

Lavanya Singh

List of Publications by Citations

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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.

29 papers	879 citations	15 h-index	29 g-index
31 ext. papers	1,913 ext. citations	14.3 avg, IF	3.93 L-index

#	Paper	IF	Citations
29	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa.. <i>Nature</i> , 2022 ,	50.4	205
28	The role of nanotechnology in the treatment of viral infections. <i>Therapeutic Advances in Infectious Disease</i> , 2017 , 4, 105-131	2.8	154
27	Multiplex qPCR discriminates variants of concern to enhance global surveillance of SARS-CoV-2. <i>PLoS Biology</i> , 2021 , 19, e3001236	9.7	85
26	The emergence and ongoing convergent evolution of the SARS-CoV-2 N501Y lineages. <i>Cell</i> , 2021 , 184, 5189-5200.e7	56.2	61
25	The emergence and ongoing convergent evolution of the N501Y lineages coincides with a major global shift in the SARS-CoV-2 selective landscape 2021 ,		46
24	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
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	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
21	Persistent SARS-CoV-2 infection and intra-host evolution in association with advanced HIV infection		32
20	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> ,	50.4	20
19	Early transmission of SARS-CoV-2 in South Africa: An epidemiological and phylogenetic report 2020 ,		20
18	A novel variant of interest of SARS-CoV-2 with multiple spike mutations detected through travel surveillance in Africa		17
17	Rapid replacement of the Beta variant by the Delta variant in South Africa		17
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	PCR assay to enhance global surveillance for SARS-CoV-2 variants of concern 2021 ,		15
14	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa		12
13	SARS-CoV-2 evolved during advanced HIV disease immunosuppression has Beta-like escape of vaccine and Delta infection elicited immunity. 2021 ,		12

12	Intracellular localization of gold nanoparticles with targeted delivery in MT-4 lymphocytes. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2016 , 7, 045013	1.6	9
11	High level of HIV-2 false positivity in KwaZulu-Natal province: a region of South Africa with a very high HIV-1 subtype C prevalence. <i>Journal of Medical Virology</i> , 2013 , 85, 2065-71	19.7	8
10	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
9	Southern African Treatment Resistance Network (SATuRN) RegaDB HIV drug resistance and clinical management database: supporting patient management, surveillance and research in southern Africa. <i>Database: the Journal of Biological Databases and Curation</i> , 2014 , 2014, bat082	5	7
8	HIV-1 Drug Resistance by Ultra-Deep Sequencing Following Short Course Zidovudine, Single-Dose Nevirapine, and Single-Dose Tenofovir with Emtricitabine for Prevention of Mother-to-Child Transmission. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016 , 73, 384-389	3.1	6
7	Development and Evaluation of Peptide-Functionalized Gold Nanoparticles for HIV Integrase Inhibition. <i>International Journal of Peptide Research and Therapeutics</i> , 2019 , 25, 311-322	2.1	6
6	Whole Genome Sequencing of SARS-CoV-2: Adapting Illumina Protocols for Quick and Accurate Outbreak Investigation During a Pandemic		4
5	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa		3
4	Implementation of an efficient SARS-CoV-2 specimen pooling strategy for high throughput diagnostic testing. <i>Scientific Reports</i> , 2021 , 11, 17793	4.9	2
3	A post-partum single-dose TDF/FTC tail does not prevent the selection of NNRTI resistance in women receiving pre-partum ZDV and intrapartum single-dose nevirapine to prevent mother-to-child HIV-1 transmission. <i>Journal of Medical Virology</i> , 2015 , 87, 1662-7	19.7	1
2	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
1	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