

Jennifer Giandhari

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.

33
papers

2,420
citations

17
h-index

38
g-index

38
ext. papers

4,308
ext. citations

17.6
avg, IF

4.81
L-index

#	Paper	IF	Citations
33	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa.. <i>Nature</i> , 2022 ,	50.4	205
32	Emergence and phenotypic characterization of the global SARS-CoV-2 C.1.2 lineage.. <i>Nature Communications</i> , 2022 , 13, 1976	17.4	3
31	Comparison of SARS-CoV-2 sequencing using the ONT GridION and the Illumina MiSeq.. <i>BMC Genomics</i> , 2022 , 23, 319	4.5	2
30	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
29	HIV-1 drug resistance in adults and adolescents on protease inhibitor-based antiretroviral treatment in KwaZulu-Natal Province, South Africa. <i>Journal of Global Antimicrobial Resistance</i> , 2021 ,	3.4	1
28	Acquired HIV drug resistance and virologic monitoring in a HIV hyper-endemic setting in KwaZulu-Natal Province, South Africa. <i>AIDS Research and Therapy</i> , 2021 , 18, 74	3	0
27	Escape of SARS-CoV-2 501Y.V2 from neutralization by convalescent plasma. <i>Nature</i> , 2021 , 593, 142-146	50.4	344
26	Detection of a SARS-CoV-2 variant of concern in South Africa. <i>Nature</i> , 2021 , 592, 438-443	50.4	685
25	Tracking the international spread of SARS-CoV-2 lineages B.1.1.7 and B.1.351/501Y-V2. <i>Wellcome Open Research</i> , 2021 , 6, 121	4.8	46
24	Strong correlation between urine and vaginal swab samples for bacterial vaginosis. <i>Southern African Journal of Infectious Diseases</i> , 2021 , 36, 199	0.4	
23	Early transmission of SARS-CoV-2 in South Africa: An epidemiological and phylogenetic report. <i>International Journal of Infectious Diseases</i> , 2021 , 103, 234-241	10.5	37
22	Transmission dynamics of SARS-CoV-2 within-host diversity in two major hospital outbreaks in South Africa. <i>Virus Evolution</i> , 2021 , 7, veab041	3.7	8
21	Sixteen novel lineages of SARS-CoV-2 in South Africa. <i>Nature Medicine</i> , 2021 , 27, 440-446	50.5	206
20	The emergence and ongoing convergent evolution of the SARS-CoV-2 N501Y lineages. <i>Cell</i> , 2021 , 184, 5189-5200.e7	56.2	61
19	Temporal Changes in Vaginal Microbiota and Genital Tract Cytokines Among South African Women Treated for Bacterial Vaginosis. <i>Frontiers in Immunology</i> , 2021 , 12, 730986	8.4	1
18	A genomics network established to respond rapidly to public health threats in South Africa. <i>Lancet Microbe</i> , 2020 , 1, e229-e230	22.2	30
17	Early transmission of SARS-CoV-2 in South Africa: An epidemiological and phylogenetic report 2020 ,		20

16	High Resolution analysis of Transmission Dynamics of Sars-Cov-2 in Two Major Hospital Outbreaks in South Africa Leveraging Intrahost Diversity 2020 ,		15
15	Unlocking the efficiency of genomics laboratories with robotic liquid-handling. <i>BMC Genomics</i> , 2020 , 21, 729	4.5	6
14	Reduced efficacy of HIV-1 integrase inhibitors in patients with drug resistance mutations in reverse transcriptase. <i>Nature Communications</i> , 2020 , 11, 5922	17.4	22
13	Impact of pretreatment low-abundance HIV-1 drug-resistant variants on virological failure among HIV-1/TB-co-infected individuals. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 3319-3326	5.1	2
12	Whole Genome Sequencing of SARS-CoV-2: Adapting Illumina Protocols for Quick and Accurate Outbreak Investigation during a Pandemic. <i>Genes</i> , 2020 , 11,	4.2	39
11	High rate of occult hepatitis B virus infection in hemodialysis units of KwaZulu-Natal, South Africa. <i>Journal of Medical Virology</i> , 2019 , 91, 1797-1803	19.7	2
10	Trends in Pretreatment HIV-1 Drug Resistance in Antiretroviral Therapy-naïve Adults in South Africa, 2000-2016: A Pooled Sequence Analysis. <i>EclinicalMedicine</i> , 2019 , 9, 26-34	11.3	29
9	Predicted antiviral activity of tenofovir versus abacavir in combination with a cytosine analogue and the integrase inhibitor dolutegravir in HIV-1-infected South African patients initiating or failing first-line ART. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 473-479	5.1	10
8	Genetic Changes in HIV-1 Gag-Protease Associated with Protease Inhibitor-Based Therapy Failure in Pediatric Patients. <i>AIDS Research and Human Retroviruses</i> , 2015 , 31, 776-82	1.6	12
7	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> ,	50.4	20
6	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa		12
5	Illumina Nextera DNA Flex library construction and sequencing for SARS-CoV-2: Adapting COVID-19 ARTIC protocol v1		3
4	Emergence and rapid spread of a new severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2) lineage with multiple spike mutations in South Africa		446
3	A novel variant of interest of SARS-CoV-2 with multiple spike mutations detected through travel surveillance in Africa		17
2	Escape of SARS-CoV-2 501Y.V2 from neutralization by convalescent plasma		71
1	Emergence and phenotypic characterization of C.1.2, a globally detected lineage that rapidly accumulated mutations of concern		23