Andrea Rachow

List of Publications by Year
in descending order

36 papers	2,434 citations	331670 21 h-index	377865 34 g-index
37 all docs	37 docs citations	37 times ranked	2831 citing authors

#	Article	IF	Citations
1	Feasibility, accuracy, and clinical effect of point-of-care Xpert MTB/RIF testing for tuberculosis in primary-care settings in Africa: a multicentre, randomised, controlled trial. Lancet, The, 2014, 383, 424-435.	13.7	379
2	Mycobacterium tuberculosis lineage 4 comprises globally distributed and geographically restricted sublineages. Nature Genetics, 2016, 48, 1535-1543.	21.4	326
3	Effect on mortality of point-of-care, urine-based lipoarabinomannan testing to guide tuberculosis treatment initiation in HIV-positive hospital inpatients: a pragmatic, parallel-group, multicountry, open-label, randomised controlled trial. Lancet, The, 2016, 387, 1187-1197.	13.7	211
4	Assessment of the sensitivity and specificity of Xpert MTB/RIF assay as an early sputum biomarker of response to tuberculosis treatment. Lancet Respiratory Medicine,the, 2013, 1, 462-470.	10.7	151
5	Assessment of the novel T-cell activation marker–tuberculosis assay for diagnosis of active tuberculosis in children: a prospective proof-of-concept study. Lancet Infectious Diseases, The, 2014, 14, 931-938.	9.1	142
6	Rapid and Accurate Detection of Mycobacterium tuberculosis in Sputum Samples by Cepheid Xpert MTB/RIF Assay–A Clinical Validation Study. PLoS ONE, 2011, 6, e20458.	2.5	140
7	Assessment of the Xpert MTB/RIF assay for diagnosis of tuberculosis with gastric lavage aspirates in children in sub-Saharan Africa: a prospective descriptive study. Lancet Infectious Diseases, The, 2013, 13, 36-42.	9.1	133
8	Increased and Expedited Case Detection by Xpert MTB/RIF Assay in Childhood Tuberculosis: A Prospective Cohort Study. Clinical Infectious Diseases, 2012, 54, 1388-1396.	5.8	131
9	Post-Tuberculosis Lung Disease: Clinical Review of an Under-Recognised Global Challenge. Respiration, 2021, 100, 751-763.	2.6	97
10	Evaluation of the Xpert MTB/RIF Assay at a Tertiary Care Referral Hospital in a Setting Where Tuberculosis and HIV Infection Are Highly Endemic. Clinical Infectious Diseases, 2012, 55, 1171-1178.	5.8	68
11	The Molecular Bacterial Load Assay Replaces Solid Culture for Measuring Early Bactericidal Response to Antituberculosis Treatment. Journal of Clinical Microbiology, 2014, 52, 3064-3067.	3.9	62
12	Monitoring CD27 Expression to Evaluate Mycobacterium Tuberculosis Activity in HIV-1 Infected Individuals In Vivo. PLoS ONE, 2011, 6, e27284.	2.5	53
13	Xpert MTB/RIF Ultra assay for the diagnosis of pulmonary tuberculosis in children: a multicentre comparative accuracy study. Journal of Infection, 2018, 77, 321-327.	3.3	53
14	Psychological distress and its relationship with non-adherence to TB treatment: a multicentre study. BMC Infectious Diseases, 2015, 15, 253.	2.9	49
15	Tuberculosis bacillary load, an early marker of disease severity: the utility of tuberculosis Molecular Bacterial Load Assay. Thorax, 2020, 75, 606-608.	5.6	49
16	Evaluation of the Burden of Unsuspected Pulmonary Tuberculosis and Co-Morbidity with Non-Communicable Diseases in Sputum Producing Adult Inpatients. PLoS ONE, 2012, 7, e40774.	2.5	46
17	TB sequel: incidence, pathogenesis and risk factors of long-term medical and social sequelae of pulmonary TB – a study protocol. BMC Pulmonary Medicine, 2019, 19, 4.	2.0	45
18	Performance of urine lipoarabinomannan assays for paediatric tuberculosis in Tanzania. European Respiratory Journal, 2015, 46, 761-770.	6.7	44

#	Article	IF	Citations
19	Prevalence of Pulmonary Tuberculosis among Prison Inmates in Ethiopia, a Cross-Sectional Study. PLoS ONE, 2015, 10, e0144040.	2.5	29
20	Test characteristics and potential impact of the urine LAM lateral flow assay in HIV-infected outpatients under investigation for TB and able to self-expectorate sputum for diagnostic testing. BMC Infectious Diseases, 2015, 15, 262.	2.9	27
21	Prediction of anti-tuberculosis treatment duration based on a 22-gene transcriptomic model. European Respiratory Journal, 2021, 58, 2003492.	6.7	27
22	Reasons for false-positive lipoarabinomannan ELISA results in a Tanzanian population. Scandinavian Journal of Infectious Diseases, 2014, 46, 144-148.	1.5	23
23	Homogenous Hepatitis A Virus Particles. Journal of Biological Chemistry, 2003, 278, 29744-29751.	3.4	22
24	Drug resistance and population structure of M.tuberculosis isolates from prisons and communities in Ethiopia. BMC Infectious Diseases, 2016, 16, 687.	2.9	22
25	Xpert MTB/RIF assay for diagnosis of pulmonary tuberculosis in children: A prospective, multi-centre evaluation. Journal of Infection, 2015, 70, 392-399.	3.3	20
26	Heat Inactivation Renders Sputum Safe and Preserves *Mycobacterium tuberculosis* RNA for Downstream Molecular Tests. Journal of Clinical Microbiology, 2019, 57, .	3.9	15
27	Origin and Global Expansion of Mycobacterium tuberculosis Complex Lineage 3. Genes, 2022, 13, 990.	2.4	13
28	Neutrophils Contribute to Severity of Tuberculosis Pathology and Recovery From Lung Damage Pre- and Posttreatment. Clinical Infectious Diseases, 2022, 74, 1757-1766.	5.8	11
29	Monitoring Anti-tuberculosis Treatment Response Using Analysis of Whole Blood Mycobacterium tuberculosis Specific T Cell Activation and Functional Markers. Frontiers in Immunology, 2020, 11, 572620.	4.8	10
30	Major Neutrophil-Derived Soluble Mediators Associate With Baseline Lung Pathology and Post-Treatment Recovery in Tuberculosis Patients. Frontiers in Immunology, 2021, 12, 740933.	4.8	10
31	Seroprevalence of Aspergillus-Specific IgG Antibody among Mozambican Tuberculosis Patients. Journal of Fungi (Basel, Switzerland), 2021, 7, 595.	3.5	7
32	Adaptation of WHO's generic tuberculosis patient cost instrument for a longitudinal study in Africa. Global Health Action, 2021, 14, 1865625.	1.9	6
33	Maturation and Mip-1β Production of Cytomegalovirus-Specific T Cell Responses in Tanzanian Children, Adolescents and Adults: Impact by HIV and Mycobacterium tuberculosis Co-Infections. PLoS ONE, 2015, 10, e0126716.	2.5	6
34	Early Identification of Progressive TB Disease Using Host Biomarkers. EBioMedicine, 2015, 2, 107-108.	6.1	4
35	Health-related quality of life and psychological distress among adults in Tanzania: a cross-sectional study. Archives of Public Health, 2022, 80, .	2.4	1
36	Pathogen-free diagnosis of tuberculosis. Lancet Infectious Diseases, The, 2021, 21, 1066.	9.1	0