

Nei-yuan Hsiao

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.

56
papers

1,977
citations

19
h-index

44
g-index

67
ext. papers

4,099
ext. citations

11.8
avg, IF

4.68
L-index

#	Paper	IF	Citations
56	Early assessment of the clinical severity of the SARS-CoV-2 omicron variant in South Africa: a data linkage study.. <i>Lancet, The</i> , 2022 ,	40	152
55	Selection analysis identifies unusual clustered mutational changes in Omicron lineage BA.1 that likely impact Spike function. 2022 ,		8
54	Use of tenofovir diphosphate levels to predict viremia during the postpartum period in women living with HIV: a nested case-control study.. <i>Clinical Infectious Diseases</i> , 2022 ,	11.6	1
53	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa.. <i>Nature</i> , 2022 ,	50.4	205
52	Reduced amplification efficiency of the RNA-dependent-RNA-polymerase target enables tracking of the Delta SARS-CoV-2 variant using routine diagnostic tests.. <i>Journal of Virological Methods</i> , 2022 , 302, 114471	2.6	3
51	Selection analysis identifies clusters of unusual mutational changes in Omicron lineage BA.1 that likely impact Spike function.. <i>Molecular Biology and Evolution</i> , 2022 ,	8.3	10
50	Emergence and phenotypic characterization of the global SARS-CoV-2 C.1.2 lineage.. <i>Nature Communications</i> , 2022 , 13, 1976	17.4	3
49	Assessing the clinical severity of the Omicron variant in the Western Cape Province, South Africa, using the diagnostic PCR proxy marker of RdRp target delay to distinguish between Omicron and Delta infections - a survival analysis.. <i>International Journal of Infectious Diseases</i> , 2022 ,	10.5	3
48	Outcomes of laboratory-confirmed SARS-CoV-2 infection in the Omicron-driven fourth wave compared with previous waves in the Western Cape Province, South Africa.. <i>Tropical Medicine and International Health</i> , 2022 ,	2.3	2
47	Improved oral detection is a characteristic of Omicron infection and has implications for clinical sampling and tissue tropism.. <i>Journal of Clinical Virology</i> , 2022 , 152, 105170	14.5	2
46	Track Omicron's spread with molecular data. <i>Science</i> , 2021 , 374, eabn4543	33.3	44
45	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
44	Prior infection with SARS-CoV-2 boosts and broadens Ad26.COVS.S immunogenicity in a variant-dependent manner. <i>Cell Host and Microbe</i> , 2021 , 29, 1611-1619.e5	23.4	38
43	Detection of a SARS-CoV-2 variant of concern in South Africa. <i>Nature</i> , 2021 , 592, 438-443	50.4	685
42	Relationship of SARS-CoV-2-specific CD4 response to COVID-19 severity and impact of HIV-1 and tuberculosis coinfection. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	23
41	Sixteen novel lineages of SARS-CoV-2 in South Africa. <i>Nature Medicine</i> , 2021 , 27, 440-446	50.5	206
40	Achieving consistency in measures of HIV-1 viral suppression across countries: derivation of an adjustment based on international antiretroviral treatment cohort data. <i>Journal of the International AIDS Society</i> , 2021 , 24 Suppl 5, e25776	5.4	0

39	Early ART-initiation and longer ART duration reduces HIV-1 proviral DNA levels in children from the CHER trial. <i>AIDS Research and Therapy</i> , 2021 , 18, 63	3	1
38	The need for a balanced hospital-based care (HBC) and home- and community-based care (HCBC) approach for mitigating COVID-19 pandemic in sub-Saharan Africa. <i>Pan African Medical Journal</i> , 2021 , 38, 196	1.2	0
37	Comparison of Alere q whole blood viral load with DBS and plasma viral load in the classification of HIV virological failure. <i>PLoS ONE</i> , 2020 , 15, e0232345	3.7	2
36	The implementation of a rapid sample preparation method for the detection of SARS-CoV-2 in a diagnostic laboratory in South Africa. <i>PLoS ONE</i> , 2020 , 15, e0241029	3.7	13
35	Response to a cluster of Severe Acute Respiratory Syndrome Coronavirus 2 cases at a diagnostic laboratory. <i>African Journal of Laboratory Medicine</i> , 2020 , 9, 1307	0.9	2
34	ART Adherence, Resistance, and Long-term HIV Viral Suppression in Postpartum Women. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa346	1	3
33	Mixed-method estimation of population-level HIV viral suppression rate in the Western Cape, South Africa. <i>BMJ Global Health</i> , 2020 , 5,	6.6	1
32	Antiretroviral Adherence, Elevated Viral Load, and Drug Resistance Mutations in Human Immunodeficiency Virus-infected Women Initiating Treatment in Pregnancy: A Nested Case-control Study. <i>Clinical Infectious Diseases</i> , 2020 , 70, 501-508	11.6	10
31	Comparison of Alere q whole blood viral load with DBS and plasma viral load in the classification of HIV virological failure 2020 , 15, e0232345		
30	Comparison of Alere q whole blood viral load with DBS and plasma viral load in the classification of HIV virological failure 2020 , 15, e0232345		
29	Comparison of Alere q whole blood viral load with DBS and plasma viral load in the classification of HIV virological failure 2020 , 15, e0232345		
28	Comparison of Alere q whole blood viral load with DBS and plasma viral load in the classification of HIV virological failure 2020 , 15, e0232345		
27	Comparison of Alere q whole blood viral load with DBS and plasma viral load in the classification of HIV virological failure 2020 , 15, e0232345		
26	Comparison of Alere q whole blood viral load with DBS and plasma viral load in the classification of HIV virological failure 2020 , 15, e0232345		
25	Reliability of plasma HIV viral load testing beyond 24 hours: Insights gained from a study in a routine diagnostic laboratory. <i>PLoS ONE</i> , 2019 , 14, e0219381	3.7	5
24	Use of an Indeterminate Range in HIV Early Infant Diagnosis: A Systematic Review and Meta-Analysis. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019 , 82, 281-286	3.1	2
23	Bias in the estimation of cumulative viremia in cohort studies of HIV-infected individuals. <i>Annals of Epidemiology</i> , 2019 , 38, 22-27	6.4	3
22	Integration of postpartum healthcare services for HIV-infected women and their infants in South Africa: A randomised controlled trial. <i>PLoS Medicine</i> , 2018 , 15, e1002547	11.6	53

21	Field evaluation of HIV point-of-care testing for early infant diagnosis in Cape Town, South Africa. <i>PLoS ONE</i> , 2017 , 12, e0189226	3.7	23
20	Misdiagnosed HIV infection in pregnant women initiating universal ART in South Africa. <i>Journal of the International AIDS Society</i> , 2017 , 20, 21758	5.4	6
19	Contamination with HIV antibody may be responsible for false positive results in specimens tested on automated platforms running HIV 4th generation assays in a region of high HIV prevalence. <i>PLoS ONE</i> , 2017 , 12, e0182167	3.7	8
18	Frequency of Viremic Episodes in HIV-Infected Women Initiating Antiretroviral Therapy During Pregnancy: A Cohort Study. <i>Clinical Infectious Diseases</i> , 2017 , 64, 422-427	11.6	34
17	Optimizing Antiretroviral Therapy (ART) for Maternal and Child Health (MCH): Rationale and Design of the MCH-ART Study. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016 , 72 Suppl 2, S189-96	3.1	59
16	Recommendations for the management of indeterminate HIV PCR results within South Africa's early infant diagnosis programme. <i>Southern African Journal of HIV Medicine</i> , 2016 , 17, 451	1.4	14
15	Laboratory Evaluation of the Alere q Point-of-Care System for Early Infant HIV Diagnosis. <i>PLoS ONE</i> , 2016 , 11, e0152672	3.7	45
14	Clinical characterisation and phylogeny of respiratory syncytial virus infection in hospitalised children at Red Cross War Memorial Children's Hospital, Cape Town. <i>BMC Infectious Diseases</i> , 2016 , 16, 236	4	13
13	Plasma viraemia in HIV-positive pregnant women entering antenatal care in South Africa. <i>Journal of the International AIDS Society</i> , 2015 , 18, 20045	5.4	27
12	Point-of-care HIV early infant diagnosis: is test sensitivity everything?. <i>Journal of the International AIDS Society</i> , 2015 , 18, 20235	5.4	7
11	False-negative HIV-1 polymerase chain reaction in a 15-month-old boy with HIV-1 subtype C infection. <i>South African Medical Journal</i> , 2015 , 105, 877	1.5	3
10	Cytomegalovirus viraemia in HIV exposed and infected infants: prevalence and clinical utility for diagnosing CMV pneumonia. <i>Journal of Clinical Virology</i> , 2013 , 58, 74-8	14.5	33
9	Cytomegalovirus load in whole blood is more reliable for predicting and assessing CMV disease than pp65 antigenaemia. <i>Journal of Virological Methods</i> , 2013 , 193, 166-8	2.6	14
8	Novel respiratory syncytial virus subtype ON1 among children, Cape Town, South Africa, 2012. <i>Emerging Infectious Diseases</i> , 2013 , 19, 668-70	10.2	44
7	Linkage of HIV-infected infants from diagnosis to antiretroviral therapy services across the Western Cape, South Africa. <i>PLoS ONE</i> , 2013 , 8, e55308	3.7	46
6	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> ,	50.4	20
5	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa		12
4	A tale of two variants: Spread of SARS-CoV-2 variants Alpha in Geneva, Switzerland, and Beta in South Africa		11

3	Prior infection with SARS-CoV-2 boosts and broadens Ad26.COVS immunogenicity in a variant dependent manner	2
2	Emergence and phenotypic characterization of C.1.2, a globally detected lineage that rapidly accumulated mutations of concern	23
1	Rapid replacement of the Beta variant by the Delta variant in South Africa	17