

Anne von Gottberg

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.

79
papers

4,383
citations

29
h-index

66
g-index

90
ext. papers

8,343
ext. citations

15.6
avg, IF

5.47
L-index

#	Paper	IF	Citations
79	Detection of a SARS-CoV-2 variant of concern in South Africa. <i>Nature</i> , 2021 , 592, 438-443	50.4	685
78	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
77	Effects of vaccination on invasive pneumococcal disease in South Africa. <i>New England Journal of Medicine</i> , 2014 , 371, 1889-99	59.2	246
76	Omicron extensively but incompletely escapes Pfizer BNT162b2 neutralization.. <i>Nature</i> , 2021 ,	50.4	209
75	Sixteen novel lineages of SARS-CoV-2 in South Africa. <i>Nature Medicine</i> , 2021 , 27, 440-446	50.5	206
74	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa.. <i>Nature</i> , 2022 ,	50.4	205
73	SARS-CoV-2 501Y.V2 escapes neutralization by South African COVID-19 donor plasma 2021 ,		183
72	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
71	Increased risk of SARS-CoV-2 reinfection associated with emergence of the Omicron variant in South Africa		143
70	SARS-CoV-2 Omicron has extensive but incomplete escape of Pfizer BNT162b2 elicited neutralization and requires ACE2 for infection. 2021 ,		130
69	High nasopharyngeal pneumococcal density, increased by viral coinfection, is associated with invasive pneumococcal pneumonia. <i>Journal of Infectious Diseases</i> , 2014 , 210, 1649-57	7	120
68	Severe influenza-associated respiratory infection in high HIV prevalence setting, South Africa, 2009-2011. <i>Emerging Infectious Diseases</i> , 2013 , 19, 1766-74	10.2	108
67	Increased risk of SARS-CoV-2 reinfection associated with emergence of Omicron in South Africa.. <i>Science</i> , 2022 , 376, eabn4947	33.3	89
66	Increased risk for and mortality from invasive pneumococcal disease in HIV-exposed but uninfected infants aged . <i>Clinical Infectious Diseases</i> , 2015 , 60, 1346-56	11.6	70
65	The relative invasive disease potential of <i>Streptococcus pneumoniae</i> among children after PCV introduction: A systematic review and meta-analysis. <i>Journal of Infection</i> , 2018 , 77, 368-378	18.9	62
64	Epidemiology of Acute Lower Respiratory Tract Infection in HIV-Exposed Uninfected Infants. <i>Pediatrics</i> , 2016 , 137,	7.4	60
63	Mortality amongst patients with influenza-associated severe acute respiratory illness, South Africa, 2009-2013. <i>PLoS ONE</i> , 2015 , 10, e0118884	3.7	57

62	Epidemiology of viral-associated acute lower respiratory tract infection among children . <i>Pediatric Infectious Disease Journal</i> , 2015 , 34, 66-72	3.4	50
61	Difference in mortality among individuals admitted to hospital with COVID-19 during the first and second waves in South Africa: a cohort study. <i>The Lancet Global Health</i> , 2021 , 9, e1216-e1225	13.6	43
60	Persistent high burden of invasive pneumococcal disease in South African HIV-infected adults in the era of an antiretroviral treatment program. <i>PLoS ONE</i> , 2011 , 6, e27929	3.7	41
59	Temporal changes in pneumococcal colonization in a rural African community with high HIV prevalence following routine infant pneumococcal immunization. <i>Pediatric Infectious Disease Journal</i> , 2013 , 32, 1270-8	3.4	39
58	Joint sequencing of human and pathogen genomes reveals the genetics of pneumococcal meningitis. <i>Nature Communications</i> , 2019 , 10, 2176	17.4	37
57	Epidemiology of severe acute respiratory illness (SARI) among adults and children aged 8 years in a high HIV-prevalence setting, 2009-2012. <i>PLoS ONE</i> , 2015 , 10, e0117716	3.7	37
56	Effectiveness of 7-valent pneumococcal conjugate vaccine against invasive pneumococcal disease in HIV-infected and -uninfected children in south africa: a matched case-control study. <i>Clinical Infectious Diseases</i> , 2014 , 59, 808-18	11.6	36
55	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
54	Effectiveness of the 13-valent pneumococcal conjugate vaccine against invasive pneumococcal disease in South African children: a case-control study. <i>The Lancet Global Health</i> , 2017 , 5, e359-e369	13.6	33
53	Omicron extensively but incompletely escapes Pfizer BNT162b2 neutralization. <i>Nature</i> ,	50.4	31
52	Acquisition of <i>Streptococcus pneumoniae</i> in pneumococcal conjugate vaccine-naïve South African children and their mothers. <i>Pediatric Infectious Disease Journal</i> , 2013 , 32, e192-205	3.4	29
51	HIV and influenza virus infections are associated with increased blood pneumococcal load: a prospective, hospital-based observational study in South Africa, 2009-2011. <i>Journal of Infectious Diseases</i> , 2014 , 209, 56-65	7	28
50	Temporal Changes in Pneumococcal Colonization in HIV-infected and HIV-uninfected Mother-Child Pairs Following Transitioning From 7-valent to 13-valent Pneumococcal Conjugate Vaccine, Soweto, South Africa. <i>Journal of Infectious Diseases</i> , 2015 , 212, 1082-92	7	26
49	Estimated severe pneumococcal disease cases and deaths before and after pneumococcal conjugate vaccine introduction in children younger than 5 years of age in South Africa. <i>PLoS ONE</i> , 2017 , 12, e0179905	3.7	23
48	Region-specific diversification of the highly virulent serotype 1. <i>Microbial Genomics</i> , 2015 , 1, e000027	4.4	23
47	Emergence and phenotypic characterization of C.1.2, a globally detected lineage that rapidly accumulated mutations of concern		23
46	Increased mortality among individuals hospitalised with COVID-19 during the second wave in South Africa		22
45	Challenges of using molecular serotyping for surveillance of pneumococcal disease. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 3271-6	9.7	21

44	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> , 2021, 598, 102-106	50.4	20
43	HIV-1 and SARS-CoV-2: Patterns in the evolution of two pandemic pathogens. <i>Cell Host and Microbe</i> , 2021, 29, 1093-1110	23.4	19
42	SARS-CoV-2 Seroprevalence in a Rural and Urban Household Cohort during First and Second Waves of Infections, South Africa, July 2020-March 2021. <i>Emerging Infectious Diseases</i> , 2021, 27, 3020-3029	10.2	19
41	Streptococcus pneumoniae Serotypes and Mortality in Adults and Adolescents in South Africa: Analysis of National Surveillance Data, 2003 - 2008. <i>PLoS ONE</i> , 2015, 10, e0140185	3.7	17
40	Asymptomatic transmission and high community burden of seasonal influenza in an urban and a rural community in South Africa, 2017-18 (PHIRST): a population cohort study. <i>The Lancet Global Health</i> , 2021, 9, e863-e874	13.6	17
39	The global distribution and diversity of protein vaccine candidate antigens in the highly virulent Streptococcus pneumoniae serotype 1. <i>Vaccine</i> , 2017, 35, 972-980	4.1	16
38	Surveillance for incidence and etiology of early-onset neonatal sepsis in Soweto, South Africa. <i>PLoS ONE</i> , 2019, 14, e0214077	3.7	15
37	Human metapneumovirus-associated severe acute respiratory illness hospitalisation in HIV-infected and HIV-uninfected South African children and adults. <i>Journal of Clinical Virology</i> , 2015, 69, 125-32	14.5	15
36	Dynamics of pneumococcal transmission in vaccine-naive children and their HIV-infected or HIV-uninfected mothers during the first 2 years of life. <i>American Journal of Epidemiology</i> , 2013, 178, 1629-37	2.8	15
35	Longitudinal study on Streptococcus pneumoniae, Haemophilus influenzae and Staphylococcus aureus nasopharyngeal colonization in HIV-infected and -uninfected infants vaccinated with pneumococcal conjugate vaccine. <i>Vaccine</i> , 2015, 33, 2662-9	4.1	14
34	Population snapshot of Streptococcus pneumoniae causing invasive disease in South Africa prior to introduction of pneumococcal conjugate vaccines. <i>PLoS ONE</i> , 2014, 9, e107666	3.7	13
33	Visualizing variation within Global Pneumococcal Sequence Clusters (GPSCs) and country population snapshots to contextualize pneumococcal isolates. <i>Microbial Genomics</i> , 2020, 6, e000000	4.4	13
32	Acquisition of Streptococcus pneumoniae in South African children vaccinated with 7-valent pneumococcal conjugate vaccine at 6, 14 and 40 weeks of age. <i>Vaccine</i> , 2015, 33, 628-34	4.1	12
31	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa		12
30	SARS-CoV-2 incidence, transmission and reinfection in a rural and an urban setting: results of the PHIRST-C cohort study, South Africa, 2020-2021. 2021, medRxiv preprint doi: https://doi.org/10.1101/2021.09.27.21268888 ; this version posted October 1, 2021. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted medRxiv a license to display the preprint in perpetuity. It is made available under a CC-BY 4.0 International license.		12
29	Mycobacterium tuberculosis bloodstream infection prevalence, diagnosis, and mortality risk in seriously ill adults with HIV: a systematic review and meta-analysis of individual patient data. <i>Lancet Infectious Diseases</i> , 2020, 20, 742-752	25.5	11
28	Phylogenetic Analysis of Invasive Serotype 1 Pneumococcus in South Africa, 1989 to 2013. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1326-34	9.7	11
27	Emergence of fluoroquinolone-resistant Streptococcus pneumoniae in a South African child in a tuberculosis treatment facility. <i>Pediatric Infectious Disease Journal</i> , 2003, 22, 1020-1	3.4	10

26	Genomic analysis of nontypeable pneumococci causing invasive pneumococcal disease in South Africa, 2003-2013. <i>BMC Genomics</i> , 2016 , 17, 470	4.5	10
25	Factors associated with ceftriaxone nonsusceptibility of <i>Streptococcus pneumoniae</i> : analysis of South African national surveillance data, 2003 to 2010. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 3293-305	5.9	9
24	Global Landscape Review of Serotype-Specific Invasive Pneumococcal Disease Surveillance among Countries Using PCV10/13: The Pneumococcal Serotype Replacement and Distribution Estimation (PSERENADE) Project. <i>Microorganisms</i> , 2021 , 9,	4.9	9
23	Aetiology of bacterial meningitis in infants aged . <i>International Journal of Infectious Diseases</i> , 2020 , 97, 251-257	10.5	8
22	Effectiveness of the Ad26.COVS vaccine in health-care workers in South Africa (the Sisonke study): results from a single-arm, open-label, phase 3B, implementation study.. <i>Lancet, The</i> , 2022 , 399, 1141-1153	40	7
21	Parainfluenza Virus Infection Among Human Immunodeficiency Virus (HIV)-Infected and HIV-Uninfected Children and Adults Hospitalized for Severe Acute Respiratory Illness in South Africa, 2009-2014. <i>Open Forum Infectious Diseases</i> , 2015 , 2, ofv139	1	6
20	Cohort profile: A Prospective Household cohort study of Influenza, Respiratory syncytial virus and other respiratory pathogens community burden and Transmission dynamics in South Africa, 2016-2018. <i>Influenza and Other Respiratory Viruses</i> , 2021 , 15, 789-803	5.6	6
19	Meningococcal serogroup Y lpxL1 variants from South Africa are associated with clonal complex 23 among young adults. <i>Journal of Infection</i> , 2014 , 68, 455-61	18.9	5
18	Putative novel cps loci in a large global collection of pneumococci. <i>Microbial Genomics</i> , 2019 , 5,	4.4	5
17	SARS-CoV-2 incidence, transmission, and reinfection in a rural and an urban setting: results of the PHIRST-C cohort study, South Africa, 2020-21.. <i>Lancet Infectious Diseases, The</i> , 2022 ,	25.5	5
16	Influenza disease burden among potential target risk groups for immunization in South Africa, 2013-2015. <i>Vaccine</i> , 2020 , 38, 4288-4297	4.1	4
15	Can pneumococcal meningitis surveillance be used to assess the impact of pneumococcal conjugate vaccine on total invasive pneumococcal disease? A case-study from South Africa, 2005-2016. <i>Vaccine</i> , 2019 , 37, 5724-5730	4.1	3
14	Changes in Invasive Pneumococcal Disease Caused by Serotype 1 Following Introduction of PCV10 and PCV13: Findings from the PSERENADE Project. <i>Microorganisms</i> , 2021 , 9,	4.9	3
13	Emergence and phenotypic characterization of the global SARS-CoV-2 C.1.2 lineage.. <i>Nature Communications</i> , 2022 , 13, 1976	17.4	3
12	Meningitis: a frequently fatal diagnosis in Africa. <i>Lancet Infectious Diseases, The</i> , 2019 , 19, 676-678	25.5	2
11	Persistence of SARS-CoV-2 immunity, Omicron footprints, and projections of epidemic resurgences in South African population cohorts.		2
10	Estimated impact of the pneumococcal conjugate vaccine on pneumonia mortality in South Africa, 1999 through 2016: An ecological modelling study. <i>PLoS Medicine</i> , 2021 , 18, e1003537	11.6	2
9	Impact and effectiveness of 13-valent pneumococcal conjugate vaccine on population incidence of vaccine and non-vaccine serotype invasive pneumococcal disease in Blantyre, Malawi, 2006-18: prospective observational time-series and case-control studies. <i>The Lancet Global Health</i> , 2021 , 9, e989-e998	13.6	2

8	An early warning system for emerging SARS-CoV-2 variants. <i>Nature Medicine</i> ,	50.5	2
7	Influenza economic burden among potential target risk groups for immunization in South Africa, 2013-2015. <i>Vaccine</i> , 2020 , 38, 7007-7014	4.1	1
6	Two cases of serotypeable and non-serotypeable variants of <i>Streptococcus pneumoniae</i> detected simultaneously during invasive disease. <i>BMC Microbiology</i> , 2016 , 16, 126	4.5	1
5	Cohort Profile: a Prospective Household cohort study of Influenza, Respiratory Syncytial virus, and other respiratory pathogens community burden and Transmission dynamics in South Africa (PHIRST), 2016-2018		1
4	Clinical severity of COVID-19 patients admitted to hospitals during the Omicron wave in South Africa		1
3	Cytokine response in cerebrospinal fluid of meningitis patients and outcome associated with pneumococcal serotype. <i>Scientific Reports</i> , 2021 , 11, 19920	4.9	0
2	Mortality in children aged . <i>PLoS ONE</i> , 2021 , 16, e0255941	3.7	0
1	Estimating the contribution of HIV-infected adults to household pneumococcal transmission in South Africa, 2016-2018: A hidden Markov modelling study.. <i>PLoS Computational Biology</i> , 2021 , 17, e1009680	5.680	0