

Nei-yuan Hsiao

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

5,323
citations

448610

19
h-index

286692

43
g-index

67
all docs

67
docs citations

67
times ranked

8255
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 399, 437-446.	6.3	818
2	Use of Tenofovir Diphosphate Levels to Predict Viremia During the Postpartum Period in Women Living With Human Immunodeficiency Virus (HIV): A Nested Case-Control Study. <i>Clinical Infectious Diseases</i> , 2022, 75, 761-767.	2.9	5
3	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> , 2022, 603, 679-686.	13.7	1,210
4	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.	1.0	8
5	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, 39, .	3.5	84
6	Transfer of Patients on Antiretroviral Therapy Attending Primary Health Care Services in South Africa. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2022, 90, 309-315.	0.9	3
7	Emergence and phenotypic characterization of the global SARS-CoV-2 C.1.2 lineage. <i>Nature Communications</i> , 2022, 13, 1976.	5.8	27
8	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 â€” a survival analysis. <i>International Journal of Infectious Diseases</i> , 2022, 118, 150-154.	1.5	22
9	Outcomes of laboratoryâ€”confirmed <scp>SARSâ€”CoV</scp>â€”2 infection in the Omicronâ€”driven fourth wave compared with previous waves in the Western Cape Province, South Africa. <i>Tropical Medicine and International Health</i> , 2022, 27, 564-573.	1.0	94
10	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.	1.6	18
11	Sixteen novel lineages of SARS-CoV-2 in South Africa. <i>Nature Medicine</i> , 2021, 27, 440-446.	15.2	326
12	Detection of a SARS-CoV-2 variant of concern in South Africa. <i>Nature</i> , 2021, 592, 438-443.	13.7	1,381
13	Relationship of SARS-CoV-2â€”specific CD4 response to COVID-19 severity and impact of HIV-1 and tuberculosis coinfection. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	113
14	Achieving consistency in measures of HIVâ€”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, e25776.	1.2	2
15	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.	0.7	13
16	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.	0.3	1
17	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. <i>Science</i> , 2021, 374, 423-431.	6.0	144
18	Prior infection with SARS-CoV-2 boosts and broadens Ad26.COVS immunogenicity in a variant-dependent manner. <i>Cell Host and Microbe</i> , 2021, 29, 1611-1619.e5.	5.1	106

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19	Track Omicron™s spread with molecular data. <i>Science</i> , 2021, 374, 1454-1455.	6.0	103
20	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.	2.9	18
21	ART Adherence, Resistance, and Long-term HIV Viral Suppression in Postpartum Women. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa346.	0.4	7
22	Mixed-method estimation of population-level HIV viral suppression rate in the Western Cape, South Africa. <i>BMJ Global Health</i> , 2020, 5, e002522.	2.0	3
23	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.	1.1	2
24	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.	1.1	17
25	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.	0.2	2
26	Title is missing!. , 2020, 15, e0232345.		0
27	Title is missing!. , 2020, 15, e0232345.		0
28	Title is missing!. , 2020, 15, e0232345.		0
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37	Title is missing!. , 2020, 15, e0241029.		0
38	Reliability of plasma HIV viral load testing beyond 24 hours: Insights gained from a study in a routine diagnostic laboratory. PLoS ONE, 2019, 14, e0219381.	1.1	12
39	Use of an Indeterminate Range in HIV Early Infant Diagnosis: A Systematic Review and Meta-Analysis. Journal of Acquired Immune Deficiency Syndromes (1999), 2019, 82, 281-286.	0.9	6
40	Bias in the estimation of cumulative viremia in cohort studies of HIV-infected individuals. Annals of Epidemiology, 2019, 38, 22-27.	0.9	8
41	Integration of postpartum healthcare services for HIV-infected women and their infants in South Africa: A randomised controlled trial. PLoS Medicine, 2018, 15, e1002547.	3.9	71
42	Frequency of Viremic Episodes in HIV-Infected Women Initiating Antiretroviral Therapy During Pregnancy: A Cohort Study. Clinical Infectious Diseases, 2017, 64, ciw792.	2.9	49
43	Misdiagnosed HIV infection in pregnant women initiating universal ART in South Africa. Journal of the International AIDS Society, 2017, 20, 21758.	1.2	9
44	Field evaluation of HIV point-of-care testing for early infant diagnosis in Cape Town, South Africa. PLoS ONE, 2017, 12, e0189226.	1.1	31
45	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. PLoS ONE, 2017, 12, e0182167.	1.1	9
46	Laboratory Evaluation of the Alere q Point-of-Care System for Early Infant HIV Diagnosis. PLoS ONE, 2016, 11, e0152672.	1.1	52
47	Clinical characterisation and phylogeny of respiratory syncytial virus infection in hospitalised children at Red Cross War Memorial Children's Hospital, Cape Town. BMC Infectious Diseases, 2016, 16, 236.	1.3	18
48	Optimizing Antiretroviral Therapy (ART) for Maternal and Child Health (MCH): Rationale and Design of the MCH-ART Study. Journal of Acquired Immune Deficiency Syndromes (1999), 2016, 72, S189-S196.	0.9	66
49	Recommendations for the management of indeterminate HIV PCR results within South Africa's early infant diagnosis programme. Southern African Journal of HIV Medicine, 2016, 17, 451.	0.3	18
50	Plasma viraemia in HIV-positive pregnant women entering antenatal care in South Africa. Journal of the International AIDS Society, 2015, 18, 20045.	1.2	28
51	Point-of-care HIV early infant diagnosis: is test sensitivity everything?. Journal of the International AIDS Society, 2015, 18, 20235.	1.2	9
52	False-negative HIV-1 polymerase chain reaction in a 15-month-old boy with HIV-1 subtype C infection. South African Medical Journal, 2015, 105, 877.	0.2	5
53	Cytomegalovirus viraemia in HIV exposed and infected infants: Prevalence and clinical utility for diagnosing CMV pneumonia. Journal of Clinical Virology, 2013, 58, 74-78.	1.6	39
54	Cytomegalovirus load in whole blood is more reliable for predicting and assessing CMV disease than pp65 antigenaemia. Journal of Virological Methods, 2013, 193, 166-168.	1.0	15

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55	Novel Respiratory Syncytial Virus Subtype ON1 among Children, Cape Town, South Africa, 2012. <i>Emerging Infectious Diseases</i> , 2013, 19, 668-70.	2.0	47
56	Linkage of HIV-Infected Infants from Diagnosis to Antiretroviral Therapy Services across the Western Cape, South Africa. <i>PLoS ONE</i> , 2013, 8, e55308.	1.1	56
57	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> , 0, , .	13.7	61