patients living with HIV infection. *Clinical and Developmental Immunology*, **2011**, 2011,		56
254	Infection biology of a novel alpha-crystallin of Mycobacterium tuberculosis: Acr2. *Journal of Immunology*, **2005**, 174, 4237-43	5.3	56
253	Strains of Mycobacterium tuberculosis from western Maharashtra, India, exhibit a high degree of diversity and strain-specific associations with drug resistance, cavitary disease, and treatment failure. *Journal of Clinical Microbiology*, **2010**, 48, 3593-9	9.7	55
252	Polyfunctional T cells in human tuberculosis. *European Journal of Immunology*, **2010**, 40, 2139-42	6.1	55
251	Lymphatic endothelial cells are a replicative niche for Mycobacterium tuberculosis. *Journal of Clinical Investigation*, **2016**, 126, 1093-108	15.9	53
250	Modern lineages of Mycobacterium tuberculosis exhibit lineage-specific patterns of growth and cytokine induction in human monocyte-derived macrophages. *PLoS ONE*, **2012**, 7, e43170	3.7	53
249	Interleukin 27R regulates CD4+ T cell phenotype and impacts protective immunity during Mycobacterium tuberculosis infection. *Journal of Experimental Medicine*, **2015**, 212, 1449-63	16.6	52
248	The Immune Response to Mycobacterium tuberculosis in HIV-1-Coinfected Persons. *Annual Review of Immunology*, **2018**, 36, 603-638	34.7	52
247	Neutrophilia independently predicts death in tuberculosis. *European Respiratory Journal*, **2013**, 42, 1752-1757	13.6	52
246	Improving the microbiological diagnosis of tuberculous meningitis: A prospective, international, multicentre comparison of conventional and modified Ziehl-Neelsen stain, GeneXpert, and culture of cerebrospinal fluid. *Journal of Infection*, **2018**, 77, 509-515	18.9	52
245	Management of patients with the immune reconstitution inflammatory syndrome. *Current HIV/AIDS Reports*, **2009**, 6, 162-71	5.9	51
244	The value of transcriptomics in advancing knowledge of the immune response and diagnosis in tuberculosis. *Nature Immunology*, **2018**, 19, 1159-1168	19.1	51
243	Clinical management of tuberculosis and HIV-1 co-infection. *European Respiratory Journal*, **2010**, 36, 1460-81	13.6	50
242	Non-opsonic recognition of Mycobacterium tuberculosis by phagocytes. *Journal of Innate Immunity*, **2009**, 1, 231-43	6.9	49
241	Phenylbutyrate Is Bacteriostatic against Mycobacterium tuberculosis and Regulates the Macrophage Response to Infection, Synergistically with 25-Hydroxy-Vitamin D3. *PLoS Pathogens*, **2015**, 11, e1005007	7.6	47
240	HIV-1 and the immune response to TB. *Future Virology*, **2013**, 8, 57-80	2.4	47

239	An increase in expression of a Mycobacterium tuberculosis mycolyl transferase gene (fbpB) occurs early after infection of human monocytes. *Molecular Microbiology*, **2001**, 39, 813-21	4.1	47
238	Biomarkers of Cerebral Injury and Inflammation in Pediatric Tuberculous Meningitis. *Clinical Infectious Diseases*, **2017**, 65, 1298-1307	11.6	46
237	The pathogenesis of tuberculous meningitis. *Journal of Leukocyte Biology*, **2019**, 105, 267-280	6.5	46
236	A Rab20-Dependent Membrane Trafficking Pathway Controls M. tuberculosis Replication by Regulating Phagosome Spaciousness and Integrity. *Cell Host and Microbe*, **2017**, 21, 619-628.e5	23.4	45
235	Central nervous system disorders after starting antiretroviral therapy in South Africa. *Aids*, **2010**, 24, 2871-6	3.5	45
234	Effect of antiretroviral therapy on the diagnostic accuracy of symptom screening for intensified tuberculosis case finding in a South African HIV clinic. *Clinical Infectious Diseases*, **2012**, 55, 1698-706	11.6	45
233	Inflammasome Activation Underlying Central Nervous System Deterioration in HIV-Associated Tuberculosis. *Journal of Infectious Diseases*, **2017**, 215, 677-686	7	45
232	PD-1 Expression on -Specific CD4 T Cells Is Associated With Bacterial Load in Human Tuberculosis. *Frontiers in Immunology*, **2018**, 9, 1995	8.4	45
231	The tuberculosis-associated immune reconstitution inflammatory syndrome: recent advances in clinical and pathogenesis research. *Current Opinion in HIV and AIDS*, **2018**, 13, 512-521	4.2	45
230	Standardized Methods for Enhanced Quality and Comparability of Tuberculous Meningitis Studies. *Clinical Infectious Diseases*, **2017**, 64, 501-509	11.6	44
229	Matrix metalloproteinases and tissue damage in HIV-tuberculosis immune reconstitution inflammatory syndrome. *European Journal of Immunology*, **2014**, 44, 127-36	6.1	43
228	QuantiFERON-TB Gold: state of the art for the diagnosis of tuberculosis infection?. *Expert Review of Molecular Diagnostics*, **2006**, 6, 663-77	3.8	43
227	High-dose vitamin D3 reduces deficiency caused by low UVB exposure and limits HIV-1 replication in urban Southern Africans. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 8052-7	11.5	42
226	Conserved immune recognition hierarchy of mycobacterial PE/PPE proteins during infection in natural hosts. *PLoS ONE*, **2012**, 7, e40890	3.7	42
225	Influence of HLA-DR on the phenotype of CD4+ T lymphocytes specific for an epitope of the 16-kDa alpha-crystallin antigen of Mycobacterium tuberculosis. *European Journal of Immunology*, **1999**, 29, 1753-61	6.1	42
224	Utility of interferon-gamma ELISPOT assay responses in highly tuberculosis-exposed patients with advanced HIV infection in South Africa. *BMC Infectious Diseases*, **2007**, 7, 99	4	41
223	Gamma interferon-based immunodiagnosis of tuberculosis: comparison between whole-blood and enzyme-linked immunospot methods. *Journal of Clinical Microbiology*, **2004**, 42, 829-31	9.7	41
222	Assessment of treatment response in tuberculosis. *Expert Review of Respiratory Medicine*, **2016**, 10, 643-54	3.8	41

221	Treatment of Tuberculous Meningitis and Its Complications in Adults. *Current Treatment Options in Neurology*, **2018**, 20, 5	4.4	40
220	Analysis of the Phenotype of -Specific CD4+ T Cells to Discriminate Latent from Active Tuberculosis in HIV-Uninfected and HIV-Infected Individuals. *Frontiers in Immunology*, **2017**, 8, 968	8.4	39
219	Anti-Inflammatory and Antimicrobial Actions of Vitamin D in Combating TB/HIV. *Scientifica*, **2014**, 2014, 903680	2.6	39
218	Anti-PD-1 immunotherapy leads to tuberculosis reactivation via dysregulation of TNF-□*ELife*, **2020**, 9,	8.9	39
217	Matrix Degradation in Human Immunodeficiency Virus Type 1-Associated Tuberculosis and Tuberculosis Immune Reconstitution Inflammatory Syndrome: A Prospective Observational Study. *Clinical Infectious Diseases*, **2017**, 65, 121-132	11.6	38
216	The bacillary and macrophage response to hypoxia in tuberculosis and the consequences for T cell antigen recognition. *Microbes and Infection*, **2017**, 19, 177-192	9.3	38
215	CD4 and CD8 T-cell responses to mycobacterial antigens in African children. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 182, 120-9	10.2	38
214	Immunological consequences of strain variation within the Mycobacterium tuberculosis complex. *European Journal of Immunology*, **2017**, 47, 432-445	6.1	36
213	Activation Profile of Mycobacterium tuberculosis-Specific CD4(+) T Cells Reflects Disease Activity Irrespective of HIV Status. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 193, 1307-10	10.2	36
212	The Immune Mechanisms of Lung Parenchymal Damage in Tuberculosis and the Role of Host-Directed Therapy. *Frontiers in Microbiology*, **2018**, 9, 2603	5.7	36
211	Rapid molecular detection of rifampicin resistance facilitates early diagnosis and treatment of multi-drug resistant tuberculosis: case control study. *PLoS ONE*, **2008**, 3, e3173	3.7	35
210	Membrane Type 1 Matrix Metalloproteinase Regulates Monocyte Migration and Collagen Destruction in Tuberculosis. *Journal of Immunology*, **2015**, 195, 882-91	5.3	33
209	HIV-1 infection alters CD4+ memory T-cell phenotype at the site of disease in extrapulmonary tuberculosis. *European Journal of Immunology*, **2012**, 42, 147-57	6.1	32
208	Concentration-Dependent Antagonism and Culture Conversion in Pulmonary Tuberculosis. *Clinical Infectious Diseases*, **2017**, 64, 1350-1359	11.6	32
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206	Alertness of night nurses: two shift systems compared. *Ergonomics*, **1989**, 32, 281-92	2.9	31
205	Neutrophils: Innate Effectors of TB Resistance?. *Frontiers in Immunology*, **2018**, 9, 2637	8.4	31
204	Detection and treatment of subclinical tuberculosis. *Tuberculosis*, **2012**, 92, 447-52	2.6	30

203	Drug susceptibility testing and mortality in patients treated for tuberculosis in high-burden countries: a multicentre cohort study. *Lancet Infectious Diseases, The*, **2019**, 19, 298-307	25.5	29
202	A Glucuronoxylomannan-Associated Immune Signature, Characterized by Monocyte Deactivation and an Increased Interleukin 10 Level, Is a Predictor of Death in Cryptococcal Meningitis. *Journal of Infectious Diseases*, **2016**, 213, 1725-34	7	29
201	The immunopathogenesis of the HIV tuberculosis immune reconstitution inflammatory syndrome. *European Journal of Immunology*, **2013**, 43, 1995-2002	6.1	29
200	The impact of HIV exposure and maternal Mycobacterium tuberculosis infection on infant immune responses to bacille Calmette-Guérin vaccination. *Aids*, **2015**, 29, 155-65	3.5	29
199	Procollagen III N-terminal propeptide and desmosine are released by matrix destruction in pulmonary tuberculosis. *Journal of Infectious Diseases*, **2013**, 208, 1571-9	7	29
198	Detection of tuberculosis in HIV-infected children using an enzyme-linked immunospot assay. *Aids*, **2009**, 23, 961-969	3.5	29
197	A Systematic Review on the Effect of HIV Infection on the Pharmacokinetics of First-Line Tuberculosis Drugs. *Clinical Pharmacokinetics*, **2019**, 58, 747-766	6.2	29
196	Tuberculous meningitis in children is characterized by compartmentalized immune responses and neural excitotoxicity. *Nature Communications*, **2019**, 10, 3767	17.4	28
195	Transmission of Mycobacterium tuberculosis undetected by tuberculin skin testing. *American Journal of Respiratory and Critical Care Medicine*, **2006**, 173, 1038-42	10.2	28
194	Effect of deletion or overexpression of the 19-kilodalton lipoprotein Rv3763 on the innate response to Mycobacterium tuberculosis. *Infection and Immunity*, **2005**, 73, 6831-7	3.7	28
193	Clinical, microbiologic, and immunologic determinants of mortality in hospitalized patients with HIV-associated tuberculosis: A prospective cohort study. *PLoS Medicine*, **2019**, 16, e1002840	11.6	26
192	Barriers to initiation of antiretrovirals during antituberculosis therapy in Africa. *PLoS ONE*, **2011**, 6, e19484	3.7	26
191	Cytotoxic mediators in paradoxical HIV-tuberculosis immune reconstitution inflammatory syndrome. *Journal of Immunology*, **2015**, 194, 1748-54	5.3	25
190	Role of the interleukin 10 family of cytokines in patients with immune reconstitution inflammatory syndrome associated with HIV infection and tuberculosis. *Journal of Infectious Diseases*, **2013**, 207, 1148-56	7	25
189	Clinical deterioration during antitubercular treatment at a district hospital in South Africa: the importance of drug resistance and AIDS defining illnesses. *PLoS ONE*, **2009**, 4, e4520	3.7	25
188	Reversion and conversion of Mycobacterium tuberculosis IFN-gamma ELISpot results during anti-tuberculous treatment in HIV-infected children. *BMC Infectious Diseases*, **2010**, 10, 138	4	25
187	Reduction of chemokine secretion in response to mycobacteria in infliximab-treated patients. *Vaccine Journal*, **2008**, 15, 506-12		25
186	Bioinformatic and empirical analysis of novel hypoxia-inducible targets of the human antituberculosis T cell response. *Journal of Immunology*, **2012**, 189, 5867-76	5.3	24

185	Burden of antituberculosis and antiretroviral drug-induced liver injury at a secondary hospital in South Africa. *South African Medical Journal*, **2012**, 102, 506-11	1.5	24
184	Role of cellular activation and tumor necrosis factor-alpha in the early expression of Mycobacterium tuberculosis 85B mRNA in human alveolar macrophages. *Journal of Infectious Diseases*, **2004**, 190, 341-51	7	24
183	Prevalence, hemodynamics, and cytokine profile of effusive-constrictive pericarditis in patients with tuberculous pericardial effusion. *PLoS ONE*, **2013**, 8, e77532	3.7	24
182	Adaptive immunity and neutralizing antibodies against SARS-CoV-2 variants of concern following vaccination in patients with cancer: The CAPTURE study.. *Nature Cancer*, **2021**, 2, 1321-1337	15.4	24
181	Host resistance to pulmonary Mycobacterium tuberculosis infection requires CD153 expression. *Nature Microbiology*, **2018**, 3, 1198-1205	26.6	24
180	Induction of Heme Oxygenase-1 Expression Is Dependent on Oxidative Stress and Reflects Treatment Outcomes. *Frontiers in Immunology*, **2017**, 8, 542	8.4	23
179	Relationship of SARS-CoV-2-specific CD4 response to COVID-19 severity and impact of HIV-1 and tuberculosis coinfection. *Journal of Clinical Investigation*, **2021**, 131,	15.9	23
178	Effect of HIV on the Frequency and Number of Mycobacterium tuberculosis-Specific CD4+ T Cells in Blood and Airways During Latent M. tuberculosis Infection. *Journal of Infectious Diseases*, **2017**, 216, 1550-1560	7	22
177	Differential Effect of Viable Versus Necrotic Neutrophils on Growth and Cytokine Induction in Whole Blood. *Frontiers in Immunology*, **2018**, 9, 903	8.4	22
176	Trilateral overlap of tuberculosis, diabetes and HIV-1 in a high-burden African setting: implications for TB control. *European Respiratory Journal*, **2017**, 50,	13.6	22
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174	Altered ratio of IFN-γ/IL-10 in patients with drug resistant Mycobacterium tuberculosis and HIV-Tuberculosis Immune Reconstitution Inflammatory Syndrome. *PLoS ONE*, **2012**, 7, e46481	3.7	22
173	Immune responses to the enduring hypoxic response antigen Rv0188 are preferentially detected in Mycobacterium bovis infected cattle with low pathology. *PLoS ONE*, **2011**, 6, e21371	3.7	21
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