

Catherine Kyobutungi

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

5,744
citations

94433

37
h-index

88630

70
g-index

122
all docs

122
docs citations

122
times ranked

9180
citing authors

#	ARTICLE	IF	CITATIONS
1	Inequalities in non-communicable diseases and effective responses. <i>Lancet, The</i> , 2013, 381, 585-597.	13.7	508
2	Enabling the genomic revolution in Africa. <i>Science</i> , 2014, 344, 1346-1348.	12.6	361
3	Countdown to 2030: tracking progress towards universal coverage for reproductive, maternal, newborn, and child health. <i>Lancet, The</i> , 2018, 391, 1538-1548.	13.7	309
4	Global burden of respiratory infections associated with seasonal influenza in children under 5 years in 2018: a systematic review and modelling study. <i>The Lancet Global Health</i> , 2020, 8, e497-e510.	6.3	235
5	Impact of the societal response to COVID-19 on access to healthcare for non-COVID-19 health issues in slum communities of Bangladesh, Kenya, Nigeria and Pakistan: results of pre-COVID and COVID-19 lockdown stakeholder engagements. <i>BMJ Global Health</i> , 2020, 5, e003042.	4.7	215
6	Trends in obesity and diabetes across Africa from 1980 to 2014: an analysis of pooled population-based studies. <i>International Journal of Epidemiology</i> , 2017, 46, 1421-1432.	1.9	197
7	Patterns and determinants of breastfeeding and complementary feeding practices in urban informal settlements, Nairobi Kenya. <i>BMC Public Health</i> , 2011, 11, 396.	2.9	184
8	The burden of disease profile of residents of Nairobi's slums: Results from a Demographic Surveillance System. <i>Population Health Metrics</i> , 2008, 6, 1.	2.7	167
9	Evidence of a Double Burden of Malnutrition in Urban Poor Settings in Nairobi, Kenya. <i>PLoS ONE</i> , 2015, 10, e0129943.	2.5	150
10	Ageing and adult health status in eight lower-income countries: the INDEPTH WHO-SAGE collaboration. <i>Global Health Action</i> , 2010, 3, 5302.	1.9	127
11	Health and health-related indicators in slum, rural, and urban communities: a comparative analysis. <i>Global Health Action</i> , 2016, 9, 33163.	1.9	127
12	Status report on hypertension in Africa - Consultative review for the 6th Session of the African Union Conference of Ministers of Health on NCDs. <i>Pan African Medical Journal</i> , 2013, 16, 38.	0.8	119
13	Factors affecting actualisation of the WHO breastfeeding recommendations in urban poor settings in Kenya. <i>Maternal and Child Nutrition</i> , 2015, 11, 314-332.	3.0	107
14	Regional and Sex Differences in the Prevalence and Awareness of Hypertension: An H3Africa AWI-Gen Study Across 6 Sites in Sub-Saharan Africa. <i>Global Heart</i> , 2017, 12, 81.	2.3	105
15	Community Perceptions of Air Pollution and Related Health Risks in Nairobi Slums. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 4851-4868.	2.6	97
16	Prevalence, awareness, treatment and control of hypertension among slum dwellers in Nairobi, Kenya. <i>Journal of Hypertension</i> , 2013, 31, 1018-1024.	0.5	91
17	Maternal mortality in the informal settlements of Nairobi city: what do we know?. <i>Reproductive Health</i> , 2009, 6, 6.	3.1	89
18	Genomic and environmental risk factors for cardiometabolic diseases in Africa: methods used for Phase 1 of the AWI-Gen population cross-sectional study. <i>Global Health Action</i> , 2018, 11, 1507133.	1.9	82

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19	Cause-specific mortality in Africa and Asia: evidence from INDEPTH health and demographic surveillance system sites. <i>Global Health Action</i> , 2014, 7, 25362.	1.9	81
20	Time-series analysis of weather and mortality patterns in Nairobi's informal settlements. <i>Global Health Action</i> , 2012, 5, 19065.	1.9	77
21	Overweight, Obesity, and Perception of Body Image Among Slum Residents in Nairobi, Kenya, 2008–2009. <i>Preventing Chronic Disease</i> , 2013, 10, E212.	3.4	76
22	Absolute Temperature, Temperature Changes and Stroke Risk: A Case-Crossover Study. <i>European Journal of Epidemiology</i> , 2005, 20, 693-698.	5.7	74
23	Prevalence, awareness, treatment and control of hypertension and their determinants: results from a national survey in Kenya. <i>BMC Public Health</i> , 2018, 18, 1219.	2.9	66
24	Verbal autopsy interpretation: a comparative analysis of the InterVA model versus physician review in determining causes of death in the Nairobi DSS. <i>Population Health Metrics</i> , 2010, 8, 21.	2.7	65
25	Prevalence and factors associated with pre-diabetes and diabetes mellitus in Kenya: results from a national survey. <i>BMC Public Health</i> , 2018, 18, 1215.	2.9	63
26	How we classify countries and people—and why it matters. <i>BMJ Global Health</i> , 2022, 7, e009704.	4.7	62
27	Because space matters: conceptual framework to help distinguish slum from non-slum urban areas. <i>BMJ Global Health</i> , 2019, 4, e001267.	4.7	60
28	Increase in facility-based deliveries associated with a maternal health voucher programme in informal settlements in Nairobi, Kenya. <i>Health Policy and Planning</i> , 2013, 28, 134-142.	2.7	58
29	Determinants for participation in a public health insurance program among residents of urban slums in Nairobi, Kenya: results from a cross-sectional survey. <i>BMC Health Services Research</i> , 2012, 12, 66.	2.2	53
30	All-cause and Cardiovascular mortality among ethnic German immigrants from the Former Soviet Union: a cohort study. <i>BMC Public Health</i> , 2006, 6, 16.	2.9	50
31	Self-help: What future role in health care for low and middle-income countries?. <i>International Journal for Equity in Health</i> , 2004, 3, 1.	3.5	49
32	Adult non-communicable disease mortality in Africa and Asia: evidence from INDEPTH Health and Demographic Surveillance System sites. <i>Global Health Action</i> , 2014, 7, 25365.	1.9	45
33	Measuring exposure levels of inhalable airborne particles (PM 2.5) in two socially deprived areas of Nairobi, Kenya. <i>Environmental Research</i> , 2016, 148, 500-506.	7.5	43
34	Data Resource Profile: Network for Analysing Longitudinal Population-based HIV/AIDS data on Africa (ALPHA Network). <i>International Journal of Epidemiology</i> , 2016, 45, 83-93.	1.9	41
35	The health and well-being of older people in Nairobi's slums. <i>Global Health Action</i> , 2010, 3, 2138.	1.9	40
36	Effectiveness of personalised, home-based nutritional counselling on infant feeding practices, morbidity and nutritional outcomes among infants in Nairobi slums: study protocol for a cluster randomised controlled trial. <i>Trials</i> , 2013, 14, 445.	1.6	40

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37	The magnitude of diabetes and its association with obesity in the slums of Nairobi, Kenya: results from a cross-sectional survey. <i>Tropical Medicine and International Health</i> , 2013, 18, 1520-1530.	2.3	40
38	HIV/AIDS-related mortality in Africa and Asia: evidence from INDEPTH health and demographic surveillance system sites. <i>Global Health Action</i> , 2014, 7, 25370.	1.9	40
39	Co-occurrence of behavioral risk factors of common non-communicable diseases among urban slum dwellers in Nairobi, Kenya. <i>Global Health Action</i> , 2015, 8, 28697.	1.9	40
40	Seasonal Pattern of Pneumonia Mortality among Under-Five Children in Nairobi's Informal Settlements. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 81, 770-775.	1.4	38
41	Trends in Causes of Adult Deaths among the Urban Poor: Evidence from Nairobi Urban Health and Demographic Surveillance System, 2003-2012. <i>Journal of Urban Health</i> , 2015, 92, 422-445.	3.6	37
42	Regional and sex-specific variation in BMI distribution in four sub-Saharan African countries: The H3Africa AWI-Gen study. <i>Global Health Action</i> , 2018, 11, 1556561.	1.9	37
43	The evolution of non-communicable diseases policies in post-apartheid South Africa. <i>BMC Public Health</i> , 2018, 18, 956.	2.9	37
44	Temperature Variation and Heat Wave and Cold Spell Impacts on Years of Life Lost Among the Urban Poor Population of Nairobi, Kenya. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 2735-2748.	2.6	35
45	Malaria is a cause of iron deficiency in African children. <i>Nature Medicine</i> , 2021, 27, 653-658.	30.7	35
46	Malaria mortality in Africa and Asia: evidence from INDEPTH health and demographic surveillance system sites. <i>Global Health Action</i> , 2014, 7, 25369.	1.9	34
47	Analysis of Non-communicable disease prevention policies in five Sub-Saharan African countries: Study protocol. <i>Archives of Public Health</i> , 2016, 74, 25.	2.4	34
48	HIV/AIDS and the health of older people in the slums of Nairobi, Kenya: results from a cross sectional survey. <i>BMC Public Health</i> , 2009, 9, 153.	2.9	33
49	Fatal Injuries in the Slums of Nairobi and their Risk Factors: Results from a Matched Case-Control Study. <i>Journal of Urban Health</i> , 2011, 88, 256-265.	3.6	32
50	Local scale prediction of <i>Plasmodium falciparum</i> malaria transmission in an endemic region using temperature and rainfall. <i>Global Health Action</i> , 2009, 2, 1923.	1.9	31
51	The role of a decision-support smartphone application in enhancing community health volunteers' effectiveness to improve maternal and newborn outcomes in Nairobi, Kenya: quasi-experimental research protocol. <i>BMJ Open</i> , 2017, 7, e014896.	1.9	29
52	Mortality from external causes among ethnic German immigrants from former Soviet Union countries, in Germany. <i>European Journal of Public Health</i> , 2006, 16, 376-382.	0.3	28
53	Micro-epidemiology of <i>Plasmodium falciparum</i> malaria: Is there any difference in transmission risk between neighbouring villages?. <i>Malaria Journal</i> , 2007, 6, 46.	2.3	27
54	Understanding of and perceptions towards cardiovascular diseases and their risk factors: a qualitative study among residents of urban informal settings in Nairobi. <i>BMJ Open</i> , 2019, 9, e026852.	1.9	26

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55	Challenges of health programmes in slums. <i>Lancet, The</i> , 2015, 386, 2114-2116.	13.7	25
56	Effectiveness of home-based nutritional counselling and support on exclusive breastfeeding in urban poor settings in Nairobi: a cluster randomized controlled trial. <i>Globalization and Health</i> , 2017, 13, 90.	4.9	25
57	Correlates of the double burden of malnutrition among women: an analysis of cross sectional survey data from sub-Saharan Africa. <i>BMJ Open</i> , 2019, 9, e029545.	1.9	25
58	Stomach cancer mortality in two large cohorts of migrants from the Former Soviet Union to Israel and Germany: are there implications for prevention?. <i>European Journal of Gastroenterology and Hepatology</i> , 2009, 21, 409-416.	1.6	23
59	Outcomes and costs of implementing a community-based intervention for hypertension in an urban slum in Kenya. <i>Bulletin of the World Health Organization</i> , 2016, 94, 501-509.	3.3	23
60	Impact evaluation of a community-based intervention for prevention of cardiovascular diseases in the slums of Nairobi: the SCALE-UP study. <i>Global Health Action</i> , 2016, 9, 30922.	1.9	22
61	Ethnicity and Delay in Measles Vaccination in a Nairobi Slum. <i>Tropical Medicine and Health</i> , 2012, 40, 59-62.	2.8	21
62	Profile of people with hypertension in Nairobi's slums: a descriptive study. <i>Globalization and Health</i> , 2015, 11, 26.	4.9	21
63	Analysis of OpenStreetMap Data Quality at Different Stages of a Participatory Mapping Process: Evidence from Slums in Africa and Asia. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 265.	2.9	21
64	A community-based intervention for primary prevention of cardiovascular diseases in the slums of Nairobi: the SCALE UP study protocol for a prospective quasi-experimental community-based trial. <i>Trials</i> , 2013, 14, 409.	1.6	20
65	Classical Cardiovascular Risk Factors and HIV are Associated With Carotid Intima-Media Thickness in Adults From Sub-Saharan Africa: Findings From H3Africa AWI-Gen Study. <i>Journal of the American Heart Association</i> , 2019, 8, e011506.	3.7	20
66	Strengthening health system governance using health facility service charters: a mixed methods assessment of community experiences and perceptions in a district in Kenya. <i>BMC Health Services Research</i> , 2015, 15, 539.	2.2	19
67	Exposure to Outdoor Particles (PM2.5) and Associated Child Morbidity and Mortality in Socially Deprived Neighborhoods of Nairobi, Kenya. <i>Atmosphere</i> , 2018, 9, 351.	2.3	19
68	Sociodemographic and behavioural factors associated with body mass index among men and women in Nairobi slums: AWI-Gen Project. <i>Global Health Action</i> , 2018, 11, 1470738.	1.9	19
69	Effect of Previous Exposure to Malaria on Blood Pressure in Kilifi, Kenya: A Mendelian Randomization Study. <i>Journal of the American Heart Association</i> , 2019, 8, e011771.	3.7	19
70	Large-scale, Population-based Epidemiological Studies with Record Linkage can be done in Germany. <i>European Journal of Epidemiology</i> , 2004, 19, 1073-1074.	5.7	18
71	HIV mortality in urban slums of Nairobi, Kenya 2003-2010: a period effect analysis. <i>BMC Public Health</i> , 2013, 13, 588.	2.9	18
72	Introducing a model of cardiovascular prevention in Nairobi's slums by integrating a public health and private-sector approach: the SCALE-UP study. <i>Global Health Action</i> , 2013, 6, 22510.	1.9	18

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73	Measurement of overweight and obesity an urban slum setting in sub-Saharan Africa: a comparison of four anthropometric indices. <i>BMC Obesity</i> , 2016, 3, 46.	3.1	18
74	Challenges and prospects for implementation of community health volunteersâ€™ digital health solutions in Kenya: a qualitative study. <i>BMC Health Services Research</i> , 2020, 20, 888.	2.2	18
75	Reproductive Health Voucher Program and Facility Based Delivery in Informal Settlements in Nairobi: A Longitudinal Analysis. <i>PLoS ONE</i> , 2013, 8, e80582.	2.5	17
76	The Affordable Medicines Facility-malaria (AMFm): are remote areas benefiting from the intervention?. <i>Malaria Journal</i> , 2015, 14, 398.	2.3	17
77	From policy to practice: exploring the implementation of antiretroviral therapy access and retention policies between 2013 and 2016 in six sub-Saharan African countries. <i>BMC Health Services Research</i> , 2017, 17, 758.	2.2	17
78	A comparison of all-cause and cause-specific mortality by household socioeconomic status across seven INDEPTH network health and demographic surveillance systems in sub-Saharan Africa. <i>Global Health Action</i> , 2019, 12, 1608013.	1.9	17
79	Physical access to health facilities and contraceptive use in Kenya: evidence from the 2008-2009 Kenya Demographic and Health Survey. <i>African Journal of Reproductive Health</i> , 2012, 16, 48-56.	1.1	17
80	Mortality from cancer among ethnic German immigrants from the Former Soviet Union, in Germany. <i>European Journal of Cancer</i> , 2006, 42, 2577-2584.	2.8	16
81	Effects of residential changes and time patterns on external-cause mortality in migrants: Results of a German cohort study. <i>Scandinavian Journal of Public Health</i> , 2008, 36, 524-531.	2.3	16
82	The effect of enhanced publicâ€“private partnerships on Maternal, Newborn and child Health Services and outcomes in Nairobiâ€“Kenya: the PAMANECH quasi-experimental research protocol. <i>BMJ Open</i> , 2014, 4, e006608.	1.9	16
83	Influence of the WHO framework convention on tobacco control on tobacco legislation and policies in sub-Saharan Africa. <i>BMC Public Health</i> , 2018, 18, 954.	2.9	16
84	Magnitude and predictors of normal-weight central obesityâ€“ the AWI-Gen study findings. <i>Global Health Action</i> , 2019, 12, 1685809.	1.9	16
85	The Outbreak and Control of Ebola Viral Haemorrhagic Fever in a Ugandan Medical School. <i>Tropical Doctor</i> , 2002, 32, 10-15.	0.5	15
86	Results of a hypertension and diabetes treatment program in the slums of Nairobi: a retrospective cohort study. <i>BMC Health Services Research</i> , 2015, 15, 512.	2.2	15
87	Trends in non-communicable disease mortality among adult residents in Nairobi's slums, 2003â€“2011: applying InterVA-4 to verbal autopsy data. <i>Global Health Action</i> , 2014, 7, 25533.	1.9	14
88	Blood Pressure and Arterial Stiffness in Kenyan Adolescents With the Sickle Cell Trait. <i>American Journal of Epidemiology</i> , 2018, 187, 199-205.	3.4	14
89	Does Socioeconomic Inequality in Health Persist among Older People Living in Resource-Poor Urban Slums?. <i>Journal of Urban Health</i> , 2011, 88, 381-400.	3.6	13
90	Analysis of Patterns of Physical Activity and Sedentary Behavior in an Urban Slum Setting in Nairobi, Kenya. <i>Journal of Physical Activity and Health</i> , 2016, 13, 830-837.	2.0	12

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109	Perspectives on returning individual and aggregate genomic research results to study participants and communities in Kenya: a qualitative study. BMC Medical Ethics, 2022, 23, 27.	2.4	3
110	Feasibility assessment of invigorating grassroots primary healthcare for prevention and management of cardiometabolic diseases in resource-limited settings in China, Kenya, Nepal, Vietnam (the FAITH) Tj ETQq0 0 0 rgg /Overlap 10 Tf 5	0.2	0
111	Adiposity Phenotypes and Subclinical Atherosclerosis in Adults from Sub-Saharan Africa: An H3Africa AWI-Gen Study. Global Heart, 2021, 16, 19.	2.3	2
112	The connection between non-communicable disease risk factors and risk perception among urban slum dwellers in Nairobi, Kenya. Etude De La Population Africaine, 2016, 30, .	0.2	2
113	Use of Private and Public Health Facilities for essential Maternal and Child Health Services in Nairobi City informal settlements: Perspectives of Women and Community Health Volunteers. Etude De La Population Africaine, 2016, 30, .	0.2	2
114	Optimizing breast cancer diagnosis in Kenya: Importance of standardization of technical methodologies for comparative breast cancer data.. Journal of Clinical Oncology, 2012, 30, 139-139.	1.6	1
115	Prevention of cardiovascular diseases in Nairobi slums: a cost-effectiveness study. Lancet, The, 2014, 384, S12.	13.7	0
116	Trends and risk factors for non-communicable diseases mortality in Nairobi slums (2008-2017). Global Epidemiology, 2021, 3, 100049.	1.5	0
117	Challenges and Opportunities for promoting Maternal, New born, and Child Health in urban informal settlements: perspectives of Community Health Volunteers in Nairobi, Kenya. Etude De La Population Africaine, 2016, 30, .	0.2	0