

Adithya Cattamanchi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96
papers

2,556
citations

23
h-index

49
g-index

110
ext. papers

3,290
ext. citations

6.9
avg, IF

4.68
L-index

#	Paper	IF	Citations
96	Addressing health disparities through implementation science-a need to integrate an equity lens from the outset.. <i>Implementation Science</i> , 2022 , 17, 13	8.4	5
95	Readiness to implement on-site molecular testing for tuberculosis in community health centers in Uganda.. <i>Implementation Science Communications</i> , 2022 , 3, 9	2.2	0
94	Perceptions, preferences, and experiences of tuberculosis education and counselling among patients and providers in Kampala, Uganda: A qualitative study.. <i>Global Public Health</i> , 2022 , 1-18	3.5	
93	Implementing pediatric inpatient asthma pathways. <i>Journal of Asthma</i> , 2021 , 58, 893-902	1.9	3
92	Tuberculosis screening among ambulatory people living with HIV: a systematic review and individual participant data meta-analysis. <i>Lancet Infectious Diseases</i> , 2021 ,	25.5	1
91	Impact of shelter-in-place orders on TB case notifications and mortality in the Philippines during the COVID-19 pandemic. <i>Journal of Clinical Tuberculosis and Other Mycobacterial Diseases</i> , 2021 , 25, 100282	2.1	0
90	Impact of hematocrit on point-of-care C-reactive protein-based tuberculosis screening among people living with HIV initiating antiretroviral therapy in Uganda. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021 , 99, 115281	2.9	0
89	Characterization of oral swab samples for diagnosis of pulmonary tuberculosis. <i>PLoS ONE</i> , 2021 , 16, e0251422	5.7	7
88	Digital adherence technology for tuberculosis treatment supervision: A stepped-wedge cluster-randomized trial in Uganda. <i>PLoS Medicine</i> , 2021 , 18, e1003628	11.6	3
87	Design and execution of a public randomization ceremony to enhance stakeholder engagement within a cluster randomized trial to improve tuberculosis diagnosis in Uganda. <i>Contemporary Clinical Trials Communications</i> , 2021 , 22, 100707	1.8	1
86	Diabetes prevention in the Caribbean using Lifestyle Intervention and Metformin Escalation (LIME): Protocol for a hybrid Type-1 effectiveness-implementation trial using a quasi-experimental study design. <i>Contemporary Clinical Trials Communications</i> , 2021 , 22, 100750	1.8	0
85	Acceptance and completion of rifapentine-based TB preventive therapy (3HP) among people living with HIV (PLHIV) in Kampala, Uganda-patient and health worker perspectives. <i>Implementation Science Communications</i> , 2021 , 2, 71	2.2	1
84	Toward Comprehensive Plasma Proteomics by Orthogonal Protease Digestion. <i>Journal of Proteome Research</i> , 2021 , 20, 4031-4040	5.6	0
83	Where will it end? Pathways to care and catastrophic costs following negative TB evaluation in Uganda. <i>PLoS ONE</i> , 2021 , 16, e0253927	3.7	0
82	A Prospective Evaluation of Xpert MTB/RIF Ultra for Childhood Pulmonary Tuberculosis in Uganda. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021 , 10, 586-592	4.8	2
81	Patient choice improves self-efficacy and intention to complete tuberculosis preventive therapy in a routine HIV program setting in Uganda. <i>PLoS ONE</i> , 2021 , 16, e0246113	3.7	3
80	Field evaluation of a prototype tuberculosis lipoarabinomannan lateral flow assay on HIV-positive and HIV-negative patients. <i>PLoS ONE</i> , 2021 , 16, e0254156	3.7	0

79	Barriers to the Use of Clinical Decision Support for the Evaluation of Pulmonary Embolism: Qualitative Interview Study. <i>JMIR Human Factors</i> , 2021 , 8, e25046	2.5	0
78	Validating novel diagnostic assays for tuberculosis in the context of existing tools. <i>The Lancet Global Health</i> , 2021 , 9, e1209	13.6	1
77	Patient Perspectives and Willingness to Accept Incentives for Tuberculosis Diagnostic Evaluation in Uganda. <i>Value in Health Regional Issues</i> , 2021 , 25, 48-56	1.6	1
76	Completion of isoniazid-rifapentine (3HP) for tuberculosis prevention among people living with HIV: Interim analysis of a hybrid type 3 effectiveness-implementation randomized trial.. <i>PLoS Medicine</i> , 2021 , 18, e1003875	11.6	1
75	Multicomponent Strategy with Decentralized Molecular Testing for Tuberculosis.. <i>New England Journal of Medicine</i> , 2021 , 385, 2441-2450	59.2	1
74	Predictors of Quality Improvement in Pediatric Asthma Care. <i>Hospital Pediatrics</i> , 2020 , 10, 1114-1119	2.5	1
73	Evaluation of multi-antigen serological screening for active tuberculosis among people living with HIV. <i>PLoS ONE</i> , 2020 , 15, e0234130	3.7	4
72	Challenges with scale-up of GeneXpert MTB/RIF [®] in Uganda: a health systems perspective. <i>BMC Health Services Research</i> , 2020 , 20, 162	2.9	13
71	The University of California San Francisco (UCSF) Training Program in Implementation Science: Program Experiences and Outcomes. <i>Frontiers in Public Health</i> , 2020 , 8, 94	6	4
70	Study protocol and implementation details for a pragmatic, stepped-wedge cluster randomised trial of a digital adherence technology to facilitate tuberculosis treatment completion. <i>BMJ Open</i> , 2020 , 10, e039895	3	1
69	Estimating the effect of pretreatment loss to follow up on TB associated mortality at public health facilities in Uganda. <i>PLoS ONE</i> , 2020 , 15, e0241611	3.7	4
68	Iterative Adaptation of a Tuberculosis Digital Medication Adherence Technology to Meet User Needs: Qualitative Study of Patients and Health Care Providers Using Human-Centered Design Methods. <i>JMIR Formative Research</i> , 2020 , 4, e19270	2.5	2
67	Variation in tuberculosis treatment outcomes and treatment supervision practices in Uganda. <i>Journal of Clinical Tuberculosis and Other Mycobacterial Diseases</i> , 2020 , 21, 100184	2.1	2
66	Implementation science to improve the quality of tuberculosis diagnostic services in Uganda. <i>Journal of Clinical Tuberculosis and Other Mycobacterial Diseases</i> , 2020 , 18, 100136	2.1	6
65	Patient and health system factors associated with pretreatment loss to follow up among patients diagnosed with tuberculosis using Xpert [®] MTB/RIF testing in Uganda. <i>BMC Public Health</i> , 2020 , 20, 18554	4.1	0
64	Costs incurred by patients with drug-susceptible pulmonary tuberculosis in semi-urban and rural settings of Western India. <i>Infectious Diseases of Poverty</i> , 2020 , 9, 144	10.4	1
63	Protocol for the 3HP Options Trial: a hybrid type 3 implementation-effectiveness randomized trial of delivery strategies for short-course tuberculosis preventive therapy among people living with HIV in Uganda. <i>Implementation Science</i> , 2020 , 15, 65	8.4	3
62	Lipoarabinomannan antigenic epitope differences in tuberculosis disease subtypes. <i>Scientific Reports</i> , 2020 , 10, 13944	4.9	2

61	Study protocol: a cluster randomized trial to evaluate the effectiveness and implementation of onsite GeneXpert testing at community health centers in Uganda (XPEL-TB). <i>Implementation Science</i> , 2020 , 15, 24	8.4	8
60	Diagnostic accuracy of TB-LAMP for pulmonary tuberculosis: a systematic review and meta-analysis. <i>BMC Infectious Diseases</i> , 2019 , 19, 268	4	31
59	Quality of care for patients evaluated for tuberculosis in the context of Xpert MTB/RIF scale-up. <i>Journal of Clinical Tuberculosis and Other Mycobacterial Diseases</i> , 2019 , 15, 100099	2.1	5
58	Feasibility of Direct Sputum Molecular Testing for Drug Resistance as Part of Tuberculosis Clinical Trials Eligibility Screening. <i>Diagnostics</i> , 2019 , 9,	3.8	1
57	Outcomes of empiric treatment for pediatric tuberculosis, Kampala, Uganda, 2010-2015. <i>BMC Public Health</i> , 2019 , 19, 446	4.1	9
56	Building a tuberculosis-free world: The Lancet Commission on tuberculosis. <i>Lancet, The</i> , 2019 , 393, 1331-1384	1384	158
55	Ultrasensitive detection of lipoarabinomannan with plasmonic grating biosensors in clinical samples of HIV negative patients with tuberculosis. <i>PLoS ONE</i> , 2019 , 14, e0214161	3.7	11
54	Outlook for tuberculosis elimination in California: An individual-based stochastic model. <i>PLoS ONE</i> , 2019 , 14, e0214532	3.7	10
53	Seasonality of childhood tuberculosis cases in Kampala, Uganda, 2010-2015. <i>PLoS ONE</i> , 2019 , 14, e0214555	5.7	8
52	Feasibility of a short message service (SMS) intervention to deliver tuberculosis testing results in peri-urban and rural Uganda. <i>Journal of Clinical Tuberculosis and Other Mycobacterial Diseases</i> , 2019 , 16, 100110	2.1	9
51	Guidance for Studies Evaluating the Accuracy of Tuberculosis Triage Tests. <i>Journal of Infectious Diseases</i> , 2019 , 220, S116-S125	7	17
50	Improving the cascade of global tuberculosis care: moving from the "what" to the "how" of quality improvement. <i>Lancet Infectious Diseases, The</i> , 2019 , 19, e437-e443	25.5	15
49	Variation in the observed effect of Xpert MTB/RIF testing for tuberculosis on mortality: A systematic review and analysis of trial design considerations. <i>Wellcome Open Research</i> , 2019 , 4, 173	4.8	2
48	Variation in the observed effect of Xpert MTB/RIF testing for tuberculosis on mortality: A systematic review and analysis of trial design considerations. <i>Wellcome Open Research</i> , 2019 , 4, 173	4.8	2
47	Investigation of Preanalytical Variables Impacting Pathogen Cell-Free DNA in Blood and Urine. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	21
46	Treatment of Drug-Resistant Tuberculosis. An Official ATS/CDC/ERS/IDSA Clinical Practice Guideline. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, e93-e142	10.2	149
45	Point-of-care C-reactive protein and risk of early mortality among adults initiating antiretroviral therapy. <i>Aids</i> , 2019 , 33, 895-902	3.5	6
44	Brief Report: Yield and Efficiency of Intensified Tuberculosis Case-Finding Algorithms in 2 High-Risk HIV Subgroups in Uganda. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019 , 82, 416-420	3.1	2

43	Yield and Efficiency of Novel Intensified Tuberculosis Case-Finding Algorithms for People Living with HIV. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 643-650	10.2	23
42	A Novel, 5-Transcript, Whole-blood Gene-expression Signature for Tuberculosis Screening Among People Living With Human Immunodeficiency Virus. <i>Clinical Infectious Diseases</i> , 2019 , 69, 77-83	11.6	11
41	Moving toward Tuberculosis Elimination. Critical Issues for Research in Diagnostics and Therapeutics for Tuberculosis Infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 564-571	10.2	14
40	Selecting and Improving Quasi-Experimental Designs in Effectiveness and Implementation Research. <i>Annual Review of Public Health</i> , 2018 , 39, 5-25	20.6	108
39	Brief Report: "Give Me Some Time": Facilitators of and Barriers to Uptake of Home-Based HIV Testing During Household Contact Investigation for Tuberculosis in Kampala, Uganda. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018 , 77, 400-404	3.1	7
38	Comparison of different treatments for isoniazid-resistant tuberculosis: an individual patient data meta-analysis. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 265-275	35.1	50
37	Association of Rapid Molecular Testing With Duration of Respiratory Isolation for Patients With Possible Tuberculosis in a US Hospital. <i>JAMA Internal Medicine</i> , 2018 , 178, 1380-1388	11.5	19
36	Whole-genome sequencing and single nucleotide polymorphisms in multidrug-resistant clinical isolates of <i>Mycobacterium tuberculosis</i> from the Philippines. <i>Journal of Global Antimicrobial Resistance</i> , 2018 , 15, 239-245	3.4	4
35	Diagnostic performance of blood inflammatory markers for tuberculosis screening in people living with HIV. <i>PLoS ONE</i> , 2018 , 13, e0206119	3.7	5
34	Effectiveness-implementation of COPD case finding and self-management action plans in low- and middle-income countries: global excellence in COPD outcomes (GEC0) study protocol. <i>Trials</i> , 2018 , 19, 571	2.8	17
33	Identifying barriers to and facilitators of tuberculosis contact investigation in Kampala, Uganda: a behavioral approach. <i>Implementation Science</i> , 2017 , 12, 33	8.4	48
32	Point-of-care C-reactive protein-based tuberculosis screening for people living with HIV: a diagnostic accuracy study. <i>Lancet Infectious Diseases</i> , 2017 , 17, 1285-1292	25.5	65
31	Unusual Radiographic Presentation of Pneumonia in a Patient with AIDS. <i>Case Reports in Infectious Diseases</i> , 2017 , 2017, 3183525	0.9	6
30	Evaluation of antibody responses to panels of <i>M. tuberculosis</i> antigens as a screening tool for active tuberculosis in Uganda. <i>PLoS ONE</i> , 2017 , 12, e0180122	3.7	15
29	Sputum quality and diagnostic performance of GeneXpert MTB/RIF among smear-negative adults with presumed tuberculosis in Uganda. <i>PLoS ONE</i> , 2017 , 12, e0180572	3.7	24
28	Tuberculosis progression rates in U.S. Immigrants following screening with interferon-gamma release assays. <i>BMC Public Health</i> , 2016 , 16, 875	4.1	11
27	Official American Thoracic Society/Centers for Disease Control and Prevention/Infectious Diseases Society of America Clinical Practice Guidelines: Treatment of Drug-Susceptible Tuberculosis. <i>Clinical Infectious Diseases</i> , 2016 , 63, e147-e195	11.6	586
26	Serial testing for latent tuberculosis using QuantiFERON-TB Gold In-Tube: A Markov model. <i>Scientific Reports</i> , 2016 , 6, 30781	4.9	16

25	Implementation of Xpert MTB/RIF in Uganda: Missed Opportunities to Improve Diagnosis of Tuberculosis. <i>Open Forum Infectious Diseases</i> , 2016 , 3, ofw068	1	33
24	Blood Transcriptional Biomarkers for Active Tuberculosis among Patients in the United States: a Case-Control Study with Systematic Cross-Classifer Evaluation. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 274-82	9.7	32
23	Strategies for implementing implementation science: a methodological overview. <i>Emergency Medicine Journal</i> , 2016 , 33, 660-4	1.5	51
22	Cost-effectiveness of triage testing for facility-based systematic screening of tuberculosis among Ugandan adults. <i>BMJ Global Health</i> , 2016 , 1, e000064	6.6	2
21	Health worker perspectives on barriers to delivery of routine tuberculosis diagnostic evaluation services in Uganda: a qualitative study to guide clinic-based interventions. <i>BMC Health Services Research</i> , 2015 , 15, 10	2.9	44
20	Transcriptional Adaptation of Drug-tolerant Mycobacterium tuberculosis During Treatment of Human Tuberculosis. <i>Journal of Infectious Diseases</i> , 2015 , 212, 990-8	7	58
19	Changing Clinician Behavior When Less Is More. <i>JAMA Internal Medicine</i> , 2015 , 175, 1921-2	11.5	9
18	Investigating Barriers to Tuberculosis Evaluation in Uganda Using Geographic Information Systems. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015 , 93, 733-8	3.2	10
17	Theory-Informed Interventions to Improve the Quality of Tuberculosis Evaluation at Ugandan Health Centers: A Quasi-Experimental Study. <i>PLoS ONE</i> , 2015 , 10, e0132573	3.7	15
16	In vitro immunomodulation for enhancing T cell-based diagnosis of Mycobacterium tuberculosis infection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2015 , 83, 41-5	2.9	
15	A Clinical Predictor Score for 30-Day Mortality among HIV-Infected Adults Hospitalized with Pneumonia in Uganda. <i>PLoS ONE</i> , 2015 , 10, e0126591	3.7	22
14	Assessing the quality of tuberculosis evaluation for children with prolonged cough presenting to routine community health care settings in rural Uganda. <i>PLoS ONE</i> , 2014 , 9, e105935	3.7	6
13	Impact of GeneXpert MTB/RIF assay on triage of respiratory isolation rooms for inpatients with presumed tuberculosis: a hypothetical trial. <i>Clinical Infectious Diseases</i> , 2014 , 59, 1353-60	11.6	35
12	The lung microbiome of Ugandan HIV-infected pneumonia patients is compositionally and functionally distinct from that of San Franciscan patients. <i>PLoS ONE</i> , 2014 , 9, e95726	3.7	46
11	A transcriptional signature for active TB: have we found the needle in the haystack?. <i>PLoS Medicine</i> , 2013 , 10, e1001539	11.6	3
10	Bronchoalveolar lavage enzyme-linked immunospot for diagnosis of smear-negative tuberculosis in HIV-infected patients. <i>PLoS ONE</i> , 2012 , 7, e39838	3.7	16
9	Impact of Xpert MTB/RIF testing on tuberculosis management and outcomes in hospitalized patients in Uganda. <i>PLoS ONE</i> , 2012 , 7, e48599	3.7	59
8	Interferon-gamma release assays for the diagnosis of latent tuberculosis infection in HIV-infected individuals: a systematic review and meta-analysis. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2011 , 56, 230-8	3.1	205

7	Integrated strategies to optimize sputum smear microscopy: a prospective observational study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 547-51	10.2	36
6	Role of interferon-gamma release assays in the diagnosis of pulmonary tuberculosis in patients with advanced HIV infection. <i>BMC Infectious Diseases</i> , 2010 , 10, 75	4	28
5	Clinical characteristics and treatment outcomes of patients with isoniazid-monoresistant tuberculosis. <i>Clinical Infectious Diseases</i> , 2009 , 48, 179-85	11.6	85
4	Sensitivity of direct versus concentrated sputum smear microscopy in HIV-infected patients suspected of having pulmonary tuberculosis. <i>BMC Infectious Diseases</i> , 2009 , 9, 53	4	57
3	Poor performance of universal sample processing method for diagnosis of pulmonary tuberculosis by smear microscopy and culture in Uganda. <i>Journal of Clinical Microbiology</i> , 2008 , 46, 3325-9	9.7	20
2	Detailed analysis of the radiographic presentation of <i>Mycobacterium kansasii</i> lung disease in patients with HIV infection. <i>Chest</i> , 2008 , 133, 875-80	5.3	23
1	Distinguishing recrudescence from reinfection in a longitudinal antimalarial drug efficacy study: comparison of results based on genotyping of <i>m</i> sp-1, <i>m</i> sp-2, and <i>glurp</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2003 , 68, 133-9	3.2	87