

Edgar Simulundu

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

1,162
citations

516561

16
h-index

477173

29
g-index

83
all docs

83
docs citations

83
times ranked

2107
citing authors

#	ARTICLE	IF	CITATIONS
1	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. <i>Science</i> , 2021, 374, 423-431.	6.0	144
2	Detection of B.1.351 SARS-CoV-2 Variant Strain "Zambia, December 2020. <i>Morbidity and Mortality Weekly Report</i> , 2021, 70, 280-282.	9.0	114
3	Seroepidemiological Prevalence of Multiple Species of Filoviruses in Fruit Bats (<i>Eidolon</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.9	94
4	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> , 2022, 18, 1-6.	1.4	62
5	Molecular identification of non-tuberculous mycobacteria isolated from clinical specimens in Zambia. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2015, 14, 1.	1.7	51
6	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.	1.3	36
7	The Epidemiology of African Swine Fever in "Nonendemic" Regions of Zambia (1989"2015): Implications for Disease Prevention and Control. <i>Viruses</i> , 2017, 9, 236.	1.5	33
8	Marburgvirus in Egyptian Fruit Bats, Zambia. <i>Emerging Infectious Diseases</i> , 2019, 25, 1577-1580.	2.0	29
9	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.	1.5	25
10	Tick-borne haemoparasites and Anaplasmataceae in domestic dogs in Zambia. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 988-995.	1.1	23
11	Characterization of influenza A viruses isolated from wild waterfowl in Zambia. <i>Journal of General Virology</i> , 2011, 92, 1416-1427.	1.3	23
12	Molecular detection and characterization of zoonotic <i>Anaplasma</i> species in domestic dogs in Lusaka, Zambia. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 39-43.	1.1	22
13	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.	0.6	21
14	Seroprevalence of Filovirus Infection of <i>Rousettus aegyptiacus</i> Bats in Zambia. <i>Journal of Infectious Diseases</i> , 2018, 218, S312-S317.	1.9	21
15	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.	1.1	20
16	Persistent domestic circulation of African swine fever virus in Tanzania, 2015"2017. <i>BMC Veterinary Research</i> , 2020, 16, 369.	0.7	17
17	Molecular characterization of infectious bursal disease viruses detected in vaccinated commercial broiler flocks in Lusaka, Zambia. <i>Archives of Virology</i> , 2016, 161, 513-519.	0.9	15
18	First molecular detection and genetic characterization of <i>Coxiella burnetii</i> in Zambian dogs and rodents. <i>Parasites and Vectors</i> , 2018, 11, 40.	1.0	15

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19	West Nile Virus in Farmed Crocodiles, Zambia, 2019. <i>Emerging Infectious Diseases</i> , 2020, 26, 811-814.	2.0	15
20	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.	1.3	14
21	Clinical and subclinical bovine leukemia virus infection in a dairy cattle herd in Zambia. <i>Archives of Virology</i> , 2017, 162, 1051-1056.	0.9	13
22	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.	1.5	13
23	Characterization of H3N6 avian influenza virus isolated from a wild white pelican in Zambia. <i>Archives of Virology</i> , 2009, 154, 1517-1522.	0.9	12
24	Diagnosis and genotyping of African swine fever viruses from 2015 outbreaks in Zambia. <i>Onderstepoort Journal of Veterinary Research</i> , 2016, 83, a1095.	0.6	12
25	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.	1.5	12
26	First genetic detection and characterization of canine parvovirus from diarrheic dogs in Zambia. <i>Archives of Virology</i> , 2019, 164, 303-307.	0.9	12
27	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.	1.3	12
28	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.	0.8	11
29	Avian Influenza Viruses Detected in Birds in Sub-Saharan Africa: A Systematic Review. <i>Viruses</i> , 2020, 12, 993.	1.5	11
30	Prevalence and genotypic characterization of <i>Giardia duodenalis</i> isolates from asymptomatic school-going children in Lusaka, Zambia. <i>Food and Waterborne Parasitology</i> , 2020, 19, e00072.	1.1	11
31	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.	1.3	11
32	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.	3.9	10
33	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.	0.5	10
34	Molecular characterisation of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) isolated at a large referral hospital in Zambia. <i>Pan African Medical Journal</i> , 2017, 26, 108.	0.3	10
35	Pathological and molecular diagnosis of the 2013 African swine fever outbreak in Lusaka, Zambia. <i>Tropical Animal Health and Production</i> , 2015, 47, 459-463.	0.5	9
36	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.	1.3	9

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37	Genetic and Biological Diversity of Porcine Sapeloviruses Prevailing in Zambia. <i>Viruses</i> , 2020, 12, 180.	1.5	9
38	Characterization of mammalian orthoreoviruses isolated from faeces of pigs in Zambia. <i>Journal of General Virology</i> , 2020, 101, 1027-1036.	1.3	9
39	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.	0.9	8
40	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.	1.1	8
41	First Report of Southern Bean Mosaic Virus Infecting Common Bean in Zambia. <i>Plant Disease</i> , 2020, 104, 1880-1880.	0.7	8
42	Acute flaccid paralysis surveillance indicators in the Democratic Republic of Congo during 2008-2014. <i>Pan African Medical Journal</i> , 2016, 24, 154.	0.3	7
43	Molecular epidemiological investigations of plague in Eastern Province of Zambia. <i>BMC Microbiology</i> , 2018, 18, 2.	1.3	7
44	Molecular Detection and Characterization of <i>Rickettsia</i> Species in Ixodid Ticks Collected From Cattle in Southern Zambia. <i>Frontiers in Veterinary Science</i> , 2021, 8, 684487.	0.9	7
45	Mosquito-Borne Viral Pathogens Detected in Zambia: A Systematic Review. <i>Pathogens</i> , 2021, 10, 1007.	1.2	7
46	Attenuated infection by a Pteropine orthoreovirus isolated from an Egyptian fruit bat in Zambia. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009768.	1.3	7
47	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, .	0.1	7
48	<i>Rickettsia lusitaniae</i> in <i>Ornithodoros Porcinus</i> Ticks, Zambia. <i>Pathogens</i> , 2021, 10, 1306.	1.2	7
49	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.	1.3	7
50	First Report of <i>Ethiopian tobacco bushy top virus</i> and Its Associated Satellite RNA Infecting Common Bean (<i>Phaseolus vulgaris</i>) in Zambia. <i>Plant Disease</i> , 2021, 105, 516-516.	0.7	6
51	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.	1.3	6
52	Molecular Detection and Genotyping of <i>Coxiella</i> -Like Endosymbionts in Ticks Collected from Animals and Vegetation in Zambia. <i>Pathogens</i> , 2021, 10, 779.	1.2	6
53	Epidemiology of circulating human influenza viruses from the Democratic Republic of Congo, 2015. <i>PLoS ONE</i> , 2018, 13, e0203995.	1.1	5
54	Facility-based surveillance for influenza and respiratory syncytial virus in rural Zambia. <i>BMC Infectious Diseases</i> , 2021, 21, 986.	1.3	5

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55	Seroprevalence and Risk Factors of Crimean-Congo Hemorrhagic Fever in Cattle of Smallholder Farmers in Central Malawi. <i>Pathogens</i> , 2021, 10, 1613.	1.2	5
56	The zoonotic potential of avian influenza viruses isolated from wild waterfowl in Zambia. <i>Archives of Virology</i> , 2014, 159, 2633-2640.	0.9	4
57	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.	0.9	4
58	Influenza A and D Viruses in Non-Human Mammalian Hosts in Africa: A Systematic Review and Meta-Analysis. <i>Viruses</i> , 2021, 13, 2411.	1.5	4
59	Evaluation of SARS-CoV-2 diagnostics and risk factors associated with SARS-CoV-2 infection in Zambia. <i>International Journal of Infectious Diseases</i> , 2022, 120, 150-157.	1.5	4
60	Co-Circulation of Multiple Serotypes of Bluetongue Virus in Zambia. <i>Viruses</i> , 2020, 12, 963.	1.5	3
61	Prevalence and genetic diversity of Shibuyunji virus, a novel tick-borne phlebovirus identified in Zambia. <i>Archives of Virology</i> , 2021, 166, 915-919.	0.9	3
62	Hepatitis E virus infection in pigs: a first report from Zambia. <i>Emerging Microbes and Infections</i> , 2021, 10, 2169-2172.	3.0	3
63	Immunization Coverage and Antibody Retention against Rabies in Domestic Dogs in Lusaka District, Zambia. <i>Pathogens</i> , 2021, 10, 738.	1.2	2
64	Cryptosporidiosis is predominantly an urban, anthroponotic infectious disease among Zambian children. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2022, 116, 270-277.	0.7	2
65	Detection of <i>Yersinia pestis</i> DNA in human bubo aspirates in Tanzania. <i>African Journal of Microbiology Research</i> , 2013, 7, 5726-5730.	0.4	2
66	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.	0.7	1
67	Serological Evidence of Filovirus Infection in Nonhuman Primates in Zambia. <i>Viruses</i> , 2021, 13, 1283.	1.5	1
68	Identification of MHC Alleles Associated With Disease Resistance/Susceptibility In Smallholder Cattle In Zambia. <i>Journal of Agricultural and Biomedical Sciences</i> , 2021, 5, 42-48.	0.1	1
69	Short communication: Potential causes of Acaricide Resistance in <i>Rhipicephalus</i> and <i>Amblyomma</i> Ticks (Acari: Ixodidae) in Namwala District, Zambia. , 0, , .		1
70	Disease Trends and Characteristics of Circulating Vaccine derived Poliovirus Isolated in the National Reference Polio Laboratory from the Democratic Republic of Congo. <i>Archives of Medicine</i> , 2017, 09, .	0.2	0
71	First report of <i>Mycobacterium bovis</i> in wild chacma baboons (<i>Papio ursinus</i>) at the human-wildlife interface area in Zambia. <i>Transboundary and Emerging Diseases</i> , 2021, , .	1.3	0
72	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.	0.7	0

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73	Serological and molecular epidemiological study on swine influenza in Zambia. <i>Transboundary and Emerging Diseases</i> , 2021, , .	1.3	0
74	Survey for Virus Diversity in Common Bean (<i>Phaseolus vulgaris</i>) Fields and the Detection of a Novel Strain of <i>Cowpea polerovirus 1</i> in Zambia. <i>Plant Disease</i> , 2022, 106, 2380-2391.	0.7	0
75	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.	0.5	0
76	Antimicrobial Susceptibility Profiles and Molecular Characterisation of <i>Staphylococcus aureus</i> from Pigs and Workers at Farms and Abattoirs in Zambia. <i>Antibiotics</i> , 2022, 11, 844.	1.5	0