Sammy M Njenga

List of Publications by Year
in descending order

107	3,716	136950	168389
papers	citations	32 h-index	53 g-index

113	113	113	4576
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of water quality, sanitation, handwashing, and nutritional interventions on diarrhoea and child growth in rural Kenya: a cluster-randomised controlled trial. The Lancet Global Health, 2018, 6, e316-e329.	6.3	427
2	The WASH Benefits and SHINE trials: interpretation of WASH intervention effects on linear growth and diarrhoea. The Lancet Global Health, 2019, 7, e1139-e1146.	6.3	240
3	Cluster-randomised controlled trials of individual and combined water, sanitation, hygiene and nutritional interventions in rural Bangladesh and Kenya: the WASH Benefits study design and rationale. BMJ Open, 2013, 3, e003476.	1.9	188
4	Multi-parallel qPCR provides increased sensitivity and diagnostic breadth for gastrointestinal parasites of humans: field-based inferences on the impact of mass deworming. Parasites and Vectors, 2016, 9, 38.	2.5	137
5	Urban informal settlements as hotspots of antimicrobial resistance and the need to curb environmental transmission. Nature Microbiology, 2020, 5, 787-795.	13.3	101
6	Multimodal Pyrethroid Resistance in Malaria Vectors, Anopheles gambiae s.s., Anopheles arabiensis, and Anopheles funestus s.s. in Western Kenya. PLoS ONE, 2011, 6, e22574.	2.5	85
7	Malaria Vectors in Lake Victoria and Adjacent Habitats in Western Kenya. PLoS ONE, 2012, 7, e32725.	2.5	82
8	Effects, equity, and cost of school-based and community-wide treatment strategies for soil-transmitted helminths in Kenya: a cluster-randomised controlled trial. Lancet, The, 2019, 393, 2039-2050.	13.7	79
9	Determinants of Success in National Programs to Eliminate Lymphatic Filariasis: A Perspective Identifying Essential Elements and Research Needs. American Journal of Tropical Medicine and Hygiene, 2008, 79, 480-484.	1.4	72
10	Monitoring and evaluating the impact of national school-based deworming in Kenya: study design and baseline results. Parasites and Vectors, 2013, 6, 198.	2.5	62
11	Push by a net, pull by a cow: can zooprophylaxis enhance the impact of insecticide treated bed nets on malaria control?. Parasites and Vectors, 2014, 7, 52.	2.5	62
12	Modelling the distribution and transmission intensity of lymphatic filariasis in sub-Saharan Africa prior to scaling up interventions: integrated use of geostatistical and mathematical modelling. Parasites and Vectors, 2015, 8, 560.	2.5	62
13	Insecticidal and repellent activities of pyrethroids to the three major pyrethroid-resistant malaria vectors in western Kenya. Parasites and Vectors, 2014, 7, 208.	2.5	56
14	Interrupting transmission of soil-transmitted helminths: a study protocol for cluster randomised trials evaluating alternative treatment strategies and delivery systems in Kenya. BMJ Open, 2015, 5, e008950.	1.9	56
15	A Cross-Sectional Study of Water, Sanitation, and Hygiene-Related Risk Factors for Soil-Transmitted Helminth Infection in Urban School- and Preschool-Aged Children in Kibera, Nairobi. PLoS ONE, 2016, 11, e0150744.	2.5	52
16	Risk Factors and Spatial Distribution of Schistosoma mansoni Infection among Primary School Children in Mbita District, Western Kenya. PLoS Neglected Tropical Diseases, 2014, 8, e2991.	3.0	51
17	Detecting and enumerating soil-transmitted helminth eggs in soil: New method development and results from field testing in Kenya and Bangladesh. PLoS Neglected Tropical Diseases, 2017, 11, e0005522.	3.0	51
18	Adult population as potential reservoir of NTD infections in rural villages of Kwale district, Coastal Kenya: implications for preventive chemotherapy interventions policy. Parasites and Vectors, 2011, 4, 175.	2.5	50

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19	Reconsideration of Anopheles rivulorum as a vector of Plasmodium falciparum in western Kenya: some evidence from biting time, blood preference, sporozoite positive rate, and pyrethroid resistance. Parasites and Vectors, 2012, 5, 230.	2.5	48
20	Sustained reduction in prevalence of lymphatic filariasis infection in spite of missed rounds of mass drug administration in an area under mosquito nets for malaria control. Parasites and Vectors, 2011, 4, 90.	2.5	47
21	Results of a national school-based deworming programme on soil-transmitted helminths infections and schistosomiasis in Kenya: 2012â€“2017. Parasites and Vectors, 2019, 12, 76.	2.5	46
22	Diagnostic tools for soil-transmitted helminths control and elimination programs: A pathway for diagnostic product development. PLoS Neglected Tropical Diseases, 2018, 12, e0006213.	3.0	46
23	Soil-Transmitted Helminth Infection and Nutritional Status Among Urban Slum Children in Kenya. American Journal of Tropical Medicine and Hygiene, 2014, 90, 299-305.	1.4	45
24	Determinants of success in national programs to eliminate lymphatic filariasis: a perspective identifying essential elements and research needs. American Journal of Tropical Medicine and Hygiene, 2008, 79, 480-4.	1.4	45
25	Soil-Transmitted Helminths in Pre-School-Aged and School-Aged Children in an Urban Slum: A Cross-Sectional Study of Prevalence, Distribution, and Associated Exposures. American Journal of Tropical Medicine and Hygiene, 2014, 91, 1002-1010.	1.4	44
26	Monitoring the impact of a national school based deworming programme on soil-transmitted helminths in Kenya: the first three years, 2012 â€“ 2014. Parasites and Vectors, 2016, 9, 408.	2.5	42
27	Effects of single and integrated water, sanitation, handwashing, and nutrition interventions on child soil-transmitted helminth and Giardia infections: A cluster-randomized controlled trial in rural Kenya. PLoS Medicine, 2019, 16, e1002841.	8.4	42
28	Soil-Transmitted Helminth Eggs Are Present in Soil at Multiple Locations within Households in Rural Kenya. PLoS ONE, 2016, 11, e0157780.	2.5	40
29	Distribution of a Knockdown Resistance Mutation (L1014S) in Anopheles gambiae s.s. and Anopheles arabiensis in Western and Southern Kenya. PLoS ONE, 2011, 6, e24323.	2.5	40
30	Serological Surveillance Development for Tropical Infectious Diseases Using Simultaneous Microsphere-Based Multiplex Assays and Finite Mixture Models. PLoS Neglected Tropical Diseases, 2014, 8, e3040.	3.0	38
31	Diagnostic Accuracy and Cost-Effectiveness of Alternative Methods for Detection of Soil-Transmitted Helminths in a Post-Treatment Setting in Western Kenya. PLoS Neglected Tropical Diseases, 2014, 8, e2843.	3.0	38
32	Community-level epidemiology of soil-transmitted helminths in the context of school-based deworming: Baseline results of a cluster randomised trial on the coast of Kenya. PLoS Neglected Tropical Diseases, 2019, 13, e0007427.	3.0	38
33	Diagnostics and the neglected tropical diseases roadmap: setting the agenda for 2030. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2021, 115, 129-135.	1.8	38
34	The Role of Personal Opinions and Experiences in Compliance with Mass Drug Administration for Lymphatic Filariasis Elimination in Kenya. PLoS ONE, 2012, 7, e48395.	2.5	37
35	Once a year school-based deworming with praziquantel and albendazole combination may not be adequate for control of urogenital schistosomiasis and hookworm infection in Matuga District, Kwale County, Kenya. Parasites and Vectors, 2014, 7, 74.	2.5	36
36	A survey for Echinococcus spp. of carnivores in six wildlife conservation areas in Kenya. Parasitology International, 2014, 63, 604-611.	1.3	36

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37	First international external quality assessment scheme of nucleic acid amplification tests for the detection of SchistosomaÂand soil-transmitted helminths, including Strongyloides: A pilot study. PLoS Neglected Tropical Diseases, 2020, 14, e0008231.	3.0	35
38	Comparing the performance of circulating cathodic antigen and Kato-Katz techniques in evaluating Schistosoma mansoni infection in areas with low prevalence in selected counties of Kenya: a cross-sectional study. BMC Public Health, 2018, 18, 478.	2.9	32
39	Agricultural chemicals: life changer for mosquito vectors in agricultural landscapes?. Parasites and Vectors, 2016, 9, 500.	2.5	31
40	Sources of variability in the measurement of Ascaris lumbricoides infection intensity by Kato-Katz and qPCR. Parasites and Vectors, 2017, 10, 256.	2.5	31
41	Evaluating dengue burden in Africa in passive fever surveillance and seroprevalence studies: protocol of field studies of the Dengue Vaccine Initiative. BMJ Open, 2018, 8, e017673.	1.9	29
42	Effect of a sanitation intervention on soil-transmitted helminth prevalence and concentration in household soil: A cluster-randomized controlled trial and risk factor analysis. PLoS Neglected Tropical Diseases, 2019, 13, e0007180.	3.0	29
43	Molecular characterization of Echinococcus species in dogs from four regions of Kenya. Veterinary Parasitology, 2018, 255, 49-57.	1.8	27
44	Impact of Mothersâ€™ Schistosomiasis Status During Gestation on Childrenâ€™s IgG Antibody Responses to Routine Vaccines 2â€‰Years Later and Anti-Schistosome and Anti-Malarial Responses by Neonates in Western Kenya. Frontiers in Immunology, 2018, 9, 1402.	4.8	27
45	Spatial distribution and risk factors of Schistosoma haematobium and hookworm infections among schoolchildren in Kwale, Kenya. PLoS Neglected Tropical Diseases, 2017, 11, e0005872.	3.0	26
46	Current status of Schistosoma mansoni and the factors associated with infection two years following mass drug administration programme among primary school children in Mwea irrigation scheme: A cross-sectional study. BMC Public Health, 2015, 15, 739.	2.9	25
47	Assessment of lymphatic filariasis prior to re-starting mass drug administration campaigns in coastal Kenya. Parasites and Vectors, 2017, 10, 99.	2.5	25
48	Species-Specific Serological Detection for Schistosomiasis by Serine Protease Inhibitor (SERPIN) in Multiplex Assay. PLoS Neglected Tropical Diseases, 2015, 9, e0004021.	3.0	24
49	Tetanus Immunity Gaps in Children 5â€“14 Years and Men â‰¥ 15 Years of Age Revealed by Integrated Disease Serosurveillance in Kenya, Tanzania, and Mozambique. American Journal of Tropical Medicine and Hygiene, 2017, 96, 415-420.	1.4	24
50	Heterogeneity in transmission parameters of hookworm infection within the baseline data from the TUMIKIA study in Kenya. Parasites and Vectors, 2019, 12, 442.	2.5	24
51	Understanding Heterogeneity in the Impact of National Neglected Tropical Disease Control Programmes: Evidence from School-Based Deworming in Kenya. PLoS Neglected Tropical Diseases, 2015, 9, e0004108.	3.0	24
52	High-density lipoprotein suppresses tumor necrosis factor alpha production by mycobacteria-infected human macrophages. Scientific Reports, 2018, 8, 6736.	3.3	23
53	Mosquito arbovirus survey in selected areas of Kenya: detection of insect-specific virus. Tropical Medicine and Health, 2018, 46, 19.	2.8	22
54	Community-directed treatment of lymphatic filariasis in Kenya and its role in the national programmes for elimination of lymphatic filariasis. African Journal of Health Sciences, 2008, 13, 69-79.	0.1	21

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55	Insecticide-treated net use before and after mass distribution in a fishing community along Lake Victoria, Kenya: successes and unavoidable pitfalls. Malaria Journal, 2014, 13, 466.	2.3	21
56	Epidemiology of coinfection with soil transmitted helminths and Plasmodium falciparum among school children in Bumula District in western Kenya. Parasites and Vectors, 2015, 8, 314.	2.5	21
57	Integrated Cross-Sectional Multiplex Serosurveillance of IgG Antibody Responses to Parasitic Diseases and Vaccines in Coastal Kenya. American Journal of Tropical Medicine and Hygiene, 2020, 102, 164-176.	1.4	21
58	Sleeping on the floor decreases insecticide treated bed net use and increases risk of malaria in children under 5 years of age in Mbita District, Kenya. Parasitology, 2015, 142, 1516-1522.	1.5	20
59	High prevalence of helminths infection and associated risk factors among adults living in a rural setting, central Kenya: a cross-sectional study. Tropical Medicine and Health, 2017, 45, 15.	2.8	20
60	Household finished flooring and soil-transmitted helminth and Giardia infections among children in rural Bangladesh and Kenya: a prospective cohort study. The Lancet Global Health, 2021, 9, e301-e308.	6.3	20
61	Use of Rapid Diagnostic Tests in Malaria School Surveys in Kenya: Does their Under-performance Matter for Planning Malaria Control?. American Journal of Tropical Medicine and Hygiene, 2012, 87, 1004-1011.	1.4	19
62	Factors associated with the motivation of community drug distributors in the lymphatic Filariasis Elimination Programme in Kenya. The Southern African Journal of Epidemiology & Infection: Official Journal of the Sexually Transmitted Diseases, Infectious Diseases and Epidemiological Societies of Southern Africa, 2012, 27, 66-70.	0.2	19
63	Global spread and genetic variants of the two CYP9M10 haplotype forms associated with insecticide resistance in Culex quinquefasciatus Say. Heredity, 2013, 111, 216-226.	2.6	19
64	A Small-Scale Field Trial of Pyriproxyfen-Impregnated Bed Nets against Pyrethroid-Resistant Anopheles gambiae s.s. in Western Kenya. PLoS ONE, 2014, 9, e111195.	2.5	19
65	Impacts of insecticide treated bed nets on Anopheles gambiae s.l. populations in Mbita district and Suba district, Western Kenya. Parasites and Vectors, 2014, 7, 63.	2.5	19
66	Multiplex Serologic Assessment of Schistosomiasis in Western Kenya: Antibody Responses in Preschool Aged Children as a Measure of Reduced Transmission. American Journal of Tropical Medicine and Hygiene, 2017, 96, 1460-1467.	1.4	18
67	Comparing insecticide-treated bed net use to Plasmodium falciparum infection among schoolchildren living near Lake Victoria, Kenya. Malaria Journal, 2015, 14, 515.	2.3	17
68	Preventive effect of permethrin-impregnated long-lasting insecticidal nets on the blood feeding of three major pyrethroid-resistant malaria vectors in western Kenya. Parasites and Vectors, 2014, 7, 383.	2.5	16
69	Is there a gap between health education content and practice toward schistosomiasis prevention among schoolchildren along the shores of Lake Victoria in Kenya?. PLoS Neglected Tropical Diseases, 2019, 13, e0007572.	3.0	16
70	Patterns of individual non-treatment during multiple rounds of mass drug administration for control of soil-transmitted helminths in the TUMIKIA trial, Kenya: a secondary longitudinal analysis. The Lancet Global Health, 2020, 8, e1418-e1426.	6.3	16
71	Preliminary Evaluation of Insecticide-Impregnated Ceiling Nets with Coarse Mesh Size as a Barrier against the Invasion of Malaria Vectors. Japanese Journal of Infectious Diseases, 2012, 65, 243-246.	1.2	16
72	Research and Capacity Building for Control of Neglected Tropical Diseases: The Need for a Different Approach. PLoS Neglected Tropical Diseases, 2011, 5, e1020.	3.0	15

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73	Understanding the relationship between prevalence of microfilariae and antigenaemia using a model of lymphatic filariasis infection. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2016, 110, 118-124.	1.8	14
74	Fine-scale heterogeneity in Schistosoma mansoni force of infection measured through antibody response. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23174-23181.	7.1	14
75	Prevalence and risk factors of Schistosoma mansoni infection among children under two years of age in Mbita, Western Kenya. PLoS Neglected Tropical Diseases, 2020, 14, e0008473.	3.0	14
76	Unprogrammed Deworming in the Kibera Slum, Nairobi: Implications for Control of Soil-Transmitted Helminthiases. PLoS Neglected Tropical Diseases, 2015, 9, e0003590.	3.0	13
77	Factors Associated with the Performance and Cost-Effectiveness of Using Lymphatic Filariasis Transmission Assessment Surveys for Monitoring Soil-Transmitted Helminths: A Case Study in Kenya. American Journal of Tropical Medicine and Hygiene, 2015, 92, 342-353.	1.4	13
78	A multi-country study of the economic burden of dengue fever based on patient-specific field surveys in Burkina Faso, Kenya, and Cambodia. PLoS Neglected Tropical Diseases, 2019, 13, e0007164.	3.0	13
79	A high-intensity cluster of Schistosoma mansoni infection around Mbita causeway, western Kenya: a confirmatory cross-sectional survey. Tropical Medicine and Health, 2019, 47, 26.	2.8	11
80	Effects of Individual and Combined Water, Sanitation, Handwashing, and Nutritional Interventions on Child Respiratory Infections in Rural Kenya: A Cluster-Randomized Controlled Trial. American Journal of Tropical Medicine and Hygiene, 2020, 102, 1286-1295.	1.4	11
81	A School-Based Cross-Sectional Survey of Adverse Events following Co-Administration of Albendazole and Praziquantel for Preventive Chemotherapy against Urogenital Schistosomiasis and Soil-Transmitted Helminthiasis in Kwale County, Kenya. PLoS ONE, 2014, 9, e88315.	2.5	9
82	Soil-transmitted helminths and schistosomiasis among pre-school age children in a rural setting of Busia County, Western Kenya: a cross-sectional study of prevalence, and associated exposures. BMC Public Health, 2020, 20, 356.	2.9	8
83	Safety and Tolerability of Mass Diethylcarbamazine and Albendazole Administration for the Elimination of Lymphatic Filariasis in Kenya: An Active Surveillance Study. Pharmaceuticals, 2021, 14, 264.	3.8	8
84	Diagnostics to support elimination of lymphatic filariasisâ€"Development of two target product profiles. PLoS Neglected Tropical Diseases, 2021, 15, e0009968.	3.0	8
85	An investigation of the disparity in estimates of microfilaraemia and antigenaemia in lymphatic filariasis surveys: FigureÂ1.. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 529-531.	1.8	7
86	Modulation of immune responses by Plasmodium falciparum infection in asymptomatic children living in the endemic region of Mbita, western Kenya. Parasitology International, 2018, 67, 284-293.	1.3	7
87	Domains of transmission and association of community, school, and household sanitation with soil-transmitted helminth infections among children in coastal Kenya. PLoS Neglected Tropical Diseases, 2019, 13, e0007488.	3.0	7
88	Clinical and epidemiologic characteristics associated with dengue fever in Mombasa, Kenya. International Journal of Infectious Diseases, 2020, 100, 207-215.	3.3	7
89	Prevalence of Intestinal Parasitic Infections and Associated Water, Sanitation, and Hygiene Risk Factors among School Children in Mwea Irrigation Scheme, Kirinyaga County, Kenya. Journal of Tropical Medicine, 2020, 2020, 1-9.	1.7	7
90	Effects of Bacillus thuringiensis israelensis on Anopheles arabiensis. Journal of the American Mosquito Control Association, 2011, 27, 81-83.	0.7	6

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91	Impact of single annual treatment and four-monthly treatment for hookworm and Ascaris lumbricoides, and factors associated with residual infection among Kenyan school children. Infectious Diseases of Poverty, 2017, 6, 30.	3.7	6
92	Sickle Cell and Î±+-Thalassemia Traits Influence the Association between Ferritin and Hepcidin in Rural Kenyan Children Aged 14â€“26 Months. Journal of Nutrition, 2018, 148, 1903-1910.	2.9	6
93	Examining the appropriateness and reliability of the strategy of the Kenyan Comprehensive School Health Program. Global Health Promotion, 2020, 27, 78-87.	1.3	6
94	Implementation of Kenyan comprehensive school health program: improvement and association with studentsâ€™ academic attainment. Health Promotion International, 2020, 35, 1441-1461.	1.8	6
95	Associations between schistosomiasis and HIVâ€1 acquisition risk in four prospective cohorts: a nested caseâ€control analysis. Journal of the International AIDS Society, 2020, 23, e25534.	3.0	6
96	Assessment of malaria infection among pregnant women and children below five years of age attending rural health facilities of Kenya: A cross-sectional survey in two counties of Kenya. PLoS ONE, 2021, 16, e0257276.	2.5	6
97	Diversity of Taenia and Hydatigera (Cestoda: Taeniidae) in domestic dogs in Kenya. Parasitology Research, 2020, 119, 2863-2875.	1.6	5
98	Effective school-based preventive interventions for alcohol use in Africa: a systematic review. African Health Sciences, 2020, 20, 1397-1406.	0.7	5
99	Comparison of quantitative polymerase chain reaction, Kato-Katz and circulating cathodic antigen rapid test for the diagnosis of Schistosoma mansoni infection: A cross-sectional study in Kirinyaga County, Kenya. Current Research in Parasitology and Vector-borne Diseases, 2021, 1, 100029.	1.9	4
100	Potential of antibody test using Schistosoma mansoni recombinant serpin and RP26 to detect light-intensity infections in endemic areas. Parasitology International, 2021, 83, 102346.	1.3	4
101	Moving towards transformational WASH â€“ Authors' reply. The Lancet Global Health, 2019, 7, e1494-e1495.	6.3	3
102	Schistosomiasis was not associated with higher HIV-1 plasma or genital set point viral loads among HIV seroconverters from four cohort studies. PLoS Neglected Tropical Diseases, 2019, 13, e0007886.	3.0	2
103	The effect of sodium bicarbonate on a single dose of diethylcarbamazine therapy in patients with bancroftian filariasis in Kenya. Parasitology International, 1997, 46, 171-179.	1.3	1
104	Evaluation of the European Foundation Initiative into African Research in Neglected Tropical Diseases by the African Fellows. PLoS Neglected Tropical Diseases, 2013, 7, e2019.	3.0	1
105	Has the double burden of malnutrition reached pupils in rural western Kenya?. Pediatrics International, 2022, 64, .	0.5	1
106	Factors influencing school reâ€entry among adolescents in Kenya. Pediatrics International, 2022, 64, .	0.5	1
107	Effective school-based preventive interventions for alcohol use in Africa: a systematic review. African Health Sciences, 2020, 20, 1397-1406.	0.7	0