Samuel O M Manda

List of Publications by Year
in descending order

111 papers	1,714 citations	304368 22 h-index	377514 34 g-index
123 all docs	123 docs citations	123 times ranked	2414 citing authors

#	Article	IF	Citations
1	Birth intervals, breastfeeding and determinants of childhood mortality in Malawi. Social Science and Medicine, 1999, 48, 301-312.	1.8	94
2	Relation of left ventricular sphericity to 10-year survival after acute myocardial infarction. American Journal of Cardiology, 2004, 94, 1270-1275.	0.7	71
3	Determinants of loss to follow-up in patients on antiretroviral treatment, South Africa, 2004–2012: a cohort study. BMC Health Services Research, 2015, 15, 259.	0.9	70
4	Investigating Child Mortality in Malawi Using Family and Community Random Effects. Journal of the American Statistical Association, 2001, 96, 12-19.	1.8	67
5	Age at first marriage in Malawi: a Bayesian multilevel analysis using a discrete time-to-event model. Journal of the Royal Statistical Society Series A: Statistics in Society, 2005, 168, 439-455.	0.6	56
6	Livelihoods, land use and land cover change in the Zambezi Region, Namibia. Population and Environment, 2015, 37, 207-230.	1.3	51
7	Utility of Brief Versions of the Alcohol Use Disorders Identification Test (AUDIT) to Identify Excessive Drinking Among Patients in HIV Care in South Africa. Journal of Studies on Alcohol and Drugs, 2017, 78, 88-96.	0.6	48
8	Geographic Variation of Hypertension in Sub-Saharan Africa: A Case Study of South Africa. American Journal of Hypertension, 2013, 26, 382-391.	1.0	44
9	Joint disease mapping using six cancers in the Yorkshire region of England. International Journal of Health Geographics, 2008, 7, 41.	1.2	42
10	Assessing comorbidity and correlates of wasting and stunting among children in Somalia using cross-sectional household surveys: 2007 to 2010. BMJ Open, 2016, 6, e009854.	0.8	42
11	Assessing the Spatial Drivers of Land Use and Land Cover Change in the Protected and Communal Areas of the Zambezi Region, Namibia. Land, 2018, 7, 131.	1.2	37
12	Efficacy of an alcohol-focused intervention for improving adherence to antiretroviral therapy (ART) and HIV treatment outcomes – a randomised controlled trial protocol. BMC Infectious Diseases, 2014, 14, 500.	1.3	35
13	Early ST-segment recovery, infarct artery blood flow, and long-term outcome after acute myocardial infarction. American Heart Journal, 2002, 143, 265-271.	1.2	34
14	Investigating spatio-temporal similarities in the epidemiology of childhood leukaemia and diabetes. European Journal of Epidemiology, 2009, 24, 743-752.	2.5	34
15	An assessment of adverse drug reactions among HIV positive patients receiving antiretroviral treatment in South Africa. AIDS Research and Therapy, 2015, 12, 6.	0.7	34
16	Evaluation of geospatial methods to generate subnational HIV prevalence estimates for local level planning. Aids, 2016, 30, 1467-1474.	1.0	34
17	Effects of rural–urban residence and education on intimate partner violence among women in Sub-Saharan Africa: a meta-analysis of health survey data. BMC Women's Health, 2021, 21, 149.	0.8	34
18	Detecting Small-Area Similarities in the Epidemiology of Childhood Acute Lymphoblastic Leukemia and Diabetes Mellitus, Type 1: A Bayesian Approach. American Journal of Epidemiology, 2005, 161, 1168-1180.	1.6	32

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19	Predictors of in-hospital mortality for patients admitted with ST-elevation myocardial infarction: a real-world study using the Myocardial Infarction National Audit Project (MINAP) database. Heart, 2008, 94, 1407-1412.	1.2	32
20	Relationship between corrected TIMI frame counts at three weeks and late survival after myocardial infarction. Journal of the American College of Cardiology, 2000, 35, 1516-1524.	1.2	30
21	Viral suppression and factors associated with failure to achieve viral suppression among pregnant women in South Africa. Aids, 2020, 34, 589-597.	1.0	26
22	Divergent spatial patterns in the prevalence of the human immunodeficiency virus (HIV) and syphilis in South African pregnant women. Geospatial Health, 2012, 6, 221.	0.3	25
23	Bayesian inference for recurrent events data using time-dependent frailty. Statistics in Medicine, 2005, 24, 1263-1274.	0.8	24
24	The role of the PCA3 assay in predicting prostate biopsy outcome in a South African setting. BJU International, 2011, 108, 1728-1733.	1.3	24
25	Recent HIV infection among pregnant women in the 2017 antenatal sentinel cross–sectional survey, South Africa: Assay–based incidence measurement. PLoS ONE, 2021, 16, e0249953.	1.1	24
26	The prevalence of unintended pregnancy and its association with HIV status among pregnant women in South Africa, a national antenatal survey, 2019. Scientific Reports, 2021, 11, 23740.	1.6	22
27	Spatial variation in prostate cancer survival in the Northern and Yorkshire region of England using Bayesian relative survival smoothing. British Journal of Cancer, 2008, 99, 1786-1793.	2.9	21
28	Modelling the Ecological Comorbidity of Acute Respiratory Infection, Diarrhoea and Stunting among Children Under the Age of 5‰Years in Somalia. International Statistical Review, 2017, 85, 164-176.	1.1	21
29	COVID deaths in South Africa: 99 days since South Africa's first death. South African Medical Journal, 2020, 110, 1093.	0.2	21
30	Geographic assessment of access to health care in patients with cardiovascular disease in South Africa. BMC Health Services Research, 2018, 18, 197.	0.9	20
31	Assessment of prevalence and risk factors of diabetes and pre-diabetes in South Africa. Journal of Health, Population and Nutrition, 2022, 41, 7.	0.7	20
32	Reduction in child mortality in Ethiopia: analysis of data from demographic and health surveys. Journal of Global Health, 2016, 6, 020401.	1.2	19
33	Short-term real-time prediction of total number of reported COVID-19 cases and deaths in South Africa: a data driven approach. BMC Medical Research Methodology, 2021, 21, 15.	1.4	19
34	Meta-Analysis of Effect Sizes Reported at Multiple Time Points Using General Linear Mixed Model. PLoS ONE, 2016, 11, e0164898.	1.1	19
35	A Scoping Review of Spatial Analysis Approaches Using Health Survey Data in Sub-Saharan Africa. International Journal of Environmental Research and Public Health, 2020, 17, 3070.	1.2	18
36	COVID-19 pandemic in Malawi: Did public sociopolitical events gatherings contribute to its first-wave local transmission?. International Journal of Infectious Diseases, 2021, 106, 269-275.	1.5	18

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37	Mapping HIV prevalence using population and antenatal sentinel-based HIV surveys: a multi-stage approach. Population Health Metrics, 2015, 13, 22.	1.3	17
38	A Comparison of Methods for Analysing a Nested Frailty Model to Child Survival in Malawi. Australian and New Zealand Journal of Statistics, 2001, 43, 7-16.	0.4	16
39	Assessment of Malawiâ€™s success in child mortality reduction through the lens of the Catalytic Initiative Integrated Health Systems Strengthening programme: Retrospective evaluation. Journal of Global Health, 2015, 5, 020412.	1.2	15
40	Does adjusting for recall in trend analysis affect coverage estimates for maternal and child health indicators? An analysis of DHS and MICS survey data. Global Health Action, 2016, 9, 32408.	0.7	15
41	First year with COVID-19: Assessment and prospects. Geospatial Health, 2020, 15, .	0.3	15
42	Integrated community case management of childhood illness in low- and middle-income countries. The Cochrane Library, 2021, 2021, CD012882.	1.5	15
43	Optimising geographical accessibility to primary health care: a geospatial analysis of community health posts and community health workers in Niger. BMJ Global Health, 2021, 6, e005238.	2.0	15
44	Trends in land use and land cover change in the protected and communal areas of the Zambezi Region, Namibia. Environmental Monitoring and Assessment, 2017, 189, 242.	1.3	14
45	Assessment of readiness to transition from antenatal HIV surveillance surveys to PMTCT programme data-based HIV surveillance in South Africa: The 2017 Antenatal Sentinel HIV Survey. International Journal of Infectious Diseases, 2020, 91, 50-56.	1.5	13
46	Risk of Death among HIV Co-Infected Multidrug Resistant Tuberculosis Patients, Compared To Mortality in the General Population of South Africa. Journal of AIDS & Clinical Research, 2013, 01, 7.	0.5	13
47	A Nonparametric Frailty Model for Clustered Survival Data. Communications in Statistics - Theory and Methods, 2011, 40, 863-875.	0.6	12
48	Review and empirical comparison of joint mapping of multiple diseases. The Southern African Journal of Epidemiology & Infection: Official Journal of the Sexually Transmitted Diseases, Infectious Diseases and Epidemiological Societies of Southern Africa, 2012, 27, 169-182.	0.2	12
49	Assessment of settlement models for engagement of communities in forest land under claim in Jessievale and Roburna communities in Mpumalanga, South Africa. Land Use Policy, 2015, 46, 65-74.	2.5	12
50	The world in your hands: GeoHealth then and now. Geospatial Health, 2019, 14, .	0.3	12
51	Identifying Nutrient Patterns in South African Foods to Support National Nutrition Guidelines and Policies. Nutrients, 2021, 13, 3194.	1.7	12
52	Predictors of survival among HIV-positive children on ART in Swaziland. African Journal of AIDS Research, 2017, 16, 335-343.	0.3	11
53	Nigerâ€™s Child Survival Success, Contributing Factors and Challenges to Sustainability: A Retrospective Analysis. PLoS ONE, 2016, 11, e0146945.	1.1	11
54	Corrected TIMI frame counts correlate with stenosis severity and infarct zone wall motion after thrombolytic therapy. American Heart Journal, 2001, 141, 586-591.	1.2	10

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55	Revisiting the interaction between birth weight and current body size in the foetal origins of adult disease. European Journal of Epidemiology, 2007, 22, 565-575.	2.5	10
56	Livelihood activities and skills in rural areas of the Zambezi region, Namibia: Implications for policy and poverty reduction. African Journal of Food, Agriculture, Nutrition and Development, 2018, 18, 13074-13094.	0.1	10
57	Geographic distribution of cardiovascular comorbidities in South Africa: a national cross-sectional analysis. Journal of Applied Statistics, 2014, 41, 1203-1216.	0.6	9
58	Developing excellence in biostatistics leadership, training and science in Africa: How the Sub-Saharan Africa Consortium for Advanced Biostatistics (SSACAB) trainingÂunites expertise to deliver excellence. AAS Open Research, 2020, 3, 51.	1.5	9
59	Statistical profiling of hospital performance using acute coronary syndrome mortality : cardiovascular topic. Cardiovascular Journal of Africa, 2012, 23, 546-551.	0.2	8
60	A full Bayesian hierarchical mixture model for the variance of gene differential expression. BMC Bioinformatics, 2007, 8, 124.	1.2	7
61	Awareness of HIV-positive status and linkage to treatment prior to pregnancy in the â€œtest and treatâ€• era: A national antenatal sentinel survey, 2017, South Africa. PLoS ONE, 2020, 15, e0229874.	1.1	7
62	Assessing the effects of maternal HIV infection on pregnancy outcomes using cross-sectional data in Malawi. BMC Public Health, 2020, 20, 974.	1.2	7
63	Pregnancy Incidence and Risk Factors among Women Participating in Vaginal Microbicide Trials for HIV Prevention: Systematic Review and Meta-Analysis. PLoS ONE, 2013, 8, e77014.	1.1	7
64	A Spatial Analysis of Tuberculosis Related Mortality in South Africa. International Journal of Environmental Research and Public Health, 2021, 18, 11865.	1.2	7
65	A Bayesian ordinal model for heterogeneity in a multi-centre myocardial infarction clinical trial. Statistics in Medicine, 2002, 21, 3011-3022.	0.8	6
66	Small-area variation Âof cardiovascular diseases and select risk factors and their association to household and area poverty in South Africa: Capturing emerging trends in South Africa to better target local level interventions. PLoS ONE, 2020, 15, e0230564.	1.1	6
67	A Multivariate Random Frailty Effects Model for Multiple Spatially Dependent Survival Data. , 2012, , 157-172.		6
68	Geographical influence on the distribution of the prevalence of hypertension in South Africa: a multilevel analysis. Cardiovascular Journal of Africa, 2020, 31, 47-54.	0.2	6
69	Transitions between body mass index categories, South Africa. Bulletin of the World Health Organization, 2020, 98, 878-885I.	1.5	6
70	Evaluating the Effect of Appropriate Complementary Feeding Practices on Child Growth in Malawi Using Cross-Sectional Data: An Application of Propensity Score Matching. Frontiers in Nutrition, 2021, 8, 714232.	1.6	6
71	Quantification of HIV-1 viral load in the fluid of ranulas in HIV-positive patients. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2011, 111, 715-719.	1.6	5
72	Assessing joint spatial autocorrelations between mortality rates due to cardiovascular conditions in South Africa. Geospatial Health, 2019, 14, .	0.3	5

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73	Coverage of maternal viral load monitoring during pregnancy in South Africa: Results from the 2019 national Antenatal HIV Sentinel Survey. HIV Medicine, 2021, 22, 805-815.	1.0	5
74	Geographical variation in HIV testing in South Africa: Evidence from the 2017 national household HIV survey. Southern African Journal of HIV Medicine, 2021, 22, 1273.	0.3	5
75	Detecting influential data in multivariate survival models. Communications in Statistics - Theory and Methods, 2023, 52, 3910-3926.	0.6	5
76	Smoothed Temporal Atlases of Age-Gender All-Cause Mortality in South Africa. International Journal of Environmental Research and Public Health, 2017, 14, 1072.	1.2	4
77	Assessing Geographic Co-morbidity Associated with Vascular Diseases in South Africa: A Joint Bayesian Modeling Approach. The Plenum Series on Demographic Methods and Population Analysis, 2014, , 303-320.	0.6	4
78	Spatial Co-Clustering of Cardiovascular Diseases and Select Risk Factors among Adults in South Africa. International Journal of Environmental Research and Public Health, 2020, 17, 3583.	1.2	4
79	A Spatial Analysis of COVID-19 in African Countries: Evaluating the Effects of Socio-Economic Vulnerabilities and Neighbouring. International Journal of Environmental Research and Public Health, 2021, 18, 10783.	1.2	4
80	Spatial Co-Morbidity of Childhood Acute Respiratory Infection, Diarrhoea and Stunting in Nigeria. International Journal of Environmental Research and Public Health, 2022, 19, 1838.	1.2	4
81	A novel outlier statistic in multivariate survival models and its application to identify unusual under-five mortality sub-districts in Malawi. Journal of Applied Statistics, 2023, 50, 1836-1852.	0.6	4
82	A Bayesian analysis of amalgam restorations in the Royal Air Force using the counting process approach with nested frailty effects. Statistical Methods in Medical Research, 2005, 14, 567-578.	0.7	3
83	Integrated community case management of childhood illness in low- and middle-income countries. The Cochrane Library, 2017, , .	1.5	3
84	Perceived Effects of Climate Change and Extreme Weather Events on Forests and Forest-Based Livelihoods in Malawi. Sustainability, 2021, 13, 11748.	1.6	3
85	A Comparison of Bayesian Spatial Models for HIV Mapping in South Africa. International Journal of Environmental Research and Public Health, 2021, 18, 11215.	1.2	3
86	COVID-19 hospitalization and mortality and hospitalization-related utilization and expenditure: Analysis of a South African private health insured population. PLoS ONE, 2022, 17, e0268025.	1.1	3
87	Statistical Methods for the Analysis of Food Composition Databases: A Review. Nutrients, 2022, 14, 2193.	1.7	3
88	Discrete Survival Time Constructions for Studying Marital Formation and Dissolution in Rural South Africa. Frontiers in Psychology, 2020, 11, 154.	1.1	2
89	National prevalence of coronary heart disease andstroke in South Africa from 1990â€"2017: a systematicreview and meta-analysis. Cardiovascular Journal of Africa, 2021, 32, 46-50.	0.2	2
90	Trends in smoking prevalence in South Africa for 1998 - 2014 - overcoming the challenge of multiple data sources. Tobacco Induced Diseases, 2018, 16, .	0.3	2

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91	Developing excellence in biostatistics leadership, training and science in Africa: How the Sub-Saharan Africa Consortium for Advanced Biostatistics (SSACAB) trainingÂunites expertise to deliver excellence. AAS Open Research, 2020, 3, 51.	1.5	2
92	Translating new evidence into clinical practice: a quasi-experimental controlled beforeâ€"after study evaluating the effect of a novel outreach mentoring approach on knowledge, attitudes and confidence of health workers providing HIV and infant feeding counselling in South Africa. BMJ Open, 2020, 10, e034770.	0.8	2
93	Association between viral suppression during the third trimester of pregnancy and unintended pregnancy among women on antiretroviral therapy: Results from the 2019 antenatal HIV Sentinel Survey, South Africa. PLoS ONE, 2022, 17, e0265124.	1.1	2
94	A bayesian analysis of multivariate survival data from multi-stage cluster sampling. Communications in Statistics - Theory and Methods, 2000, 29, 769-782.	0.6	1
95	Usefulness of ultrasonography and biochemical features in the diagnosis of cholestatic jaundice in infants. SAJCH South African Journal of Child Health, 2016, 10, 75.	0.2	1
96	A Semiparametric Stratified Survival Model for Timing of First Birth in South Africa. The Plenum Series on Demographic Methods and Population Analysis, 2014, , 239-252.	0.6	1
97	A simulation study for evaluating the performance of clustering measures in multilevel logistic regression. BMC Medical Research Methodology, 2021, 21, 245.	1.4	1
98	Accounting for Sampling Weights in the Analysis of Spatial Distributions of Disease Using Health Survey Data, with an Application to Mapping Child Health in Malawi and Mozambique. International Journal of Environmental Research and Public Health, 2022, 19, 6319.	1.2	1
99	Inter-Country COVID-19 Contagiousness Variation in Eight African Countries. Frontiers in Public Health, 2022, 10, .	1.3	1
100	Are acute coronary syndromes risk models too complex?. European Heart Journal, 2007, 28, 2175-2176.	1.0	0
101	Letter by Gale et al Regarding Article, â€œWhich Hospitals Have Significantly Better or Worse Than Expected Mortality Rates for Acute Myocardial Infarction Patients? Improved Risk Adjustment With Present-at-Admission Diagnosesâ€. Circulation, 2008, 118, e9; author reply e10.	1.6	0
102	How Well Does the PCA3â€"incorporated Chun Nomogram Perform in Predicting Prostate Biopsy Outcome Among South African Men?. European Urology, 2013, 63, 1135-1136.	0.9	0
103	The effect of two passive head down diaphragm stretching manoeuvres on diaphragm length in healthy adult individuals. Physiotherapy, 2015, 101, e1344-e1345.	0.2	0
104	The effect of two passive head-down tilt positions on diaphragm excursion in healthy adults: A preliminary study. Physiotherapy Theory and Practice, 2016, 32, 223-231.	0.6	0
105	Long-term blood pressure trajectories and associations with age and body mass index among urban women in South Africa. Cardiovascular Journal of Africa, 2021, 32, 36-42.	0.2	0
106	Abstract P165: Geographic Co-morbidity of Cardiovascular Diseases in South Africa. Circulation, 2012, 125, .	1.6	0
107	Abstract 046: Spatial Variation of Predictors of Hypertension in Sub-Saharan Africa: A Case Study of South-Africa. Circulation, 2012, 125, .	1.6	0
108	Macro Determinants of Geographical Variation in Childhood Survival in South Africa Using Flexible Spatial Mixture Models. The Plenum Series on Demographic Methods and Population Analysis, 2014, , 147-168.	0.6	0

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109	Flexible Modeling of Frailty Effects in Clustered Survival Data. Emerging Topics in Statistics and Biostatistics, 2020, , 489-509.	0.1	0
110	Translating new evidence into clinical practice: a quasi-experimental controlled before-after study evaluating the effect of a novel outreach mentoring approach on knowledge, attitudes and confidence of health workers providing HIV and infant feeding counselling in South Africa. BMJ Open, 2020, 10, e034770.	0.8	0
111	A Brief Alcohol Reduction Intervention for Patients on Antiretroviral Therapy for HIV in Tshwane, South Africa: A Randomized Controlled Trial. SSRN Electronic Journal, 0, , .	0.4	0