

Thumbi Mwangi

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

1,891
citations

236925

25
h-index

302126

39
g-index

81
all docs

81
docs citations

81
times ranked

2634
citing authors

#	ARTICLE	IF	CITATIONS
1	A spatiotemporal analysis of cattle herd movement in relation to drinking-water sources: implications for <i>Cryptosporidium</i> control in rural Kenya. <i>Environmental Science and Pollution Research</i> , 2022, 29, 34314-34324.	5.3	2
2	Rabies Elimination in Rural Kenya: Need for Improved Availability of Human Vaccines, Awareness and Knowledge on Rabies and Its Management Among Healthcare Workers. <i>Frontiers in Public Health</i> , 2022, 10, 769898.	2.7	4
3	United Against Rabies Forum: The One Health Concept at Work. <i>Frontiers in Public Health</i> , 2022, 10, 854419.	2.7	17
4	Incidence of chikungunya virus infections among Kenyan children with neurological disease, 2014–2018: A cohort study. <i>PLoS Medicine</i> , 2022, 19, e1003994.	8.4	5
5	Epidemiological and clinical characteristics of patients hospitalised with COVID-19 in Kenya: a multicentre cohort study. <i>BMJ Open</i> , 2022, 12, e049949.	1.9	8
6	Vaccination of household chickens results in a shift in young children's diet and improves child growth in rural Kenya. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	3
7	Endemic chikungunya fever in Kenyan children: a prospective cohort study. <i>BMC Infectious Diseases</i> , 2021, 21, 186.	2.9	14
8	Serological evidence of single and mixed infections of Rift Valley fever virus, <i>Brucella</i> spp. and <i>Coxiella burnetii</i> in dromedary camels in Kenya. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009275.	3.0	14
9	Impact of routine Newcastle disease vaccination on chicken flock size in smallholder farms in western Kenya. <i>PLoS ONE</i> , 2021, 16, e0248596.	2.5	5
10	The nexus between improved water supply and water-borne diseases in urban areas in Africa: a scoping review. <i>AAS Open Research</i> , 2021, 4, 27.	1.5	11
11	Digital Biosurveillance for Zoonotic Disease Detection in Kenya. <i>Pathogens</i> , 2021, 10, 783.	2.8	2
12	Using cross-species vaccination approaches to counter emerging infectious diseases. <i>Nature Reviews Immunology</i> , 2021, 21, 815-822.	22.7	17
13	A mixed methods study to evaluate participatory mapping for rural water safety planning in western Kenya. <i>PLoS ONE</i> , 2021, 16, e0255286.	2.5	5
14	Assessing the practicalities of joint snakebite and dog rabies control programs: Commonalities and potential pitfalls. <i>Toxicon: X</i> , 2021, 12, 100084.	2.9	1
15	Carriage of antimicrobial-resistant bacteria in a high-density informal settlement in Kenya is associated with environmental risk-factors. <i>Antimicrobial Resistance and Infection Control</i> , 2021, 10, 18.	4.1	16
16	Impact of livestock interventions on maternal and child nutrition outcomes in Africa: A systematic review and meta-analysis protocol. <i>AAS Open Research</i> , 2021, 4, 1.	1.5	1
17	An Assessment of Inter-Observer Agreement in Water Source Classification and Sanitary Risk Observations. <i>Exposure and Health</i> , 2020, 12, 809-822.	4.9	9
18	A longitudinal study of the association between domestic contact with livestock and contamination of household point-of-use stored drinking water in rural Siaya County (Kenya). <i>International Journal of Hygiene and Environmental Health</i> , 2020, 230, 113602.	4.3	8

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19	Effect of Inter-Observer Variation on the Association between Contamination Hazards and the Microbiological Quality of Water Sources: A Longitudinal Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9192.	2.6	0
20	Portable Rabies Virus Sequencing in Canine Rabies Endemic Countries Using the Oxford Nanopore MinION. <i>Viruses</i> , 2020, 12, 1255.	3.3	24
21	Mortality as the primary constraint to enhancing nutritional and financial gains from poultry: A multi-year longitudinal study of smallholder farmers in western Kenya. <i>PLoS ONE</i> , 2020, 15, e0233691.	2.5	9
22	The nexus between improved water supply and water-borne diseases in urban areas in Africa: a scoping review protocol. <i>AAS Open Research</i> , 2020, 3, 12.	1.5	8
23	Rapid in-country sequencing of whole virus genomes to inform rabies elimination programmes. <i>Wellcome Open Research</i> , 2020, 5, 3.	1.8	30
24	The nexus between water sufficiency and water-borne diseases in cities in Africa: a scoping review protocol. <i>AAS Open Research</i> , 2020, 3, 12.	1.5	9
25	Rapid in-country sequencing of whole virus genomes to inform rabies elimination programmes. <i>Wellcome Open Research</i> , 2020, 5, 3.	1.8	26
26	Title is missing!. , 2020, 15, e0233691.		0
27	Title is missing!. , 2020, 15, e0233691.		0
28	Title is missing!. , 2020, 15, e0233691.		0
29	Title is missing!. , 2020, 15, e0233691.		0
30	Rabies vaccine and immunoglobulin supply and logistics: Challenges and opportunities for rabies elimination in Kenya. <i>Vaccine</i> , 2019, 37, A28-A34.	3.8	18
31	A systematic mapping protocol of methods and practices employed in ecological niche modelling of anthrax. <i>Global Epidemiology</i> , 2019, 1, 100014.	1.5	1
32	Mobile phone-based surveillance for animal disease in rural communities: implications for detection of zoonoses spillover. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190020.	4.0	20
33	A social justice perspective on access to human rabies vaccines. <i>Vaccine</i> , 2019, 37, A3-A5.	3.8	24
34	A hundred years of rabies in Kenya and the strategy for eliminating dog-mediated rabies by 2030. <i>AAS Open Research</i> , 2019, 1, 23.	1.5	22
35	Zoonotic disease research in East Africa. <i>BMC Infectious Diseases</i> , 2018, 18, 545.	2.9	31
36	Risk factors for human brucellosis among a pastoralist community in South-West Kenya, 2015. <i>BMC Research Notes</i> , 2018, 11, 865.	1.4	7

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37	Enhanced surveillance for Rift Valley Fever in livestock during El Niño rains and threat of RVF outbreak, Kenya, 2015-2016. PLoS Neglected Tropical Diseases, 2018, 12, e0006353.	3.0	40
38	Seroprevalence and Factors Associated with <i>Coxiella burnetii</i> Infection in Small Ruminants in Baringo County, Kenya. Zoonoses and Public Health, 2017, 64, e31-e43.	2.2	16
39	Child height gain is associated with consumption of animal-source foods in livestock-owning households in Western Kenya. Public Health Nutrition, 2017, 20, 336-345.	2.2	20
40	Seroepidemiological Survey of Rift Valley Fever Virus in Ruminants in Garissa, Kenya. Vector-Borne and Zoonotic Diseases, 2017, 17, 141-146.	1.5	24
41	Microbiome sharing between children, livestock and household surfaces in western Kenya. PLoS ONE, 2017, 12, e0171017.	2.5	49
42	Evidence of superficial knowledge regarding antibiotics and their use: Results of two cross-sectional surveys in an urban informal settlement in Kenya. PLoS ONE, 2017, 12, e0185827.	2.5	19
43	Tool for Eliminating Dog-Mediated Human Rabies through Mass Dog Vaccination Campaigns. Emerging Infectious Diseases, 2017, 23, 2114-2116.	4.3	8
44	Cryptosporidium infection in calves and the environment in Asembo, Western Kenya: 2015. Pan African Medical Journal, 2017, 28, 9.	0.8	7
45	Catalysts for implementation of One Health in Kenya. Pan African Medical Journal, 2017, 28, 1.	0.8	52
46	Animal pathogens and their impact on animal health, the economy, food security, food safety and public health. OIE Revue Scientifique Et Technique, 2017, 36, 423-433.	1.2	44
47	No Serologic Evidence of Middle East Respiratory Syndrome Coronavirus Infection Among Camel Farmers Exposed to Highly Seropositive Camel Herds: A Household Linked Study, Kenya, 2013. American Journal of Tropical Medicine and Hygiene, 2017, 96, 1318-1324.	1.4	33
48	Relations between Household Livestock Ownership, Livestock Disease, and Young Child Growth. Journal of Nutrition, 2016, 146, 1118-1124.	2.9	28
49	Characterising the taxonomic composition of children and livestock gut microbiomes and of environmental samples and the potential role for household-level microbiome sharing in western Kenya. The Lancet Global Health, 2016, 4, S20.	6.3	2
50	Seroprevalence of respiratory viral pathogens of indigenous calves in Western Kenya. Research in Veterinary Science, 2016, 108, 120-124.	1.9	11
51	Predictive Factors and Risk Mapping for Rift Valley Fever Epidemics in Kenya. PLoS ONE, 2016, 11, e0144570.	2.5	38
52	Prioritization of Zoonotic Diseases in Kenya, 2015. PLoS ONE, 2016, 11, e0161576.	2.5	118
53	Co-infections determine patterns of mortality in a population exposed to parasite infection. Science Advances, 2015, 1, e1400026.	10.3	60
54	A systematic review of Rift Valley Fever epidemiology 1931-2014. Infection Ecology and Epidemiology, 2015, 5, 28024.	0.8	152

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55	A review of 40 years of enteric antimicrobial resistance research in Eastern Africa: what can be done better?. <i>Antimicrobial Resistance and Infection Control</i> , 2015, 4, 1.	4.1	97
56	The epidemiology of tick-borne haemoparasites as determined by the reverse line blot hybridization assay in an intensively studied cohort of calves in western Kenya. <i>Veterinary Parasitology</i> , 2015, 210, 69-76.	1.8	41
57	Randomized Controlled Field Trial to Assess the Immunogenicity and Safety of Rift Valley Fever Clone 13 Vaccine in Livestock. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003550.	3.0	33
58	Variation and covariation in strongyle infection in East African shorthorn zebu calves. <i>Parasitology</i> , 2015, 142, 499-511.	1.5	3
59	Strong Association Between Human and Animal Brucella Seropositivity in a Linked Study in Kenya, 2012–2013. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 224-231.	1.4	65
60	Linking Human Health and Livestock Health: A “One-Health” Platform for Integrated Analysis of Human Health, Livestock Health, and Economic Welfare in Livestock Dependent Communities. <i>PLoS ONE</i> , 2015, 10, e0120761.	2.5	78
61	The Relationship between Livestock Ownership and Child Stunting in Three Countries in Eastern Africa Using National Survey Data. <i>PLoS ONE</i> , 2015, 10, e0136686.	2.5	44
62	Parasite Co-Infections and Their Impact on Survival of Indigenous Cattle. <i>PLoS ONE</i> , 2014, 9, e76324.	2.5	55
63	Genome-wide analysis reveals the ancient and recent admixture history of East African Shorthorn Zebu from Western Kenya. <i>Heredity</i> , 2014, 113, 297-305.	2.6	74
64	A longitudinal assessment of the serological response to <i>Theileria parva</i> and other tick-borne parasites from birth to one year in a cohort of indigenous calves in western Kenya. <i>Parasitology</i> , 2014, 141, 1289-1298.	1.5	17
65	The impact of co-infections on the haematological profile of East African Short-horn Zebu calves. <i>Parasitology</i> , 2014, 141, 374-388.	1.5	35
66	Bluetongue and Epizootic Haemorrhagic Disease virus in local breeds of cattle in Kenya. <i>Research in Veterinary Science</i> , 2013, 94, 769-773.	1.9	29
67	Design and descriptive epidemiology of the Infectious Diseases of East African Livestock (IDEAL) project, a longitudinal calf cohort study in western Kenya. <i>BMC Veterinary Research</i> , 2013, 9, 171.	1.9	33
68	Mortality in East African shorthorn zebu cattle under one year: predictors of infectious-disease mortality. <i>BMC Veterinary Research</i> , 2013, 9, 175.	1.9	31
69	Hematological profile of East African short-horn zebu calves from birth to 51 weeks of age. <i>Comparative Clinical Pathology</i> , 2013, 22, 1029-1036.	0.7	11
70	Genetic susceptibility to infectious disease in East African Shorthorn Zebu: a genome-wide analysis of the effect of heterozygosity and exotic introgression. <i>BMC Evolutionary Biology</i> , 2013, 13, 246.	3.2	23
71	Maternal antibody uptake, duration and influence on survival and growth rate in a cohort of indigenous calves in a smallholder farming system in western Kenya. <i>Veterinary Immunology and Immunopathology</i> , 2013, 155, 129-134.	1.2	12
72	Parasite co-infections show synergistic and antagonistic interactions on growth performance of East African zebu cattle under one year. <i>Parasitology</i> , 2013, 140, 1789-1798.	1.5	28

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73	A live weightâ€”heart girth relationship for accurate dosing of east African shorthorn zebu cattle. <i>Tropical Animal Health and Production</i> , 2012, 45, 311-316.	1.4	30
74	Spatial distribution of African Animal Trypanosomiasis in Suba and Teso districts in Western Kenya. <i>BMC Research Notes</i> , 2010, 3, 6.	1.4	20
75	Comparative evaluation of three PCR base diagnostic assays for the detection of pathogenic trypanosomes in cattle blood. <i>Parasites and Vectors</i> , 2008, 1, 46.	2.5	29
76	Impact of livestock interventions on maternal and child nutrition outcomes in Africa: A systematic review and meta-analysis protocol. <i>AAS Open Research</i> , 0, 4, 1.	1.5	1
77	A hundred years of rabies in Kenya and the strategy for eliminating dog-mediated rabies by 2030. <i>AAS Open Research</i> , 0, 1, 23.	1.5	4
78	Dog health and demographic surveillance survey in Western Kenya: Demography and management practices relevant for rabies transmission and control. <i>AAS Open Research</i> , 0, 2, 5.	1.5	5
79	Delays in initiating rabies post-exposure prophylaxis among dog bite victims in Wakiso and Kampala districts, Uganda. <i>AAS Open Research</i> , 0, 4, 49.	1.5	0
80	Delays in initiating rabies post-exposure prophylaxis among dog bite victims in Wakiso and Kampala districts, Uganda. <i>AAS Open Research</i> , 0, 4, 49.	1.5	0