

Bruce J Kirenga

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

2,579
citations

236612

25
h-index

243296

44
g-index

122
all docs

122
docs citations

122
times ranked

3488
citing authors

#	ARTICLE	IF	CITATIONS
1	Prednisolone and <i>Mycobacterium indicus pranii</i> in Tuberculous Pericarditis. <i>New England Journal of Medicine</i> , 2014, 371, 1121-1130.	13.9	233
2	Prevalence of chronic obstructive pulmonary disease and associated risk factors in Uganda (FRESH AIR) Tj ETQq0 0.0 r gBT / Overlock 10	2.9	157
3	Variability of Infectious Aerosols Produced during Coughing by Patients with Pulmonary Tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 450-457.	2.5	132
4	Association between Household Air Pollution Exposure and Chronic Obstructive Pulmonary Disease Outcomes in 13 Low- and Middle-Income Country Settings. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 611-620.	2.5	129
5	Early versus delayed initiation of highly active antiretroviral therapy for HIV-positive adults with newly diagnosed pulmonary tuberculosis (TB-HAART): a prospective, international, randomised, placebo-controlled trial. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 563-571.	4.6	91
6	Case Definition of Chronic Pulmonary Aspergillosis in Resource-Constrained Settings. <i>Emerging Infectious Diseases</i> , 2018, 24, .	2.0	89
7	Elucidating Emergence and Transmission of Multidrug-Resistant Tuberculosis in Treatment Experienced Patients by Whole Genome Sequencing. <i>PLoS ONE</i> , 2013, 8, e83012.	1.1	75
8	International research and guidelines on post-tuberculosis chronic lung disorders: a systematic scoping review. <i>BMJ Global Health</i> , 2018, 3, e000745.	2.0	63
9	A pre–post intervention study of pulmonary rehabilitation for adults with post-tuberculosis lung disease in Uganda. <i>International Journal of COPD</i> , 2017, Volume 12, 3533-3539.	0.9	59
10	Tuberculosis risk factors among tuberculosis patients in Kampala, Uganda: implications for tuberculosis control. <i>BMC Public Health</i> , 2015, 15, 13.	1.2	58
11	The State of Ambient Air Quality in Two Ugandan Cities: A Pilot Cross-Sectional Spatial Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 8075-8091.	1.2	51
12	Burden of fungal asthma in Africa: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2019, 14, e0216568.	1.1	43
13	Characteristics and outcomes of admitted patients infected with SARS-CoV-2 in Uganda. <i>BMJ Open Respiratory Research</i> , 2020, 7, e000646.	1.2	42
14	Prevalence of chronic respiratory disease in urban and rural Uganda. <i>Bulletin of the World Health Organization</i> , 2019, 97, 318-327.	1.5	41
15	Impact of chronic respiratory symptoms in a rural area of sub-Saharan Africa: an in-depth qualitative study in the Masindi district of Uganda. <i>Primary Care Respiratory Journal: Journal of the General Practice Airways Group</i> , 2013, 22, 300-305.	2.5	38
16	Access to affordable medicines and diagnostic tests for asthma and COPD in sub Saharan Africa: the Ugandan perspective. <i>BMC Pulmonary Medicine</i> , 2017, 17, 179.	0.8	38
17	Households experiencing catastrophic costs due to tuberculosis in Uganda: magnitude and cost drivers. <i>BMC Public Health</i> , 2020, 20, 1409.	1.2	36
18	Predictors and outcomes of mycobacteremia among HIV-infected smear- negative presumptive tuberculosis patients in Uganda. <i>BMC Infectious Diseases</i> , 2015, 15, 62.	1.3	35

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19	Evaluation of Cepheid's Xpert MTB/RIF Test on Pleural Fluid in the Diagnosis of Pleural Tuberculosis in a High Prevalence HIV/TB Setting. <i>PLoS ONE</i> , 2014, 9, e102702.	1.1	33
20	Availability and affordability of medicines and diagnostic tests recommended for management of asthma and chronic obstructive pulmonary disease in sub-Saharan Africa: a systematic review. <i>Allergy, Asthma and Clinical Immunology</i> , 2019, 15, 14.	0.9	33
21	COVID-19 vaccine acceptance among high-risk populations in Uganda. <i>Therapeutic Advances in Infectious Disease</i> , 2021, 8, 204993612110243.	1.1	33
22	Discriminative Accuracy of Chronic Obstructive Pulmonary Disease Screening Instruments in 3 Low- and Middle-Income Country Settings. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 151.	3.8	31
23	Rationale and design of the Investigation of the Management of Pericarditis (IMPI) trial: A 2 Å– 2 factorial randomized double-blind multicenter trial of adjunctive prednisolone and Mycobacterium w immunotherapy in tuberculous pericarditis. <i>American Heart Journal</i> , 2013, 165, 109-115.e3.	1.2	30
24	The socioeconomic burden of chronic lung disease in low-resource settings across the globe – an observational FRESH AIR study. <i>Respiratory Research</i> , 2019, 20, 291.	1.4	30
25	Efficacy of convalescent plasma for treatment of COVID-19 in Uganda. <i>BMJ Open Respiratory Research</i> , 2021, 8, e001017.	1.2	30
26	Exercise and pulmonary rehabilitation for people with chronic lung disease in LMICs: challenges and opportunities. <i>Lancet Respiratory Medicine</i> , 2019, 7, 1002-1004.	5.2	29
27	Geographic differences in the prevalence of hypertension in Uganda: Results of a national epidemiological study. <i>PLoS ONE</i> , 2018, 13, e0201001.	1.1	28
28	Algorithm-aided diagnosis of chronic pulmonary aspergillosis in low- and middle-income countries by use of a lateral flow device. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 1-3.	1.3	28
29	Challenges in the Implementation of Chronic Obstructive Pulmonary Disease Guidelines in Low- and Middle-Income Countries: An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1269-1277.	1.5	27
30	Infection Control Knowledge, Attitudes, and Practices among Healthcare Workers at Mulago Hospital, Kampala, Uganda. <i>Infection Control and Hospital Epidemiology</i> , 2012, 33, 917-923.	1.0	26
31	Clinical Predictors and Accuracy of Empiric Tuberculosis Treatment among Sputum Smear-Negative HIV-Infected Adult TB Suspects in Uganda. <i>PLoS ONE</i> , 2013, 8, e74023.	1.1	26
32	Socio-economic factors, gender and smoking as determinants of COPD in a low-income country of sub-Saharan Africa: FRESH AIR Uganda. <i>Npj Primary Care Respiratory Medicine</i> , 2016, 26, 16050.	1.1	26
33	Effectiveness-implementation of COPD case finding and self-management action plans in low- and middle-income countries: global excellence in COPD outcomes (GECO) study protocol. <i>Trials</i> , 2018, 19, 571.	0.7	26
34	Low Body Mass Index Is Associated with Higher Odds of COPD and Lower Lung Function in Low- and Middle-Income Countries. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2019, 16, 58-65.	0.7	26
35	Treatment Outcomes of New Tuberculosis Patients Hospitalized in Kampala, Uganda: A Prospective Cohort Study. <i>PLoS ONE</i> , 2014, 9, e90614.	1.1	24
36	Effects and acceptability of implementing improved cookstoves and heaters to reduce household air pollution: a FRESH AIR study. <i>Npj Primary Care Respiratory Medicine</i> , 2019, 29, 32.	1.1	24

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37	Asthma and Allergic Disorders in Uganda: A Population-Based Study Across Urban and Rural Settings. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1580-1587.e2.	2.0	23
38	Rates of asthma exacerbations and mortality and associated factors in Uganda: a 2-year prospective cohort study. <i>Thorax</i> , 2018, 73, 983-985.	2.7	23
39	Prevalence and factors associated with asthma among adolescents and adults in Uganda: a general population based survey. <i>BMC Public Health</i> , 2019, 19, 227.	1.2	21
40	Chronic Obstructive Pulmonary Disease Prevalence and Associated Factors in a Setting of Well-Controlled HIV, A Cross-Sectional Study. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2020, 17, 297-305.	0.7	21
41	Investigating the Association between Wood and Charcoal Domestic Cooking, Respiratory Symptoms and Acute Respiratory Infections among Children Aged Under 5 Years in Uganda: A Cross-Sectional Analysis of the 2016 Demographic and Health Survey. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3974.	1.2	21
42	Does pulmonary rehabilitation alter patients’ experiences of living with chronic respiratory disease? A qualitative study. <i>International Journal of COPD</i> , 2018, Volume 13, 2375-2385.	0.9	18
43	Effectiveness of interventions to reduce household air pollution from solid biomass fuels and improve maternal and child health outcomes in low- and middle-income countries: a systematic review protocol. <i>Systematic Reviews</i> , 2021, 10, 33.	2.5	18
44	Urban-Rural Disparities in Chronic Obstructive Pulmonary Disease Management and Access in Uganda. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019, 6, 17-28.	0.5	18
45	Strategies for the prevention, diagnosis and treatment of COPD in low- and middle- income countries: the importance of primary care. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 1563-1577.	1.0	17
46	Cough Aerosol Cultures of Mycobacterium tuberculosis: Insights on TST / IGRAs Discordance and Transmission Dynamics. <i>PLoS ONE</i> , 2015, 10, e0138358.	1.1	16
47	Global RECHARGE: Establishing a standard international data set for pulmonary rehabilitation in low- and middle-income countries. <i>Journal of Global Health</i> , 2020, 10, 020316.	1.2	14
48	Implementing lung health interventions in low- and middle-income countries: a FRESH AIR systematic review and meta-synthesis. <i>European Respiratory Journal</i> , 2020, 56, 2000127.	3.1	14
49	Misdiagnosis of chronic pulmonary aspergillosis as pulmonary tuberculosis at a tertiary care center in Uganda: a case series. <i>Journal of Medical Case Reports</i> , 2021, 15, 140.	0.4	14
50	Excess COVID-19 mortality among critically ill patients in Africa. <i>Lancet, The</i> , 2021, 397, 1860-1861.	6.3	14
51	Guidance on the diagnosis and management of asthma among adults in resource limited settings. <i>African Health Sciences</i> , 2016, 15, 1189.	0.3	13
52	The impact of HIV on the prevalence of asthma in Uganda: a general population survey. <i>Respiratory Research</i> , 2018, 19, 184.	1.4	13
53	Tuberculin skin test conversion among HIV patients on antiretroviral therapy in Uganda. <i>International Journal of Tuberculosis and Lung Disease</i> , 2013, 17, 336-341.	0.6	12
54	<p>A Novel Case-Finding Instrument for Chronic Obstructive Pulmonary Disease in Low- and Middle-Income Country Settings</p>. <i>International Journal of COPD</i> , 2020, Volume 15, 2769-2777.	0.9	12

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55	Letâ€™s stop dumping cookstoves in local communities. Itâ€™s time to get implementation right. <i>Npj Primary Care Respiratory Medicine</i> , 2020, 30, 3.	1.1	12
56	Risk factors for asthma exacerbation in patients presenting to an emergency unit of a national referral hospital in Kampala, Uganda.. <i>African Health Sciences</i> , 2014, 14, 707.	0.3	11
57	Comparison of GeneXpert cycle threshold values with smear microscopy and culture as a measure of mycobacterial burden in five regional referral hospitals of Uganda- A cross-sectional study. <i>PLoS ONE</i> , 2019, 14, e0216901.	1.1	11
58	Predictors for MTB Culture-Positivity among HIV-Infected Smear-Negative Presumptive Tuberculosis Patients in Uganda: Application of New Tuberculosis Diagnostic Technology. <i>PLoS ONE</i> , 2015, 10, e0133756.	1.1	11
59	Facilitators and barriers to the implementation of improved solid fuel cookstoves and clean fuels in low-income and middle-income countries: an umbrella review. <i>Lancet Planetary Health</i> , The, 2022, 6, e601-e612.	5.1	11
60	Patient satisfaction with TB care clinical consultations in Kampala: a cross sectional study. <i>African Health Sciences</i> , 2017, 16, 1101.	0.3	10
61	The complications of treating chronic obstructive pulmonary disease in low income countries of sub-Saharan Africa. <i>Expert Review of Respiratory Medicine</i> , 2018, 12, 227-237.	1.0	10
62	Validation of the Saint Georgeâ€™s Respiratory Questionnaire in Uganda. <i>BMJ Open Respiratory Research</i> , 2018, 5, e000276.	1.2	10
63	Household Air Pollution Is Associated with Chronic Cough but Not Hemoptysis after Completion of Pulmonary Tuberculosis Treatment in Adults, Rural Eastern Democratic Republic of Congo. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2563.	1.2	10
64	Phenotypic characteristics and asthma severity in an East African cohort of adults and adolescents with asthma: findings from the African severe asthma project. <i>BMJ Open Respiratory Research</i> , 2020, 7, e000484.	1.2	10
65	Fungal asthma among Ugandan adult asthmatics. <i>Medical Mycology</i> , 2021, 59, 923-933.	0.3	10
66	Chronic obstructive pulmonary disease prevalence and associated factors in an urban HIV clinic in a low income country. <i>PLoS ONE</i> , 2021, 16, e0256121.	1.1	10
67	Skin prick reactivity among asthmatics in East Africa. <i>World Allergy Organization Journal</i> , 2020, 13, 100130.	1.6	9
68	Singing for Breathing Uganda: Group singing for people with chronic lung disease in Kampala. <i>Journal of Applied Arts and Health</i> , 2019, 10, 219-228.	0.2	9
69	Evaluation of an Aspergillus IgG/IgM lateral flow assay for serodiagnosis of fungal asthma in Uganda. <i>PLoS ONE</i> , 2021, 16, e0252553.	1.1	8
70	Feasibility of collecting and processing of COVID-19 convalescent plasma for treatment of COVID-19 in Uganda. <i>PLoS ONE</i> , 2021, 16, e0252306.	1.1	8
71	Biobanking: Strengthening Uganda's Rapid Response to COVID-19 and Other Epidemics. <i>Biopreservation and Biobanking</i> , 2022, 20, 238-243.	0.5	8
72	Gaps related to screening and diagnosis of tuberculosis in care cascade in selected health facilities in East Africa countries: A retrospective study. <i>Journal of Clinical Tuberculosis and Other Mycobacterial Diseases</i> , 2021, 25, 100278.	0.6	8

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73	Previous tuberculosis disease as a risk factor for chronic obstructive pulmonary disease: a cross-sectional analysis of multicountry, population-based studies. <i>Thorax</i> , 2022, 77, 1088-1097.	2.7	8
74	Feasibility and acceptability of a midwife-led health education strategy to reduce exposure to biomass smoke among pregnant women in Uganda, A FRESH AIR project. <i>Global Public Health</i> , 2019, 14, 1770-1783.	1.0	7
75	Training needs for Ugandan primary care health workers in management of respiratory diseases: a cross sectional survey. <i>BMC Health Services Research</i> , 2020, 20, 402.	0.9	7
76	Latent Tuberculosis Infection Status of Pregnant Women in Uganda Determined Using QuantiFERON TB Gold-Plus. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab241.	0.4	7
77	Music and dance in respiratory disease management in Uganda: a qualitative study of patient and healthcare professional perspectives. <i>BMJ Open</i> , 2021, 11, e053189.	0.8	7
78	The rural Uganda non-communicable disease (RUNCD) study: prevalence and risk factors of self-reported NCDs from a cross sectional survey. <i>BMC Public Health</i> , 2021, 21, 2036.	1.2	7
79	Mapping low-resource contexts to prepare for lung health interventions in four countries (FRESH) Tj ETQq1 1 0.784314 rgBT /Overl	2.9	7
80	A 4-year survey of the spectrum of renal disease at a National Referral Hospital Outpatient Clinic in Uganda. <i>Kidney International</i> , 2015, 87, 663.	2.6	6
81	Electric scooters: batteries in the battle against ambient air pollution?. <i>Lancet Planetary Health</i> , The, 2017, 1, e168-e169.	5.1	6
82	Lung Function of Children at Three Sites of Varying Ambient Air Pollution Levels in Uganda: A Cross Sectional Comparative Study. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2653.	1.2	6
83	Health seeking behavior among individuals presenting with chronic cough at referral hospitals in Uganda; Missed opportunity for early tuberculosis diagnosis. <i>PLoS ONE</i> , 2019, 14, e0217900.	1.1	6
84	Chronic Respiratory Symptoms and Lung Abnormalities Among People With a History of Tuberculosis in Uganda: A National Survey. <i>Clinical Infectious Diseases</i> , 2019, 68, 1919-1925.	2.9	6
85	Association between Blood Pressure and HIV Status in Rural Uganda: Results of Cross-Sectional Analysis. <i>Global Heart</i> , 2021, 16, 12.	0.9	6
86	Study protocol for a randomised controlled trial assessing the impact of pulmonary rehabilitation on maximal exercise capacity for adults living with post-TB lung disease: Global RECHARGE Uganda. <i>BMJ Open</i> , 2021, 11, e047641.	0.8	6
87	Illness representations of chronic obstructive pulmonary disease (COPD) to inform health education strategies and research design—learning from rural Uganda. <i>Health Education Research</i> , 2020, 35, 258-269.	1.0	5
88	Prevalence of Tuberculosis Risk Factors among Bacteriologically Negative and Bacteriologically Confirmed Tuberculosis Patients from Five Regional Referral Hospitals in Uganda. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 386-391.	0.6	5
89	Cor pulmonale complicating chronic pulmonary aspergillosis with fatal consequences: Experience from Uganda. <i>Medical Mycology Case Reports</i> , 2019, 25, 22-24.	0.7	4
90	Lack of an Association Between Household Air Pollution Exposure and Previous Pulmonary Tuberculosis. <i>Lung</i> , 2019, 197, 793-801.	1.4	4

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91	Effectiveness of low-dose theophylline for the management of biomass-associated COPD (LODOT-BCOPD): study protocol for a randomized controlled trial. <i>Trials</i> , 2021, 22, 213.	0.7	4
92	Accuracy and Incremental Yield of the Chest X-Ray in Screening for Tuberculosis in Uganda: A Cross-Sectional Study. <i>Tuberculosis Research and Treatment</i> , 2021, 2021, 1-6.	0.2	4
93	Accuracy of different Xpert MTB/Rif implementation strategies in programmatic settings at the regional referral hospitals in Uganda: Evidence for country wide roll out. <i>PLoS ONE</i> , 2018, 13, e0194741.	1.1	4
94	Incidence and predictors of COPD mortality in Uganda: A 2-year prospective cohort study. <i>PLoS ONE</i> , 2021, 16, e0246850.	1.1	3
95	A Pilot Program Assessing Bronchoscopy Training and Program Initiation in a Low-income Country. <i>Journal of Bronchology and Interventional Pulmonology</i> , 2021, 28, 138-142.	0.8	3
96	Safety and efficacy of hydroxychloroquine for treatment of non-severe COVID-19 among adults in Uganda: a randomized open label phase II clinical trial. <i>BMC Infectious Diseases</i> , 2021, 21, 1218.	1.3	3
97	Incidence of tuberculosis among PLHIV on antiretroviral therapy who initiated isoniazid preventive therapy: A multi-center retrospective cohort study. <i>PLoS ONE</i> , 2022, 17, e0266285.	1.1	3
98	Factors critical to implementation success of cleaner cooking interventions in low-income and middle-income countries: protocol for an umbrella review. <i>BMJ Open</i> , 2020, 10, e041821.	0.8	2
99	Health Workers's™ Practices in Assessment and Management of Children with Respiratory Symptoms in Primary Care Facilities in Uganda: A FRESH AIR Descriptive Study. <i>Journal of Tropical Pediatrics</i> , 2021, 67, .	0.7	2
100	Prevalence of <i>Aspergillus fumigatus</i> skin positivity in adults without an apparent/known atopic disease in Uganda. <i>Therapeutic Advances in Infectious Disease</i> , 2021, 8, 204993612110390.	1.1	2
101	A development study of pulmonary rehabilitation for patients with chronic lung disease in Uganda. , 2016, , .		2
102	Destructive rib lesions in an HIV sero-negative male: an unusual presentation of tuberculosis in a high tuberculosis prevalence setting. <i>Tropical Doctor</i> , 2012, 42, 217-218.	0.2	1
103	A woman with breathlessness: a practical approach to diagnosis and management. <i>Primary Care Respiratory Journal: Journal of the General Practice Airways Group</i> , 2013, 22, 468-476.	2.5	1
104	TB-HAART trial – Authors' reply. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 15-16.	4.6	1
105	The role of epigenetics in respiratory health in urban populations in low and middle-income countries. <i>Global Health, Epidemiology and Genomics</i> , 2019, 4, e8.	0.2	1
106	Discordance of the Repeat GeneXpert MTB/RIF Test for Rifampicin Resistance Detection Among Patients Initiating MDR-TB Treatment in Uganda. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab173.	0.4	1
107	A qualitative study on the development of pulmonary rehabilitation for patients with chronic lung disease in Kampala, Uganda. , 2016, , .		1
108	Perceptions of Adolescents and Health Workers Towards Adolescents's™ TB Diagnosis in Central Uganda: A Cross-Sectional Qualitative Study. <i>Risk Management and Healthcare Policy</i> , 2021, Volume 14, 4823-4832.	1.2	1

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109	Advances in the Diagnosis, Treatment and Control of HIV Associated Tuberculosis. African Journal of Infectious Diseases, 2012, 6, 29-40.	0.5	0
110	Adoption of evidence-informed guidelines in prescribing protease inhibitors for HIV-Tuberculosis co-infected patients on rifampicin and effects on HIV treatment outcomes in Uganda. BMC Infectious Diseases, 2021, 21, 822.	1.3	0
111	Quality of Sputum Specimen Samples Submitted for Culture and Drug Susceptibility Testing at the National Tuberculosis Reference Laboratory-Uganda, July-October 2013. Journal of Tuberculosis Research, 2015, 03, 97-106.	0.1	0
112	Rifampicin susceptibility discordance between Xpert MTB/RIF G4 and Xpert Ultra before MDRT-TB treatment initiation: A case report from Uganda. Journal of Clinical Tuberculosis and Other Mycobacterial Diseases, 2021, 25, 100286.	0.6	0
113	Smell and Taste Symptoms Among Patients With Mild and Moderately Severe COVID-19 Infection in Uganda. OTO Open, 2022, 6, .	0.6	0