

Rudovick R Kazwala

List of Publications by Year in descending order

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66
papers

1,677
citations

331670

21
h-index

330143

37
g-index

66
all docs

66
docs citations

66
times ranked

2252
citing authors

#	ARTICLE	IF	CITATIONS
1	The Global One Health Paradigm: Challenges and Opportunities for Tackling Infectious Diseases at the Human, Animal, and Environment Interface in Low-Resource Settings. PLoS Neglected Tropical Diseases, 2014, 8, e3257.	3.0	210
2	Epidemiology of Leptospirosis in Africa: A Systematic Review of a Neglected Zoonosis and a Paradigm for "One Health" in Africa. PLoS Neglected Tropical Diseases, 2015, 9, e0003899.	3.0	105
3	Quantifying Risk Factors for Human Brucellosis in Rural Northern Tanzania. PLoS ONE, 2010, 5, e9968.	2.5	98
4	Implementing One Health approaches to confront emerging and re-emerging zoonotic disease threats: lessons from PREDICT. One Health Outlook, 2020, 2, 1.	3.4	98
5	Mobile Phones As Surveillance Tools: Implementing and Evaluating a Large-Scale Intersectoral Surveillance System for Rabies in Tanzania. PLoS Medicine, 2016, 13, e1002002.	8.4	85
6	Epidemiology of Brucella infection in the human, livestock and wildlife interface in the Katavi-Rukwa ecosystem, Tanzania. BMC Veterinary Research, 2015, 11, 189.	1.9	75
7	Endemic zoonoses in the tropics: a public health problem hiding in plain sight. Veterinary Record, 2015, 176, 220-225.	0.3	68
8	Waves of endemic foot-and-mouth disease in eastern Africa suggest feasibility of proactive vaccination approaches. Nature Ecology and Evolution, 2018, 2, 1449-1457.	7.8	66
9	Elucidating the phylodynamics of endemic rabies virus in eastern Africa using whole-genome sequencing. Virus Evolution, 2015, 1, vev011.	4.9	55
10	Predominant Leptospiral Serogroups Circulating among Humans, Livestock and Wildlife in Katavi-Rukwa Ecosystem, Tanzania. PLoS Neglected Tropical Diseases, 2015, 9, e0003607.	3.0	48
11	Prevalence and Antimicrobial Resistance of <i>Campylobacter</i> Isolated from Dressed Beef Carcasses and Raw Milk in Tanzania. Microbial Drug Resistance, 2016, 22, 40-52.	2.0	47
12	Mixed Methods Survey of Zoonotic Disease Awareness and Practice among Animal and Human Healthcare Providers in Moshi, Tanzania. PLoS Neglected Tropical Diseases, 2016, 10, e0004476.	3.0	38
13	Risk Factors for Human Brucellosis in Northern Tanzania. American Journal of Tropical Medicine and Hygiene, 2018, 98, 598-606.	1.4	34
14	Risk factors for human acute leptospirosis in northern Tanzania. PLoS Neglected Tropical Diseases, 2018, 12, e0006372.	3.0	33
15	Comparing Methods of Assessing Dog Rabies Vaccination Coverage in Rural and Urban Communities in Tanzania. Frontiers in Veterinary Science, 2017, 4, 33.	2.2	31
16	Reproduction of East-African bats may guide risk mitigation for coronavirus spillover. One Health Outlook, 2020, 2, 2.	3.4	31
17	Prevalence and speciation of brucellosis in febrile patients from a pastoralist community of Tanzania. Scientific Reports, 2020, 10, 7081.	3.3	30
18	Self-Reported Symptoms and Pesticide Use among Farm Workers in Arusha, Northern Tanzania: A Cross Sectional Study. Toxics, 2017, 5, 24.	3.7	25

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19	The Economic Impact of Malignant Catarrhal Fever on Pastoralist Livelihoods. PLoS ONE, 2015, 10, e0116059.	2.5	24
20	Integrating serological and genetic data to quantify cross-species transmission: brucellosis as a case study. Parasitology, 2016, 143, 821-834.	1.5	24
21	Incidence of human brucellosis in the Kilimanjaro Region of Tanzania in the periods 2007–2008 and 2012–2014. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2018, 112, 136-143.	1.8	24
22	Investigating the Meat Pathway as a Source of Human Nontyphoidal <i>Salmonella</i> Bloodstream Infections and Diarrhea in East Africa. Clinical Infectious Diseases, 2021, 73, e1570-e1578.	5.8	23
23	One Health: a concept led by Africa, with global benefits. Veterinary Record, 2015, 176, 496-497.	0.3	20
24	Brucellosis Risk in Urban and Agro-pastoral Areas in Tanzania. EcoHealth, 2018, 15, 41-51.	2.0	19
25	Assessment of sputum smear-positive but culture-negative results among newly diagnosed pulmonary tuberculosis patients in Tanzania. International Journal of General Medicine, 2017, Volume 10, 199-205.	1.8	17
26	Rabies shows how scale of transmission can enable acute infections to persist at low prevalence. Science, 2022, 376, 512-516.	12.6	17
27	Association of Long-Term Pesticide Exposure and Biologic Parameters in Female Farm Workers in Tanzania: A Cross Sectional Study. Toxics, 2016, 4, 25.	3.7	16
28	Herd-level risk factors associated with Brucella sero-positivity in cattle, and perception and behaviours on the disease control among agro-pastoralists in Tanzania. Acta Tropica, 2018, 187, 99-107.	2.0	16
29	Comparison of intervention methods for reducing human exposure to Mycobacterium bovis through milk in pastoralist households of Tanzania. Preventive Veterinary Medicine, 2014, 115, 157-165.	1.9	15
30	Performance characteristics and costs of serological tests for brucellosis in a pastoralist community of northern Tanzania. Scientific Reports, 2021, 11, 5480.	3.3	15
31	Epidemiology and RAPD-PCR typing of thermophilic campylobacters from children under five years and chickens in Morogoro Municipality, Tanzania. BMC Infectious Diseases, 2016, 16, 692.	2.9	14
32	Strain diversity of Treponema pallidum subsp. pertenue suggests rare interspecies transmission in African nonhuman primates. Scientific Reports, 2019, 9, 14243.	3.3	14
33	Quantitative analysis of risk factors associated with brucellosis in livestock in the Katavi-Rukwa ecosystem, Tanzania. Tropical Animal Health and Production, 2016, 48, 303-309.	1.4	13
34	Controlling Human Rabies: The Development of an Effective, Inexpensive and Locally Made Passive Cooling Device for Storing Thermotolerant Animal Rabies Vaccines. Tropical Medicine and Infectious Disease, 2020, 5, 130.	2.3	13
35	The efficacy of alcelaphine herpesvirus-1 (ALHV-1) immunization with the adjuvants Emulsigen Â® and the monomeric TLR5 ligand FliC in zebu cattle against ALHV-1 malignant catarrhal fever induced by experimental virus challenge. Veterinary Microbiology, 2016, 195, 144-153.	1.9	11
36	Serological and molecular evidence of Brucella species in the rapidly growing pig sector in Kenya. BMC Veterinary Research, 2020, 16, 133.	1.9	11

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37	Molecular epidemiology of Brucella species in mixed livestock-human ecosystems in Kenya. Scientific Reports, 2021, 11, 8881.	3.3	11
38	Utility of the Rose Bengal Test as a Point-of-Care Test for Human Brucellosis in Endemic African Settings: A Systematic Review. Journal of Tropical Medicine, 2020, 2020, 1-20.	1.7	10
39	Seroprevalence of brucellosis in small ruminants and related risk behaviours among humans in different husbandry systems in Mali. PLoS ONE, 2021, 16, e0245283.	2.5	10
40	Molecular Detection and Typing of Pathogenic Leptospira in Febrile Patients and Phylogenetic Comparison with Leptospira Detected among Animals in Tanzania. American Journal of Tropical Medicine and Hygiene, 2020, 103, 1427-1434.	1.4	10
41	Incidence Estimates of Acute Q Fever and Spotted Fever Group Rickettsioses, Kilimanjaro, Tanzania, from 2007 to 2008 and from 2012 to 2014. American Journal of Tropical Medicine and Hygiene, 2022, 106, 494-503.	1.4	10
42	Human leptospirosis in Tanzania: sequencing and phylogenetic analysis confirm that pathogenic Leptospira species circulate among agro-pastoralists living in Katavi-Rukwa ecosystem. BMC Infectious Diseases, 2016, 16, 273.	2.9	9
43	Assessment of GeneXpertÂGxAlert platform for multi-drug resistant tuberculosis diagnosis and patientsâ€™ linkage to care in Tanzania. BMC Research Notes, 2018, 11, 121.	1.4	9
44	Developing a Global One Health Workforce: The â€œOne Health Summer Instituteâ€ Approach. EcoHealth, 2020, 17, 222-232.	2.0	8
45	Fruit bats in flight: a look into the movements of the ecologically important Eidolon helvum in Tanzania. One Health Outlook, 2020, 2, 16.	3.4	8
46	Seasonal movements and habitat use of African buffalo in Ruaha National Park, Tanzania. BMC Ecology, 2020, 20, 6.	3.0	8
47	Determinants of treatment-seeking behavior during self-reported febrile illness episodes using the socio-ecological model in Kilombero District, Tanzania. BMC Public Health, 2021, 21, 1075.	2.9	8
48	Alcelaphine Herpesvirus-1 (Malignant Catarrhal Fever Virus) in Wildebeest Placenta: Genetic Variation of ORF50 and A9.5 Alleles. PLoS ONE, 2015, 10, e0124121.	2.5	8
49	Development of an Item Scale to Assess Attitudes towards Domestic Dogs in the United Republic of Tanzania. Anthrozoos, 2008, 21, 285-295.	1.4	7
50	Lay attitudes and misconceptions and their implications for the control of brucellosis in an agro-pastoral community in Kilombero district, Tanzania. PLoS Neglected Tropical Diseases, 2021, 15, e0009500.	3.0	7
51	Latent class evaluation of the performance of serological tests for exposure to Brucella spp. in cattle, sheep, and goats in Tanzania. PLoS Neglected Tropical Diseases, 2021, 15, e0009630.	3.0	7
52	Investigating the Efficacy of a Canine Rabies Vaccine Following Storage Outside of the Cold-Chain in a Passive Cooling Device. Frontiers in Veterinary Science, 2021, 8, 728271.	2.2	7
53	Knowledge, attitude and practices of frontline health workers in relation to detection of brucellosis in rural settings of Tanzania: a cross-sectional study. One Health Outlook, 2022, 4, 1.	3.4	7
54	Rotavirus Burden, Genetic Diversity and Impact of Vaccine in Children under Five in Tanzania. Pathogens, 2019, 8, 210.	2.8	6

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55	Health of African Buffalos (<i>Syncerus caffer</i>) in Ruaha National Park, Tanzania. <i>Journal of Wildlife Diseases</i> , 2020, 56, 495.	0.8	6
56	Development of Dog Vaccination Strategies to Maintain Herd Immunity against Rabies. <i>Viruses</i> , 2022, 14, 830.	3.3	6
57	Genome sequence of <i>Mycobacterium yongonense</i> RT 955-2015 isolate from a patient misdiagnosed with multidrug-resistant tuberculosis: First clinical detection in Tanzania. <i>International Journal of Infectious Diseases</i> , 2018, 71, 82-88.	3.3	5
58	Subnational operationalization of One Health: lessons from the establishment of One Health rapid response teams in Tanzania. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2020, 114, 538-540.	1.8	5
59	Demographics and parasites of African buffalo (<i>Syncerus caffer</i>) in Tanzania. <i>African Journal of Ecology</i> , 2016, 54, 146-153.	0.9	4
60	Genome-wide investigations reveal the population structure and selection signatures of Nigerian cattle adaptation in the sub-Saharan tropics. <i>BMC Genomics</i> , 2022, 23, 306.	2.8	4
61	Serosurvey of <i>Treponema pallidum</i> infection among children with skin ulcers in the Tarangire-Manyara ecosystem, northern Tanzania. <i>BMC Infectious Diseases</i> , 2020, 20, 392.	2.9	3
62	Quantitative evaluation of the infection dynamics of bovine brucellosis in Tanzania. <i>Preventive Veterinary Medicine</i> , 2021, 194, 105425.	1.9	3
63	Estimating acute human leptospirosis incidence in northern Tanzania using sentinel site and community behavioural surveillance. <i>Zoonoses and Public Health</i> , 2020, 67, 496-505.	2.2	3
64	Gendered asymmetry of access to knowledge for brucellosis control among pastoral communities in north-west Côte d'Ivoire. <i>Pastoralism</i> , 2022, 12, .	1.0	3
65	Use of a Participatory Method for Community-Based Brucellosis Control Design in Agro-Pastoral Areas in Tanzania. <i>Frontiers in Veterinary Science</i> , 2022, 9, 767198.	2.2	2
66	Student and Institutional Achievements during an OIE Veterinary Education Twinning Project Collaboration between Sokoine University of Agriculture and Kansas State University. <i>Journal of Veterinary Medical Education</i> , 2020, 47, e20190121.	0.6	0