Thumbi Mwangi

List of Publications by Year
in descending order

80	1,891	236925 25	302126 39
papers	citations	h-index	g-index

81	81	81	2634
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A systematic review of Rift Valley Fever epidemiology 1931â€“2014. Infection Ecology and Epidemiology, 2015, 5, 28024.	0.8	152
2	Prioritization of Zoonotic Diseases in Kenya, 2015. PLoS ONE, 2016, 11, e0161576.	2.5	118
3	A review of 40Âyears of enteric antimicrobial resistance research in Eastern Africa: what can be done better?. Antimicrobial Resistance and Infection Control, 2015, 4, 1.	4.1	97
4	Linking Human Health and Livestock Health: A â€œOne-Healthâ€•Platform for Integrated Analysis of Human Health, Livestock Health, and Economic Welfare in Livestock Dependent Communities. PLoS ONE, 2015, 10, e0120761.	2.5	78
5	Genome-wide analysis reveals the ancient and recent admixture history of East African Shorthorn Zebu from Western Kenya. Heredity, 2014, 113, 297-305.	2.6	74
6	Strong Association Between Human and Animal Brucella Seropositivity in a Linked Study in Kenya, 2012â€“2013. American Journal of Tropical Medicine and Hygiene, 2015, 93, 224-231.	1.4	65
7	Co-infections determine patterns of mortality in a population exposed to parasite infection. Science Advances, 2015, 1, e1400026.	10.3	60
8	Parasite Co-Infections and Their Impact on Survival of Indigenous Cattle. PLoS ONE, 2014, 9, e76324.	2.5	55
9	Catalysts for implementation of One Health in Kenya. Pan African Medical Journal, 2017, 28, 1.	0.8	52
10	Microbiome sharing between children, livestock and household surfaces in western Kenya. PLoS ONE, 2017, 12, e0171017.	2.5	49
11	The Relationship between Livestock Ownership and Child Stunting in Three Countries in Eastern Africa Using National Survey Data. PLoS ONE, 2015, 10, e0136686.	2.5	44
12	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
13	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. Veterinary Parasitology, 2015, 210, 69-76.	1.8	41
14	Enhanced surveillance for Rift Valley Fever in livestock during El NiÃ±o rains and threat of RVF outbreak, Kenya, 2015-2016. PLoS Neglected Tropical Diseases, 2018, 12, e0006353.	3.0	40
15	Predictive Factors and Risk Mapping for Rift Valley Fever Epidemics in Kenya. PLoS ONE, 2016, 11, e0144570.	2.5	38
16	The impact of co-infections on the haematological profile of East African Short-horn Zebu calves. Parasitology, 2014, 141, 374-388.	1.5	35
17	Design and descriptive epidemiology of the Infectious Diseases of East African Livestock (IDEAL) project, a longitudinal calf cohort study in western Kenya. BMC Veterinary Research, 2013, 9, 171.	1.9	33
18	Randomized Controlled Field Trial to Assess the Immunogenicity and Safety of Rift Valley Fever Clone 13 Vaccine in Livestock. PLoS Neglected Tropical Diseases, 2015, 9, e0003550.	3.0	33

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19	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
20	Mortality in East African shorthorn zebu cattle under one year: predictors of infectious-disease mortality. BMC Veterinary Research, 2013, 9, 175.	1.9	31
21	Zoonotic disease research in East Africa. BMC Infectious Diseases, 2018, 18, 545.	2.9	31
22	A live weightâ€“heart girth relationship for accurate dosing of east African shorthorn zebu cattle. Tropical Animal Health and Production, 2012, 45, 311-316.	1.4	30
23	Rapid in-country sequencing of whole virus genomes to inform rabies elimination programmes. Wellcome Open Research, 2020, 5, 3.	1.8	30
24	Comparative evaluation of three PCR base diagnostic assays for the detection of pathogenic trypanosomes in cattle blood. Parasites and Vectors, 2008, 1, 46.	2.5	29
25	Bluetongue and Epizootic Haemorrhagic Disease virus in local breeds of cattle in Kenya. Research in Veterinary Science, 2013, 94, 769-773.	1.9	29
26	Parasite co-infections show synergistic and antagonistic interactions on growth performance of East African zebu cattle under one year. Parasitology, 2013, 140, 1789-1798.	1.5	28
27	Relations between Household Livestock Ownership, Livestock Disease, and Young Child Growth. Journal of Nutrition, 2016, 146, 1118-1124.	2.9	28
28	Rapid in-country sequencing of whole virus genomes to inform rabies elimination programmes. Wellcome Open Research, 2020, 5, 3.	1.8	26
29	Seroepidemiological Survey of Rift Valley Fever Virus in Ruminants in Garissa, Kenya. Vector-Borne and Zoonotic Diseases, 2017, 17, 141-146.	1.5	24
30	A social justice perspective on access to human rabies vaccines. Vaccine, 2019, 37, A3-A5.	3.8	24
31	Portable Rabies Virus Sequencing in Canine Rabies Endemic Countries Using the Oxford Nanopore MinION. Viruses, 2020, 12, 1255.	3.3	24
32	Genetic susceptibility to infectious disease in East African Shorthorn Zebu: a genome-wide analysis of the effect of heterozygosity and exotic introgression. BMC Evolutionary Biology, 2013, 13, 246.	3.2	23
33	A hundred years of rabies in Kenya and the strategy for eliminating dog-mediated rabies by 2030. AAS Open Research, 2019, 1, 23.	1.5	22
34	Spatial distribution of African Animal Trypanosomiasis in Suba and Teso districts in Western Kenya. BMC Research Notes, 2010, 3, 6.	1.4	20
35	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
36	Mobile phone-based surveillance for animal disease in rural communities: implications for detection of zoonoses spillover. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190020.	4.0	20

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37	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
38	Rabies vaccine and immunoglobulin supply and logistics: Challenges and opportunities for rabies elimination in Kenya. Vaccine, 2019, 37, A28-A34.	3.8	18
39	A longitudinal assessment of the serological response toTheileria parvaand other tick-borne parasites from birth to one year in a cohort of indigenous calves in western Kenya. Parasitology, 2014, 141, 1289-1298.	1.5	17
40	Using cross-species vaccination approaches to counter emerging infectious diseases. Nature Reviews Immunology, 2021, 21, 815-822.	22.7	17
41	United Against Rabies Forum: The One Health Concept at Work. Frontiers in Public Health, 2022, 10, 854419.	2.7	17
42	Seroprevalence and Factors Associated with Coxiella burnetii Infection in Small Ruminants in Baringo County, Kenya. Zoonoses and Public Health, 2017, 64, e31-e43.	2.2	16
43	Carriage of antimicrobial-resistant bacteria in a high-density informal settlement in Kenya is associated with environmental risk-factors. Antimicrobial Resistance and Infection Control, 2021, 10, 18.	4.1	16
44	Endemic chikungunya fever in Kenyan children: a prospective cohort study. BMC Infectious Diseases, 2021, 21, 186.	2.9	14
45	Serological evidence of single and mixed infections of Rift Valley fever virus, Brucella spp. and Coxiella burnetii in dromedary camels in Kenya. PLoS Neglected Tropical Diseases, 2021, 15, e0009275.	3.0	14
46	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. Veterinary Immunology and Immunopathology, 2013, 155, 129-134.	1.2	12
47	Hematological profile of East African short-horn zebu calves from birth to 51Âweeks of age. Comparative Clinical Pathology, 2013, 22, 1029-1036.	0.7	11
48	Seroprevalence of respiratory viral pathogens of indigenous calves in Western Kenya. Research in Veterinary Science, 2016, 108, 120-124.	1.9	11
49	The nexus between improved water supply and water-borne diseases in urban areas in Africa: a scoping review. AAS Open Research, 2021, 4, 27.	1.5	11
50	An Assessment of Inter-Observer Agreement in Water Source Classification and Sanitary Risk Observations. Exposure and Health, 2020, 12, 809-822.	4.9	9
51	Mortality as the primary constraint to enhancing nutritional and financial gains from poultry: A multi-year longitudinal study of smallholder farmers in western Kenya. PLoS ONE, 2020, 15, e0233691.	2.5	9
52	The nexus between water sufficiency and water-borne diseases in cities in Africa: a scoping review protocol. AAS Open Research, 2020, 3, 12.	1.5	9
53	Tool for Eliminating Dog-Mediated Human Rabies through Mass Dog Vaccination Campaigns. Emerging Infectious Diseases, 2017, 23, 2114-2116.	4.3	8
54	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). International Journal of Hygiene and Environmental Health, 2020, 230, 113602.	4.3	8

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55	The nexus between improved water supply and water-borne diseases in urban areas in Africa: a scoping review protocol. AAS Open Research, 2020, 3, 12.	1.5	8
56	Epidemiological and clinical characteristics of patients hospitalised with COVID-19 in Kenya: a multicentre cohort study. BMJ Open, 2022, 12, e049949.	1.9	8
57	Cryptosporidium infection in calves and the environment in Asembo, Western Kenya: 2015. Pan African Medical Journal, 2017, 28, 9.	0.8	7
58	Risk factors for human brucellosis among a pastoralist community in South-West Kenya, 2015. BMC Research Notes, 2018, 11, 865.	1.4	7
59	Impact of routine Newcastle disease vaccination on chicken flock size in smallholder farms in western Kenya. PLoS ONE, 2021, 16, e0248596.	2.5	5
60	A mixed methods study to evaluate participatory mapping for rural water safety planning in western Kenya. PLoS ONE, 2021, 16, e0255286.	2.5	5
61	Dog health and demographic surveillance survey in Western Kenya: Demography and management practices relevant for rabies transmission and control. AAS Open Research, 0, 2, 5.	1.5	5
62	Incidence of chikungunya virus infections among Kenyan children with neurological disease, 2014â€“2018: A cohort study. PLoS Medicine, 2022, 19, e1003994.	8.4	5
63	A hundred years of rabies in Kenya and the strategy for eliminating dog-mediated rabies by 2030. AAS Open Research, 0, 1, 23.	1.5	4
64	Rabies Elimination in Rural Kenya: Need for Improved Availability of Human Vaccines, Awareness and Knowledge on Rabies and Its Management Among Healthcare Workers. Frontiers in Public Health, 2022, 10, 769898.	2.7	4
65	Variation and covariation in strongyle infection in East African shorthorn zebu calves. Parasitology, 2015, 142, 499-511.	1.5	3
66	Vaccination of household chickens results in a shift in young childrenâ€™s diet and improves child growth in rural Kenya. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	3
67	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
68	Digital Biosurveillance for Zoonotic Disease Detection in Kenya. Pathogens, 2021, 10, 783.	2.8	2
69	A spatiotemporal analysis of cattle herd movement in relation to drinking-water sources: implications for Cryptosporidium control in rural Kenya. Environmental Science and Pollution Research, 2022, 29, 34314-34324.	5.3	2
70	A systematic mapping protocol of methods and practices employed in ecological niche modelling of anthrax. Global Epidemiology, 2019, 1, 100014.	1.5	1
71	Impact of livestock interventions on maternal and child nutrition outcomes in Africa: A systematic review and meta-analysis protocol. AAS Open Research, 0, 4, 1.	1.5	1
72	Assessing the practicalities of joint snakebite and dog rabies control programs: Commonalities and potential pitfalls. Toxicon: X, 2021, 12, 100084.	2.9	1

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73	Impact of livestock interventions on maternal and child nutrition outcomes in Africa: A systematic review and meta-analysis protocol. AAS Open Research, 2021, 4, 1.	1.5	1
74	Effect of Inter-Observer Variation on the Association between Contamination Hazards and the Microbiological Quality of Water Sources: A Longitudinal Study. International Journal of Environmental Research and Public Health, 2020, 17, 9192.	2.6	0
75	Delays in initiating rabies post-exposure prophylaxis among dog bite victims in Wakiso and Kampala districts, Uganda. AAS Open Research, 0, 4, 49.	1.5	0
76	Delays in initiating rabies post-exposure prophylaxis among dog bite victims in Wakiso and Kampala districts, Uganda. AAS Open Research, 0, 4, 49.	1.5	0
77	Title is missing!. , 2020, 15, e0233691.		0
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79	Title is missing!. , 2020, 15, e0233691.		0
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