

# Yasuko Orba

## 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

780

citations

17

h-index

25

g-index

70

ext. papers

1,592

ext. citations

6.7

avg, IF

4.3

L-index

#	Paper	IF	Citations
63	Attenuated fusogenicity and pathogenicity of SARS-CoV-2 Omicron variant.. <i>Nature</i> , <b>2022</b> ,	50.4	53
62	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> , <b>2022</b> , 16, e0010193	4.8	1
61	Discovery of S-217622, a Noncovalent Oral SARS-CoV-2 3CL Protease Inhibitor Clinical Candidate for Treating COVID-19.. <i>Journal of Medicinal Chemistry</i> , <b>2022</b> ,	8.3	18
60	Virological characteristics of the SARS-CoV-2 Omicron BA.2 spike.. <i>Cell</i> , <b>2022</b> ,	56.2	17
59	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> , <b>2022</b> , 16, e0010420	4.8	0
58	Serological characterization of lineage II insect-specific flaviviruses compared with pathogenic mosquito-borne flaviviruses. <i>Biochemical and Biophysical Research Communications</i> , <b>2022</b> , 616, 115-121	3.4	
57	SARS-CoV-2 inhibits induction of the MHC class I pathway by targeting the STAT1-IRF1-NLRC5 axis. <i>Nature Communications</i> , <b>2021</b> , 12, 6602	17.4	8
56	is a possible natural rodent reservoir for encephalomyocarditis virus. <i>Journal of General Virology</i> , <b>2021</b> , 102,	4.9	1
55	Diverse mosquito-specific flaviviruses in the Bolivian Amazon basin. <i>Journal of General Virology</i> , <b>2021</b> , 102,	4.9	1
54	An African tick flavivirus forming an independent clade exhibits unique exoribonuclease-resistant RNA structures in the genomic 3' untranslated region. <i>Scientific Reports</i> , <b>2021</b> , 11, 4883	4.9	2
53	RIG-I triggers a signaling-abortive anti-SARS-CoV-2 defense in human lung cells. <i>Nature Immunology</i> , <b>2021</b> , 22, 820-828	19.1	66
52	Molecular Detection and Genotyping of Like Endosymbionts in Ticks Collected from Animals and Vegetation in Zambia. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	2
51	Serologic and molecular evidence for circulation of Crimean-Congo hemorrhagic fever virus in ticks and cattle in Zambia. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009452	4.8	3
50	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> , <b>2021</b> , 12, 101720	3.6	7
49	First COVID-19 case in Zambia - Comparative phylogenomic analyses of SARS-CoV-2 detected in African countries. <i>International Journal of Infectious Diseases</i> , <b>2021</b> , 102, 455-459	10.5	7
48	Prevalence and genetic diversity of Shibuyunji virus, a novel tick-borne phlebovirus identified in Zambia. <i>Archives of Virology</i> , <b>2021</b> , 166, 915-919	2.6	1
47	TMPRSS11D and TMPRSS13 Activate the SARS-CoV-2 Spike Protein. <i>Viruses</i> , <b>2021</b> , 13,	6.2	27

46	SARS-CoV-2 Bearing a Mutation at the S1/S2 Cleavage Site Exhibits Attenuated Virulence and Confers Protective Immunity. <i>MBio</i> , <b>2021</b> , 12, e0141521	7.8	8
45	A novel nairovirus associated with acute febrile illness in Hokkaido, Japan. <i>Nature Communications</i> , <b>2021</b> , 12, 5539	17.4	3
44	Molecular Survey of and Infection in Cattle in Bolivia. <i>Veterinary Sciences</i> , <b>2021</b> , 8,	2.4	1
43	Attenuated infection by a Pteropine orthoreovirus isolated from an Egyptian fruit bat in Zambia. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009768	4.8	1
42	5-Hydroxymethyltubercidin exhibits potent antiviral activity against flaviviruses and coronaviruses, including SARS-CoV-2. <i>IScience</i> , <b>2021</b> , 24, 103120	6.1	1
41	Air-liquid interphase culture confers SARS-CoV-2 susceptibility to A549 alveolar epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 577, 146-151	3.4	4
40	SARS-CoV-2 variants with mutations at the S1/S2 cleavage site are generated in vitro during propagation in TMPRSS2-deficient cells. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009233	7.6	72
39	Influenza A and D Viruses in Non-Human Mammalian Hosts in Africa: A Systematic Review and Meta-Analysis.. <i>Viruses</i> , <b>2021</b> , 13,	6.2	1
38	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> , <b>2020</b> , 67, 2741-2752	4.2	7
37	West Nile Virus in Farmed Crocodiles, Zambia, 2019. <i>Emerging Infectious Diseases</i> , <b>2020</b> , 26, 811-814	10.2	5
36	Genetic and Biological Diversity of Porcine Sapeloviruses Prevailing in Zambia. <i>Viruses</i> , <b>2020</b> , 12,	6.2	3
35	Detection of novel orthoreovirus genomes in shrew ( <i>Crocidura hirta</i> ) and fruit bat ( <i>Rousettus aegyptiacus</i> ). <i>Journal of Veterinary Medical Science</i> , <b>2020</b> , 82, 162-167	1.1	2
34	Characterization of mammalian orthoreoviruses isolated from faeces of pigs in Zambia. <i>Journal of General Virology</i> , <b>2020</b> , 101, 1027-1036	4.9	3
33	Discoveries of Exoribonuclease-Resistant Structures of Insect-Specific Flaviviruses Isolated in Zambia. <i>Viruses</i> , <b>2020</b> , 12,	6.2	7
32	The $\beta$ Gene Family Modulates Dengue Virus Infection in. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
31	Avian Influenza Viruses Detected in Birds in Sub-Saharan Africa: A Systematic Review. <i>Viruses</i> , <b>2020</b> , 12,	6.2	7
30	Co-Circulation of Multiple Serotypes of Bluetongue Virus in Zambia. <i>Viruses</i> , <b>2020</b> , 12,	6.2	1
29	Interferon lambda rs368234815 C/C is associated with higher CD4:CD8 T-cell ratio in treated HIV-1 infection. <i>AIDS Research and Therapy</i> , <b>2020</b> , 17, 13	3	1

28	Serological evidence of Zika virus infection in non-human primates in Zambia. <i>Archives of Virology</i> , <b>2019</b> , 164, 2165-2170	2.6	9
27	A Novel Combination of Prion Strain Co-Occurrence in Patients with Sporadic Creutzfeldt-Jakob Disease. <i>American Journal of Pathology</i> , <b>2019</b> , 189, 1276-1283	5.8	5
26	Marburgvirus in Egyptian Fruit Bats, Zambia. <i>Emerging Infectious Diseases</i> , <b>2019</b> , 25, 1577-1580	10.2	12
25	Inhibition of dengue virus infection by 1-stearoyl-2-arachidonoyl-phosphatidylinositol. <i>FASEB Journal</i> , <b>2019</b> , 33, 13866-13881	0.9	5
24	Ganglioside Synthase Knockout Reduces Prion Disease Incubation Time in Mouse Models. <i>American Journal of Pathology</i> , <b>2019</b> , 189, 677-686	5.8	
23	Infection of newly identified phleboviruses in ticks and wild animals in Hokkaido, Japan indicating tick-borne life cycles. <i>Ticks and Tick-borne Diseases</i> , <b>2019</b> , 10, 328-335	3.6	7
22	Development of a quick bioassay for the evaluation of transmission properties of acquired prion diseases. <i>Neuroscience Letters</i> , <b>2018</b> , 668, 43-47	3.3	5
21	Discovery of Mwinilunga alphavirus: A novel alphavirus in Culex mosquitoes in Zambia. <i>Virus Research</i> , <b>2018</b> , 250, 31-36	6.4	16
20	Tick-borne haemoparasites and Anaplasmatataceae in domestic dogs in Zambia. <i>Ticks and Tick-borne Diseases</i> , <b>2018</b> , 9, 988-995	3.6	20
19	The Unique Phylogenetic Position of a Novel Tick-Borne Phlebovirus Ensures an Ixodid Origin of the Genus. <i>MSphere</i> , <b>2018</b> , 3,	5	22
18	Discovery of a novel antiviral agent targeting the nonstructural protein 4 (nsP4) of chikungunya virus. <i>Virology</i> , <b>2017</b> , 505, 102-112	3.6	25
17	Putative RNA viral sequences detected in an Ixodes scapularis-derived cell line. <i>Ticks and Tick-borne Diseases</i> , <b>2017</b> , 8, 103-111	3.6	11
16	Characterization of a Novel Bat Adenovirus Isolated from Straw-Colored Fruit Bat (Eidolon helvum). <i>Viruses</i> , <b>2017</b> , 9,	6.2	13
15	Pathological and molecular diagnosis of the 2013 African swine fever outbreak in Lusaka, Zambia. <i>Tropical Animal Health and Production</i> , <b>2015</b> , 47, 459-63	1.7	8
14	Seroepidemiological Prevalence of Multiple Species of Filoviruses in Fruit Bats (Eidolon helvum) Migrating in Africa. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212 Suppl 2, S101-8	7	72
13	Molecular epidemiology of pathogenic Leptospira spp. in the straw-colored fruit bat (Eidolon helvum) migrating to Zambia from the Democratic Republic of Congo. <i>Infection, Genetics and Evolution</i> , <b>2015</b> , 32, 143-7	4.5	16
12	Metagenomic analysis of the shrew enteric virome reveals novel viruses related to human stool-associated viruses. <i>Journal of General Virology</i> , <b>2015</b> , 96, 440-452	4.9	24
11	Isolation and characterization of a novel alphaherpesvirus in fruit bats. <i>Journal of Virology</i> , <b>2014</b> , 88, 9819-29	6.6	19

10	Detection and characterization of zoonotic pathogens of free-ranging non-human primates from Zambia. <i>Parasites and Vectors</i> , <b>2014</b> , 7, 490	4	17
9	Accumulation of ubiquitinated proteins is related to West Nile virus-induced neuronal apoptosis. <i>Neuropathology</i> , <b>2012</b> , 32, 398-405	2	17
8	Molecular detection of a novel paramyxovirus in fruit bats from Indonesia. <i>Virology Journal</i> , <b>2012</b> , 9, 2406.1		30
7	Molecular surveillance and phylogenetic analysis of Old World arenaviruses in Zambia. <i>Journal of General Virology</i> , <b>2012</b> , 93, 2247-2251	4.9	29
6	Characterization of influenza A viruses isolated from wild waterfowl in Zambia. <i>Journal of General Virology</i> , <b>2011</b> , 92, 1416-1427	4.9	19
5	The JC virus-like particle overlay assay. <i>Methods in Molecular Biology</i> , <b>2005</b> , 292, 175-86	1.4	3
4	Coronary reperfusion following ischemia: different expression of bcl-2 and bax proteins, and cardiomyocyte apoptosis. <i>International Heart Journal</i> , <b>2001</b> , 42, 759-70		26
3	Discovery of S-217622, a Non-Covalent Oral SARS-CoV-2 3CL Protease Inhibitor Clinical Candidate for Treating COVID-19		2
2	Attenuated fusogenicity and pathogenicity of SARS-CoV-2 Omicron variant		3
1	Combinatorial approach with mass spectrometry and lectin microarray dissected glycoproteomic features of virion-derived spike protein of SARS-CoV-2		2