

# Michelle J Groome

## 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.

93  
papers

4,156  
citations

33  
h-index

63  
g-index

99  
ext. papers

6,354  
ext. citations

9.2  
avg, IF

4.42  
L-index

#	Paper	IF	Citations
93	Early assessment of the clinical severity of the SARS-CoV-2 omicron variant in South Africa: a data linkage study.. <i>Lancet, The</i> , <b>2022</b> ,	4.0	152
92	Duration of effectiveness of vaccines against SARS-CoV-2 infection and COVID-19 disease: results of a systematic review and meta-regression.. <i>Lancet, The</i> , <b>2022</b> ,	4.0	82
91	Identifying gaps in hand hygiene practice to support tailored target audience messaging in Soweto: A cross-sectional community survey.. <i>Southern African Journal of Infectious Diseases</i> , <b>2022</b> , 37, 339	0.4	
90	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> , <b>2022</b> , 399, 1141-1153	4.0	7
89	Increased risk of SARS-CoV-2 reinfection associated with emergence of Omicron in South Africa.. <i>Science</i> , <b>2022</b> , 376, eabn4947	33.3	89
88	TLR genetic variation is associated with Rotavirus-specific IgA seroconversion in South African Black infants after two doses of Rotarix vaccine. <i>Vaccine</i> , <b>2021</b> , 39, 7028-7035	4.1	0
87	A decade of rotavirus vaccination in Africa - Saving lives and changing the face of diarrhoeal diseases: Report of the 12 African Rotavirus Symposium. <i>Vaccine</i> , <b>2021</b> , 39, 2319-2324	4.1	2
86	In Utero Human Cytomegalovirus Infection Is Associated With Increased Levels of Putatively Protective Maternal Antibodies in Nonprimary Infection: Evidence for Boosting but Not Protection. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e981-e987	11.6	4
85	Clinical presentation and management of childhood intussusception in South Africa. <i>Pediatric Surgery International</i> , <b>2021</b> , 37, 1361-1370	2.1	2
84	Diarrhoeal diseases in Soweto, South Africa, 2020: a cross-sectional community survey. <i>BMC Public Health</i> , <b>2021</b> , 21, 1431	4.1	1
83	Mortality in children aged . <i>PLoS ONE</i> , <b>2021</b> , 16, e0255941	3.7	0
82	Effect of cytomegalovirus infection on humoral immune responses to select vaccines administered during infancy. <i>Vaccine</i> , <b>2021</b> , 39, 4793-4799	4.1	1
81	Cytokine profiles in children with acute intussusception in South Africa. <i>Cytokine</i> , <b>2021</b> , 146, 155639	4	
80	HLA antibody repertoire in infants suggests selectivity in transplacental crossing. <i>American Journal of Reproductive Immunology</i> , <b>2020</b> , 84, e13264	3.8	2
79	Safety and immunogenicity of a parenteral trivalent P2-VP8 subunit rotavirus vaccine: a multisite, randomised, double-blind, placebo-controlled trial. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 851-863	25.5	24
78	Global burden of respiratory infections associated with seasonal influenza in children under 5 years in 2018: a systematic review and modelling study. <i>The Lancet Global Health</i> , <b>2020</b> , 8, e497-e510	13.6	105
77	Neurological and growth outcomes in South African children with congenital cytomegalovirus: A cohort study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0238102	3.7	2

76	Secretor Status Influences Susceptibility to VP4 Strain-Specific Rotavirus Infections in South African Children. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	3
75	Epidemiology of invasive bacterial infections in pneumococcal conjugate vaccine-vaccinated and -unvaccinated children under 5 years of age in Soweto, South Africa: a cohort study from a high-HIV burden setting. <i>Paediatrics and International Child Health</i> , <b>2020</b> , 40, 50-57	1.4	1
74	Evaluation of Intussusception After Oral Monovalent Rotavirus Vaccination in South Africa. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 70, 1606-1612	11.6	21
73	Measuring Rotavirus Vaccine Impact in Sub-Saharan Africa. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 70, 2314-2316	16.6	5
72	Neutrophil Counts in Healthy South African Infants: Implications for Enrollment and Adverse Event Grading in Clinical Trials in an African Setting. <i>Journal of Pediatrics: X</i> , <b>2019</b> , 1, 100005	0.9	2
71	Causes of severe pneumonia requiring hospital admission in children without HIV infection from Africa and Asia: the PERCH multi-country case-control study. <i>Lancet, The</i> , <b>2019</b> , 394, 757-779	4.0	282
70	Understanding the full clinical spectrum of childhood diarrhoea in low-income and middle-income countries. <i>The Lancet Global Health</i> , <b>2019</b> , 7, e534-e535	13.6	2
69	Performance of Surveillance Case Definitions in Detecting Respiratory Syncytial Virus Infection Among Young Children Hospitalized With Severe Respiratory Illness-South Africa, 2009-2014. <i>Journal of the Pediatric Infectious Diseases Society</i> , <b>2019</b> , 8, 325-333	4.8	15
68	Global Review of the Age Distribution of Rotavirus Disease in Children Aged . <i>Clinical Infectious Diseases</i> , <b>2019</b> , 69, 1071-1078	11.6	18
67	The Burden of Acute Diarrheal Disease in Young Hospitalized Urban South African Children Five Years After Rotavirus Vaccine Introduction: A Retrospective Descriptive Study. <i>Pediatric Infectious Disease Journal</i> , <b>2019</b> , 38, 752-756	3.4	0
66	Epidemiology of human astroviruses among children younger than 5 years: Prospective hospital-based sentinel surveillance in South Africa, 2009-2014. <i>Journal of Medical Virology</i> , <b>2019</b> , 91, 225-234	19.7	9
65	Prevalence of Congenital Cytomegalovirus Infection and Associated Risk of In Utero Human Immunodeficiency Virus (HIV) Acquisition in a High-HIV Prevalence Setting, South Africa. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 69, 1789-1796	11.6	19
64	Enhancing global vaccine pharmacovigilance: Proof-of-concept study on aseptic meningitis and immune thrombocytopenic purpura following measles-mumps containing vaccination. <i>Vaccine</i> , <b>2018</b> , 36, 347-354	4.1	17
63	Operational lessons learned in conducting a multi-country collaboration for vaccine safety signal verification and hypothesis testing: The global vaccine safety multi country collaboration initiative. <i>Vaccine</i> , <b>2018</b> , 36, 355-362	4.1	8
62	Rotavirus Vaccine: Current Use and Future Considerations. <i>Pediatric Infectious Disease Journal</i> , <b>2017</b> , 36, 676-678	3.4	2
61	Norovirus epidemiology in South African children . <i>Epidemiology and Infection</i> , <b>2017</b> , 145, 1942-1952	4.3	5
60	Case-control vaccine effectiveness studies: Preparation, design, and enrollment of cases and controls. <i>Vaccine</i> , <b>2017</b> , 35, 3295-3302	4.1	41
59	Chest Radiograph Findings in Childhood Pneumonia Cases From the Multisite PERCH Study. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, S262-S270	11.6	44

58	Case-control vaccine effectiveness studies: Data collection, analysis and reporting results. <i>Vaccine</i> , <b>2017</b> , 35, 3303-3308	4.1	16
57	Density of Upper Respiratory Colonization With <i>Streptococcus pneumoniae</i> and Its Role in the Diagnosis of Pneumococcal Pneumonia Among Children Aged . <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, S317-S327	11.6	65
56	Safety and immunogenicity of a parenteral P2-VP8-P[8] subunit rotavirus vaccine in toddlers and infants in South Africa: a randomised, double-blind, placebo-controlled trial. <i>Lancet Infectious Diseases</i> , <b>2017</b> , 17, 843-853	25.5	80
55	Standardization of Clinical Assessment and Sample Collection Across All PERCH Study Sites. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, S228-S237	11.6	25
54	Evaluation of Pneumococcal Load in Blood by Polymerase Chain Reaction for the Diagnosis of Pneumococcal Pneumonia in Young Children in the PERCH Study. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, S357-S367	11.6	21
53	Extraspinal osteoarticular multidrug-resistant tuberculosis in children: A case series. <i>South African Medical Journal</i> , <b>2017</b> , 107, 983-986	1.5	2
52	Global respiratory syncytial virus-associated mortality in young children (RSV GOLD): a retrospective case series. <i>The Lancet Global Health</i> , <b>2017</b> , 5, e984-e991	13.6	130
51	Use of Multiplex Quantitative PCR To Evaluate the Impact of Pneumococcal Conjugate Vaccine on Nasopharyngeal Pneumococcal Colonization in African Children. <i>MSphere</i> , <b>2017</b> , 2,	5	7
50	Global, regional, and national disease burden estimates of acute lower respiratory infections due to respiratory syncytial virus in young children in 2015: a systematic review and modelling study. <i>Lancet</i> , <b>2017</b> , 390, 946-958	40	1005
49	Respiratory syncytial virus in adults with severe acute respiratory illness in a high HIV prevalence setting. <i>Journal of Infection</i> , <b>2017</b> , 75, 346-355	18.9	18
48	Development of a respiratory severity score for hospitalized adults in a high HIV-prevalence setting-South Africa, 2010-2011. <i>BMC Pulmonary Medicine</i> , <b>2017</b> , 17, 28	3.5	3
47	Colonization Density of the Upper Respiratory Tract as a Predictor of Pneumonia-Haemophilus influenzae, Moraxella catarrhalis, Staphylococcus aureus, and Pneumocystis jirovecii. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, S328-S336	11.6	39
46	Is Higher Viral Load in the Upper Respiratory Tract Associated With Severe Pneumonia? Findings From the PERCH Study. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, S337-S346	11.6	56
45	Microscopic Analysis and Quality Assessment of Induced Sputum From Children With Pneumonia in the PERCH Study. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, S271-S279	11.6	24
44	Limited Utility of Polymerase Chain Reaction in Induced Sputum Specimens for Determining the Causes of Childhood Pneumonia in Resource-Poor Settings: Findings From the Pneumonia Etiology Research for Child Health (PERCH) Study. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, S289-S300	11.6	25
43	Should Controls With Respiratory Symptoms Be Excluded From Case-Control Studies of Pneumonia Etiology? Reflections From the PERCH Study. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, S205-S212	11.6	15
42	Pneumococcal conjugate vaccines and hospitalization of children for pneumonia: a time-series analysis, South Africa, 2006-2014. <i>Bulletin of the World Health Organization</i> , <b>2017</b> , 95, 618-628	8.2	16
41	Safety of Induced Sputum Collection in Children Hospitalized With Severe or Very Severe Pneumonia. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, S301-S308	11.6	14

40	Severity of Respiratory Syncytial Virus Lower Respiratory Tract Infection With Viral Coinfection in HIV-Uninfected Children. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, 443-450	11.6	23
39	Risk Factors for Presumed Bacterial Pneumonia Among HIV-uninfected Children Hospitalized in Soweto, South Africa. <i>Pediatric Infectious Disease Journal</i> , <b>2016</b> , 35, 1169-1174	3.4	11
38	Temporal Association of Rotavirus Vaccine Introduction and Reduction in All-Cause Childhood Diarrheal Hospitalizations in South Africa. <i>Clinical Infectious Diseases</i> , <b>2016</b> , 62 Suppl 2, S188-95	11.6	39
37	Prevaccination Rotavirus Serum IgG and IgA Are Associated With Lower Immunogenicity of Live, Oral Human Rotavirus Vaccine in South African Infants. <i>Clinical Infectious Diseases</i> , <b>2016</b> , 62, 157-65	11.6	54
36	Epidemiology of Acute Lower Respiratory Tract Infection in HIV-Exposed Uninfected Infants. <i>Pediatrics</i> , <b>2016</b> , 137,	7.4	60
35	Sapovirus prevalence in children less than five years of age hospitalised for diarrhoeal disease in South Africa, 2009-2013. <i>Journal of Clinical Virology</i> , <b>2016</b> , 78, 82-8	14.5	28
34	Influenza virus infection is associated with increased risk of death amongst patients hospitalized with confirmed pulmonary tuberculosis in South Africa, 2010-2011. <i>BMC Infectious Diseases</i> , <b>2015</b> , 15, 26	4	41
33	Effectiveness of pneumococcal conjugate vaccine against presumed bacterial pneumonia hospitalisation in HIV-uninfected South African children: a case-control study. <i>Thorax</i> , <b>2015</b> , 70, 1149-55	7.3	28
32	Epidemiology of viral-associated acute lower respiratory tract infection among children. <i>Pediatric Infectious Disease Journal</i> , <b>2015</b> , 34, 66-72	3.4	50
31	Increased risk for group B Streptococcus sepsis in young infants exposed to HIV, Soweto, South Africa, 2004-2008(1). <i>Emerging Infectious Diseases</i> , <b>2015</b> , 21, 638-45	10.2	47
30	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> , <b>2015</b> , 69, 125-32	14.5	15
29	Assessing the impact of pneumococcal conjugate vaccines on invasive pneumococcal disease using polymerase chain reaction-based surveillance: an experience from South Africa. <i>BMC Infectious Diseases</i> , <b>2015</b> , 15, 450	4	15
28	Epidemiology of severe acute respiratory illness (SARI) among adults and children aged 5 years in a high HIV-prevalence setting, 2009-2012. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117716	3.7	37
27	Mortality amongst patients with influenza-associated severe acute respiratory illness, South Africa, 2009-2013. <i>PLoS ONE</i> , <b>2015</b> , 10, e0118884	3.7	57
26	Determining the Provincial and National Burden of Influenza-Associated Severe Acute Respiratory Illness in South Africa Using a Rapid Assessment Methodology. <i>PLoS ONE</i> , <b>2015</b> , 10, e0132078	3.7	20
25	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> , <b>2015</b> , 2, ofv139	1	6
24	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> , <b>2015</b> , 33, 628-34	4.1	12
23	High nasopharyngeal pneumococcal density, increased by viral coinfection, is associated with invasive pneumococcal pneumonia. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 210, 1649-57	7	120

22	Effect of breastfeeding on immunogenicity of oral live-attenuated human rotavirus vaccine: a randomized trial in HIV-uninfected infants in Soweto, South Africa. <i>Bulletin of the World Health Organization</i> , <b>2014</b> , 92, 238-45	8.2	67
21	Epidemiology of influenza virus types and subtypes in South Africa, 2009-2012. <i>Emerging Infectious Diseases</i> , <b>2014</b> , 20, 1162-9	10.2	47
20	Effectiveness of monovalent human rotavirus vaccine against admission to hospital for acute rotavirus diarrhoea in South African children: a case-control study. <i>Lancet Infectious Diseases</i> , <b>2014</b> , 14, 1096-1104	25.5	107
19	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> , <b>2014</b> , 209, 56-65	7	28
18	Antibody persistence and booster vaccination of a fully liquid hexavalent vaccine coadministered with measles/mumps/rubella and varicella vaccines at 15-18 months of age in healthy South African infants. <i>Pediatric Infectious Disease Journal</i> , <b>2013</b> , 32, 889-97	3.4	18
17	Epidemiology of respiratory syncytial virus-associated acute lower respiratory tract infection hospitalizations among HIV-infected and HIV-uninfected South African children, 2010-2011. <i>Journal of Infectious Diseases</i> , <b>2013</b> , 208 Suppl 3, S217-26	7	56
16	Impact of rotavirus vaccine on childhood diarrheal hospitalization after introduction into the South African public immunization program. <i>Pediatric Infectious Disease Journal</i> , <b>2013</b> , 32, 1359-64	3.4	59
15	Acquisition of <i>Streptococcus pneumoniae</i> in pneumococcal conjugate vaccine-naïve South African children and their mothers. <i>Pediatric Infectious Disease Journal</i> , <b>2013</b> , 32, e192-205	3.4	29
14	Immunogenicity of seven-valent pneumococcal conjugate vaccine administered at 6, 14 and 40 weeks of age in South African infants. <i>PLoS ONE</i> , <b>2013</b> , 8, e72794	3.7	10
13	Five-year cohort study on the burden of hospitalisation for acute diarrhoeal disease in African HIV-infected and HIV-uninfected children: potential benefits of rotavirus vaccine. <i>Vaccine</i> , <b>2012</b> , 30 Suppl 1, A173-8	4.1	27
12	Respiratory viral coinfections identified by a 10-plex real-time reverse-transcription polymerase chain reaction assay in patients hospitalized with severe acute respiratory illness--South Africa, 2009-2010. <i>Journal of Infectious Diseases</i> , <b>2012</b> , 206 Suppl 1, S159-65	7	112
11	Community-onset <i>Staphylococcus aureus</i> bacteraemia in hospitalised African children: high incidence in HIV-infected children and high prevalence of multidrug resistance. <i>Paediatrics and International Child Health</i> , <b>2012</b> , 32, 140-6	1.4	32
10	Maternal HIV infection and vertical transmission of pathogenic bacteria. <i>Pediatrics</i> , <b>2012</b> , 130, e581-90	7.4	41
9	Epidemiology of acute osteoarticular sepsis in a setting with a high prevalence of pediatric HIV infection. <i>Journal of Pediatric Orthopaedics</i> , <b>2012</b> , 32, 215-9	2.4	10
8	Risk factors for neonatal sepsis and perinatal death among infants enrolled in the prevention of perinatal sepsis trial, Soweto, South Africa. <i>Pediatric Infectious Disease Journal</i> , <b>2012</b> , 31, 821-6	3.4	37
7	Antibiotic and systemic therapies for pneumonia in human immunodeficiency virus (HIV)-infected and HIV-exposed children. <i>Journal of Infection in Developing Countries</i> , <b>2012</b> , 6, 109-19	2.3	2
6	Immunogenicity and safety of an acellular pertussis, diphtheria, tetanus, inactivated poliovirus, Hib-conjugate combined vaccine (Pentaxim) and monovalent hepatitis B vaccine at 6, 10 and 14 weeks of age in infants in South Africa. <i>South African Medical Journal</i> , <b>2011</b> , 101, 126-31	1.5	13
5	Immunogenicity and safety of an investigational fully liquid hexavalent combination vaccine versus licensed combination vaccines at 6, 10, and 14 weeks of age in healthy South African infants. <i>Pediatric Infectious Disease Journal</i> , <b>2011</b> , 30, e68-74	3.4	35

4	Systematic review on the etiology and antibiotic treatment of pneumonia in human immunodeficiency virus-infected children. <i>Pediatric Infectious Disease Journal</i> , <b>2011</b> , 30, e192-202	3-4	20
3	Chlorhexidine maternal-vaginal and neonate body wipes in sepsis and vertical transmission of pathogenic bacteria in South Africa: a randomised, controlled trial. <i>Lancet, The</i> , <b>2009</b> , 374, 1909-16	4 <sup>o</sup>	7 <sup>o</sup>
2	Increased risk of SARS-CoV-2 reinfection associated with emergence of the Omicron variant in South Africa		143
1	Clinical severity of COVID-19 patients admitted to hospitals during the Omicron wave in South Africa		1