

Mignon du Plessis

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,848
citations

279798
23
h-index

223800
46
g-index

49
all docs

49
docs citations

49
times ranked

3599
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 399, 437-446.	13.7	818
2	Genomic resolution of an aggressive, widespread, diverse and expanding meningococcal serogroup B, C and W lineage. <i>Journal of Infection</i> , 2015, 71, 544-552.	3.3	185
3	Sequence Diversity of the Factor H Binding Protein Vaccine Candidate in Epidemiologically Relevant Strains of Serogroup B <i>Neisseria meningitidis</i> . <i>Journal of Infectious Diseases</i> , 2009, 200, 379-389.	4.0	180
4	International genomic definition of pneumococcal lineages, to contextualise disease, antibiotic resistance and vaccine impact. <i>EBioMedicine</i> , 2019, 43, 338-346.	6.1	168
5	High Nasopharyngeal Pneumococcal Density, Increased by Viral Coinfection, Is Associated With Invasive Pneumococcal Pneumonia. <i>Journal of Infectious Diseases</i> , 2014, 210, 1649-1657.	4.0	163
6	Sequential Triplex Real-Time PCR Assay for Detecting 21 Pneumococcal Capsular Serotypes That Account for a High Global Disease Burden. <i>Journal of Clinical Microbiology</i> , 2013, 51, 647-652.	3.9	124
7	Clinical Validation of Multiplex Real-Time PCR Assays for Detection of Bacterial Meningitis Pathogens. <i>Journal of Clinical Microbiology</i> , 2012, 50, 702-708.	3.9	116
8	Emergence of Endemic Serogroup W135 Meningococcal Disease Associated with a High Mortality Rate in South Africa. <i>Clinical Infectious Diseases</i> , 2008, 46, 377-386.	5.8	88
9	Joint sequencing of human and pathogen genomes reveals the genetics of pneumococcal meningitis. <i>Nature Communications</i> , 2019, 10, 2176.	12.8	83
10	Analysis of Penicillin-Binding Protein Genes of Clinical Isolates of <i>Streptococcus pneumoniae</i> with Reduced Susceptibility to Amoxicillin. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 2349-2357.	3.2	75
11	Global emergence and population dynamics of divergent serotype 3 CC180 pneumococci. <i>PLoS Pathogens</i> , 2018, 14, e1007438.	4.7	74
12	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, 22, 821-834.	9.1	74
13	In Vitro Evaluation of the Antimicrobial Activity of Ceftaroline against Cephalosporin-Resistant Isolates of <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 552-556.	3.2	65
14	Emergence of levofloxacin-non-susceptible <i>Streptococcus pneumoniae</i> and treatment for multidrug-resistant tuberculosis in children in South Africa: a cohort observational surveillance study. <i>Lancet, The</i> , 2008, 371, 1108-1113.	13.7	57
15	Meningococcal Disease in South Africa, 1999-2002. <i>Emerging Infectious Diseases</i> , 2007, 13, 273-281.	4.3	37
16	High Prevalence of Dihydropteroate Synthase Mutations in <i>Pneumocystis jirovecii</i> Isolated from Patients with <i>Pneumocystis</i> Pneumonia in South Africa. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2016-2021.	3.9	36
17	SARS-CoV-2 transmission, persistence of immunity, and estimates of Omicron's impact in South African population cohorts. <i>Science Translational Medicine</i> , 2022, 14, .	12.4	36
18	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.	4.0	30

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19	<i>Neisseria meningitidis</i> Intermediately Resistant to Penicillin and Causing Invasive Disease in South Africa in 2001 to 2005. <i>Journal of Clinical Microbiology</i> , 2008, 46, 3208-3214.	3.9	29
20	The global distribution and diversity of protein vaccine candidate antigens in the highly virulent <i>Streptococcus pneumoniae</i> serotype 1. <i>Vaccine</i> , 2017, 35, 972-980.	3.8	27
21	Region-specific diversification of the highly virulent serotype 1 <i>Streptococcus pneumoniae</i> . <i>Microbial Genomics</i> , 2015, 1, e000027.	2.0	27
22	Challenges of Using Molecular Serotyping for Surveillance of Pneumococcal Disease. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3271-3276.	3.9	25
23	Pediatric Bacterial Meningitis Surveillance in the World Health Organization African Region Using the Invasive Bacterial Vaccine-Preventable Disease Surveillance Network, 2011–2016. <i>Clinical Infectious Diseases</i> , 2019, 69, S49-S57.	5.8	25
24	Visualizing variation within Global Pneumococcal Sequence Clusters (GPSCs) and country population snapshots to contextualize pneumococcal isolates. <i>Microbial Genomics</i> , 2020, 6, .	2.0	25
25	Serotype 6C is associated with penicillin-susceptible meningial infections in human immunodeficiency virus (HIV)-infected adults among invasive pneumococcal isolates previously identified as serotype 6A in South Africa. <i>International Journal of Antimicrobial Agents</i> , 2008, 32, S66-S70.	2.5	23
26	Understanding pneumococcal serotype 1 biology through population genomic analysis. <i>BMC Infectious Diseases</i> , 2016, 16, 649.	2.9	22
27	Distribution of factor H binding protein beyond serogroup B: Variation among five serogroups of invasive <i>Neisseria meningitidis</i> in South Africa. <i>Vaccine</i> , 2011, 29, 2187-2192.	3.8	21
28	Population Snapshot of <i>Streptococcus pneumoniae</i> Causing Invasive Disease in South Africa Prior to Introduction of Pneumococcal Conjugate Vaccines. <i>PLoS ONE</i> , 2014, 9, e107666.	2.5	18
29	Molecular basis and clonal nature of increasing pneumococcal macrolide resistance in South Africa, 2000–2005. <i>International Journal of Antimicrobial Agents</i> , 2008, 32, 62-67.	2.5	17
30	Molecular Characterization of Emerging Non-Levofloxacin-Susceptible Pneumococci Isolated from Children in South Africa. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1319-1324.	3.9	17
31	An Unusual Pneumococcal Sequence Type Is the Predominant Cause of Serotype 3 Invasive Disease in South Africa. <i>Journal of Clinical Microbiology</i> , 2010, 48, 184-191.	3.9	17
32	Phylogenetic Analysis of Invasive Serotype 1 <i>Pneumococcus</i> in South Africa, 1989 to 2013. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1326-1334.	3.9	16
33	Invasive <i>Neisseria meningitidis</i> with decreased susceptibility to fluoroquinolones in South Africa, 2009. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 2258-2260.	3.0	15
34	Quadriplex real-time polymerase chain reaction (<i>lytA</i> , <i>mef</i> , <i>erm</i> , <i>pbp2bwt</i>) for pneumococcal detection and assessment of antibiotic susceptibility. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 71, 453-456.	1.8	14
35	Putative novel <i>cps</i> loci in a large global collection of pneumococci. <i>Microbial Genomics</i> , 2019, 5, .	2.0	14
36	Invasive Disease Caused Simultaneously by Dual Serotypes of <i>Streptococcus pneumoniae</i> . <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	13

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37	Global Distribution of Invasive Serotype 35D <i>Streptococcus pneumoniae</i> Isolates following Introduction of 13-Valent Pneumococcal Conjugate Vaccine. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	12
38	Bacterial genome-wide association study of hyper-virulent pneumococcal serotype 1 identifies genetic variation associated with neurotropism. <i>Communications Biology</i> , 2020, 3, 559.	4.4	11
39	Declining Incidence of Invasive Meningococcal Disease in South Africa: 2003â€“2016. <i>Clinical Infectious Diseases</i> , 2019, 69, 495-504.	5.8	10
40	Rapid discrimination between BRO β -lactamases from clinical isolates of <i>Moraxella catarrhalis</i> using restriction endonuclease analysis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2001, 39, 65-67.	1.8	8
41	Population Snapshot of Invasive Serogroup B Meningococci in South Africa from 2005 to 2008. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2577-2584.	3.9	6
42	Meningococcal serogroup Y lpxL1 variants from South Africa are associated with clonal complex 23 among young adults. <i>Journal of Infection</i> , 2014, 68, 455-461.	3.3	6
43	Prevalence of DHPS Polymorphisms Associated with Sulfa Resistance in South African <i>Pneumocystis jirovecii</i> Strains. <i>Journal of Eukaryotic Microbiology</i> , 2006, 53, S110-S111.	1.7	5
44	Clonal Analysis of <i>Neisseria meningitidis</i> Serogroup B Strains in South Africa, 2002 to 2006: Emergence of New Clone ST-4240/6688. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3678-3686.	3.9	5
45	A <i>Streptococcus pneumoniae</i> 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. <i>Microbial Genomics</i> , 2022, 8, .	2.0	4
46	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.	3.3	2
47	Genomic differences among carriage and invasive nontypeable pneumococci circulating in South Africa. <i>Microbial Genomics</i> , 2019, 5, .	2.0	0