

Mark P Nicol

List of Publications by Year in descending order

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Version: 2024-02-01

230
papers

16,279
citations

23500

58
h-index

18075

120
g-index

235
all docs

235
docs citations

235
times ranked

14945
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Molecular Detection of Tuberculosis and Rifampin Resistance. <i>New England Journal of Medicine</i> , 2010, 363, 1005-1015.	13.9	1,936
2	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, The</i> , 2017, 390, 946-958.	6.3	1,634
3	Feasibility, diagnostic accuracy, and effectiveness of decentralised use of the Xpert MTB/RIF test for diagnosis of tuberculosis and multidrug resistance: a multicentre implementation study. <i>Lancet, The</i> , 2011, 377, 1495-1505.	6.3	902
4	Variable host-pathogen compatibility in <i>Mycobacterium tuberculosis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2869-2873.	3.3	897
5	Xpert MTB/RIF Ultra for detection of <i>Mycobacterium tuberculosis</i> and rifampicin resistance: a prospective multicentre diagnostic accuracy study. <i>Lancet Infectious Diseases, The</i> , 2018, 18, 76-84.	4.6	474
6	Global, regional, and national disease burden estimates of acute lower respiratory infections due to respiratory syncytial virus in children younger than 5 years in 2019: a systematic analysis. <i>Lancet, The</i> , 2022, 399, 2047-2064.	6.3	445
7	Xpert [®] MTB/RIF assay: development, evaluation and implementation of a new rapid molecular diagnostic for tuberculosis and rifampicin resistance. <i>Future Microbiology</i> , 2011, 6, 1067-1082.	1.0	391
8	Enabling the genomic revolution in Africa. <i>Science</i> , 2014, 344, 1346-1348.	6.0	361
9	Accuracy of the Xpert MTB/RIF test for the diagnosis of pulmonary tuberculosis in children admitted to hospital in Cape Town, South Africa: a descriptive study. <i>Lancet Infectious Diseases, The</i> , 2011, 11, 819-824.	4.6	294
10	Global patterns in monthly activity of influenza virus, respiratory syncytial virus, parainfluenza virus, and metapneumovirus: a systematic analysis. <i>The Lancet Global Health</i> , 2019, 7, e1031-e1045.	2.9	266
11	Rapid Diagnosis of Tuberculosis with the Xpert MTB/RIF Assay in High Burden Countries: A Cost-Effectiveness Analysis. <i>PLoS Medicine</i> , 2011, 8, e1001120.	3.9	264
12	Screening for HIV-Associated Tuberculosis and Rifampicin Resistance before Antiretroviral Therapy Using the Xpert MTB/RIF Assay: A Prospective Study. <i>PLoS Medicine</i> , 2011, 8, e1001067.	3.9	251
13	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.	2.9	235
14	Distinct Patterns in Human Milk Microbiota and Fatty Acid Profiles Across Specific Geographic Locations. <i>Frontiers in Microbiology</i> , 2016, 7, 1619.	1.5	224
15	Acquired predisposition to mycobacterial disease due to autoantibodies to IFN- β . <i>Journal of Clinical Investigation</i> , 2005, 115, 2480-2488.	3.9	206
16	Comparison of T-SPOT. [®] TB Assay and Tuberculin Skin Test for the Evaluation of Young Children at High Risk for Tuberculosis in a Community Setting. <i>Pediatrics</i> , 2009, 123, 38-43.	1.0	186
17	Xpert MTB/RIF versus sputum microscopy as the initial diagnostic test for tuberculosis: a cluster-randomised trial embedded in South African roll-out of Xpert MTB/RIF. <i>The Lancet Global Health</i> , 2015, 3, e450-e457.	2.9	179
18	Investigating the early-life determinants of illness in Africa: the Drakenstein Child Health Study. <i>Thorax</i> , 2015, 70, 592-594.	2.7	168

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19	Aetiology of childhood pneumonia in a well vaccinated South African birth cohort: a nested case-control study of the Drakenstein Child Health Study. <i>Lancet Respiratory Medicine</i> , 2016, 4, 463-472.	5.2	163
20	Novel lipoarabinomannan point-of-care tuberculosis test for people with HIV: a diagnostic accuracy study. <i>Lancet Infectious Diseases</i> , 2019, 19, 852-861.	4.6	159
21	Type 1 Helper T Cells and FoxP3-positive T Cells in HIV-associated Tuberculosis-associated Immune Reconstitution Inflammatory Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 1083-1089.	2.5	140
22	Rapid Molecular Diagnosis of Pulmonary Tuberculosis in Children Using Nasopharyngeal Specimens. <i>Clinical Infectious Diseases</i> , 2012, 55, 1088-1095.	2.9	140
23	A comparison of the efficiency of five different commercial DNA extraction kits for extraction of DNA from faecal samples. <i>Journal of Microbiological Methods</i> , 2013, 94, 103-110.	0.7	139
24	Molecular epidemiology of Methicillin-resistant <i>Staphylococcus aureus</i> in Africa: a systematic review. <i>Frontiers in Microbiology</i> , 2015, 6, 348.	1.5	139
25	The spread of carbapenemase-producing bacteria in Africa: a systematic review. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 23-40.	1.3	137
26	New specimens and laboratory diagnostics for childhood pulmonary TB: progress and prospects. <i>Paediatric Respiratory Reviews</i> , 2011, 12, 16-21.	1.2	134
27	Recent and Rapid Emergence of Beijing Strains of <i>Mycobacterium tuberculosis</i> in Cape Town, South Africa. <i>Clinical Infectious Diseases</i> , 2008, 47, 1252-1259.	2.9	123
28	Impact of Xpert MTB/RIF for TB Diagnosis in a Primary Care Clinic with High TB and HIV Prevalence in South Africa: A Pragmatic Randomised Trial. <i>PLoS Medicine</i> , 2014, 11, e1001760.	3.9	118
29	Mixed <i>Mycobacterium tuberculosis</i> Complex Infections and False-Negative Results for Rifampin Resistance by GeneXpert MTB/RIF Are Associated with Poor Clinical Outcomes. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2422-2429.	1.8	114
30	Association between Gc genotype and susceptibility to TB is dependent on vitamin D status. <i>European Respiratory Journal</i> , 2010, 35, 1106-1112.	3.1	110
31	The clinical consequences of strain diversity in <i>Mycobacterium tuberculosis</i> . <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2008, 102, 955-965.	0.7	106
32	Increasing the value of health research in the WHO African Region beyond 2015--reflecting on the past, celebrating the present and building the future: a bibliometric analysis. <i>BMJ Open</i> , 2015, 5, e006340-e006340.	0.8	106
33	Enzyme-Linked Immunospot Assay Responses to Early Secretory Antigenic Target 6, Culture Filtrate Protein 10, and Purified Protein Derivative among Children with Tuberculosis: Implications for Diagnosis and Monitoring of Therapy. <i>Clinical Infectious Diseases</i> , 2005, 40, 1301-1308.	2.9	104
34	A Multisite Assessment of the Quantitative Capabilities of the Xpert MTB/RIF Assay. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 1076-1084.	2.5	102
35	A deletion defining a common Asian lineage of <i>Mycobacterium tuberculosis</i> associates with immune subversion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15594-15598.	3.3	100
36	Xpert MTB/RIF Testing of Stool Samples for the Diagnosis of Pulmonary Tuberculosis in Children. <i>Clinical Infectious Diseases</i> , 2013, 57, e18-e21.	2.9	100

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37	Diagnostic accuracy, incremental yield and prognostic value of Determine TB-LAM for routine diagnostic testing for tuberculosis in HIV-infected patients requiring acute hospital admission in South Africa: a prospective cohort. <i>BMC Medicine</i> , 2017, 15, 67.	2.3	97
38	Incidence and severity of childhood pneumonia in the first year of life in a South African birth cohort: the Drakenstein Child Health Study. <i>The Lancet Global Health</i> , 2015, 3, e95-e103.	2.9	96
39	Diagnostic Accuracy of Xpert MTB/RIF for Extrapulmonary Tuberculosis Specimens: Establishing a Laboratory Testing Algorithm for South Africa. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1818-1823.	1.8	93
40	Accuracy of Xpert Mtb/Rif Ultra for the Diagnosis of Pulmonary Tuberculosis in Children. <i>Pediatric Infectious Disease Journal</i> , 2018, 37, e261-e263.	1.1	89
41	Xpert MTB/RIF for Rapid Diagnosis of Tuberculous Lymphadenitis from Fine-Needle-Aspiration Biopsy Specimens. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3967-3970.	1.8	87
42	Tuberculosis Diagnostics: State of the Art and Future Directions. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	87
43	Rapid diagnosis of pulmonary tuberculosis in African children in a primary care setting by use of Xpert MTB/RIF on respiratory specimens: a prospective study. <i>The Lancet Global Health</i> , 2013, 1, e97-e104.	2.9	82
44	High levels of multidrug resistant tuberculosis in new and treatment-failure patients from the Revised National Tuberculosis Control Programme in an urban metropolis (Mumbai) in Western India. <i>BMC Public Health</i> , 2009, 9, 211.	1.2	81
45	Delays and loss to follow-up before treatment of drug-resistant tuberculosis following implementation of Xpert MTB/RIF in South Africa: A retrospective cohort study. <i>PLoS Medicine</i> , 2017, 14, e1002238.	3.9	81
46	Diagnosis of pulmonary tuberculosis in children: new advances. <i>Expert Review of Anti-Infective Therapy</i> , 2010, 8, 277-288.	2.0	80
47	Advances in the diagnosis of pneumonia in children. <i>BMJ: British Medical Journal</i> , 2017, 358, j2739.	2.4	75
48	Urine lipoarabinomannan testing for diagnosis of pulmonary tuberculosis in children: a prospective study. <i>The Lancet Global Health</i> , 2014, 2, e278-e284.	2.9	74
49	Value of cerebrospinal fluid leukocyte aggregation in distinguishing the causes of meningitis in children. <i>Pediatric Infectious Disease Journal</i> , 2000, 19, 66-72.	1.1	73
50	Modern Lineages of Mycobacterium tuberculosis Exhibit Lineage-Specific Patterns of Growth and Cytokine Induction in Human Monocyte-Derived Macrophages. <i>PLoS ONE</i> , 2012, 7, e43170.	1.1	72
51	Global burden of acute lower respiratory infection associated with human metapneumovirus in children under 5 years in 2018: a systematic review and modelling study. <i>The Lancet Global Health</i> , 2021, 9, e33-e43.	2.9	71
52	Diagnostic Accuracy of a Rapid Urine Lipoarabinomannan Test for Tuberculosis in HIV-Infected Adults. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014, 66, 270-279.	0.9	70
53	Determine TB-LAM lateral flow urine antigen assay for HIV-associated tuberculosis: recommendations on the design and reporting of clinical studies. <i>BMC Infectious Diseases</i> , 2013, 13, 407.	1.3	68
54	Human Breast Milk Bacteriome in Health and Disease. <i>Nutrients</i> , 2018, 10, 1643.	1.7	67

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55	Distribution of Strain Families of Mycobacterium tuberculosis Causing Pulmonary and Extrapulmonary Disease in Hospitalized Children in Cape Town, South Africa. Journal of Clinical Microbiology, 2005, 43, 5779-5781.	1.8	64
56	Strains of Mycobacterium tuberculosis from Western Maharashtra, India, Exhibit a High Degree of Diversity and Strain-Specific Associations with Drug Resistance, Cavitory Disease, and Treatment Failure. Journal of Clinical Microbiology, 2010, 48, 3593-3599.	1.8	63
57	Tuberculosis Diagnosis in Children Using Xpert Ultra on Different Respiratory Specimens. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 1531-1538.	2.5	62
58	Yersiniosis II: The Pathogenesis of Yersinia Infections. European Journal of Clinical Microbiology and Infectious Diseases, 1999, 18, 87-112.	1.3	61
59	Rapid microbiological screening for tuberculosis in HIV-positive patients on the first day of acute hospital admission by systematic testing of urine samples using Xpert MTB/RIF: a prospective cohort in South Africa. BMC Medicine, 2015, 13, 192.	2.3	61
60	Reconstitution of antimycobacterial immune responses in HIV-infected children receiving HAART. Aids, 2006, 20, 1011-1018.	1.0	60
61	HIV-Related Medical Admissions to a South African District Hospital Remain Frequent Despite Effective Antiretroviral Therapy Scale-Up. Medicine (United States), 2015, 94, e2269.	0.4	60
62	Disseminated tuberculosis among hospitalised HIV patients in South Africa: a common condition that can be rapidly diagnosed using urine-based assays. Scientific Reports, 2017, 7, 10931.	1.6	60
63	Impact of Decentralized Care and the Xpert MTB/RIF Test on Rifampicin-Resistant Tuberculosis Treatment Initiation in Khayelitsha, South Africa. Open Forum Infectious Diseases, 2015, 2, ofv014.	0.4	57
64	Early-life respiratory syncytial virus lower respiratory tract infection in a South African birth cohort: epidemiology and effect on lung health. The Lancet Global Health, 2020, 8, e1316-e1325.	2.9	55
65	Diagnostic accuracy of a novel tuberculosis point-of-care urine lipoarabinomannan assay for people living with HIV: A meta-analysis of individual in- and outpatient data. PLoS Medicine, 2020, 17, e1003113.	3.9	54
66	Effect of Xpert MTB/RIF on clinical outcomes in routine care settings: individual patient data meta-analysis. The Lancet Global Health, 2019, 7, e191-e199.	2.9	53
67	Diagnostic accuracy of 3 urine lipoarabinomannan tuberculosis assays in HIV-negative outpatients. Journal of Clinical Investigation, 2020, 130, 5756-5764.	3.9	53
68	Diagnostic Test Accuracy in Childhood Pulmonary Tuberculosis: A Bayesian Latent Class Analysis. American Journal of Epidemiology, 2016, 184, 690-700.	1.6	52
69	Advances in the Diagnosis of Pulmonary Tuberculosis in HIV-Infected and HIV-Uninfected Children. Journal of Infectious Diseases, 2011, 204, S1151-S1158.	1.9	50
70	Clinical, microbiologic, and immunologic determinants of mortality in hospitalized patients with HIV-associated tuberculosis: A prospective cohort study. PLoS Medicine, 2019, 16, e1002840.	3.9	48
71	Failure to Control Growth of Mycobacteria in Blood from Children Infected with Human Immunodeficiency Virus and Its Relationship to T Cell Function. Journal of Infectious Diseases, 2003, 187, 1544-1551.	1.9	45
72	Longitudinal characterization of nasopharyngeal colonization with Streptococcus pneumoniae in a South African birth cohort post 13-valent pneumococcal conjugate vaccine implementation. Scientific Reports, 2018, 8, 12497.	1.6	44

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73	Age-related waning of immune responses to BCG in healthy children supports the need for a booster dose of BCG in TB endemic countries. <i>Scientific Reports</i> , 2018, 8, 15309.	1.6	43
74	Incidence and Diagnosis of Pertussis in South African Children Hospitalized With Lower Respiratory Tract Infection. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 611-616.	1.1	41
75	Microbiological diagnosis of pulmonary tuberculosis in children by oral swab polymerase chain reaction. <i>Scientific Reports</i> , 2019, 9, 10789.	1.6	40
76	Safety and efficacy of induced sputum in young children hospitalised with suspected pulmonary tuberculosis. <i>International Journal of Tuberculosis and Lung Disease</i> , 2014, 18, 8-12.	0.6	37
77	Impact of Point-of-Care Xpert MTB/RIF on Tuberculosis Treatment Initiation. A Cluster-randomized Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 901-910.	2.5	37
78	Tuberculin skin test conversion and primary progressive tuberculosis disease in the first 5 years of life: a birth cohort study from Cape Town, South Africa. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 46-55.	2.7	37
79	Outbreak of Multi-Drug Resistant <i>Pseudomonas aeruginosa</i> Bloodstream Infection in the Haematology Unit of a South African Academic Hospital. <i>PLoS ONE</i> , 2013, 8, e55985.	1.1	36
80	Diagnostic sensitivity of SILVAMP TB-LAM (FujiLAM) point-of-care urine assay for extra-pulmonary tuberculosis in people living with HIV. <i>European Respiratory Journal</i> , 2020, 55, 1901259.	3.1	36
81	Detection of tuberculosis in HIV-infected children using an enzyme-linked immunospot assay. <i>Aids</i> , 2009, 23, 961-969.	1.0	35
82	Cost utility of lateral-flow urine lipoarabinomannan for tuberculosis diagnosis in HIV-infected African adults. <i>International Journal of Tuberculosis and Lung Disease</i> , 2013, 17, 552-558.	0.6	35
83	Precision medicine for drug-resistant tuberculosis in high-burden countries: is individualised treatment desirable and feasible?. <i>Lancet Infectious Diseases</i> , The, 2018, 18, e282-e287.	4.6	35
84	Lower Respiratory Tract Infections in Children in a Well-vaccinated South African Birth Cohort: Spectrum of Disease and Risk Factors. <i>Clinical Infectious Diseases</i> , 2019, 69, 1588-1596.	2.9	35
85	Rapid genotypic assays to identify drug-resistant <i>Mycobacterium tuberculosis</i> in South Africa. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 63, 11-16.	1.3	34
86	VIM-2 metallo- β -lactamase-producing <i>Pseudomonas aeruginosa</i> causing an outbreak in South Africa. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1797-1798.	1.3	34
87	Molecular characterisation and epidemiological investigation of an outbreak of blaOXA-181 carbapenemase-producing isolates of <i>Klebsiella pneumoniae</i> in South Africa. <i>South African Medical Journal</i> , 2015, 105, 1030.	0.2	34
88	“A very humiliating illness”: a qualitative study of patient-centered Care for Rifampicin-Resistant Tuberculosis in South Africa. <i>BMC Public Health</i> , 2020, 20, 76.	1.2	34
89	Accuracy of a Novel Urine Test, Fujifilm SILVAMP Tuberculosis Lipoarabinomannan, for the Diagnosis of Pulmonary Tuberculosis in Children. <i>Clinical Infectious Diseases</i> , 2021, 72, e280-e288.	2.9	34
90	Dose response of CRM197 and tetanus toxoid-conjugated <i>Haemophilus influenzae</i> type b vaccines. <i>Vaccine</i> , 2004, 23, 802-806.	1.7	31

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91	Transmission of <i>Mycobacterium tuberculosis</i> Undetected by Tuberculin Skin Testing. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 1038-1042.	2.5	31
92	Cytotoxic Mediators in Paradoxical HIV-associated Tuberculosis Immune Reconstitution Inflammatory Syndrome. <i>Journal of Immunology</i> , 2015, 194, 1748-1754.	0.4	31
93	Incremental value of T-SPOT. <i>TB</i> for diagnosis of active pulmonary tuberculosis in children in a high-burden setting: a multivariable analysis. <i>Thorax</i> , 2013, 68, 860-866.	2.7	30
94	Detection of <i>Streptococcus pneumoniae</i> from Different Types of Nasopharyngeal Swabs in Children. <i>PLoS ONE</i> , 2013, 8, e68097.	1.1	30
95	Underestimation of the True Specificity of the Urine Lipoarabinomannan Point-of-Care Diagnostic Assay for HIV-Associated Tuberculosis. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015, 69, e144-e146.	0.9	29
96	Multicenter Study of the Accuracy of the BD MAX Multidrug-resistant Tuberculosis Assay for Detection of <i>Mycobacterium tuberculosis</i> Complex and Mutations Associated With Resistance to Rifampin and Isoniazid. <i>Clinical Infectious Diseases</i> , 2020, 71, 1161-1167.	2.9	29
97	Azithromycin versus placebo for the treatment of HIV-associated chronic lung disease in children and adolescents (BREATHE trial): study protocol for a randomised controlled trial. <i>Trials</i> , 2017, 18, 622.	0.7	28
98	HIV-exposure, early life feeding practices and delivery mode impacts on faecal bacterial profiles in a South African birth cohort. <i>Scientific Reports</i> , 2018, 8, 5078.	1.6	28
99	A clinical scoring system to prioritise investigation for tuberculosis among adults attending HIV clinics in South Africa. <i>PLoS ONE</i> , 2017, 12, e0181519.	1.1	28
100	Reversion and conversion of <i>Mycobacterium tuberculosis</i> IFN- γ ELISpot results during anti-tuberculous treatment in HIV-infected children. <i>BMC Infectious Diseases</i> , 2010, 10, 138.	1.3	27
101	The Influence of HIV on the Evolution of <i>Mycobacterium tuberculosis</i> . <i>Molecular Biology and Evolution</i> , 2017, 34, 1654-1668.	3.5	27
102	Indoor air pollution and tobacco smoke exposure: impact on nasopharyngeal bacterial carriage in mothers and infants in an African birth cohort study. <i>ERJ Open Research</i> , 2019, 5, 00052-2018.	1.1	27
103	Association of maternal prenatal psychological stressors and distress with maternal and early infant faecal bacterial profile. <i>Acta Neuropsychiatrica</i> , 2020, 32, 32-42.	1.0	27
104	Cytomegalovirus acquisition in infancy and the risk of tuberculosis disease in childhood: a longitudinal birth cohort study in Cape Town, South Africa. <i>The Lancet Global Health</i> , 2021, 9, e1740-e1749.	2.9	27
105	A Blueprint to Address Research Gaps in the Development of Biomarkers for Pediatric Tuberculosis: Table 1.. <i>Clinical Infectious Diseases</i> , 2015, 61, S164-S172.	2.9	26
106	Gene expression in cord blood links genetic risk for neurodevelopmental disorders with maternal psychological distress and adverse childhood outcomes. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 320-330.	2.0	26
107	The association between bacteria colonizing the upper respiratory tract and lower respiratory tract infection in young children: a systematic review and meta-analysis. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1262-1270.	2.8	26
108	GeneXpert MTB/RIF Version G4 for Identification of Rifampin-Resistant Tuberculosis in a Programmatic Setting. <i>Journal of Clinical Microbiology</i> , 2014, 52, 635-637.	1.8	25

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109	How can mathematical models advance tuberculosis control in high HIV prevalence settings?. <i>International Journal of Tuberculosis and Lung Disease</i> , 2014, 18, 509-514.	0.6	25
110	Clinical Predictors of Culture-confirmed Pulmonary Tuberculosis in Children in a High Tuberculosis and HIV Prevalence Area. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, e206-e210.	1.1	24
111	Comparison of a Real-Time Multiplex PCR and Sequotyping Assay for Pneumococcal Serotyping. <i>PLoS ONE</i> , 2015, 10, e0137349.	1.1	24
112	Regulatory T Cells and Pro-inflammatory Responses Predominate in Children with Tuberculosis. <i>Frontiers in Immunology</i> , 2017, 8, 448.	2.2	24
113	Incidence of childhood pneumonia: facility-based surveillance estimate compared to measured incidence in a South African birth cohort study. <i>BMJ Open</i> , 2015, 5, e009111.	0.8	23
114	Highly sensitive sequence specific qPCR detection of Mycobacterium tuberculosis complex in respiratory specimens. <i>Tuberculosis</i> , 2016, 101, 114-124.	0.8	23
115	Laboratory-acquired infections of Salmonella enterica serotype Typhi in South Africa: phenotypic and genotypic analysis of isolates. <i>BMC Infectious Diseases</i> , 2017, 17, 656.	1.3	23
116	Effect of Once-Weekly Azithromycin vs Placebo in Children With HIV-Associated Chronic Lung Disease. <i>JAMA Network Open</i> , 2020, 3, e2028484.	2.8	23
117	Xpert MTB/RIF: monitoring response to tuberculosis treatment. <i>Lancet Respiratory Medicine</i> , 2013, 1, 427-428.	5.2	22
118	Rapid Diagnosis of Pediatric Mycobacterial Lymphadenitis Using Fine Needle Aspiration Biopsy. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, 893-896.	1.1	22
119	Haemophilus influenzae type b conjugate vaccine diluted tenfold in diphtheria-tetanus-whole cell pertussis vaccine: a randomized trial. <i>Pediatric Infectious Disease Journal</i> , 2002, 21, 138-141.	1.1	22
120	Carriage of extended-spectrum beta-lactamase-producing Enterobacteriaceae in HIV-infected children in Zimbabwe. <i>Journal of Medical Microbiology</i> , 2017, 66, 609-615.	0.7	22
121	Optimizing Tuberculosis Diagnosis in Human Immunodeficiency Virus-Infected Inpatients Meeting the Criteria of Seriously Ill in the World Health Organization Algorithm. <i>Clinical Infectious Diseases</i> , 2018, 66, 1419-1426.	2.9	21
122	The Determinants of the Human Milk Metabolome and Its Role in Infant Health. <i>Metabolites</i> , 2020, 10, 77.	1.3	21
123	Diagnostic accuracy of the Xpert MTB/Rif Ultra for tuberculosis adenitis. <i>BMC Infectious Diseases</i> , 2020, 20, 33.	1.3	21
124	Breath can discriminate tuberculosis from other lower respiratory illness in children. <i>Scientific Reports</i> , 2021, 11, 2704.	1.6	21
125	Human microbiota research in Africa: a systematic review reveals gaps and priorities for future research. <i>Microbiome</i> , 2021, 9, 241.	4.9	21
126	Respiratory microbes present in the nasopharynx of children hospitalised with suspected pulmonary tuberculosis in Cape Town, South Africa. <i>BMC Infectious Diseases</i> , 2016, 16, 597.	1.3	20

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127	Diagnostic accuracy of two multiplex real-time polymerase chain reaction assays for the diagnosis of meningitis in children in a resource-limited setting. <i>PLoS ONE</i> , 2017, 12, e0173948.	1.1	20
128	Composition of gut microbiota of children and adolescents with perinatal HIV infection taking antiretroviral therapy in Zimbabwe. <i>Journal of Infectious Diseases</i> , 2020, 221, 483-492.	1.9	20
129	Oral Swab Specimens Tested With Xpert MTB/RIF Ultra Assay for Diagnosis of Pulmonary Tuberculosis in Children: A Diagnostic Accuracy Study. <i>Clinical Infectious Diseases</i> , 2022, 75, 2145-2152.	2.9	20
130	Guidance for Studies Evaluating the Accuracy of Sputum-Based Tests to Diagnose Tuberculosis. <i>Journal of Infectious Diseases</i> , 2019, 220, S99-S107.	1.9	19
131	Effect of empirical treatment on outcomes of clinical trials of diagnostic assays for tuberculosis. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 17-18.	4.6	18
132	Fecal Carriage of <i>Staphylococcus aureus</i> in the Hospital and Community Setting: A Systematic Review. <i>Frontiers in Microbiology</i> , 2016, 7, 449.	1.5	18
133	The Influence of DNA Extraction and Lipid Removal on Human Milk Bacterial Profiles. <i>Methods and Protocols</i> , 2020, 3, 39.	0.9	18
134	Diagnostic Accuracy of Lateral Flow Urine LAM Assay for TB Screening of Adults with Advanced Immunosuppression Attending Routine HIV Care in South Africa. <i>PLoS ONE</i> , 2016, 11, e0156866.	1.1	17
135	Using Xpert MTB/RIF. <i>Current Respiratory Medicine Reviews</i> , 2013, 9, 187-192.	0.1	16
136	Analytical and Clinical Evaluation of the Epistem Genedrive Assay for Detection of <i>Mycobacterium tuberculosis</i> . <i>Journal of Clinical Microbiology</i> , 2016, 54, 1051-1057.	1.8	16
137	Xpert MTB/RIF Ultra: a gamechanger for tuberculous meningitis?. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 6-8.	4.6	16
138	Proteomic comparison of three clinical diarrhoeagenic drug-resistant <i>Escherichia coli</i> isolates grown on CHROMagar [®] , [®] STEC media. <i>Journal of Proteomics</i> , 2018, 180, 25-35.	1.2	16
139	Influence of Socio-Economic and Psychosocial Profiles on the Human Breast Milk Bacteriome of South African Women. <i>Nutrients</i> , 2019, 11, 1390.	1.7	16
140	Optimizing 16S rRNA gene profile analysis from low biomass nasopharyngeal and induced sputum specimens. <i>BMC Microbiology</i> , 2020, 20, 113.	1.3	16
141	Characterisation of STEC and other diarrheic <i>E. coli</i> isolated on CHROMagar [®] , [®] STEC at a tertiary referral hospital, Cape Town. <i>BMC Microbiology</i> , 2018, 18, 55.	1.3	15
142	Prevalence and antibiotic susceptibility patterns of enteric bacterial pathogens in human and non-human sources in an urban informal settlement in Cape Town, South Africa. <i>BMC Microbiology</i> , 2019, 19, 244.	1.3	15
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