

Lavanya Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3222033/publications.pdf>

Version: 2024-02-01

19
papers

2,594
citations

933447

10
h-index

839539

18
g-index

31
all docs

31
docs citations

31
times ranked

4538
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> , 2022, 603, 679-686.	27.8	1,210
2	The role of nanotechnology in the treatment of viral infections. <i>Therapeutic Advances in Infectious Disease</i> , 2017, 4, 105-131.	1.8	233
3	Multiplex qPCR discriminates variants of concern to enhance global surveillance of SARS-CoV-2. <i>PLoS Biology</i> , 2021, 19, e3001236.	5.6	200
4	The emergence and ongoing convergent evolution of the SARS-CoV-2 N501Y lineages. <i>Cell</i> , 2021, 184, 5189-5200.e7.	28.9	186
5	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. <i>Science</i> , 2021, 374, 423-431.	12.6	144
6	Whole Genome Sequencing of SARS-CoV-2: Adapting Illumina Protocols for Quick and Accurate Outbreak Investigation during a Pandemic. <i>Genes</i> , 2020, 11, 949.	2.4	65
7	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.	3.3	63
8	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> , 0, , .	27.8	61
9	Transmission dynamics of SARS-CoV-2 within-host diversity in two major hospital outbreaks in South Africa. <i>Virus Evolution</i> , 2021, 7, veab041.	4.9	30
10	Intracellular localization of gold nanoparticles with targeted delivery in MT-4 lymphocytes. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2016, 7, 045013.	1.5	12
11	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.	1.9	12
12	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, 2065-2071.	5.0	9
13	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.	2.1	8
14	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-bat082.	3.0	7
15	Targeted Sanger sequencing to recover key mutations in SARS-CoV-2 variant genome assemblies produced by next-generation sequencing. <i>Microbial Genomics</i> , 2022, 8, .	2.0	7
16	HIV-1 drug resistance in adults and adolescents on protease inhibitor-based antiretroviral therapy in KwaZulu-Natal Province, South Africa. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 29, 468-475.	2.2	6
17	Implementation of an efficient SARS-CoV-2 specimen pooling strategy for high throughput diagnostic testing. <i>Scientific Reports</i> , 2021, 11, 17793.	3.3	5
18	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.	1.7	2

#	ARTICLE	IF	CITATIONS
19	A postpartum single-dose TDF/FTC tail does not prevent the selection of NNRTI resistance in women receiving prepartum ZDV and intrapartum single-dose nevirapine to prevent mother-to-child HIV transmission. <i>Journal of Medical Virology</i> , 2015, 87, 1662-1667.	5.0	1