

Gert J K Marais

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.

36
papers

1,405
citations

13
h-index

37
g-index

46
ext. papers

2,879
ext. citations

12.3
avg, IF

4.45
L-index

#	Paper	IF	Citations
36	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa.. <i>Nature</i> , 2022 ,	50.4	205
35	Escape from recognition of SARS-CoV-2 variant spike epitopes but overall preservation of T cell immunity. <i>Science Translational Medicine</i> , 2022 , 14,	17.5	14
34	Prevalence and patterns of HIV drug resistance in patients with suspected virological failure in North-Western Tanzania.. <i>Journal of Antimicrobial Chemotherapy</i> , 2022 , 77, 483-491	5.1	1
33	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
32	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
31	Drug resistance, rather than low tenofovir levels in blood or urine, is associated with tenofovir, emtricitabine and efavirenz (TEE) failure in resource-limited settings. <i>AIDS Research and Human Retroviruses</i> , 2021 ,	1.6	2
30	Clinical Experience With Severe Acute Respiratory Syndrome Coronavirus 2-Related Illness in Children: Hospital Experience in Cape Town, South Africa. <i>Clinical Infectious Diseases</i> , 2021 , 72, e938-e944	11.6	16
29	Detection of a SARS-CoV-2 variant of concern in South Africa. <i>Nature</i> , 2021 , 592, 438-443	50.4	685
28	SARS-CoV-2 501Y.V2 (B.1.351) elicits cross-reactive neutralizing antibodies 2021 ,		16
27	Virologic efficacy of tenofovir, lamivudine and dolutegravir as second-line antiretroviral therapy in adults failing a tenofovir-based first-line regimen. <i>Aids</i> , 2021 , 35, 1423-1432	3.5	6
26	Molecular characterisation and epidemiology of enterovirus-associated aseptic meningitis in the Western and Eastern Cape Provinces, South Africa 2018-2019. <i>Journal of Clinical Virology</i> , 2021 , 139, 104845	14.5	1
25	An assessment of hepatitis B virus prevalence in South African young blood donors born after the implementation of the infant hepatitis B virus immunization program: Implications for transfusion safety. <i>Transfusion</i> , 2021 , 61, 2688-2700	2.9	2
24	Sixteen novel lineages of SARS-CoV-2 in South Africa. <i>Nature Medicine</i> , 2021 , 27, 440-446	50.5	206
23	Multiple Early Introductions of SARS-CoV-2 to Cape Town, South Africa. <i>Viruses</i> , 2021 , 13,	6.2	9
22	Comparing mutational pathways to lopinavir resistance in HIV-1 subtypes B versus C. <i>PLoS Computational Biology</i> , 2021 , 17, e1008363	5	1
21	Performance of saliva and mid-turbinate swabs for detection of the beta variant in South Africa. <i>Lancet Infectious Diseases</i> , 2021 , 21, 1354	25.5	5
20	Escape from recognition of SARS-CoV-2 Beta variant spike epitopes but overall preservation of T cell immunity.. <i>Science Translational Medicine</i> , 2021 , eabj6824	17.5	4

19	High positive HIV serology results can still be false positive. <i>IDCases</i> , 2020 , 21, e00849	2	2
18	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
17	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
16	Better Virological Outcomes Among People Living With Human Immunodeficiency Virus (HIV) Initiating Early Antiretroviral Treatment (CD4 Counts ≥ 500 Cells/ μ L) in the HIV Prevention Trials Network 071 (PopART) Trial in South Africa. <i>Clinical Infectious Diseases</i> , 2020 , 70, 395-403	11.6	9
15	What Should We Do When HIV-positive Children Fail First-line Combination Antiretroviral Therapy? A Comparison of 4 ART Management Strategies. <i>Pediatric Infectious Disease Journal</i> , 2019 , 38, 400-405	3.4	3
14	Lessons in diagnostic virology: expected and unexpected sources of error. <i>Reviews in Medical Virology</i> , 2019 , 29, e2052	11.7	12
13	PhyloPi: An affordable, purpose built phylogenetic pipeline for the HIV drug resistance testing facility. <i>PLoS ONE</i> , 2019 , 14, e0213241	3.7	1
12	Evaluation of the Performance of Three Biomarker Assays for Recent HIV Infection Using a Well-Characterized HIV-1 Subtype C Incidence Cohort. <i>AIDS Research and Human Retroviruses</i> , 2019 , 35, 615-627	1.6	3
11	The effect of interventions on the transmission and spread of HIV in South Africa: a phylodynamic analysis. <i>Scientific Reports</i> , 2019 , 9, 2640	4.9	5
10	Rapid emergence of resistance to antiretroviral treatment after undisclosed prior exposure: A case report. <i>Southern African Journal of HIV Medicine</i> , 2019 , 20, 965	1.4	
9	A Clinical Prediction Rule for Protease Inhibitor Resistance in Patients Failing Second-Line Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019 , 80, 325-329	3.1	7
8	Assessment of HIV transfusion transmission risk in South Africa: a 10-year analysis following implementation of individual donation nucleic acid amplification technology testing and donor demographics eligibility changes. <i>Transfusion</i> , 2019 , 59, 267-276	2.9	25
7	HIV evolution and diversity in ART-treated patients. <i>Retrovirology</i> , 2018 , 15, 14	3.6	36
6	Collaborative update of a rule-based expert system for HIV-1 genotypic resistance test interpretation. <i>PLoS ONE</i> , 2017 , 12, e0181357	3.7	22
5	Mutational Heterogeneity in p6 Gag Late Assembly (L) Domains in HIV-1 Subtype C Viruses from South Africa. <i>AIDS Research and Human Retroviruses</i> , 2016 , 32, 80-4	1.6	13
4	A qualitative PCR minipool strategy to screen for virologic failure and antiretroviral drug resistance in South African patients on first-line antiretroviral therapy. <i>Journal of Clinical Virology</i> , 2014 , 60, 387-91	14.5	8
3	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> ,	50.4	20
2	Saliva swabs are the preferred sample for Omicron detection		13

1 Improved performance of saliva for the detection of the B.1.351 variant in South Africa

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