

Marion Vermeulen

List of Publications by Citations

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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.

48
papers

1,848
citations

19
h-index

42
g-index

55
ext. papers

2,408
ext. citations

5.4
avg, IF

5.01
L-index

#	Paper	IF	Citations
48	SARS-CoV-2 501Y.V2 escapes neutralization by South African COVID-19 donor plasma. <i>Nature Medicine</i> , 2021 , 27, 622-625	50.5	670
47	Transmitted/founder and chronic subtype C HIV-1 use CD4 and CCR5 receptors with equal efficiency and are not inhibited by blocking the integrin $\alpha 5$. <i>PLoS Pathogens</i> , 2012 , 8, e1002686	7.6	120
46	Blood transfusion safety in Africa: a literature review of infectious disease and organizational challenges. <i>Transfusion Medicine Reviews</i> , 2012 , 26, 164-80	7.4	106
45	Impact of individual-donation nucleic acid testing on risk of human immunodeficiency virus, hepatitis B virus, and hepatitis C virus transmission by blood transfusion in South Africa. <i>Transfusion</i> , 2009 , 49, 1115-25	2.9	103
44	Comparison of viral Env proteins from acute and chronic infections with subtype C human immunodeficiency virus type 1 identifies differences in glycosylation and CCR5 utilization and suggests a new strategy for immunogen design. <i>Journal of Virology</i> , 2013 , 87, 7218-33	6.6	93
43	Refinement of a viral transmission risk model for blood donations in seroconversion window phase screened by nucleic acid testing in different pool sizes and repeat test algorithms. <i>Transfusion</i> , 2011 , 51, 203-15	2.9	82
42	Characterization of occult hepatitis B virus strains in South African blood donors. <i>Hepatology</i> , 2009 , 49, 1868-76	11.2	62
41	Features of Recently Transmitted HIV-1 Clade C Viruses that Impact Antibody Recognition: Implications for Active and Passive Immunization. <i>PLoS Pathogens</i> , 2016 , 12, e1005742	7.6	61
40	Hepatitis B virus transmission by blood transfusion during 4 years of individual-donation nucleic acid testing in South Africa: estimated and observed window period risk. <i>Transfusion</i> , 2012 , 52, 880-92	2.9	58
39	Changing epidemiology of human parvovirus 4 infection in sub-Saharan Africa. <i>Emerging Infectious Diseases</i> , 2010 , 16, 1605-7	10.2	49
38	Sensitivity of individual-donation and minipool nucleic acid amplification test options in detecting window period and occult hepatitis B virus infections. <i>Transfusion</i> , 2013 , 53, 2459-66	2.9	46
37	ABO blood group and COVID-19: a review on behalf of the ISBT COVID-19 Working Group. <i>Vox Sanguinis</i> , 2021 , 116, 849-861	3.1	41
36	Detection of different categories of hepatitis B virus (HBV) infection in a multi-regional study comparing the clinical sensitivity of hepatitis B surface antigen and HBV-DNA testing. <i>Transfusion</i> , 2017 , 57, 24-35	2.9	39
35	The use of rapid diagnostic tests for transfusion infectious screening in Africa: a literature review. <i>Transfusion Medicine Reviews</i> , 2015 , 29, 35-44	7.4	38
34	Comparison of human immunodeficiency virus assays in window phase and elite controller samples: viral load distribution and implications for transmission risk. <i>Transfusion</i> , 2013 , 53, 2384-98	2.9	27
33	Guidance for the procurement of COVID-19 convalescent plasma: differences between high- and low-middle-income countries. <i>Vox Sanguinis</i> , 2021 , 116, 18-35	3.1	27
32	A mathematical model for estimating residual transmission risk of occult hepatitis B virus infection with different blood safety scenarios. <i>Transfusion</i> , 2017 , 57, 841-849	2.9	26

31	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
30	Prevalence of anti-SARS-CoV-2 antibodies among blood donors in Northern Cape, KwaZulu-Natal, Eastern Cape, and Free State provinces of South Africa in January 2021 2021 ,		21
29	A mathematical approach to estimate the efficacy of individual-donation and minipool nucleic acid amplification test options in preventing transmission risk by window period and occult hepatitis B virus infections. <i>Transfusion</i> , 2014 , 54, 2496-504	2.9	19
28	High seroprevalence of enterovirus infections in apes and old world monkeys. <i>Emerging Infectious Diseases</i> , 2012 , 18, 283-6	10.2	17
27	Discovery of False Elite Controllers: HIV Antibody-Positive RNA-Negative Blood Donors Found To Be on Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2019 , 220, 643-647	7	15
26	Pilot studies for development of an HIV subtype panel for surveillance of global diversity. <i>AIDS Research and Human Retroviruses</i> , 2012 , 28, 594-606	1.6	13
25	The prevalence of human T-lymphotropic virus type 1 & 2 (HTLV-1/2) in South African blood donors. <i>Vox Sanguinis</i> , 2019 , 114, 451-458	3.1	12
24	Substantial variation in the hepatitis B surface antigen (HBsAg) in hepatitis B virus (HBV)-positive patients from South Africa: Reliable detection of HBV by the Elecsys HBsAg II assay. <i>Journal of Clinical Virology</i> , 2018 , 101, 38-43	14.5	10
23	Direct comparison of three residual risk models for hepatitis B virus window period infections using updated input parameters. <i>Vox Sanguinis</i> , 2020 , 115, 133-145	3.1	9
22	Use of Blood Donor Screening to Monitor Prevalence of HIV and Hepatitis B and C Viruses, South Africa. <i>Emerging Infectious Diseases</i> , 2017 , 23, 1560-1563	10.2	8
21	Seroconverting blood donors as a resource for characterising and optimising recent infection testing algorithms for incidence estimation. <i>PLoS ONE</i> , 2011 , 6, e20027	3.7	7
20	Reassessment of hepatitis B virus window periods for two transcription-mediated amplification assays using screening data of South African blood donors. <i>Transfusion</i> , 2019 , 59, 2922-2930	2.9	6
19	Prevalence of anti-SARS-CoV-2 antibodies among blood donors in South Africa during the period January-May 2021		4
18	The current status of nucleic acid amplification technology in transfusion-transmitted infectious disease testing. <i>ISBT Science Series</i> , 2016 , 11, 123-128	1.1	4
17	HIV incidence in South African blood donors from 2012 to 2016: a comparison of estimation methods. <i>Vox Sanguinis</i> , 2021 , 116, 71-80	3.1	4
16	Convalescent plasma in the treatment of moderate to severe COVID-19 pneumonia: a randomized controlled trial (PROTECT-Patient Trial).. <i>Scientific Reports</i> , 2022 , 12, 2552	4.9	4
15	Health economic implications of testing blood donors in South Africa for HTLV 1 & 2 infection. <i>Vox Sanguinis</i> , 2019 , 114, 467-477	3.1	3
14	International Forum on Occult hepatitis B infection and transfusion safety. <i>Vox Sanguinis</i> , 2019 , 114, e1-e35	3.1	2

13	Transfusion medicine and blood banking education and training for blood establishment laboratory staff: A review of selected countries in Africa. <i>Transfusion</i> , 2021 , 61, 1955-1965	2.9	2
12	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
11	Undisclosed HIV status and antiretroviral therapy use among South African blood donors. <i>Transfusion</i> , 2021 , 61, 2392-2400	2.9	2
10	Prevalence of anti-SARS-CoV-2 antibodies among blood donors in South Africa during the period January-May 2021		2
9	Rapid and Successful Implementation of a COVID-19 Convalescent Plasma Programme-The South African Experience. <i>Viruses</i> , 2021 , 13,	6.2	1
8	Comparison of two nucleic acid amplification technology systems for detection of human immunodeficiency virus, hepatitis B virus, and hepatitis C virus. <i>Transfusion</i> , 2020 , 60, 2929-2937	2.9	1
7	Lessons learned in the collection of convalescent plasma during the COVID-19 pandemic. <i>Vox Sanguinis</i> , 2021 , 116, 872-879	3.1	1
6	International Forum on the Collection and Use of COVID-19 Convalescent Plasma: Responses. <i>Vox Sanguinis</i> , 2021 , 116, e71-e120	3.1	1
5	Modeling global transfusion medicine education. <i>Transfusion</i> , 2021 , 61, 3040-3049	2.9	1
4	Estimates of prevalence of anti-SARS-CoV-2 antibodies among blood donors in eight provinces of South Africa in November 2021. 2022 ,		1
3	International Forum on the Collection and Use of COVID-19 Convalescent Plasma: Protocols, Challenges and Lessons Learned: Summary. <i>Vox Sanguinis</i> , 2021 , 116, 1117-1135	3.1	0
2	Response to article entitled, Health policy implications of blood transfusion-related human T-cell lymphotropic virus type 1 infection and disease. <i>Southern African Journal of Infectious Diseases</i> , 2015 , 30, 147-147	0.4	
1	Comment on: One window-period donation in two years of individual donor-nucleic acid test screening for hepatitis B, hepatitis C and human immunodeficiency virus. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2013 , 35, 225-6		