

Edgar Simulundu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63 papers	584 citations	13 h-index	21 g-index
83 ext. papers	922 ext. citations	4.9 avg, IF	3.56 L-index

#	Paper	IF	Citations
63	Current knowledge of vector-borne zoonotic pathogens in Zambia: A clarion call to scaling-up "One Health" research in the wake of emerging and re-emerging infectious diseases.. <i>PLoS Neglected Tropical Diseases</i> , 2022 , 16, e0010193	4.8	1
62	Characterisation of <i>Oreochromis niloticus</i> fish species of Lake Kariba, Zambia, using morphological, meristic and genetic methods. <i>Aquaculture, Fish and Fisheries</i> , 2022 , 2, 116-129		
61	An unusually long Rift valley fever inter-epizootic period in Zambia: Evidence for enzootic virus circulation and risk for disease outbreak. <i>PLoS Neglected Tropical Diseases</i> , 2022 , 16, e0010420	4.8	0
60	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. <i>Science</i> , 2021 , 374, 423-431	33.3	35
59	Hepatitis E virus infection in pigs: a first report from Zambia. <i>Emerging Microbes and Infections</i> , 2021 , 10, 2169-2172	18.9	
58	in <i>Ornithodoros Porcinus</i> Ticks, Zambia. <i>Pathogens</i> , 2021 , 10,	4.5	1
57	Domestic dog demographics and estimates of canine vaccination coverage in a rural area of Zambia for the elimination of rabies. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009222	4.8	2
56	Molecular Detection and Genotyping of Like Endosymbionts in Ticks Collected from Animals and Vegetation in Zambia. <i>Pathogens</i> , 2021 , 10,	4.5	2
55	Molecular Detection and Characterization of Species in Ticks Collected From Cattle in Southern Zambia. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 684487	3.1	5
54	Serologic and molecular evidence for circulation of Crimean-Congo hemorrhagic fever virus in ticks and cattle in Zambia. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009452	4.8	3
53	Bacteriological profile and antimicrobial efficacy of alcohol-based hand rubs among health care workers and family caregivers at the children's university teaching hospital in Lusaka, Zambia. <i>Scientific African</i> , 2021 , 12, e00775	1.7	
52	Screening of tick-borne pathogens in argasid ticks in Zambia: Expansion of the geographic distribution of <i>Rickettsia lusitaniae</i> and <i>Rickettsia hoogstraalii</i> and detection of putative novel <i>Anaplasma</i> species. <i>Ticks and Tick-borne Diseases</i> , 2021 , 12, 101720	3.6	7
51	First COVID-19 case in Zambia - Comparative phylogenomic analyses of SARS-CoV-2 detected in African countries. <i>International Journal of Infectious Diseases</i> , 2021 , 102, 455-459	10.5	7
50	Prevalence and genetic diversity of Shibuyunji virus, a novel tick-borne phlebovirus identified in Zambia. <i>Archives of Virology</i> , 2021 , 166, 915-919	2.6	1
49	Detection of B.1.351 SARS-CoV-2 Variant Strain - Zambia, December 2020. <i>Morbidity and Mortality Weekly Report</i> , 2021 , 70, 280-282	31.7	59
48	COVID-19 vaccine hesitancy in Zambia: a glimpse at the possible challenges ahead for COVID-19 vaccination rollout in sub-Saharan Africa. <i>Human Vaccines and Immunotherapeutics</i> , 2021 , 1-6	4.4	16
47	Pigs as a potential source of emerging livestock-associated <i>Staphylococcus aureus</i> in Africa: a systematic review. <i>International Journal of Infectious Diseases</i> , 2021 , 109, 38-49	10.5	1

46	Attenuated infection by a Pteropine orthoreovirus isolated from an Egyptian fruit bat in Zambia. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009768	4.8	1
45	Facility-based surveillance for influenza and respiratory syncytial virus in rural Zambia. <i>BMC Infectious Diseases</i> , 2021 , 21, 986	4	2
44	Influenza A and D Viruses in Non-Human Mammalian Hosts in Africa: A Systematic Review and Meta-Analysis.. <i>Viruses</i> , 2021 , 13,	6.2	1
43	Evidence for exposure of asymptomatic domestic pigs to African swine fever virus during an inter-epidemic period in Zambia. <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 2741-2752	4.2	7
42	West Nile Virus in Farmed Crocodiles, Zambia, 2019. <i>Emerging Infectious Diseases</i> , 2020 , 26, 811-814	10.2	5
41	Genetic and Biological Diversity of Porcine Sapeloviruses Prevailing in Zambia. <i>Viruses</i> , 2020 , 12,	6.2	3
40	Prevalence and genotypic characterization of isolates from asymptomatic school-going children in Lusaka, Zambia. <i>Food and Waterborne Parasitology</i> , 2020 , 19, e00072	6	8
39	First Report of Southern Bean Mosaic Virus Infecting Common Bean in Zambia. <i>Plant Disease</i> , 2020 , 104, 1880-1880	1.5	1
38	Characterization of mammalian orthoreoviruses isolated from faeces of pigs in Zambia. <i>Journal of General Virology</i> , 2020 , 101, 1027-1036	4.9	3
37	Persistent domestic circulation of African swine fever virus in Tanzania, 2015-2017. <i>BMC Veterinary Research</i> , 2020 , 16, 369	2.7	10
36	Avian Influenza Viruses Detected in Birds in Sub-Saharan Africa: A Systematic Review. <i>Viruses</i> , 2020 , 12,	6.2	7
35	Co-Circulation of Multiple Serotypes of Bluetongue Virus in Zambia. <i>Viruses</i> , 2020 , 12,	6.2	1
34	First report of Ethiopian tobacco bushy top virus and its associated satellite RNA infecting common bean (<i>Phaseolus vulgaris</i> L.) in Zambia. <i>Plant Disease</i> , 2020 ,	1.5	1
33	Diversity of two <i>Theileria parva</i> CD8+ antigens in cattle and buffalo-derived parasites in Tanzania. <i>Ticks and Tick-borne Diseases</i> , 2019 , 10, 1003-1017	3.6	6
32	Recent advances in the development and evaluation of molecular diagnostics for Ebola virus disease. <i>Expert Review of Molecular Diagnostics</i> , 2019 , 19, 325-340	3.8	7
31	Carriage rate and antimicrobial resistance profiles of <i>Staphylococcus aureus</i> among healthcare workers at a large tertiary referral hospital in Lusaka, Zambia. <i>Scientific African</i> , 2019 , 5, e00105	1.7	0
30	Molecular detection and characterization of genotype 1 bovine leukemia virus from beef cattle in the traditional sector in Zambia. <i>Archives of Virology</i> , 2019 , 164, 2531-2536	2.6	2
29	Marburgvirus in Egyptian Fruit Bats, Zambia. <i>Emerging Infectious Diseases</i> , 2019 , 25, 1577-1580	10.2	12

28	Seroprevalence of Rift Valley fever in cattle of smallholder farmers in Kwilu Province in the Democratic Republic of Congo. <i>Tropical Animal Health and Production</i> , 2019 , 51, 2619-2627	1.7	5
27	First genetic detection and characterization of canine parvovirus from diarrheic dogs in Zambia. <i>Archives of Virology</i> , 2019 , 164, 303-307	2.6	8
26	Characterization of field infectious bursal disease viruses in Zambia: evidence of co-circulation of multiple genotypes with predominance of very virulent strains. <i>Avian Pathology</i> , 2018 , 47, 300-313	2.4	8
25	Tick-borne haemoparasites and Anaplasmataceae in domestic dogs in Zambia. <i>Ticks and Tick-borne Diseases</i> , 2018 , 9, 988-995	3.6	20
24	Molecular epidemiological investigations of plague in Eastern Province of Zambia. <i>BMC Microbiology</i> , 2018 , 18, 2	4.5	4
23	Co-circulation of multiple genotypes of African swine fever viruses among domestic pigs in Zambia (2013-2015). <i>Transboundary and Emerging Diseases</i> , 2018 , 65, 114-122	4.2	29
22	Molecular detection and characterization of zoonotic Anaplasma species in domestic dogs in Lusaka, Zambia. <i>Ticks and Tick-borne Diseases</i> , 2018 , 9, 39-43	3.6	14
21	Accessibility of Early Infant Diagnostic Services by Under-5 Years and HIV Exposed Children in Muheza District, North-East Tanzania. <i>Frontiers in Public Health</i> , 2018 , 6, 139	6	5
20	Genetic characterisation of African swine fever virus from 2017 outbreaks in Zambia: Identification of p72 genotype II variants in domestic pigs. <i>Onderstepoort Journal of Veterinary Research</i> , 2018 , 85, e1-e5	1.9	14
19	First molecular detection and genetic characterization of Coxiella burnetii in Zambian dogs and rodents. <i>Parasites and Vectors</i> , 2018 , 11, 40	4	11
18	Seroprevalence of Filovirus Infection of Rousettus aegyptiacus Bats in Zambia. <i>Journal of Infectious Diseases</i> , 2018 , 218, S312-S317	7	13
17	Epidemiology of circulating human influenza viruses from the Democratic Republic of Congo, 2015. <i>PLoS ONE</i> , 2018 , 13, e0203995	3.7	5
16	Genetic characterization of orf virus associated with an outbreak of severe orf in goats at a farm in Lusaka, Zambia (2015). <i>Archives of Virology</i> , 2017 , 162, 2363-2367	2.6	3
15	Clinical and subclinical bovine leukemia virus infection in a dairy cattle herd in Zambia. <i>Archives of Virology</i> , 2017 , 162, 1051-1056	2.6	9
14	The Epidemiology of African Swine Fever in "Nonendemic" Regions of Zambia (1989-2015): Implications for Disease Prevention and Control. <i>Viruses</i> , 2017 , 9,	6.2	24
13	Molecular characterisation of methicillin-resistant Staphylococcus aureus (MRSA) isolated at a large referral hospital in Zambia. <i>Pan African Medical Journal</i> , 2017 , 26, 108	1.2	7
12	Molecular characterization of infectious bursal disease viruses detected in vaccinated commercial broiler flocks in Lusaka, Zambia. <i>Archives of Virology</i> , 2016 , 161, 513-9	2.6	14
11	Accessibility of services for early infant diagnosis of Human Immunodeficiency Virus in sub-Saharan Africa: a systematic review. <i>Tanzania Journal of Health Research</i> , 2016 , 18,	1	4

10	Acute flaccid paralysis surveillance indicators in the Democratic Republic of Congo during 2008-2014. <i>Pan African Medical Journal</i> , 2016 , 24, 154	1.2	4
9	Diagnosis and genotyping of African swine fever viruses from 2015 outbreaks in Zambia. <i>Onderstepoort Journal of Veterinary Research</i> , 2016 , 83, a1095	1.9	11
8	Lujo viral hemorrhagic fever: considering diagnostic capacity and preparedness in the wake of recent Ebola and Zika virus outbreaks. <i>Reviews in Medical Virology</i> , 2016 , 26, 446-454	11.7	7
7	Pathological and molecular diagnosis of the 2013 African swine fever outbreak in Lusaka, Zambia. <i>Tropical Animal Health and Production</i> , 2015 , 47, 459-63	1.7	8
6	Molecular identification of non-tuberculous mycobacteria isolated from clinical specimens in Zambia. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2015 , 14, 1	6.2	27
5	Seroepidemiological Prevalence of Multiple Species of Filoviruses in Fruit Bats (<i>Eidolon helvum</i>) Migrating in Africa. <i>Journal of Infectious Diseases</i> , 2015 , 212 Suppl 2, S101-8	7	72
4	The zoonotic potential of avian influenza viruses isolated from wild waterfowl in Zambia. <i>Archives of Virology</i> , 2014 , 159, 2633-40	2.6	3
3	Characterization of influenza A viruses isolated from wild waterfowl in Zambia. <i>Journal of General Virology</i> , 2011 , 92, 1416-1427	4.9	19
2	Characterization of H3N6 avian influenza virus isolated from a wild white pelican in Zambia. <i>Archives of Virology</i> , 2009 , 154, 1517-22	2.6	12
1	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa		3