

# Michelle J Groome

## List of Publications by Year in descending order

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Version: 2024-02-01

94  
papers

8,074  
citations

117625  
34  
h-index

58581  
82  
g-index

99  
all docs

99  
docs citations

99  
times ranked

9173  
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  | 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> , 2022, 399, 924-944.   | 13.7 | 752       |
| 3  | 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> , 2022, 37, 339.  | 0.5  | 1         |
| 4  | 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. <i>Lancet, The</i> , 2022, 399, 1141-1153.  | 13.7 | 51        |
| 5  | Increased risk of SARS-CoV-2 reinfection associated with emergence of Omicron in South Africa. <i>Science</i> , 2022, 376, eabn4947.  | 12.6 | 651       |
| 6  | The intersection of age, sex, race and socio-economic status in COVID-19 hospital admissions and deaths in South Africa (with corrigendum). <i>South African Journal of Science</i> , 2022, 118, .  | 0.7  | 5         |
| 7  | 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> , 2021, 73, e981-e987.                                 | 5.8  | 12        |
| 8  | A decade of rotavirus vaccination in Africa - Saving lives and changing the face of diarrhoeal diseases: Report of the 12th African Rotavirus Symposium. <i>Vaccine</i> , 2021, 39, 2319-2324.  | 3.8  | 6         |
| 9  | Clinical presentation and management of childhood intussusception in South Africa. <i>Pediatric Surgery International</i> , 2021, 37, 1361-1370.  | 1.4  | 8         |
| 10 | Diarrhoeal diseases in Soweto, South Africa, 2020: a cross-sectional community survey. <i>BMC Public Health</i> , 2021, 21, 1431.   | 2.9  | 3         |
| 11 | 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. <i>PLoS ONE</i> , 2021, 16, e0255941.  | 2.5  | 3         |
| 12 | Effect of cytomegalovirus infection on humoral immune responses to select vaccines administered during infancy. <i>Vaccine</i> , 2021, 39, 4793-4799.   | 3.8  | 2         |
| 13 | Cytokine profiles in children with acute intussusception in South Africa. <i>Cytokine</i> , 2021, 146, 155639.  | 3.2  | 0         |
| 14 | TLR genetic variation is associated with Rotavirusâ€™specific IgA seroconversion in South African Black infants after two doses of Rotarix vaccine. <i>Vaccine</i> , 2021, 39, 7028-7035.   | 3.8  | 3         |
| 15 | 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> , 2020, 40, 50-57. | 1.0  | 3         |
| 16 | Evaluation of Intussusception After Oral Monovalent Rotavirus Vaccination in South Africa. <i>Clinical Infectious Diseases</i> , 2020, 70, 1606-1612.   | 5.8  | 37        |
| 17 | Measuring Rotavirus Vaccine Impact in Sub-Saharan Africa. <i>Clinical Infectious Diseases</i> , 2020, 70, 2314-2316.  | 5.8  | 8         |
| 18 | Neurological and growth outcomes in South African children with congenital cytomegalovirus: A cohort study. <i>PLoS ONE</i> , 2020, 15, e0238102.   | 2.5  | 4         |

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|----|--|------|-----------|
| 19 | FUT2 Secretor Status Influences Susceptibility to VP4 Strain-Specific Rotavirus Infections in South African Children. <i>Pathogens</i> , 2020, 9, 795.   | 2.8  | 12        |
| 20 | HLA antibody repertoire in infants suggests selectivity in transplacental crossing. <i>American Journal of Reproductive Immunology</i> , 2020, 84, e13264.   | 1.2  | 5         |
| 21 | Winning the Battle Against Rotavirus Diarrhea—One Step at a Time. <i>Journal of Infectious Diseases</i> , 2020, 222, 1587-1588.  | 4.0  | 0         |
| 22 | Safety and immunogenicity of a parenteral trivalent P2-VP8 subunit rotavirus vaccine: a multisite, randomised, double-blind, placebo-controlled trial. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 851-863.   | 9.1  | 51        |
| 23 | 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> , 2020, 8, e497-e510.   | 6.3  | 235       |
| 24 | 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> , 2019, 8, 325-333. | 1.3  | 27        |
| 25 | 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</i> : X, 2019, 1, 100005.   | 1.1  | 2         |
| 26 | 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</i> , The, 2019, 394, 757-779.   | 13.7 | 569       |
| 27 | Understanding the full clinical spectrum of childhood diarrhoea in low-income and middle-income countries. <i>The Lancet Global Health</i> , 2019, 7, e534-e535.   | 6.3  | 5         |
| 28 | 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> , 2019, 91, 225-234.   | 5.0  | 16        |
| 29 | 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> , 2019, 69, 1789-1796.                               | 5.8  | 24        |
| 30 | Global Review of the Age Distribution of Rotavirus Disease in Children Aged <5 Years Before the Introduction of Rotavirus Vaccination. <i>Clinical Infectious Diseases</i> , 2019, 69, 1071-1078.  | 5.8  | 38        |
| 31 | 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> , 2019, 38, 752-756.                              | 2.0  | 1         |
| 32 | Enhancing global vaccine pharmacovigilance: Proof-of-concept study on aseptic meningitis and immune thrombocytopenic purpura following measles-mumps containing vaccination. <i>Vaccine</i> , 2018, 36, 347-354.   | 3.8  | 25        |
| 33 | 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> , 2018, 36, 355-362.                               | 3.8  | 11        |
| 34 | Severity of Respiratory Syncytial Virus Lower Respiratory Tract Infection With Viral Coinfection in HIV-Uninfected Children. <i>Clinical Infectious Diseases</i> , 2017, 64, ciw756.   | 5.8  | 33        |
| 35 | Rotavirus Vaccine. <i>Pediatric Infectious Disease Journal</i> , 2017, 36, 676-678.  | 2.0  | 3         |
| 36 | Norovirus epidemiology in South African children <5 years hospitalised for diarrhoeal illness between 2009 and 2013. <i>Epidemiology and Infection</i> , 2017, 145, 1942-1952.   | 2.1  | 10        |

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|----|--|------|-----------|
| 37 | Case-control vaccine effectiveness studies: Preparation, design, and enrollment of cases and controls. <i>Vaccine</i> , 2017, 35, 3295-3302.   | 3.8  | 77        |
| 38 | Chest Radiograph Findings in Childhood Pneumonia Cases From the Multisite PERCH Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S262-S270.  | 5.8  | 56        |
| 39 | Case-control vaccine effectiveness studies: Data collection, analysis and reporting results. <i>Vaccine</i> , 2017, 35, 3303-3308.   | 3.8  | 31        |
| 40 | Density of Upper Respiratory Colonization With <i>Streptococcus pneumoniae</i> and Its Role in the Diagnosis of Pneumococcal Pneumonia Among Children Aged <5 Years in the PERCH Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S317-S327.   | 5.8  | 96        |
| 41 | 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> , The, 2017, 17, 843-853.   | 9.1  | 109       |
| 42 | Global respiratory syncytial virus-associated mortality in young children (RSV GOLD): a retrospective case series. <i>The Lancet Global Health</i> , 2017, 5, e984-e991.   | 6.3  | 180       |
| 43 | Use of Multiplex Quantitative PCR To Evaluate the Impact of Pneumococcal Conjugate Vaccine on Nasopharyngeal Pneumococcal Colonization in African Children. <i>MSphere</i> , 2017, 2, .  | 2.9  | 7         |
| 44 | 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> , The, 2017, 390, 946-958.  | 13.7 | 1,634     |
| 45 | Respiratory syncytial virus in adults with severe acute respiratory illness in a high HIV prevalence setting. <i>Journal of Infection</i> , 2017, 75, 346-355.   | 3.3  | 23        |
| 46 | Development of a respiratory severity score for hospitalized adults in a high HIV-prevalence setting—South Africa, 2010–2011. <i>BMC Pulmonary Medicine</i> , 2017, 17, 28.  | 2.0  | 3         |
| 47 | Colonization Density of the Upper Respiratory Tract as a Predictor of Pneumonia— <i>Haemophilus influenzae</i> , <i>Moraxella catarrhalis</i> , <i>Staphylococcus aureus</i> , and <i>Pneumocystis jirovecii</i> . <i>Clinical Infectious Diseases</i> , 2017, 64, S328-S336.                  | 5.8  | 49        |
| 48 | Is Higher Viral Load in the Upper Respiratory Tract Associated With Severe Pneumonia? Findings From the PERCH Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S337-S346.  | 5.8  | 81        |
| 49 | Microscopic Analysis and Quality Assessment of Induced Sputum From Children With Pneumonia in the PERCH Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S271-S279.  | 5.8  | 32        |
| 50 | 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> , 2017, 64, S289-S300. | 5.8  | 31        |
| 51 | Should Controls With Respiratory Symptoms Be Excluded From Case-Control Studies of Pneumonia Etiology? Reflections From the PERCH Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S205-S212.  | 5.8  | 25        |
| 52 | Standardization of Clinical Assessment and Sample Collection Across All PERCH Study Sites. <i>Clinical Infectious Diseases</i> , 2017, 64, S228-S237.  | 5.8  | 27        |
| 53 | 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> , 2017, 64, S357-S367.   | 5.8  | 30        |
| 54 | Extrapulmonary osteoarticular multidrug-resistant tuberculosis in children: A case series. <i>South African Medical Journal</i> , 2017, 107, 983.  | 0.6  | 3         |

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|----|---|-----|-----------|
| 55 | Safety of Induced Sputum Collection in Children Hospitalized With Severe or Very Severe Pneumonia. <i>Clinical Infectious Diseases</i> , 2017, 64, S301-S308.   | 5.8 | 17        |
| 56 | Pneumococcal conjugate vaccines and hospitalization of children for pneumonia: a time-series analysis, South Africa, 2006â€“2014. <i>Bulletin of the World Health Organization</i> , 2017, 95, 618-628.   | 3.3 | 19        |
| 57 | Epidemiology of Acute Lower Respiratory Tract Infection in HIV-Exposed Uninfected Infants. <i>Pediatrics</i> , 2016, 137, .   | 2.1 | 96        |
| 58 | Sapovirus prevalence in children less than five years of age hospitalised for diarrhoeal disease in South Africa, 2009â€“2013. <i>Journal of Clinical Virology</i> , 2016, 78, 82-88.   | 3.1 | 34        |
| 59 | Risk Factors for Presumed Bacterial Pneumonia Among HIV-uninfected Children Hospitalized in Soweto, South Africa. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 1169-1174.  | 2.0 | 17        |
| 60 | Temporal Association of Rotavirus Vaccine Introduction and Reduction in All-Cause Childhood Diarrheal Hospitalizations in South Africa. <i>Clinical Infectious Diseases</i> , 2016, 62, S188-S195.  | 5.8 | 42        |
| 61 | 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> , 2016, 62, 157-165.  | 5.8 | 66        |
| 62 | 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> , 2015, 15, 450.                                   | 2.9 | 17        |
| 63 | Epidemiology of Severe Acute Respiratory Illness (SARI) among Adults and Children Aged â‰¥5 Years in a High HIV-Prevalence Setting, 2009â€“2012. <i>PLoS ONE</i> , 2015, 10, e0117716.  | 2.5 | 43        |
| 64 | Mortality amongst Patients with Influenza-Associated Severe Acute Respiratory Illness, South Africa, 2009-2013. <i>PLoS ONE</i> , 2015, 10, e0118884.   | 2.5 | 68        |
| 65 | 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> , 2015, 10, e0132078.   | 2.5 | 27        |
| 66 | 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. <i>Open Forum Infectious Diseases</i> , 2015, 2, ofv139. | 0.9 | 6         |
| 67 | Acquisition of <i>Streptococcus pneumoniae</i> in South African children vaccinated with 7-valent pneumococcal conjugate vaccine at 6, 14 and 40 weeks of age. <i>Vaccine</i> , 2015, 33, 628-634.  | 3.8 | 15        |
| 68 | Influenza virus infection is associated with increased risk of death amongst patients hospitalized with confirmed pulmonary tuberculosis in South Africa, 2010â€“2011. <i>BMC Infectious Diseases</i> , 2015, 15, 26.   | 2.9 | 56        |
| 69 | Effectiveness of pneumococcal conjugate vaccine against presumed bacterial pneumonia hospitalisation in HIV-uninfected South African children: a caseâ€“control study. <i>Thorax</i> , 2015, 70, 1149-1155.   | 5.6 | 32        |
| 70 | 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. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 66-72.                             | 2.0 | 65        |
| 71 | Increased Risk for Group B <i>Streptococcus</i> Sepsis in Young Infants Exposed to HIV, Soweto, South Africa, 2004â€“2008. <i>Emerging Infectious Diseases</i> , 2015, 21, 638-645.   | 4.3 | 61        |
| 72 | 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, 125-132.  | 3.1 | 19        |

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|----|--|-----|-----------|
| 73 | 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       |
| 74 | 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> , 2014, 92, 238-245.   | 3.3 | 81        |
| 75 | Epidemiology of Influenza Virus Types and Subtypes in South Africa, 2009–2012. <i>Emerging Infectious Diseases</i> , 2014, 20, 1149-1156.  | 4.3 | 52        |
| 76 | 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> , The, 2014, 14, 1096-1104.   | 9.1 | 119       |
| 77 | 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        |
| 78 | 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> , 2013, 208, S217-S226.   | 4.0 | 76        |
| 79 | Impact of Rotavirus Vaccine on Childhood Diarrheal Hospitalization After Introduction Into the South African Public Immunization Program. <i>Pediatric Infectious Disease Journal</i> , 2013, 32, 1359-1364.   | 2.0 | 70        |
| 80 | 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-e205.  | 2.0 | 35        |
| 81 | 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> , 2013, 32, 889-897.                     | 2.0 | 22        |
| 82 | Immunogenicity of Seven-Valent Pneumococcal Conjugate Vaccine Administered at 6, 14 and 40 Weeks of Age in South African Infants. <i>PLoS ONE</i> , 2013, 8, e72794.   | 2.5 | 14        |
| 83 | 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> , 2012, 206, S159-S165.                     | 4.0 | 126       |
| 84 | 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> , 2012, 32, 140-146.   | 1.0 | 36        |
| 85 | Maternal HIV Infection and Vertical Transmission of Pathogenic Bacteria. <i>Pediatrics</i> , 2012, 130, e581-e590.   | 2.1 | 45        |
| 86 | Epidemiology of Acute Osteoarticular Sepsis in a Setting With a High Prevalence of Pediatric HIV Infection. <i>Journal of Pediatric Orthopaedics</i> , 2012, 32, 215-219.  | 1.2 | 11        |
| 87 | 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> , 2012, 31, 821-826.  | 2.0 | 60        |
| 88 | 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> , 2012, 30, A173-A178.   | 3.8 | 34        |
| 89 | Antibiotic and systemic therapies for pneumonia in human immunodeficiency virus (HIV)-infected and HIV-exposed children. <i>Journal of Infection in Developing Countries</i> , 2012, 6, 109-119.   | 1.2 | 2         |
| 90 | 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 months of age in infants in South Africa. <i>South African Medical Journal</i> , 2011, 101, 126. | 0.6 | 18        |

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|----|---|------|-----------|
| 91 | 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> , 2011, 30, e68-e74. | 2.0  | 42        |
| 92 | Systematic Review on the Etiology and Antibiotic Treatment of Pneumonia in Human Immunodeficiency Virus-infected Children. <i>Pediatric Infectious Disease Journal</i> , 2011, 30, e192-e202.   | 2.0  | 22        |
| 93 | Chlorhexidine Maternal-Vaginal and Neonate Body Wipes in Sepsis and Vertical Transmission of Pathogenic Bacteria in South Africa: A Randomized, Controlled Trial. <i>Obstetrical and Gynecological Survey</i> , 2010, 65, 215-216.                                | 0.4  | 0         |
| 94 | 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> , 2009, 374, 1909-1916.  | 13.7 | 76        |