

# Gerhard Walzl

## List of Publications by Year in descending order

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246  
papers

14,025  
citations

19657

61  
h-index

30087

103  
g-index

260  
all docs

260  
docs citations

260  
times ranked

12945  
citing authors

#	ARTICLE	IF	CITATIONS
1	A blood RNA signature for tuberculosis disease risk: a prospective cohort study. <i>Lancet, The</i> , 2016, 387, 2312-2322.	13.7	678
2	Immunological biomarkers of tuberculosis. <i>Nature Reviews Immunology</i> , 2011, 11, 343-354.	22.7	455
3	Biomarkers and diagnostics for tuberculosis: progress, needs, and translation into practice. <i>Lancet, The</i> , 2010, 375, 1920-1937.	13.7	404
4	Distinct, Specific IL-17- and IL-22-Producing CD4+ T Cell Subsets Contribute to the Human Anti-Mycobacterial Immune Response. <i>Journal of Immunology</i> , 2008, 180, 1962-1970.	0.8	378
5	Genital Inflammation and the Risk of HIV Acquisition in Women. <i>Clinical Infectious Diseases</i> , 2015, 61, 260-269.	5.8	354
6	Human gene expression profiles of susceptibility and resistance in tuberculosis. <i>Genes and Immunity</i> , 2011, 12, 15-22.	4.1	288
7	Tuberculosis: progress and advances in development of new drugs, treatment regimens, and host-directed therapies. <i>Lancet Infectious Diseases, The</i> , 2018, 18, e183-e198.	9.1	281
8	Persisting positron emission tomography lesion activity and Mycobacterium tuberculosis mRNA after tuberculosis cure. <i>Nature Medicine</i> , 2016, 22, 1094-1100.	30.7	247
9	Tuberculosis: advances and challenges in development of new diagnostics and biomarkers. <i>Lancet Infectious Diseases, The</i> , 2018, 18, e199-e210.	9.1	244
10	Distinct Phases of Blood Gene Expression Pattern Through Tuberculosis Treatment Reflect Modulation of the Humoral Immune Response. <i>Journal of Infectious Diseases</i> , 2013, 207, 18-29.	4.0	218
11	Four-Gene Pan-African Blood Signature Predicts Progression to Tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1198-1208.	5.6	217
12	Plasma cytokine levels during acute HIV-1 infection predict HIV disease progression. <i>Aids</i> , 2010, 24, 819-831.	2.2	195
13	Biomarkers of Inflammation, Immunosuppression and Stress Are Revealed by Metabolomic Profiling of Tuberculosis Patients. <i>PLoS ONE</i> , 2012, 7, e40221.	2.5	195
14	A multi-cohort study of the immune factors associated with M. tuberculosis infection outcomes. <i>Nature</i> , 2018, 560, 644-648.	27.8	184
15	Defining genital tract cytokine signatures of sexually transmitted infections and bacterial vaginosis in women at high risk of HIV infection: a cross-sectional study. <i>Sexually Transmitted Infections</i> , 2014, 90, 580-587.	1.9	173
16	Symptomatic Vaginal Discharge Is a Poor Predictor of Sexually Transmitted Infections and Genital Tract Inflammation in High-Risk Women in South Africa. <i>Journal of Infectious Diseases</i> , 2012, 206, 6-14.	4.0	171
17	Characterization of progressive HIV-associated tuberculosis using 2-deoxy-2-[18F]fluoro-D-glucose positron emission and computed tomography. <i>Nature Medicine</i> , 2016, 22, 1090-1093.	30.7	166
18	Host blood RNA signatures predict the outcome of tuberculosis treatment. <i>Tuberculosis</i> , 2017, 107, 48-58.	1.9	156

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19	Host markers in Quantiferon supernatants differentiate active TB from latent TB infection: preliminary report. <i>BMC Pulmonary Medicine</i> , 2009, 9, 21.	2.0	150
20	Increased Frequency of Myeloid-derived Suppressor Cells during Active Tuberculosis and after Recent <i>Mycobacterium tuberculosis</i> Infection Suppresses T-Cell Function. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 724-732.	5.6	149
21	Immunogenicity of Novel DosR Regulon-Encoded Candidate Antigens of <i>Mycobacterium tuberculosis</i> in Three High-Burden Populations in Africa. <i>Vaccine Journal</i> , 2009, 16, 1203-1212.	3.1	148
22	An Evaluation of Commercial Fluorescent Bead-Based Luminex Cytokine Assays. <i>PLoS ONE</i> , 2008, 3, e2535.	2.5	137
23	Beyond the IFN- $\gamma$ horizon: biomarkers for immunodiagnosis of infection with <i>Mycobacterium tuberculosis</i> . <i>European Respiratory Journal</i> , 2014, 43, 1472-1486.	6.7	135
24	Overexpression of heat-shock proteins reduces survival of <i>Mycobacterium tuberculosis</i> in the chronic phase of infection. <i>Nature Medicine</i> , 2001, 7, 732-737.	30.7	134
25	Diagnostic performance of a seven-marker serum protein biosignature for the diagnosis of active TB disease in African primary healthcare clinic attendees with signs and symptoms suggestive of TB. <i>Thorax</i> , 2016, 71, 785-794.	5.6	134
26	Hypercytokinaemia accompanies HIV-tuberculosis immune reconstitution inflammatory syndrome. <i>European Respiratory Journal</i> , 2011, 37, 1248-1259.	6.7	130
27	Metabolite changes in blood predict the onset of tuberculosis. <i>Nature Communications</i> , 2018, 9, 5208.	12.8	129
28	Influenza Virus Lung Infection Protects from Respiratory Syncytial Virus-Induced Immunopathology. <i>Journal of Experimental Medicine</i> , 2000, 192, 1317-1326.	8.5	127
29	Optimization and Interpretation of Serial QuantiFERON Testing to Measure Acquisition of <i>Mycobacterium tuberculosis</i> Infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 638-648.	5.6	124
30	Delaying BCG vaccination from birth to 10 weeks of age may result in an enhanced memory CD4 T cell response. <i>Vaccine</i> , 2009, 27, 5488-5495.	3.8	117
31	Corticosteroids in the Treatment of Tuberculous Pleurisy. <i>Chest</i> , 1996, 110, 333-338.	0.8	116
32	Immunosuppression during Active Tuberculosis Is Characterized by Decreased Interferon- $\gamma$ Production and CD25 Expression with Elevated Forkhead Box P3, Transforming Growth Factor- $\beta$ , and Interleukin-4 mRNA Levels. <i>Journal of Infectious Diseases</i> , 2007, 195, 870-878.	4.0	113
33	Safety and Immunogenicity of the Recombinant <i>Mycobacterium bovis</i> BCG Vaccine VPM1002 in HIV-Unexposed Newborn Infants in South Africa. <i>Vaccine Journal</i> , 2017, 24, .	3.1	112
34	Role of CCL5 (RANTES) in Viral Lung Disease. <i>Journal of Virology</i> , 2006, 80, 8151-8157.	3.4	106
35	Inhibition of T1/St2 during Respiratory Syncytial Virus Infection Prevents T Helper Cell Type 2 (Th2)- but Not Th1-Driven Immunopathology. <i>Journal of Experimental Medicine</i> , 2001, 193, 785-792.	8.5	104
36	A Critical Role for OX40 in T Cell-mediated Immunopathology during Lung Viral Infection. <i>Journal of Experimental Medicine</i> , 2003, 198, 1237-1242.	8.5	103

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37	Direct comparison of the diagnostic yield of ultrasound-assisted Abrams and Tru-Cut needle biopsies for pleural tuberculosis. <i>Thorax</i> , 2010, 65, 857-862.	5.6	103
38	Differential cytokine secretion and early treatment response in patients with pulmonary tuberculosis. <i>Clinical and Experimental Immunology</i> , 2009, 156, 69-77.	2.6	97
39	Molecular Bacterial Load Assay, a Culture-Free Biomarker for Rapid and Accurate Quantification of Sputum Mycobacterium tuberculosis Bacillary Load during Treatment. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3905-3911.	3.9	97
40	Assessment of Validity of a Blood-Based 3-Gene Signature Score for Progression and Diagnosis of Tuberculosis, Disease Severity, and Treatment Response. <i>JAMA Network Open</i> , 2018, 1, e183779.	5.9	96
41	Biomarker discovery in heterogeneous tissue samples -taking the in-silico deconfounding approach. <i>BMC Bioinformatics</i> , 2010, 11, 27.	2.6	95
42	Plasma cytokines and chemokines differentiate between active disease and non-active tuberculosis infection. <i>Journal of Infection</i> , 2013, 66, 357-365.	3.3	95
43	Mucosal Delivery of a Respiratory Syncytial Virus CTL Peptide with Enterotoxin-Based Adjuvants Elicits Protective, Immunopathogenic, and Immunoregulatory Antiviral CD8+ T Cell Responses. <i>Journal of Immunology</i> , 2001, 166, 1106-1113.	0.8	94
44	RISK6, a 6-gene transcriptomic signature of TB disease risk, diagnosis and treatment response. <i>Scientific Reports</i> , 2020, 10, 8629.	3.3	90
45	Acquired immunodeficiencies and tuberculosis: focus on <sc>HIV</sc>/<sc>AIDS</sc> and diabetes mellitus. <i>Immunological Reviews</i> , 2015, 264, 121-137.	6.0	87
46	S100A8/A9 regulates CD11b expression and neutrophil recruitment during chronic tuberculosis. <i>Journal of Clinical Investigation</i> , 2020, 130, 3098-3112.	8.2	85
47	Biomarker-guided tuberculosis preventive therapy (CORTIS): a randomised controlled trial. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 354-365.	9.1	84
48	Effect of Standard Tuberculosis Treatment on Plasma Cytokine Levels in Patients with Active Pulmonary Tuberculosis. <i>PLoS ONE</i> , 2012, 7, e36886.	2.5	81
49	Identification of novel host biomarkers in plasma as candidates for the immunodiagnosis of tuberculosis disease and monitoring of tuberculosis treatment response. <i>Oncotarget</i> , 2016, 7, 57581-57592.	1.8	81
50	Vitamin D receptor gene polymorphisms and sputum conversion time in pulmonary tuberculosis patients. <i>Tuberculosis</i> , 2007, 87, 295-302.	1.9	80
51	Well-quantified tuberculosis exposure is a reliable surrogate measure of tuberculosis infection. <i>International Journal of Tuberculosis and Lung Disease</i> , 2012, 16, 1033-1039.	1.2	78
52	Decreased Expression of miR-21, miR-26a, miR-29a, and miR-142-3p in CD4+ T Cells and Peripheral Blood from Tuberculosis Patients. <i>PLoS ONE</i> , 2013, 8, e61609.	2.5	73
53	Discovery and validation of a prognostic proteomic signature for tuberculosis progression: A prospective cohort study. <i>PLoS Medicine</i> , 2019, 16, e1002781.	8.4	72
54	Highly discordant T cell responses in individuals with recent exposure to household tuberculosis. <i>Thorax</i> , 2009, 64, 840-846.	5.6	71

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55	Predominance of interleukin-22 over interleukin-17 at the site of disease in human tuberculosis. <i>Tuberculosis</i> , 2011, 91, 587-593.	1.9	71
56	Epigenetics and Proteomics Join Transcriptomics in the Quest for Tuberculosis Biomarkers. <i>MBio</i> , 2015, 6, e01187-15.	4.1	70
57	Immune markers measured before treatment predict outcome of intensive phase tuberculosis therapy. <i>Clinical and Experimental Immunology</i> , 2006, 146, 243-252.	2.6	68
58	PD-1 Expression on Mycobacterium tuberculosis-Specific CD4 T Cells Is Associated With Bacterial Load in Human Tuberculosis. <i>Frontiers in Immunology</i> , 2018, 9, 1995.	4.8	68
59	Genital Tract Inflammation During Early HIV-1 Infection Predicts Higher Plasma Viral Load Set Point in Women. <i>Journal of Infectious Diseases</i> , 2012, 205, 194-203.	4.0	67
60	Evaluation of Adapted Whole-Blood Interferon- $\gamma$ Release Assays for the Diagnosis of Pleural Tuberculosis. <i>Respiration</i> , 2008, 76, 131-138.	2.6	66
61	Short-Term Reproducibility of a Commercial Interferon Gamma Release Assay. <i>Vaccine Journal</i> , 2009, 16, 1170-1175.	3.1	66
62	Differential gene expression of activating Fc $\gamma$ 3 receptor classifies active tuberculosis regardless of human immunodeficiency virus status or ethnicity. <i>Clinical Microbiology and Infection</i> , 2014, 20, O230-O238.	6.0	65
63	Higher human CD4 T cell response to novel Mycobacterium tuberculosis latency associated antigens Rv2660 and Rv2659 in latent infection compared with tuberculosis disease. <i>Vaccine</i> , 2010, 29, 51-57.	3.8	64
64	A metabolic biosignature of early response to anti-tuberculosis treatment. <i>BMC Infectious Diseases</i> , 2014, 14, 53.	2.9	64
65	Potential of novel Mycobacterium tuberculosis infection phase-dependent antigens in the diagnosis of TB disease in a high burden setting. <i>BMC Infectious Diseases</i> , 2012, 12, 10.	2.9	63
66	Changes in leucocyte and lymphocyte subsets during tuberculosis treatment; prominence of CD3dimCD56+ natural killer T cells in fast treatment responders. <i>Clinical and Experimental Immunology</i> , 2006, 145, 252-260.	2.6	62
67	Immune parameters as markers of tuberculosis extent of disease and early prediction of anti-tuberculosis chemotherapy response. <i>Journal of Infection</i> , 2008, 56, 340-347.	3.3	62
68	The BCG replacement vaccine VPM1002: from drawing board to clinical trial. <i>Expert Review of Vaccines</i> , 2014, 13, 619-630.	4.4	62
69	The microbiome and tuberculosis: state of the art, potential applications, and defining the clinical research agenda. <i>Lancet Respiratory Medicine</i> , 2019, 7, 892-906.	10.7	62
70	Utility of Host Markers Detected in Quantiferon Supernatants for the Diagnosis of Tuberculosis in Children in a High-Burden Setting. <i>PLoS ONE</i> , 2013, 8, e64226.	2.5	61
71	Correlates for disease progression and prognosis during concurrent HIV/TB infection. <i>International Journal of Infectious Diseases</i> , 2007, 11, 289-299.	3.3	58
72	Biomarkers for TB treatment response: Challenges and future strategies. <i>Journal of Infection</i> , 2008, 57, 103-109.	3.3	57

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73	Diabetes Mellitus Among Pulmonary Tuberculosis Patients From 4 Tuberculosis-endemic Countries: The TANDEM Study. <i>Clinical Infectious Diseases</i> , 2020, 70, 780-788.	5.8	57
74	Tuberculosis assays: past, present and future. <i>Expert Review of Anti-Infective Therapy</i> , 2011, 9, 457-469.	4.4	56
75	The effect of vitamin A and zinc supplementation on treatment outcomes in pulmonary tuberculosis: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2011, 93, 93-100.	4.7	56
76	Host biomarkers detected in saliva show promise as markers for the diagnosis of pulmonary tuberculosis disease and monitoring of the response to tuberculosis treatment. <i>Cytokine</i> , 2016, 81, 50-56.	3.2	56
77	Profiling persistent tubercule bacilli from patient sputa during therapy predicts early drug efficacy. <i>BMC Medicine</i> , 2016, 14, 68.	5.5	55
78	High-throughput Identification of DNA-Encoded IgG Ligands that Distinguish Active and Latent <i>Mycobacterium tuberculosis</i> Infections. <i>ACS Chemical Biology</i> , 2017, 12, 234-243.	3.4	55
79	Differential cytokine/chemokines and KL-6 profiles in patients with different forms of tuberculosis. <i>Cytokine</i> , 2009, 47, 132-136.	3.2	54
80	Baseline Predictors of Sputum Culture Conversion in Pulmonary Tuberculosis: Importance of Cavities, Smoking, Time to Detection and W-Beijing Genotype. <i>PLoS ONE</i> , 2012, 7, e29588.	2.5	52
81	Host Immune Response to Tuberculous Meningitis. <i>Clinical Infectious Diseases</i> , 2015, 60, 177-187.	5.8	52
82	Potential of Host Markers Produced by Infection Phase-Dependent Antigen-Stimulated Cells for the Diagnosis of Tuberculosis in a Highly Endemic Area. <i>PLoS ONE</i> , 2012, 7, e38501.	2.5	50
83	Multi-center evaluation of a user-friendly lateral flow assay to determine IP-10 and CCL4 levels in blood of TB and non-TB cases in Africa. <i>Clinical Biochemistry</i> , 2016, 49, 22-31.	1.9	49
84	Analysis of Host Responses to Mycobacterium tuberculosis Antigens in a Multi-Site Study of Subjects with Different TB and HIV Infection States in Sub-Saharan Africa. <i>PLoS ONE</i> , 2013, 8, e74080.	2.5	48
85	The gut microbiome in tuberculosis susceptibility and treatment response: guilty or not guilty?. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1497-1509.	5.4	48
86	Differential Expression of Host Biomarkers in Saliva and Serum Samples from Individuals with Suspected Pulmonary Tuberculosis. <i>Mediators of Inflammation</i> , 2013, 2013, 1-10.	3.0	47
87	Safety and efficacy of BCG re-vaccination in relation to COVID-19 morbidity in healthcare workers: A double-blind, randomised, controlled, phase 3 trial. <i>EClinicalMedicine</i> , 2022, 48, 101414.	7.1	47
88	OX40 Ligation on Activated T Cells Enhances the Control of <i>Cryptococcus neoformans</i> and Reduces Pulmonary Eosinophilia. <i>Journal of Immunology</i> , 2003, 170, 6125-6132.	0.8	46
89	Optimizing the Detection of Recent Tuberculosis Infection in Children in a High Tuberculosis and HIV Burden Setting. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 820-830.	5.6	46
90	Detection of Tuberculosis Recurrence, Diagnosis and Treatment Response by a Blood Transcriptomic Risk Signature in HIV-Infected Persons on Antiretroviral Therapy. <i>Frontiers in Microbiology</i> , 2019, 10, 1441.	3.5	46

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91	Safety and immunogenicity of the adjunct therapeutic vaccine ID93+GLA-SE in adults who have completed treatment for tuberculosis: a randomised, double-blind, placebo-controlled, phase 2a trial. <i>Lancet Respiratory Medicine</i> , 2021, 9, 373-386.	10.7	46
92	Diagnostic Accuracy of the Cepheid 3-gene Host Response Fingerstick Blood Test in a Prospective, Multi-site Study: Interim Results. <i>Clinical Infectious Diseases</i> , 2022, 74, 2136-2141.	5.8	46
93	Serologic diagnosis of tuberculosis by combining Ig classes against selected mycobacterial targets. <i>Journal of Infection</i> , 2014, 69, 581-589.	3.3	45
94	Higher SARS-CoV-2 seroprevalence in workers with lower socioeconomic status in Cape Town, South Africa. <i>PLoS ONE</i> , 2021, 16, e0247852.	2.5	45
95	Diagnostic Potential of Novel Salivary Host Biomarkers as Candidates for the Immunological Diagnosis of Tuberculosis Disease and Monitoring of Tuberculosis Treatment Response. <i>PLoS ONE</i> , 2016, 11, e0160546.	2.5	45
96	Suppressor of cytokine signaling-3 is affected in T-cells from tuberculosis TB patients. <i>Clinical Microbiology and Infection</i> , 2011, 17, 1323-1331.	6.0	44
97	Detecting Tuberculosis Infection in HIV-infected Children. <i>Pediatric Infectious Disease Journal</i> , 2013, 32, e111-e118.	2.0	44
98	Africa-wide evaluation of host biomarkers in QuantiFERON supernatants for the diagnosis of pulmonary tuberculosis. <i>Scientific Reports</i> , 2018, 8, 2675.	3.3	44
99	Complement Component C1q as Serum Biomarker to Detect Active Tuberculosis. <i>Frontiers in Immunology</i> , 2018, 9, 2427.	4.8	43
100	The influence of different helminth infection phenotypes on immune responses against HIV in co-infected adults in South Africa. <i>BMC Infectious Diseases</i> , 2011, 11, 273.	2.9	42
101	Exploring Alternative Biomaterials for Diagnosis of Pulmonary Tuberculosis in HIV-Negative Patients by Use of the GeneXpert MTB/RIF Assay. <i>Journal of Clinical Microbiology</i> , 2013, 51, 4161-4166.	3.9	42
102	Distinct Cytokine Patterns in Semen Influence Local HIV Shedding and HIV Target Cell Activation. <i>Journal of Infectious Diseases</i> , 2014, 209, 1174-1184.	4.0	42
103	A Serum Circulating miRNA Signature for Short-Term Risk of Progression to Active Tuberculosis Among Household Contacts. <i>Frontiers in Immunology</i> , 2018, 9, 661.	4.8	42
104	Acute helminth infection enhances early macrophage mediated control of mycobacterial infection. <i>Mucosal Immunology</i> , 2013, 6, 931-941.	6.0	41
105	Immunometabolic Signatures Predict Risk of Progression to Active Tuberculosis and Disease Outcome. <i>Frontiers in Immunology</i> , 2019, 10, 527.	4.8	40
106	Challenges and perspectives for improved management of HIV/Mycobacterium tuberculosis co-infection. <i>European Respiratory Journal</i> , 2010, 36, 1242-1247.	6.7	39
107	Guidance for Studies Evaluating the Accuracy of Biomarker-Based Nonsputum Tests to Diagnose Tuberculosis. <i>Journal of Infectious Diseases</i> , 2019, 220, S108-S115.	4.0	38
108	Pleural Tuberculosis in Patients with Early HIV Infection Is Associated with Increased TNF-Alpha Expression and Necrosis in Granulomas. <i>PLoS ONE</i> , 2009, 4, e4228.	2.5	37

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109	Patients with Concurrent Tuberculosis and Diabetes Have a Pro-Atherogenic Plasma Lipid Profile. <i>EBioMedicine</i> , 2018, 32, 192-200.	6.1	36
110	Differential Expression of Interleukin-4 (IL-4) and IL-4 <sup>Î2</sup> mRNA, but Not Transforming Growth Factor Beta (TGF-Î2), TGF-Î2RII, Foxp3, Gamma Interferon, T-bet, or GATA-3 mRNA, in Patients with Fast and Slow Responses to Antituberculosis Treatment. <i>Vaccine Journal</i> , 2008, 15, 1165-1170.	3.1	35
111	Bacterial Loads Measured by the Xpert MTB/RIF Assay as Markers of Culture Conversion and Bacteriological Cure in Pulmonary TB. <i>PLoS ONE</i> , 2016, 11, e0160062.	2.5	35
112	BDNF Val66Met and DRD2 Taq1A polymorphisms interact to influence PTSD symptom severity: A preliminary investigation in a South African population. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 40, 273-280.	4.8	34
113	Excessive Cytolytic Responses Predict Tuberculosis Relapse After Apparently Successful Treatment. <i>Journal of Infectious Diseases</i> , 2016, 213, 485-495.	4.0	34
114	Validation of a host blood transcriptomic biomarker for pulmonary tuberculosis in people living with HIV: a prospective diagnostic and prognostic accuracy study. <i>The Lancet Global Health</i> , 2021, 9, e841-e853.	6.3	34
115	Detection and treatment of subclinical tuberculosis. <i>Tuberculosis</i> , 2012, 92, 447-452.	1.9	33
116	Use of lateral flow assays to determine IP-10 and CCL4 levels in pleural effusions and whole blood for TB diagnosis. <i>Tuberculosis</i> , 2016, 96, 31-36.	1.9	33
117	Clinical Immunology and Multiplex Biomarkers of Human Tuberculosis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2015, 5, a018515-a018515.	6.2	32
118	Safety and Immunogenicity of Newborn MVA85A Vaccination and Selective, Delayed Bacille Calmette-Guerin for Infants of Human Immunodeficiency Virus-Infected Mothers: A Phase 2 Randomized, Controlled Trial. <i>Clinical Infectious Diseases</i> , 2018, 66, 554-563.	5.8	32
119	Human Monocytic Suppressive Cells Promote Replication of Mycobacterium tuberculosis and Alter Stability of in vitro Generated Granulomas. <i>Frontiers in Immunology</i> , 2018, 9, 2417.	4.8	32
120	Oxidized low-density lipoprotein (oxLDL) supports Mycobacterium tuberculosis survival in macrophages by inducing lysosomal dysfunction. <i>PLoS Pathogens</i> , 2019, 15, e1007724.	4.7	32
121	Safety and immunogenicity of VPM1002 versus BCG in South African newborn babies: a randomised, phase 2 non-inferiority double-blind controlled trial. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 1472-1483.	9.1	32
122	Host Cytokine Responses Induced after Overnight Stimulation with Novel M. tuberculosis Infection Phase-Dependent Antigens Show Promise as Diagnostic Candidates for TB Disease. <i>PLoS ONE</i> , 2014, 9, e102584.	2.5	30
123	Impact of HIV co-infection on plasma level of cytokines and chemokines of pulmonary tuberculosis patients. <i>BMC Infectious Diseases</i> , 2014, 14, 125.	2.9	30
124	Combination of gene expression patterns in whole blood discriminate between tuberculosis infection states. <i>BMC Infectious Diseases</i> , 2014, 14, 257.	2.9	30
125	Medroxyprogesterone Acetate Alters Mycobacterium Bovis BCG-Induced Cytokine Production in Peripheral Blood Mononuclear Cells of Contraceptive Users. <i>PLoS ONE</i> , 2011, 6, e24639.	2.5	30
126	Tuberculous Meningitis: Pathogenesis, Immune Responses, Diagnostic Challenges, and the Potential of Biomarker-Based Approaches. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	3.9	29



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127	Effect of <i>Ascaris Lumbricoides</i> specific IgE on tuberculin skin test responses in children in a high-burden setting: a cross-sectional community-based study. <i>BMC Infectious Diseases</i> , 2012, 12, 211.	2.9	28
128	The Contraceptive Depot Medroxyprogesterone Acetate Impairs Mycobacterial Control and Inhibits Cytokine Secretion in Mice Infected with <i>Mycobacterium tuberculosis</i> . <i>Infection and Immunity</i> , 2013, 81, 1234-1244.	2.2	28
129	Evaluation of cytokine responses against novel <i>Mtb</i> antigens as diagnostic markers for TB disease. <i>Journal of Infection</i> , 2016, 73, 219-230.	3.3	28
130	Cardiovascular risk and endothelial function in people living with HIV/AIDS: design of the multi-site, longitudinal EndoAfrica study in the Western Cape Province of South Africa. <i>BMC Infectious Diseases</i> , 2017, 17, 41.	2.9	28
131	Considerations for biomarker-targeted intervention strategies for tuberculosis disease prevention. <i>Tuberculosis</i> , 2018, 109, 61-68.	1.9	28
132	Changes in the kinetics of intracellular IFN- $\gamma$ production in TB patients during treatment. <i>Clinical Immunology</i> , 2007, 124, 336-344.	3.2	27
133	A Broad Profile of Co-Dominant Epitopes Shapes the Peripheral <i>Mycobacterium tuberculosis</i> Specific CD8+ T-Cell Immune Response in South African Patients with Active Tuberculosis. <i>PLoS ONE</i> , 2013, 8, e58309.	2.5	27
134	Sputum is a surrogate for bronchoalveolar lavage for monitoring <i>Mycobacterium tuberculosis</i> transcriptional profiles in TB patients. <i>Tuberculosis</i> , 2016, 100, 89-94.	1.9	27
135	Phenotypically resembling myeloid derived suppressor cells are increased in children with HIV and exposed/infected with <i>Mycobacterium tuberculosis</i> . <i>European Journal of Immunology</i> , 2017, 47, 107-118.	2.9	27
136	Quantitative 18F-FDG PET-CT scan characteristics correlate with tuberculosis treatment response. <i>EJNMMI Research</i> , 2020, 10, 8.	2.5	27
137	Heparin-Binding Hemagglutinin Induces IFN- $\gamma$ IL-2 IL-17 Multifunctional CD4+ T Cells during Latent but Not Active Tuberculosis Disease. <i>Vaccine Journal</i> , 2012, 19, 746-751.	3.1	26
138	A Blueprint to Address Research Gaps in the Development of Biomarkers for Pediatric Tuberculosis: Table 1.. <i>Clinical Infectious Diseases</i> , 2015, 61, S164-S172.	5.8	26
139	Impact of Intermediate Hyperglycemia and Diabetes on Immune Dysfunction in Tuberculosis. <i>Clinical Infectious Diseases</i> , 2021, 72, 69-78.	5.8	26
140	Therapies for tuberculosis and AIDS: myeloid-derived suppressor cells in focus. <i>Journal of Clinical Investigation</i> , 2020, 130, 2789-2799.	8.2	26
141	Phenotypic analysis of peripheral B cell populations during <i>Mycobacterium tuberculosis</i> infection and disease. <i>Journal of Inflammation</i> , 2016, 13, 23.	3.4	25
142	GPR183 Regulates Interferons, Autophagy, and Bacterial Growth During <i>Mycobacterium tuberculosis</i> Infection and Is Associated With TB Disease Severity. <i>Frontiers in Immunology</i> , 2020, 11, 601534.	4.8	25
143	Fourteen-day PET/CT imaging to monitor drug combination activity in treated individuals with tuberculosis. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	25
144	Prior Exposure to Live <i>Mycobacterium bovis</i> BCG Decreases <i>Cryptococcus neoformans</i> -Induced Lung Eosinophilia in a Gamma Interferon-Dependent Manner. <i>Infection and Immunity</i> , 2003, 71, 3384-3391.	2.2	24

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