Anne von Gottberg

List of Publications by Year
in descending order

75 papers	10,677 citations	156536 32 h-index	93651 72 g-index
90 all docs	90 docs citations	90 times ranked	13594 citing authors

#	Article	IF	Citations
1	Unmasking Pneumococcal Carriage in a High Human Immunodeficiency Virus (HIV) Prevalence Population in two Community Cohorts in South Africa, 2016â€“2018: The PHIRST Study. Clinical Infectious Diseases, 2023, 76, e710-e717.	2.9	2
2	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
3	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. Nature, 2022, 603, 679-686.	13.7	1,210
4	Omicron extensively but incompletely escapes Pfizer BNT162b2 neutralization. Nature, 2022, 602, 654-656.	13.7	928
5	SARS-CoV-2 incidence, transmission, and reinfection in a rural and an urban setting: results of the PHIRST-C cohort study, South Africa, 2020â€“21. Lancet Infectious Diseases, The, 2022, 22, 821-834.	4.6	74
6	Effectiveness of the Ad26.COV2.S vaccine in health-care workers in South Africa (the Sisonke study): results from a single-arm, open-label, phase 3B, implementation study. Lancet, The, 2022, 399, 1141-1153.	6.3	51
7	Increased risk of SARS-CoV-2 reinfection associated with emergence of Omicron in South Africa. Science, 2022, 376, eabn4947.	6.0	651
8	Emergence and phenotypic characterization of the global SARS-CoV-2 C.1.2 lineage. Nature Communications, 2022, 13, 1976.	5.8	27
9	A Streptococcus pneumoniae lineage usually associated with pneumococcal conjugate vaccine (PCV) serotypes is the most common cause of serotype 35B invasive disease in South Africa, following routine use of PCV. Microbial Genomics, 2022, 8, .	1.0	4
10	Omicron infection enhances Delta antibody immunity in vaccinated persons. Nature, 2022, 607, 356-359.	13.7	66
11	SARS-CoV-2 transmission, persistence of immunity, and estimates of Omicronâ€™s impact in South African population cohorts. Science Translational Medicine, 2022, 14, .	5.8	36
12	An early warning system for emerging SARS-CoV-2 variants. Nature Medicine, 2022, 28, 1110-1115.	15.2	47
13	Emergence of SARS-CoV-2 Omicron lineages BA.4 and BA.5 in South Africa. Nature Medicine, 2022, 28, 1785-1790.	15.2	456
14	Estimated impact of the pneumococcal conjugate vaccine on pneumonia mortality in South Africa, 1999 through 2016: An ecological modelling study. PLoS Medicine, 2021, 18, e1003537.	3.9	21
15	Sixteen novel lineages of SARS-CoV-2 in South Africa. Nature Medicine, 2021, 27, 440-446.	15.2	326
16	Detection of a SARS-CoV-2 variant of concern in South Africa. Nature, 2021, 592, 438-443.	13.7	1,381
17	SARS-CoV-2 501Y.V2 escapes neutralization by South African COVID-19 donor plasma. Nature Medicine, 2021, 27, 622-625.	15.2	984
18	Changes in Invasive Pneumococcal Disease Caused by Streptococcus pneumoniae Serotype 1 following Introduction of PCV10 and PCV13: Findings from the PSERENADE Project. Microorganisms, 2021, 9, 696.	1.6	10

#	Article	IF	Citations
19	Global Landscape Review of Serotype-Specific Invasive Pneumococcal Disease Surveillance among Countries Using PCV10/13: The Pneumococcal Serotype Replacement and Distribution Estimation (PSERENADE) Project. Microorganisms, 2021, 9, 742.	1.6	30
20	Asymptomatic transmission and high community burden of seasonal influenza in an urban and a rural community in South Africa, 2017â€“18 (PHIRST): a population cohort study. The Lancet Global Health, 2021, 9, e863-e874.	2.9	61
21	Cohort profile: A Prospective Household cohort study of Influenza, Respiratory syncytial virus and other respiratory pathogens community burden and Transmission dynamics in South Africa, 2016â€“2018. Influenza and Other Respiratory Viruses, 2021, 15, 789-803.	1.5	16
22	HIV-1 and SARS-CoV-2: Patterns in the evolution of two pandemic pathogens. Cell Host and Microbe, 2021, 29, 1093-1110.	5.1	73
23	Impact and effectiveness of 13-valent pneumococcal conjugate vaccine on population incidence of vaccine and non-vaccine serotype invasive pneumococcal disease in Blantyre, Malawi, 2006â€“18: prospective observational time-series and case-control studies. The Lancet Global Health, 2021, 9, e989-e998.	2.9	27
24	Mortality in children aged <5 years with severe acute respiratory illness in a high HIV-prevalence urban and rural areas of South Africa, 2009â€“2013. PLoS ONE, 2021, 16, e0255941.	1.1	3
25	Difference in mortality among individuals admitted to hospital with COVID-19 during the first and second waves in South Africa: a cohort study. The Lancet Global Health, 2021, 9, e1216-e1225.	2.9	131
26	SARS-CoV-2 Seroprevalence in a Rural and Urban Household Cohort during First and Second Waves of Infections, South Africa, July 2020â€“March 2021. Emerging Infectious Diseases, 2021, 27, 3020-3029.	2.0	78
27	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. Science, 2021, 374, 423-431.	6.0	144
28	Cytokine response in cerebrospinal fluid of meningitis patients and outcome associated with pneumococcal serotype. Scientific Reports, 2021, 11, 19920.	1.6	2
29	Estimating the contribution of HIV-infected adults to household pneumococcal transmission in South Africa, 2016â€“2018: A hidden Markov modelling study. PLoS Computational Biology, 2021, 17, e1009680.	1.5	9
30	Influenza disease burden among potential target risk groups for immunization in South Africa, 2013â€“2015. Vaccine, 2020, 38, 4288-4297.	1.7	7
31	Aetiology of bacterial meningitis in infants aged <90 days: Prospective surveillance in Luanda, Angola. International Journal of Infectious Diseases, 2020, 97, 251-257.	1.5	14
32	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. Lancet Infectious Diseases, The, 2020, 20, 742-752.	4.6	31
33	Influenza economic burden among potential target risk groups for immunization in South Africa, 2013â€“2015. Vaccine, 2020, 38, 7007-7014.	1.7	4
34	Visualizing variation within Global Pneumococcal Sequence Clusters (GPSCs) and country population snapshots to contextualize pneumococcal isolates. Microbial Genomics, 2020, 6, .	1.0	25
35	Meningitis: a frequently fatal diagnosis in Africa. Lancet Infectious Diseases, The, 2019, 19, 676-678.	4.6	2
36	Joint sequencing of human and pathogen genomes reveals the genetics of pneumococcal meningitis. Nature Communications, 2019, 10, 2176.	5.8	83

#	Article	IF	Citations
37	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, 2005â€“2016. Vaccine, 2019, 37, 5724-5730.	1.7	3
38	Surveillance for incidence and etiology of early-onset neonatal sepsis in Soweto, South Africa. PLoS ONE, 2019, 14, e0214077.	1.1	28
39	Putative novel cps loci in a large global collection of pneumococci. Microbial Genomics, 2019, 5, .	1.0	14
40	Genomic differences among carriage and invasive nontypeable pneumococci circulating in South Africa. Microbial Genomics, 2019, 5, .	1.0	0
41	The relative invasive disease potential of Streptococcus pneumoniae among children after PCV introduction: A systematic review and meta-analysis. Journal of Infection, 2018, 77, 368-378.	1.7	100
42	Effectiveness of the 13-valent pneumococcal conjugate vaccine against invasive pneumococcal disease in South African children: a case-control study. The Lancet Global Health, 2017, 5, e359-e369.	2.9	47
43	The global distribution and diversity of protein vaccine candidate antigens in the highly virulent Streptococcus pnuemoniae serotype 1. Vaccine, 2017, 35, 972-980.	1.7	27
44	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. PLoS ONE, 2017, 12, e0179905.	1.1	37
45	Two cases of serotypeable and non-serotypeable variants of Streptococcus pneumoniae detected simultaneously during invasive disease. BMC Microbiology, 2016, 16, 126.	1.3	2
46	Genomic analysis of nontypeable pneumococci causing invasive pneumococcal disease in South Africa, 2003â€“2013. BMC Genomics, 2016, 17, 470.	1.2	15
47	Epidemiology of Acute Lower Respiratory Tract Infection in HIV-Exposed Uninfected Infants. Pediatrics, 2016, 137, .	1.0	96
48	Phylogenetic Analysis of Invasive Serotype 1 Pneumococcus in South Africa, 1989 to 2013. Journal of Clinical Microbiology, 2016, 54, 1326-1334.	1.8	16
49	Epidemiology of Severe Acute Respiratory Illness (SARI) among Adults and Children Aged â‰¥5 Years in a High HIV-Prevalence Setting, 2009â€“2012. PLoS ONE, 2015, 10, e0117716.	1.1	43
50	Mortality amongst Patients with Influenza-Associated Severe Acute Respiratory Illness, South Africa, 2009-2013. PLoS ONE, 2015, 10, e0118884.	1.1	68
51	Streptococcus pneumoniae Serotypes and Mortality in Adults and Adolescents in South Africa: Analysis of National Surveillance Data, 2003 - 2008. PLoS ONE, 2015, 10, e0140185.	1.1	17
52	Longitudinal study on Streptococcus pneumoniae, Haemophilus influenzae and Staphylococcus aureus nasopharyngeal colonization in HIV-infected and -uninfected infants vaccinated with pneumococcal conjugate vaccine. Vaccine, 2015, 33, 2662-2669.	1.7	15
53	Parainfluenza Virus Infection Among Human Immunodeficiency Virus (HIV)-Infected and HIV-Uninfected Children and Adults Hospitalized for Severe Acute Respiratory Illness in South Africa, 2009â€“2014. Open Forum Infectious Diseases, 2015, 2, ofv139.	0.4	6
54	Acquisition of Streptococcus pneumoniae in South African children vaccinated with 7-valent pneumococcal conjugate vaccine at 6, 14 and 40 weeks of age. Vaccine, 2015, 33, 628-634.	1.7	15

#	Article	IF	Citations
55	Increased Risk for and Mortality From Invasive Pneumococcal Disease in HIV-Exposed but Uninfected Infants Aged <1 Year in South Africa, 2009â€“2013. Clinical Infectious Diseases, 2015, 60, 1346-1356.	2.9	91
56	Epidemiology of Viral-associated Acute Lower Respiratory Tract Infection Among Children <5 Years of Age in a High HIV Prevalence Setting, South Africa, 2009â€“2012. Pediatric Infectious Disease Journal, 2015, 34, 66-72.	1.1	65
57	Human metapneumovirus-associated severe acute respiratory illness hospitalisation in HIV-infected and HIV-uninfected South African children and adults. Journal of Clinical Virology, 2015, 69, 125-132.	1.6	19
58	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. Journal of Infectious Diseases, 2015, 212, 1082-1092.	1.9	35
59	Region-specific diversification of the highly virulent serotype 1 Streptococcus pneumoniae. Microbial Genomics, 2015, 1, e000027.	1.0	27
60	Population Snapshot of Streptococcus pneumoniae Causing Invasive Disease in South Africa Prior to Introduction of Pneumococcal Conjugate Vaccines. PLoS ONE, 2014, 9, e107666.	1.1	18
61	High Nasopharyngeal Pneumococcal Density, Increased by Viral Coinfection, Is Associated With Invasive Pneumococcal Pneumonia. Journal of Infectious Diseases, 2014, 210, 1649-1657.	1.9	163
62	HIV and Influenza Virus Infections Are Associated With Increased Blood Pneumococcal Load: A Prospective, Hospital-Based Observational Study in South Africa, 2009-2011. Journal of Infectious Diseases, 2014, 209, 56-65.	1.9	30
63	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. Clinical Infectious Diseases, 2014, 59, 808-818.	2.9	39
64	Effects of Vaccination on Invasive Pneumococcal Disease in South Africa. New England Journal of Medicine, 2014, 371, 1889-1899.	13.9	308
65	Factors Associated with Ceftriaxone Nonsusceptibility of Streptococcus pneumoniae: Analysis of South African National Surveillance Data, 2003 to 2010. Antimicrobial Agents and Chemotherapy, 2014, 58, 3293-3305.	1.4	11
66	Challenges of Using Molecular Serotyping for Surveillance of Pneumococcal Disease. Journal of Clinical Microbiology, 2014, 52, 3271-3276.	1.8	25
67	Meningococcal serogroup Y lpxL1 variants from South Africa are associated with clonal complex 23 among young adults. Journal of Infection, 2014, 68, 455-461.	1.7	6
68	Temporal Changes in Pneumococcal Colonization in a Rural African Community With High HIV Prevalence Following Routine Infant Pneumococcal Immunization. Pediatric Infectious Disease Journal, 2013, 32, 1270-1278.	1.1	50
69	Severe Influenza-associated Respiratory Infection in High HIV Prevalence Setting, South Africa, 2009â€“2011. Emerging Infectious Diseases, 2013, 19, 1766-74.	2.0	129
70	Dynamics of Pneumococcal Transmission in Vaccine-NaÃ¯ve Children and Their HIV-infected or HIV-uninfected Mothers During the First 2 Years of Life. American Journal of Epidemiology, 2013, 178, 1629-1637.	1.6	24
71	Acquisition of Streptococcus pneumoniae in Pneumococcal Conjugate Vaccine-naÃ¯ve South African Children and Their Mothers. Pediatric Infectious Disease Journal, 2013, 32, e192-e205.	1.1	35
72	Persistent High Burden of Invasive Pneumococcal Disease in South African HIV-Infected Adults in the Era of an Antiretroviral Treatment Program. PLoS ONE, 2011, 6, e27929.	1.1	47

#	Article	IF	Citations
73	Emergence of fluoroquinolone-resistant Streptococcus pneumoniae in a South African child in a tuberculosis treatment facility. Pediatric Infectious Disease Journal, 2003, 22, 1020-1021.	1.1	11
74	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. Nature, 0, , .	13.7	61
75	Omicron extensively but incompletely escapes Pfizer BNT162b2 neutralization. Nature, 0, , .	13.7	104