Robert J Wilkinson

List of Publications by Year in Descending Order

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	T cell responses to SARS-CoV-2 spike cross-recognize Omicron.. *Nature*, **2022**,	50.4	78
345	Escape from recognition of SARS-CoV-2 variant spike epitopes but overall preservation of T cell immunity. *Science Translational Medicine*, **2022**, 14,	17.5	14
344	Convalescent plasma in the treatment of moderate to severe COVID-19 pneumonia: a randomized controlled trial (PROTECT-Patient Trial).. *Scientific Reports*, **2022**, 12, 2552	4.9	4
343	Selection analysis identifies clusters of unusual mutational changes in Omicron lineage BA.1 that likely impact Spike function.. *Molecular Biology and Evolution*, **2022**,	8.3	10
342	Serial measurement of M. tuberculosis in blood from critically-ill patients with HIV-associated tuberculosis.. *EBioMedicine*, **2022**, 78, 103949	8.8	0
341	Assessing the clinical severity of the Omicron variant in the Western Cape Province, South Africa, using the diagnostic PCR proxy marker of RdRp target delay to distinguish between Omicron and Delta infections - a survival analysis.. *International Journal of Infectious Diseases*, **2022**,	10.5	3
340	Xpert Ultra testing of blood in severe HIV-associated tuberculosis to detect and measure Mycobacterium tuberculosis blood stream infection: a diagnostic and disease biomarker cohort study. *Lancet Microbe, The*, **2022**,	22.2	2
339	Tuberculosis and Type 2 Diabetes Mellitus: An Inflammatory Danger Signal in the Time of Coronavirus Disease 2019. *Clinical Infectious Diseases*, **2021**, 72, 79-81	11.6	5
338	Kaposi Sarcoma-Associated Herpesvirus, but Not Epstein-Barr Virus, Co-infection Associates With Coronavirus Disease 2019 Severity and Outcome in South African Patients.. *Frontiers in Microbiology*, **2021**, 12, 795555	5.7	2
337	Immune responses following third COVID-19 vaccination are reduced in patients with hematological malignancies compared to patients with solid cancer.. *Cancer Cell*, **2021**,	24.3	10
336	Intracranial tuberculoma and the challenges of global neurosurgery. *Advances in Clinical Neuroscience & Rehabilitation: ACNR*, **2021**, 20, 26-28	0.3	
335	Functional antibody and T cell immunity following SARS-CoV-2 infection, including by variants of concern, in patients with cancer: the CAPTURE study.. *Nature Cancer*, **2021**, 2, 1321-1337	15.4	17
334	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
333	TBDBT: A TB DataBase Template for collection of harmonized TB clinical research data in REDCap, facilitating data standardisation for inter-study comparison and meta-analyses. *PLoS ONE*, **2021**, 16, e0249165	3.7	0
332	Antiretroviral Treatment-Induced Decrease in Immune Activation Contributes to Reduced Susceptibility to Tuberculosis in HIV-1/Mtb Co-infected Persons. *Frontiers in Immunology*, **2021**, 12, 645446	8.4	0
331	Visualizing the dynamics of tuberculosis pathology using molecular imaging. *Journal of Clinical Investigation*, **2021**, 131,	15.9	2
330	Diagnostic Accuracy of the INSHI Consensus Case Definition for the Diagnosis of Paradoxical Tuberculosis-IRIS. *Journal of Acquired Immune Deficiency Syndromes (1999)*, **2021**, 86, 587-592	3.1	2

329	Aspirin in tuberculous meningitis. *EClinicalMedicine*, **2021**, 35, 100871	11.3	
328	Dysregulation of the Immune Environment in the Airways During HIV Infection. *Frontiers in Immunology*, **2021**, 12, 707355	8.4	1
327	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
326	Strategies for the diagnosis and management of meningitis in HIV-infected adults in resource limited settings. *Expert Opinion on Pharmacotherapy*, **2021**, 22, 2053-2070	4	
325	Study protocol for a phase 2A trial of the safety and tolerability of increased dose rifampicin and adjunctive linezolid, with or without aspirin, for HIV-associated tuberculous meningitis [LASER-TBM]. *Wellcome Open Research*, **2021**, 6, 136	4.8	0
324	Rapid, simplified whole blood-based multiparameter assay to quantify and phenotype SARS-CoV-2 specific T cells. *European Respiratory Journal*, **2021**,	13.6	4
323	Development of a fixed module repertoire for the analysis and interpretation of blood transcriptome data. *Nature Communications*, **2021**, 12, 4385	17.4	2
322	Plasma Pharmacokinetics of High-Dose Oral versus Intravenous Rifampicin in Patients with Tuberculous Meningitis: a Randomized Controlled Trial. *Antimicrobial Agents and Chemotherapy*, **2021**, 65, e0014021	5.9	4
321	Mycobacterium tuberculosis-specific CD4 T cells expressing CD153 inversely associate with bacterial load and disease severity in human tuberculosis. *Mucosal Immunology*, **2021**, 14, 491-499	9.2	11
320	Human whole genome sequencing in South Africa. *Scientific Reports*, **2021**, 11, 606	4.9	3
319	T cell-tropic HIV efficiently infects alveolar macrophages through contact with infected CD4+ T cells. *Scientific Reports*, **2021**, 11, 3890	4.9	6
318	Evaluation of Host Serum Protein Biomarkers of Tuberculosis in sub-Saharan Africa. *Frontiers in Immunology*, **2021**, 12, 639174	8.4	8
317	Identification of Reduced Host Transcriptomic Signatures for Tuberculosis Disease and Digital PCR-Based Validation and Quantification. *Frontiers in Immunology*, **2021**, 12, 637164	8.4	4
316	What is the optimum time to start antiretroviral therapy in people with HIV and tuberculosis coinfection? A systematic review and meta-analysis. *Journal of the International AIDS Society*, **2021**, 24, e25772	5.4	2
315	Eosinophils are part of the granulocyte response in tuberculosis and promote host resistance in mice. *Journal of Experimental Medicine*, **2021**, 218,	16.6	10
314	Inflammatory profile of patients with tuberculosis with or without HIV-1 co-infection: a prospective cohort study and immunological network analysis. *Lancet Microbe, The*, **2021**, 2, e375-e385	22.2	4
313	Th22 Cells Are a Major Contributor to the Mycobacterial CD4 T Cell Response and Are Depleted During HIV Infection. *Journal of Immunology*, **2021**, 207, 1239-1249	5.3	2
312	Flow cytometry method for absolute counting and single-cell phenotyping of mycobacteria. *Scientific Reports*, **2021**, 11, 18661	4.9	2

311	Radiological and functional evidence of the bronchial spread of tuberculosis: an observational analysis. *Lancet Microbe, The*, **2021**, 2, e518-e526	22.2	5
310	Isoniazid preventive therapy plus antiretroviral therapy for the prevention of tuberculosis: a systematic review and meta-analysis of individual participant data. *Lancet HIV,the*, **2021**, 8, e8-e15	7.8	5
309	Transcriptomic Characterization of Tuberculous Sputum Reveals a Host Warburg Effect and Microbial Cholesterol Catabolism. *MBio*, **2021**, e0176621	7.8	2
308	The Transcriptomic Blueprint of in the Lung.. *Frontiers in Immunology*, **2021**, 12, 763364	8.4	0
307	GenomegaMap: Within-Species Genome-Wide dN/dS Estimation from over 10,000 Genomes. *Molecular Biology and Evolution*, **2020**, 37, 2450-2460	8.3	11
306	Elevated N-terminal prohormone of brain natriuretic peptide among persons living with HIV in a South African peri-urban township. *ESC Heart Failure*, **2020**, 7, 3246-3251	3.7	2
305	The immunopathogenesis of tuberculous pericarditis. *Microbes and Infection*, **2020**, 22, 172-181	9.3	2
304	The effect of HIV-associated tuberculosis, tuberculosis-IRIS and prednisone on lung function. *European Respiratory Journal*, **2020**, 55,	13.6	7
303	Mycobacterium tuberculosis cords within lymphatic endothelial cells to evade host immunity. *JCI Insight*, **2020**, 5,	9.9	10
302	Comprehensive plasma proteomic profiling reveals biomarkers for active tuberculosis. *JCI Insight*, **2020**, 5,	9.9	16
301	Anti-PD-1 immunotherapy leads to tuberculosis reactivation via dysregulation of TNF-□*ELife*, **2020**, 9,	8.9	39
300	Host Directed Therapies for Tuberculous Meningitis.. *Wellcome Open Research*, **2020**, 5, 292	4.8	1
299	Rapid, simplified whole blood-based multiparameter assay to quantify and phenotype SARS-CoV-2 specific T cells **2020**,		1
298	"SILVAMP TB LAM" Rapid Urine Tuberculosis Test Predicts Mortality in Patients Hospitalized With Human Immunodeficiency Virus in South Africa. *Clinical Infectious Diseases*, **2020**, 71, 1973-1976	11.6	10
297	Diagnostic tests for tuberculous meningitis. *Lancet Infectious Diseases, The*, **2020**, 20, 262-263	25.5	1
296	Early antituberculosis drug exposure in hospitalized patients with human immunodeficiency virus-associated tuberculosis. *British Journal of Clinical Pharmacology*, **2020**, 86, 966-978	3.8	3
295	Safety implications of combined antiretroviral and anti-tuberculosis drugs. *Expert Opinion on Drug Safety*, **2020**, 19, 23-41	4.1	4
294	An observational study identifying highly tuberculosis-exposed, HIV-1-positive but persistently TB, tuberculin and IGRA negative persons with M. tuberculosis specific antibodies in Cape Town, South Africa. *EBioMedicine*, **2020**, 61, 103053	8.8	8

293	Disease extent and anti-tubercular treatment response correlates with -specific CD4 T-cell phenotype regardless of HIV-1 status. *Clinical and Translational Immunology*, **2020**, 9, e1176	6.8	16
292	Protocol for systematic review and meta-analysis: impact of statins as immune-modulatory agents on inflammatory markers in adults with chronic diseases. *BMJ Open*, **2020**, 10, e039034	3	1
291	Elevated Matrix Metalloproteinase Concentrations Offer Novel Insight Into Their Role in Pediatric Tuberculous Meningitis. *Journal of the Pediatric Infectious Diseases Society*, **2020**, 9, 82-86	4.8	4
290	Invariant Natural Killer T-cell Dynamics in Human Immunodeficiency Virus-associated Tuberculosis. *Clinical Infectious Diseases*, **2020**, 70, 1865-1874	11.6	8
289	Tuberculosis, Human Immunodeficiency Virus, and the Association With Transient Hyperglycemia in Periurban South Africa. *Clinical Infectious Diseases*, **2020**, 71, 1080-1088	11.6	4
288	Tuberculosis Antigen-Specific T-Cell Responses During the First 6 Months of Antiretroviral Treatment. *Journal of Infectious Diseases*, **2020**, 221, 162-167	7	5
287	The -HIV syndemic interaction: why treating infection may be crucial for HIV-1 eradication. *Future Virology*, **2020**, 15, 101-125	2.4	8
286	Matrix Metalloproteinases in Pulmonary and Central Nervous System Tuberculosis-A Review. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	14
285	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
284	Tuberculous meningitis in children is characterized by compartmentalized immune responses and neural excitotoxicity. *Nature Communications*, **2019**, 10, 3767	17.4	28
283	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
282	Final Analysis of a Trial of M72/AS01 Vaccine to Prevent Tuberculosis. *New England Journal of Medicine*, **2019**, 381, 2429-2439	59.2	158
281	Standardized approaches for clinical sampling and endpoint ascertainment in tuberculous meningitis studies. *Wellcome Open Research*, **2019**, 4, 204	4.8	3
280	Recent Developments in Tuberculous Meningitis Pathogenesis and Diagnostics. *Wellcome Open Research*, **2019**, 4, 164	4.8	8
279	Neurocognitive and functional impairment in adult and paediatric tuberculous meningitis. *Wellcome Open Research*, **2019**, 4, 178	4.8	11
278	Knowledge gaps and research priorities in tuberculous meningitis. *Wellcome Open Research*, **2019**, 4, 188	4.8	4
277	Standardized approaches for clinical sampling and endpoint ascertainment in tuberculous meningitis studies. *Wellcome Open Research*, **2019**, 4, 204	4.8	2
276	Projected population-wide impact of antiretroviral therapy-linked isoniazid preventive therapy in a high-burden setting. *Aids*, **2019**, 33, 525-536	3.5	4

275	Expression of USP18 and IL2RA Is Increased in Individuals Receiving Latent Tuberculosis Treatment with Isoniazid. *Journal of Immunology Research*, **2019**, 2019, 1297131	4.5	12
274	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
273	The pathogenesis of tuberculous meningitis. *Journal of Leukocyte Biology*, **2019**, 105, 267-280	6.5	46
272	Plasma Biomarkers to Detect Prevalent or Predict Progressive Tuberculosis Associated With Human Immunodeficiency Virus-1. *Clinical Infectious Diseases*, **2019**, 69, 295-305	11.6	8
271	Recent Developments in Tuberculous Meningitis Pathogenesis and Diagnostics. *Wellcome Open Research*, **2019**, 4, 164	4.8	8
270	Treatment of Tuberculous Meningitis and Its Complications in Adults. *Current Treatment Options in Neurology*, **2018**, 20, 5	4.4	40
269	The Immune Response to Mycobacterium tuberculosis in HIV-1-Coinfected Persons. *Annual Review of Immunology*, **2018**, 36, 603-638	34.7	52
268	The prevalence and determinants of active tuberculosis among diabetes patients in Cape Town, South Africa, a high HIV/TB burden setting. *Diabetes Research and Clinical Practice*, **2018**, 138, 16-25	7.4	14
267	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
266	Aiming at the Global Elimination of Viral Hepatitis: Challenges Along the Care Continuum. *Open Forum Infectious Diseases*, **2018**, 5, ofx252	1	16
265	HIV-Associated Mycobacterium tuberculosis Bloodstream Infection Is Underdiagnosed by Single Blood Culture. *Journal of Clinical Microbiology*, **2018**, 56,	9.7	7
264	Differential Effect of Viable Versus Necrotic Neutrophils on Growth and Cytokine Induction in Whole Blood. *Frontiers in Immunology*, **2018**, 9, 903	8.4	22
263	Corticosteroids as an adjunct to tuberculosis therapy. *Expert Review of Respiratory Medicine*, **2018**, 12, 881-891	3.8	18
262	A modular transcriptional signature identifies phenotypic heterogeneity of human tuberculosis infection. *Nature Communications*, **2018**, 9, 2308	17.4	88
261	ANIMA: Association network integration for multiscale analysis. *Wellcome Open Research*, **2018**, 3, 27	4.8	6
260	ANIMA: Association network integration for multiscale analysis. *Wellcome Open Research*, **2018**, 3, 27	4.8	5
259	Effect of prednisolone on inflammatory markers in pericardial tuberculosis: A pilot study. *IJC Heart and Vasculature*, **2018**, 18, 104-108	2.4	3
258	Neutrophil Activation and Enhanced Release of Granule Products in HIV-TB Immune Reconstitution Inflammatory Syndrome. *Journal of Acquired Immune Deficiency Syndromes (1999)*, **2018**, 77, 221-229	3.1	17

257	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
256	A semi-automatic technique to quantify complex tuberculous lung lesions on F-fluorodeoxyglucose positron emission tomography/computerised tomography images. *EJNMMI Research*, **2018**, 8, 55	3.6	9
255	Neutrophils: Innate Effectors of TB Resistance?. *Frontiers in Immunology*, **2018**, 9, 2637	8.4	31
254	Prednisone for the Prevention of Paradoxical Tuberculosis-Associated IRIS. *New England Journal of Medicine*, **2018**, 379, 1915-1925	59.2	83
253	The effect of antiretroviral treatment on selected genes in whole blood from HIV-infected adults sensitised by Mycobacterium tuberculosis. *PLoS ONE*, **2018**, 13, e0209516	3.7	2
252	Phase 2b Controlled Trial of M72/AS01 Vaccine to Prevent Tuberculosis. *New England Journal of Medicine*, **2018**, 379, 1621-1634	59.2	214
251	The value of transcriptomics in advancing knowledge of the immune response and diagnosis in tuberculosis. *Nature Immunology*, **2018**, 19, 1159-1168	19.1	51
250	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
249	Recent progress in understanding immune activation in the pathogenesis in HIV-tuberculosis co-infection. *Current Opinion in HIV and AIDS*, **2018**, 13, 455-461	4.2	6
248	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
247	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
246	A19 The impact of HIV-1 on the evolution of Mycobacterium tuberculosis. *Virus Evolution*, **2018**, 4,	3.7	78
245	Host resistance to pulmonary Mycobacterium tuberculosis infection requires CD153 expression. *Nature Microbiology*, **2018**, 3, 1198-1205	26.6	24
244	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
243	Immunological consequences of strain variation within the Mycobacterium tuberculosis complex. *European Journal of Immunology*, **2017**, 47, 432-445	6.1	36
242	TB-IRIS: Proteomic analysis of in vitro PBMC responses to Mycobacterium tuberculosis and response modulation by dexamethasone. *Experimental and Molecular Pathology*, **2017**, 102, 237-246	4.4	3
241	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
240	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

239	Biomarkers of Cerebral Injury and Inflammation in Pediatric Tuberculous Meningitis. *Clinical Infectious Diseases*, **2017**, 65, 1298-1307	11.6	46
238	Mortality in Severe Human Immunodeficiency Virus-Tuberculosis Associates With Innate Immune Activation and Dysfunction of Monocytes. *Clinical Infectious Diseases*, **2017**, 65, 73-82	11.6	13
237	The Influence of HIV on the Evolution of Mycobacterium tuberculosis. *Molecular Biology and Evolution*, **2017**, 34, 1654-1668	8.3	17
236	Utility of Second-Generation Line Probe Assay (Hain MTBDR) Directly on 2-Month Sputum Specimens for Monitoring Tuberculosis Treatment Response. *Journal of Clinical Microbiology*, **2017**, 55, 1508-1515	9.7	5
235	The CSF Immune Response in HIV-1-Associated Cryptococcal Meningitis: Macrophage Activation, Correlates of Disease Severity, and Effect of Antiretroviral Therapy. *Journal of Acquired Immune Deficiency Syndromes (1999)*, **2017**, 75, 299-307	3.1	17
234	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
233	Tuberculous meningitis. *Nature Reviews Neurology*, **2017**, 13, 581-598	15	203
232	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
231	Characterization of Specific Cells Using MHC Class II Tetramers Reveals Phenotypic Differences Related to HIV Infection and Tuberculosis Disease. *Journal of Immunology*, **2017**,	5.3	18
230	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
229	Low Frequency of Acquired Isoniazid and Rifampicin Resistance in Rifampicin-Susceptible Pulmonary Tuberculosis in a Setting of High HIV-1 Infection and Tuberculosis Coprevalence. *Journal of Infectious Diseases*, **2017**, 216, 632-640	7	5
228	Concentration-Dependent Antagonism and Culture Conversion in Pulmonary Tuberculosis. *Clinical Infectious Diseases*, **2017**, 64, 1350-1359	11.6	32
227	Induction of Heme Oxygenase-1 Expression Is Dependent on Oxidative Stress and Reflects Treatment Outcomes. *Frontiers in Immunology*, **2017**, 8, 542	8.4	23
226	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
225	Using biomarkers to predict TB treatment duration (Predict TB): a prospective, randomized, noninferiority, treatment shortening clinical trial. *Gates Open Research*, **2017**, 1, 9	2.4	13
224	Hemostatic Changes Associated With Increased Mortality Rates in Hospitalized Patients With HIV-Associated Tuberculosis: A Prospective Cohort Study. *Journal of Infectious Diseases*, **2017**, 215, 247-258	7	17
223	Standardized Methods for Enhanced Quality and Comparability of Tuberculous Meningitis Studies. *Clinical Infectious Diseases*, **2017**, 64, 501-509	11.6	44
222	Inflammasome Activation Underlying Central Nervous System Deterioration in HIV-Associated Tuberculosis. *Journal of Infectious Diseases*, **2017**, 215, 677-686	7	45

221	Early Secretory Antigenic Target-6 Drives Matrix Metalloproteinase-10 Gene Expression and Secretion in Tuberculosis. *American Journal of Respiratory Cell and Molecular Biology*, **2017**, 56, 223-232	5.7	14
220	HIV-1 tuberculosis-associated immune reconstitution inflammatory syndrome. *Seminars in Immunopathology*, **2016**, 38, 185-98	12	64
219	Mycobacterium tuberculosis lineage 4 comprises globally distributed and geographically restricted sublineages. *Nature Genetics*, **2016**, 48, 1535-1543	36.3	208
218	HIV-1 Coinfection Does Not Reduce Exposure to Rifampin, Isoniazid, and Pyrazinamide in South African Tuberculosis Outpatients. *Antimicrobial Agents and Chemotherapy*, **2016**, 60, 6050-9	5.9	16
217	QuantiFERON conversion following tuberculin administration is common in HIV infection´and relates to baseline response. *BMC Infectious Diseases*, **2016**, 16, 545	4	6
216	Brief Report: HIV-1 Infection Impairs CD16 and CD35 Mediated Opsonophagocytosis of Mycobacterium tuberculosis by Human Neutrophils. *Journal of Acquired Immune Deficiency Syndromes (1999)*, **2016**, 73, 263-267	3.1	3
215	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
214	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
213	Population tailored modification of tuberculosis specific interferon-gamma release assay. *Journal of Infection*, **2016**, 72, 179-88	18.9	13
212	Flow Cytometry To Assess Cerebrospinal Fluid Fungal Burden in Cryptococcal Meningitis. *Journal of Clinical Microbiology*, **2016**, 54, 802-4	9.7	6
211	Lymphatic endothelial cells are a replicative niche for Mycobacterium tuberculosis. *Journal of Clinical Investigation*, **2016**, 126, 1093-108	15.9	53
210	Preventing Paradoxical Tuberculosis-Associated Immune Reconstitution Inflammatory Syndrome in High-Risk Patients: Protocol of a Randomized Placebo-Controlled Trial of Prednisone (PredART Trial). *JMIR Research Protocols*, **2016**, 5, e173	2	8
209	Interleukin-17 mediated differences in the pathogenesis of HIV-1-associated tuberculous and cryptococcal meningitis. *Aids*, **2016**, 30, 395-404	3.5	14
208	Cardio-Thoracic Ratio Is Stable, Reproducible and Has Potential as a Screening Tool for HIV-1 Related Cardiac Disorders in Resource Poor Settings. *PLoS ONE*, **2016**, 11, e0163490	3.7	2
207	Vitamin D Status and Its Consequences for Health in South Africa. *International Journal of Environmental Research and Public Health*, **2016**, 13,	4.6	15
206	Post-treatment effect of isoniazid preventive therapy on tuberculosis incidence in HIV-infected individuals on antiretroviral therapy. *Aids*, **2016**, 30, 1279-86	3.5	15
205	Prolonged tuberculosis-associated immune reconstitution inflammatory syndrome: characteristics and risk factors. *BMC Infectious Diseases*, **2016**, 16, 518	4	12
204	Assessment of treatment response in tuberculosis. *Expert Review of Respiratory Medicine*, **2016**, 10, 643-54	3.8	41

203	HIV Skews the Lineage-Defining Transcriptional Profile of Mycobacterium tuberculosis-Specific CD4+ T Cells. *Journal of Immunology*, **2016**, 196, 3006-18	5.3	17
202	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
201	Antibodies and tuberculosis. *Tuberculosis*, **2016**, 101, 102-113	2.6	93
200	Relationship Between HIV Coinfection, Interleukin 10 Production, and Mycobacterium tuberculosis in Human Lymph Node Granulomas. *Journal of Infectious Diseases*, **2016**, 214, 1309-1318	7	17
199	Selective reduction of IFN- single positive mycobacteria-specific CD4+ T cells in HIV-1 infected individuals with latent tuberculosis infection. *Tuberculosis*, **2016**, 101, 25-30	2.6	17
198	Cytotoxic mediators in paradoxical HIV-tuberculosis immune reconstitution inflammatory syndrome. *Journal of Immunology*, **2015**, 194, 1748-54	5.3	25
197	Paradoxical TB-IRIS in HIV-infected adults: a systematic review and meta-analysis. *Future Microbiology*, **2015**, 10, 1077-99	2.9	62
196	ART and prevention of HIV-associated tuberculosis. *Lancet HIV,the*, **2015**, 2, e221-2	7.8	12
195	Towards host-directed therapies for tuberculosis. *Nature Reviews Drug Discovery*, **2015**, 14, 511-2	64.1	80
194	Effect of isoniazid on antigen-specific interferon- secretion in latent tuberculosis. *European Respiratory Journal*, **2015**, 45, 473-82	13.6	11
193	Immune reconstitution inflammatory syndrome in HIV-infected patients. *HIV/AIDS - Research and Palliative Care*, **2015**, 7, 49-64	1.2	79
192	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
191	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
190	HIV-tuberculosis-associated immune reconstitution inflammatory syndrome is characterized by Toll-like receptor and inflammasome signalling. *Nature Communications*, **2015**, 6, 8451	17.4	64
189	Management of latent Mycobacterium tuberculosis infection: WHO guidelines for low tuberculosis burden countries. *European Respiratory Journal*, **2015**, 46, 1563-76	13.6	353
188	Effect of Antiretroviral Therapy on HIV-mediated Impairment of the Neutrophil Antimycobacterial Response. *Annals of the American Thoracic Society*, **2015**, 12, 1627-37	4.7	14
187	Six host-range restricted poxviruses from three genera induce distinct gene expression profiles in an in vivo mouse model. *BMC Genomics*, **2015**, 16, 510	4.5	6
186	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

185	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
184	Membrane Type 1 Matrix Metalloproteinase Regulates Monocyte Migration and Collagen Destruction in Tuberculosis. *Journal of Immunology*, **2015**, 195, 882-91	5.3	33
183	Are the Present Doses of Anti Tubercular Drugs Adequate for Severe Disease?. *EBioMedicine*, **2015**, 2, 1572-3	8.8	
182	Independent predictors of tuberculosis mortality in a high HIV prevalence setting: a retrospective cohort study. *AIDS Research and Therapy*, **2015**, 12, 35	3	22
181	Risk Factors for Acquired Rifamycin and Isoniazid Resistance: A Systematic Review and Meta-Analysis. *PLoS ONE*, **2015**, 10, e0139017	3.7	8
180	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
179	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
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9	An observational study identifying highly tuberculosis-exposed, HIV-1-positive but persistently TB, tuberculin and IGRA negative persons with M. tuberculosis specific antibodies in Cape Town, South Africa		1
8	A modular transcriptional signature identifies phenotypic heterogeneity of human tuberculosis infection		2
7	Development and Characterization of a Fixed Repertoire of Blood Transcriptome Modules Based on Co-expression Patterns Across Immunological States		11
6	Identification of reduced host transcriptomic signatures for tuberculosis and digital PCR-based validation and quantification		5

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