Nei-yuan Hsiao

List of Publications by Year
in descending order

57	5,323	393982	253896
papers	citations	19 h-index	43 g-index

67	67	67	7782
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection of a SARS-CoV-2 variant of concern in South Africa. Nature, 2021, 592, 438-443.	13.7	1,381
2	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. Nature, 2022, 603, 679-686.	13.7	1,210
3	Early assessment of the clinical severity of the SARS-CoV-2 omicron variant in South Africa: a data linkage study. Lancet, The, 2022, 399, 437-446.	6.3	818
4	Sixteen novel lineages of SARS-CoV-2 in South Africa. Nature Medicine, 2021, 27, 440-446.	15.2	326
5	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. Science, 2021, 374, 423-431.	6.0	144
6	Relationship of SARS-CoV-2â€“specific CD4 response to COVID-19 severity and impact of HIV-1 and tuberculosis coinfection. Journal of Clinical Investigation, 2021, 131, .	3.9	113
7	Prior infection with SARS-CoV-2 boosts and broadens Ad26.COV2.S immunogenicity in a variant-dependent manner. Cell Host and Microbe, 2021, 29, 1611-1619.e5.	5.1	106
8	Track Omicronâ€™s spread with molecular data. Science, 2021, 374, 1454-1455.	6.0	103
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. Tropical Medicine and International Health, 2022, 27, 564-573.	1.0	94
10	Selection Analysis Identifies Clusters of Unusual Mutational Changes in Omicron Lineage BA.1 That Likely Impact Spike Function. Molecular Biology and Evolution, 2022, 39, .	3.5	84
11	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
12	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
13	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. Nature, 0, , .	13.7	61
14	Linkage of HIV-Infected Infants from Diagnosis to Antiretroviral Therapy Services across the Western Cape, South Africa. PLoS ONE, 2013, 8, e55308.	1.1	56
15	Laboratory Evaluation of the Alere q Point-of-Care System for Early Infant HIV Diagnosis. PLoS ONE, 2016, 11, e0152672.	1.1	52
16	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
17	Novel Respiratory Syncytial Virus Subtype ON1 among Children, Cape Town, South Africa, 2012. Emerging Infectious Diseases, 2013, 19, 668-70.	2.0	47
18	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

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19	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
20	Plasma viraemia in HIVâ€positive pregnant women entering antenatal care in South Africa. Journal of the International AIDS Society, 2015, 18, 20045.	1.2	28
21	Emergence and phenotypic characterization of the global SARS-CoV-2 C.1.2 lineage. Nature Communications, 2022, 13, 1976.	5.8	27
22	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. International Journal of Infectious Diseases, 2022, 118, 150-154.	1.5	22
23	Clinical characterisation and phylogeny of respiratory syncytial virus infection in hospitalised children at Red Cross War Memorial Childrenâ€™s Hospital, Cape Town. BMC Infectious Diseases, 2016, 16, 236.	1.3	18
24	Antiretroviral Adherence, Elevated Viral Load, and Drug Resistance Mutations in Human Immunodeficiency Virusâ€“infected Women Initiating Treatment in Pregnancy: A Nested Case-control Study. Clinical Infectious Diseases, 2020, 70, 501-508.	2.9	18
25	Recommendations for the management of indeterminate HIV PCR results within South Africaâ€™s early infant diagnosis programme. Southern African Journal of HIV Medicine, 2016, 17, 451.	0.3	18
26	Improved oral detection is a characteristic of Omicron infection and has implications for clinical sampling and tissue tropism. Journal of Clinical Virology, 2022, 152, 105170.	1.6	18
27	The implementation of a rapid sample preparation method for the detection of SARS-CoV-2 in a diagnostic laboratory in South Africa. PLoS ONE, 2020, 15, e0241029.	1.1	17
28	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
29	Early ART-initiation and longer ART duration reduces HIV-1 proviral DNA levels in children from the CHER trial. AIDS Research and Therapy, 2021, 18, 63.	0.7	13
30	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
31	Pointâ€ofâ€care HIV early infant diagnosis: is test sensitivity everything?. Journal of the International AIDS Society, 2015, 18, 20235.	1.2	9
32	Misdiagnosed HIV infection in pregnant women initiating universal ART in South Africa. Journal of the International AIDS Society, 2017, 20, 21758.	1.2	9
33	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
34	Bias in the estimation of cumulative viremia in cohort studies of HIV-infected individuals. Annals of Epidemiology, 2019, 38, 22-27.	0.9	8
35	Reduced amplification efficiency of the RNA-dependent-RNA-polymerase target enables tracking of the Delta SARS-CoV-2 variant using routine diagnostic tests. Journal of Virological Methods, 2022, 302, 114471.	1.0	8
36	ART Adherence, Resistance, and Long-term HIV Viral Suppression in Postpartum Women. Open Forum Infectious Diseases, 2020, 7, ofaa346.	0.4	7

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37	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
38	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
39	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. Clinical Infectious Diseases, 2022, 75, 761-767.	2.9	5
40	Mixed-method estimation of population-level HIV viral suppression rate in the Western Cape, South Africa. BMJ Global Health, 2020, 5, e002522.	2.0	3
41	Transfer of Patients on Antiretroviral Therapy Attending Primary Health Care Services in South Africa. Journal of Acquired Immune Deficiency Syndromes (1999), 2022, 90, 309-315.	0.9	3
42	Comparison of Alere q whole blood viral load with DBS and plasma viral load in the classification of HIV virological failure. PLoS ONE, 2020, 15, e0232345.	1.1	2
43	Achieving consistency in measures of HIVâ€1 viral suppression across countries: derivation of an adjustment based on international antiretroviral treatment cohort data. Journal of the International AIDS Society, 2021, 24, e25776.	1.2	2
44	Response to a cluster of Severe Acute Respiratory Syndrome Coronavirus 2 cases at a diagnostic laboratory. African Journal of Laboratory Medicine, 2020, 9, 1307.	0.2	2
45	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. Pan African Medical Journal, 2021, 38, 196.	0.3	1
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