Eustasius Musenge

List of Publications by Year
in descending order

64 papers	1,118 citations	331259 21 h-index	454577 30 g-index
66 all docs	66 docs citations	66 times ranked	1780 citing authors

#	Article	IF	Citations
1	Rule-Based Information Extraction from Free-Text Pathology Reports Reveals Trends in South African Female Breast Cancer Molecular Subtypes and Ki67 Expression. BioMed Research International, 2022, 2022, 1-17.	0.9	6
2	Understanding factors influencing utilization of HIV prevention and treatment services among patients and providers in a heterogeneous setting: A qualitative study from South Africa. PLOS Global Public Health, 2022, 2, e0000132.	0.5	8
3	Comorbidities in Black South Africans with established rheumatoid arthritis. International Journal of Rheumatic Diseases, 2022, 25, 699-704.	0.9	7
4	protGear: A protein microarray data pre-processing suite. Computational and Structural Biotechnology Journal, 2021, 19, 2518-2525.	1.9	1
5	A review of multistate modelling approaches in monitoring disease progression: Bayesian estimation using the Kolmogorov-Chapman forward equations. Statistical Methods in Medical Research, 2021, 30, 1373-1392.	0.7	5
6	Predicting Colorectal Cancer Recurrence and Patient Survival Using Supervised Machine Learning Approach: A South African Population-Based Study. Frontiers in Public Health, 2021, 9, 694306.	1.3	8
7	Markov modelling of viral load adjusting for CD4 orthogonal variable and multivariate conditional autoregressive mapping of the HIV immunological outcomes among ART patients in Zimbabwe. Theoretical Biology and Medical Modelling, 2021, 18, 16.	2.1	2
8	Use of Machine Learning and Statistical Algorithms to Predict Hospital Length of Stay Following Colorectal Cancer Resection: A South African Pilot Study. Frontiers in Oncology, 2021, 11, 644045.	1.3	4
9	A Text Mining Approach in the Classification of Free-Text Cancer Pathology Reports from the South African National Health Laboratory Services. Information (Switzerland), 2021, 12, 451.	1.7	6
10	The effect of a home exercise intervention on persons with lower limb amputations: a randomized controlled trial. Clinical Rehabilitation, 2020, 34, 99-110.	1.0	16
11	The relationship between childhood trauma and schizophrenia in the Genomics of Schizophrenia in the Xhosa people (SAX) study in South Africa. Psychological Medicine, 2020, 50, 1570-1577.	2.7	21
12	Effect of Neural Mobilization on Nerve-Related Neck and Arm Pain: A Randomized Controlled Trial. Physiotherapy Canada Physiotherapie Canada, 2020, 72, 408-419.	0.3	4
13	Competing risk of mortality on loss to follow-up outcome among patients with HIV on ART: a retrospective cohort study from the Zimbabwe national ART programme. BMJ Open, 2020, 10, e036136.	0.8	11
14	Biodex© training post-stroke for postural stability in the upper trunk: A pilot study. South African Journal of Physiotherapy, 2020, 76, 1416.	0.3	0
15	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
16	Effect of a Mentor Mother Programme on retention of mother-baby pairs in HIV care: A secondary analysis of programme data in Uganda. PLoS ONE, 2019, 14, e0223332.	1.1	18
17	Modeling Long-Term Graft Survival With Time-Varying Covariate Effects: An Application to a Single Kidney Transplant Centre in Johannesburg, South Africa. Frontiers in Public Health, 2019, 7, 201.	1.3	7
18	The effects of a physiotherapist-led exercise intervention on peripheral neuropathy among people living with HIV on antiretroviral therapy in Kigali, Rwanda. South African Journal of Physiotherapy, 2019, 75, 1328.	0.3	4

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19	A space-time analysis of recurrent malnutrition-related hospitalisations in Kilifi, Kenya for children under-5 years. BMC Nutrition, 2019, 5, 32.	0.6	4
20	Associations of plasma fibroblast growth factor 23 and other markers of chronic kidney diseaseâ€"Mineral and bone disorder with all-cause mortality in South African patients on maintenance dialysis: A 3-year prospective cohort study. PLoS ONE, 2019, 14, e0216656.	1.1	8
21	Spatial and socio-economic correlates of effective contraception among women seeking post-abortion care in healthcare facilities in Kenya. PLoS ONE, 2019, 14, e0214049.	1.1	4
22	HIV Disease Progression Among Antiretroviral Therapy Patients in Zimbabwe: A Multistate Markov Model. Frontiers in Public Health, 2019, 7, 326.	1.3	9
23	Factors Associated With HIV Infection in Zimbabwe Over a Decade From 2005 to 2015: An Interval-Censoring Survival Analysis Approach. Frontiers in Public Health, 2019, 7, 262.	1.3	3
24	Policy, law and post-abortion care services in Kenya. PLoS ONE, 2018, 13, e0204240.	1.1	31
25	Effects of shoulder strapping in patients with stroke: A randomised control trial. South African Journal of Physiotherapy, 2018, 74, 430.	0.3	2
26	Four decades of pulmonary tuberculosis in deceased South African miners: trends and determinants. Occupational and Environmental Medicine, 2018, 75, 767-775.	1.3	10
27	Can lay health workers support the management of hypertension? Findings of a cluster randomised trial in South Africa. BMJ Global Health, 2018, 3, e000577.	2.0	24
28	Trends and changes in home deliveries in Kassenaâ€"Nankana districts in northern Ghana: Results from repeated crossâ€sectional surveys. International Journal of Gynecology and Obstetrics, 2016, 135, S33-S38.	1.0	1
29	A cost-effective and focused model for HIV prevention. Lancet HIV,the, 2016, 3, e402-e403.	2.1	1
30	A prospective study of antiâ€tumor necrosis factor therapy in South African rheumatoid arthritis patients. International Journal of Rheumatic Diseases, 2016, 19, 594-599.	0.9	6
31	Prevalence of latent tuberculosis infection and predictive factors in an urban informal settlement in Johannesburg, South Africa: a cross-sectional study. BMC Infectious Diseases, 2016, 16, 661.	1.3	34
32	The effects of progressive-resisted exercises on muscle strength and health-related quality of life in persons with HIV-related poly-neuropathy in Zimbabwe. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2016, 28, 639-643.	0.6	33
33	Spatial and socio-economic effects on malaria morbidity in children under 5years in Malawi in 2012. Spatial and Spatio-temporal Epidemiology, 2016, 16, 21-33.	0.9	7
34	Direct and indirect determinants of childhood malaria morbidity in Malawi: a survey cross-sectional analysis based on malaria indicator survey data for 2012. Malaria Journal, 2015, 14, 265.	0.8	20
35	Circulating anti-citrullinated peptide antibodies, cytokines and genotype as biomarkers of response to disease-modifying antirheumatic drug therapy in early rheumatoid arthritis. BMC Musculoskeletal Disorders, 2015, 16, 130.	0.8	27
36	The Nkateko health service trial to improve hypertension management in rural South Africa: study protocol for a randomised controlled trial. Trials, 2014, 15, 435.	0.7	17

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37	Prevalence of peripheral neuropathy and its associated demographic and health status characteristics, among people on antiretroviral therapy in Rwanda. BMC Public Health, 2014, 14, 1306.	1.2	18
38	Effects of an Education and Home-Based Pedometer Walking Program on Ischemic Heart Disease Risk Factors in People Infected with HIV. Journal of Acquired Immune Deficiency Syndromes (1999), 2014, 67, 268-276.	0.9	50
39	Spatial analysis of factors associated with HIV infection among young people in Uganda, 2011. BMC Public Health, 2014, 14, 555.	1.2	44
40	Effect of Human Immunodeficiency Virus Infection on Disease Activity in Rheumatoid Arthritis: A Retrospective Study in South Africans. Journal of Rheumatology, 2014, 41, 1645-1649.	1.0	15
41	Bayesian analysis of zero inflated spatiotemporal HIV/TB child mortality data through the INLA and SPDE approaches: Applied to data observed between 1992 and 2010 in rural North East South Africa. International Journal of Applied Earth Observation and Geoinformation, 2013, 22, 86-98.	1.4	35
42	Patterns and predictors of joint damage as assessed by the rheumatoid arthritis articular damage (RAAD) score in South Africans with established rheumatoid arthritis. Clinical Rheumatology, 2013, 32, 1711-1717.	1.0	4
43	Effectiveness of a community-based positive prevention intervention for people living with HIV who are not receiving antiretroviral treatment: a prospective cohort study. Global Health, Science and Practice, 2013, 1, 52-67.	0.6	5
44	Community participation of patients 12 months post-stroke in Johannesburg, South Africa. African Journal of Primary Health Care and Family Medicine, 2013, 5, .	0.3	16
45	Serum Matrix Metalloproteinase-3 in Comparison with Acute Phase Proteins as a Marker of Disease Activity and Radiographic Damage in Early Rheumatoid Arthritis. Mediators of Inflammation, 2013, 2013, 1-6.	1.4	52
46	Renal failure in HIV-positive patients--a South African experience. CKJ: Clinical Kidney Journal, 2013, 6, 584-589.	1.4	25
47	Investigation into longitudinal dietary behaviours and household socio-economic indicators and their association with BMI Z-score and fat mass in South African adolescents: the Birth to Twenty (Bt20) cohort. Public Health Nutrition, 2013, 16, 693-703.	1.1	42
48	The contribution of spatial analysis to understanding HIV/TB mortality in children: a structural equation modelling approach. Global Health Action, 2013, 6, 19266.	0.7	27
49	The outcome of Mental Health Care Users admitted under Section 40 of the South African Mental Health Care Act (No 17 of 2002). African Journal of Psychiatry, 2013, 16, 94-103.	0.1	2
50	Differential gene expression of MMP-1, TIMP-1 and HGF in clinically involved and uninvolved skin in South Africans with SSc. Rheumatology, 2012, 51, 1049-1052.	0.9	31
51	Effect of carer education on functional abilities of patients with stroke. International Journal of Therapy and Rehabilitation, 2012, 19, 380-385.	0.1	16
52	Functional disability and health-related quality of life in South Africans with early rheumatoid arthritis. Scandinavian Journal of Rheumatology, 2012, 41, 366-374.	0.6	29
53	Exaggerated circulating Th-1 cytokine response in early rheumatoid arthritis patients with nodules. Cytokine, 2012, 60, 561-564.	1.4	6
54	Case fatality of patients with stroke over a 12-month period post stroke. South African Medical Journal, 2012, 102, 765.	0.2	31

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55	Response to traditional disease-modifying anti-rheumatic drugs in indigent South Africans with early rheumatoid arthritis. Clinical Rheumatology, 2012, 31, 613-619.	1.0	25
56	Changes in dietary habits and eating practices in adolescents living in urban South Africa: The birth to twenty cohort. Nutrition, 2012, 28, e1-e6.	1.1	48
57	HLA-DRB1 shared epitope genotyping using the revised classification and its association with circulating autoantibodies, acute phase reactants, cytokines and clinical indices of disease activity in a cohort of South African rheumatoid arthritis patients. Arthritis Research and Therapy, 2011, 13, R160.	1.6	20
58	Space-time confounding adjusted determinants of child HIV/TB mortality for large zero-inflated data in rural South Africa. Spatial and Spatio-temporal Epidemiology, 2011, 2, 205-217.	0.9	15
59	The diagnostic utility of the anti-CCP antibody test is no better than rheumatoid factor in South Africans with early rheumatoid arthritis. Clinical Rheumatology, 2010, 29, 615-618.	1.0	16
60	Circulating Cytokine Profiles and Their Relationships with Autoantibodies, Acute Phase Reactants, and Disease Activity in Patients with Rheumatoid Arthritis. Mediators of Inflammation, 2010, 2010, 1-10.	1.4	41
61	Assessment of HIV-positive in-patients using the International Classification of Functioning, Disability and Health (ICF) at Chris Hani Baragwanath Hospital, Johannesburg. African Journal of AIDS Research, 2009, 8, 93-105.	0.3	47
62	Osteoarticular tuberculosis in patients with systemic lupus erythematosus. QJM - Monthly Journal of the Association of Physicians, 2009, 102, 321-328.	0.2	34
63	The International Classification of Function Disability and Health (ICF) in adults visiting the HIV outpatient clinic at a regional hospital in Johannesburg, South Africa. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2009, 21, 50-58.	0.6	42
64	Spatial Heterogeneity of Viral Suppression and Viral Rebound Patterns among ART Patients in Zimbabwe from 2004 to 2017: A Bayesian Mixed Effects Multistate Model. International Journal of Statistics in Medical Research, 0, 8, 98-113.	0.5	3