

# D James Nokes

## List of Publications by Citations

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190  
papers

8,429  
citations

46  
h-index

88  
g-index

210  
ext. papers

10,227  
ext. citations

8  
avg, IF

5.41  
L-index

#	Paper	IF	Citations
190	Global burden of acute lower respiratory infections due to respiratory syncytial virus in young children: a systematic review and meta-analysis. <i>Lancet, The</i> , <b>2010</b> , 375, 1545-55	40	1819
189	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> , <b>2017</b> , 390, 946-958	40	1005
188	Viral etiology of severe pneumonia among Kenyan infants and children. <i>JAMA - Journal of the American Medical Association</i> , <b>2010</b> , 303, 2051-7	27.4	234
187	Strategic priorities for respiratory syncytial virus (RSV) vaccine development. <i>Vaccine</i> , <b>2013</b> , 31 Suppl 2, B209-15	4.1	165
186	Evaluating the cost-effectiveness of vaccination programmes: a dynamic perspective. <i>Statistics in Medicine</i> , <b>1999</b> , 18, 3263-82	2.3	153
185	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
184	Epidemiological patterns of hepatitis B virus (HBV) in highly endemic areas. <i>Epidemiology and Infection</i> , <b>1996</b> , 117, 313-25	4.3	126
183	Global patterns in monthly activity of influenza virus, respiratory syncytial virus, parainfluenza virus, and metapneumovirus: a systematic analysis. <i>The Lancet Global Health</i> , <b>2019</b> , 7, e1031-e1045	13.6	121
182	Respiratory syncytial virus infection and disease in infants and young children observed from birth in Kilifi District, Kenya. <i>Clinical Infectious Diseases</i> , <b>2008</b> , 46, 50-7	11.6	119
181	Hepatitis-B virus endemicity: heterogeneity, catastrophic dynamics and control. <i>Nature Medicine</i> , <b>2001</b> , 7, 619-24	50.5	119
180	Incidence and severity of respiratory syncytial virus pneumonia in rural Kenyan children identified through hospital surveillance. <i>Clinical Infectious Diseases</i> , <b>2009</b> , 49, 1341-9	11.6	112
179	A preliminary study of pneumonia etiology among hospitalized children in Kenya. <i>Clinical Infectious Diseases</i> , <b>2012</b> , 54 Suppl 2, S190-9	11.6	109
178	The level and duration of RSV-specific maternal IgG in infants in Kilifi Kenya. <i>PLoS ONE</i> , <b>2009</b> , 4, e8088	3.7	107
177	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
176	Modeling the impact of subclinical measles transmission in vaccinated populations with waning immunity. <i>American Journal of Epidemiology</i> , <b>1999</b> , 150, 1238-49	3.8	101
175	The use of mathematical models in the epidemiological study of infectious diseases and in the design of mass immunization programmes. <i>Epidemiology and Infection</i> , <b>1988</b> , 101, 1-20	4.3	95
174	The transmission dynamics of groups A and B human respiratory syncytial virus (hRSV) in England & Wales and Finland: seasonality and cross-protection. <i>Epidemiology and Infection</i> , <b>2005</b> , 133, 279-89	4.3	93

173	Predicting the impact of measles vaccination in England and Wales: model validation and analysis of policy options. <i>Epidemiology and Infection</i> , <b>1995</b> , 114, 319-44	4.3	88
172	Human Coronavirus NL63 Molecular Epidemiology and Evolutionary Patterns in Rural Coastal Kenya. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 217, 1728-1739	7	87
171	The source of respiratory syncytial virus infection in infants: a household cohort study in rural Kenya. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 209, 1685-92	7	86
170	Modeling age- and time-specific incidence from seroprevalence: toxoplasmosis. <i>American Journal of Epidemiology</i> , <b>1993</b> , 137, 1022-34	3.8	81
169	Added value of an oropharyngeal swab in detection of viruses in children hospitalized with lower respiratory tract infection. <i>Journal of Clinical Microbiology</i> , <b>2011</b> , 49, 2318-20	9.7	80
168	The natural history of respiratory syncytial virus in a birth cohort: the influence of age and previous infection on reinfection and disease. <i>American Journal of Epidemiology</i> , <b>2012</b> , 176, 794-802	3.8	75
167	Respiratory syncytial virus epidemiology in a birth cohort from Kilifi district, Kenya: infection during the first year of life. <i>Journal of Infectious Diseases</i> , <b>2004</b> , 190, 1828-32	7	73
166	The transmission dynamics and control of hepatitis B virus in The Gambia. <i>Statistics in Medicine</i> , <b>1996</b> , 15, 2215-33	2.3	73
165	The transmission dynamics of hepatitis B in the UK: a mathematical model for evaluating costs and effectiveness of immunization programmes. <i>Epidemiology and Infection</i> , <b>1996</b> , 116, 71-89	4.3	71
164	Seroepidemiology of hepatitis B virus in Addis Ababa, Ethiopia: transmission patterns and vaccine control. <i>Epidemiology and Infection</i> , <b>2003</b> , 131, 757-70	4.3	67
163	Rapid spread and diversification of respiratory syncytial virus genotype ON1, Kenya. <i>Emerging Infectious Diseases</i> , <b>2014</b> , 20, 950-9	10.2	65
162	Excess child mortality after discharge from hospital in Kilifi, Kenya: a retrospective cohort analysis. <i>Bulletin of the World Health Organization</i> , <b>2011</b> , 89, 725-32, 732A	8.2	65
161	Understanding the transmission dynamics of respiratory syncytial virus using multiple time series and nested models. <i>Mathematical Biosciences</i> , <b>2007</b> , 209, 222-39	3.9	65
160	Genetic relatedness of infecting and reinfecting respiratory syncytial virus strains identified in a birth cohort from rural Kenya. <i>Journal of Infectious Diseases</i> , <b>2012</b> , 206, 1532-41	7	60
159	The control of childhood viral infections by pulse vaccination. <i>Mathematical Medicine and Biology</i> , <b>1995</b> , 12, 29-53	1.3	59
158	Temperature-dependent reproduction and survival of <i>Gyrodactylus bullatarudis</i> (Monogenea) on guppies ( <i>Poecilia reticulata</i> ). <i>Parasitology</i> , <b>1984</b> , 89, 221-228	2.7	59
157	Age- and sex-specific HIV-1 prevalence in the urban community setting of Addis Ababa, Ethiopia. <i>Aids</i> , <b>1998</b> , 12, 315-22	3.5	58
156	Has oral fluid the potential to replace serum for the evaluation of population immunity levels? A study of measles, rubella and hepatitis B in rural Ethiopia. <i>Bulletin of the World Health Organization</i> , <b>2001</b> , 79, 588-95	8.2	57

155	Molecular epidemiology of respiratory syncytial virus in Kilifi district, Kenya. <i>Journal of Medical Virology</i> , <b>2004</b> , 74, 344-54	19.7	55
154	Local evolutionary patterns of human respiratory syncytial virus derived from whole-genome sequencing. <i>Journal of Virology</i> , <b>2015</b> , 89, 3444-54	6.6	53
153	Vaccination in pulses: a strategy for global eradication of measles and polio?. <i>Trends in Microbiology</i> , <b>1997</b> , 5, 14-9	12.4	53
152	Higher prevalence of anti-HCV antibodies among HIV-positive compared to HIV-negative inhabitants of Addis Ababa, Ethiopia. <i>Journal of Medical Virology</i> , <b>2002</b> , 68, 12-7	19.7	53
151	Toxoplasma gondii antibodies in pregnant women in Stockholm in 1969, 1979, and 1987. <i>Lancet, The</i> , <b>1991</b> , 337, 1413-4	4.0	53
150	Influence of age, severity of infection, and co-infection on the duration of respiratory syncytial virus (RSV) shedding. <i>Epidemiology and Infection</i> , <b>2015</b> , 143, 804-12	4.3	51
149	Longitudinal study of Toxoplasma seroprevalence in South Yorkshire. <i>Epidemiology and Infection</i> , <b>1992</b> , 108, 99-106	4.3	51
148	Molecular epidemiology of human rhinovirus infections in Kilifi, coastal Kenya. <i>Journal of Medical Virology</i> , <b>2012</b> , 84, 823-31	19.7	48
147	Emergency triage assessment for hypoxaemia in neonates and young children in a Kenyan hospital: an observational study. <i>Bulletin of the World Health Organization</i> , <b>2009</b> , 87, 263-70	8.2	48
146	Factors associated with increased risk of progression to respiratory syncytial virus-associated pneumonia in young Kenyan children. <i>Tropical Medicine and International Health</i> , <b>2008</b> , 13, 914-26	2.3	48
145	Evaluating vaccination strategies for reducing infant respiratory syncytial virus infection in low-income settings. <i>BMC Medicine</i> , <b>2015</b> , 13, 49	11.4	46
144	Frequent Asymptomatic Respiratory Syncytial Virus Infections During an Epidemic in a Rural Kenyan Household Cohort. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212, 1711-8	7	46
143	Protective titres of measles neutralising antibody. <i>Journal of Medical Virology</i> , <b>2000</b> , 62, 511-7	19.7	43
142	Sensitivity of hospital-based surveillance for severe disease: a geographic information system analysis of access to care in Kilifi district, Kenya. <i>Bulletin of the World Health Organization</i> , <b>2011</b> , 89, 102-11	8.2	41
141	Spread and Evolution of Respiratory Syncytial Virus A Genotype ON1, Coastal Kenya, 2010-2015. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 264-271	10.2	40
140	Measles virus strains circulating in Ethiopia in 1998-1999: molecular characterisation using oral fluid samples and identification of a new genotype. <i>Journal of Medical Virology</i> , <b>2001</b> , 65, 373-80	19.7	38
139	Duration of shedding of respiratory syncytial virus in a community study of Kenyan children. <i>BMC Infectious Diseases</i> , <b>2010</b> , 10, 15	4	37
138	Rubella seroepidemiology in a non-immunized population of S̃ Paulo State, Brazil. <i>Epidemiology and Infection</i> , <b>1994</b> , 113, 161-73	4.3	37

137	Dynamical complexity in age-structured models of the transmission of the measles virus: epidemiological implications at high levels of vaccine uptake. <i>Mathematical Biosciences</i> , <b>1996</b> , 138, 101-30 <sup>9</sup>	30.9	36
136	Improved detection of respiratory viruses in pediatric outpatients with acute respiratory illness by real-time PCR using nasopharyngeal flocced swabs. <i>Journal of Clinical Microbiology</i> , <b>2011</b> , 49, 3365-7	9.7	35
135	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. <i>Science</i> , <b>2021</b> , 374, 423-431	33.3	35
134	Quantifying social contacts in a household setting of rural Kenya using wearable proximity sensors. <i>EPJ Data Science</i> , <b>2016</b> , 5, 21	3.4	34
133	The association between age and the development of respiratory syncytial virus neutralising antibody responses following natural infection in infants. <i>Vaccine</i> , <b>2014</b> , 32, 4726-9	4.1	33
132	Incidence and clinical characteristics of group A rotavirus infections among children admitted to hospital in Kilifi, Kenya. <i>PLoS Medicine</i> , <b>2008</b> , 5, e153	11.6	33
131	Kinetics of the neutralizing antibody response to respiratory syncytial virus infections in a birth cohort. <i>Journal of Medical Virology</i> , <b>2013</b> , 85, 2020-5	19.7	32
130	Recent sequence variation in probe binding site affected detection of respiratory syncytial virus group B by real-time RT-PCR. <i>Journal of Clinical Virology</i> , <b>2017</b> , 88, 21-25	14.5	31
129	Group- and genotype-specific neutralizing antibody responses against respiratory syncytial virus in infants and young children with severe pneumonia. <i>Journal of Infectious Diseases</i> , <b>2013</b> , 207, 489-92	7	31
128	Improving sensitivity of oral fluid testing in IgG prevalence studies: application of mixture models to a rubella antibody survey. <i>Epidemiology and Infection</i> , <b>2003</b> , 130, 285-91	4.3	31
127	Sero-epidemiology of rubella in the urban population of Addis Ababa, Ethiopia. <i>Epidemiology and Infection</i> , <b>2000</b> , 124, 467-79	4.3	31
126	Vaccine safety versus vaccine efficacy in mass immunisation programmes. <i>Lancet, The</i> , <b>1991</b> , 338, 1309-12 <sup>o</sup>	12.0	30
125	Estimation of the national disease burden of influenza-associated severe acute respiratory illness in Kenya and Guatemala: a novel methodology. <i>PLoS ONE</i> , <b>2013</b> , 8, e56882	3.7	29
124	Evaluation of a measles vaccine campaign by oral-fluid surveys in a rural Kenyan district: interpretation of antibody prevalence data using mixture models. <i>Epidemiology and Infection</i> , <b>2009</b> , 137, 227-33	4.3	29
123	A simplified and standardized neutralization enzyme immunoassay for the quantification of measles neutralizing antibody. <i>Journal of Virological Methods</i> , <b>1999</b> , 78, 209-17	2.6	28
122	Successive Respiratory Syncytial Virus Epidemics in Local Populations Arise from Multiple Variant Introductions, Providing Insights into Virus Persistence. <i>Journal of Virology</i> , <b>2015</b> , 89, 11630-42	6.6	27
121	A cost effectiveness and capacity analysis for the introduction of universal rotavirus vaccination in Kenya: comparison between Rotarix and RotaTeq vaccines. <i>PLoS ONE</i> , <b>2012</b> , 7, e47511	3.7	27
120	Predictions of the emergence of vaccine-resistant hepatitis B in The Gambia using a mathematical model. <i>Epidemiology and Infection</i> , <b>2000</b> , 124, 295-307	4.3	27

119	Molecular Evolutionary Dynamics of Respiratory Syncytial Virus Group A in Recurrent Epidemics in Coastal Kenya. <i>Journal of Virology</i> , <b>2016</b> , 90, 4990-5002	6.6	26
118	A comparison of oral fluid and serum for the detection of rubella-specific antibodies in a community study in Addis Ababa, Ethiopia. <i>Tropical Medicine and International Health</i> , <b>1998</b> , 3, 258-67	2.3	26
117	Rotavirus genetic diversity, disease association, and temporal change in hospitalized rural Kenyan children. <i>Journal of Infectious Diseases</i> , <b>2010</b> , 202 Suppl, S180-6	7	24
116	Influenza surveillance among children with pneumonia admitted to a district hospital in coastal Kenya, 2007-2010. <i>Journal of Infectious Diseases</i> , <b>2012</b> , 206 Suppl 1, S61-7	7	24
115	Treatment failure among Kenyan children with severe pneumonia--a cohort study. <i>Pediatric Infectious Disease Journal</i> , <b>2012</b> , 31, e152-7	3.4	24
114	Measles immunization strategies for countries with high transmission rates: interim guidelines predicted using a mathematical model. <i>International Journal of Epidemiology</i> , <b>1990</b> , 19, 703-10	7.8	24
113	Surveillance of respiratory viruses in the outpatient setting in rural coastal Kenya: baseline epidemiological observations. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 89	4.8	24
112	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> , <b>2022</b> , 399, 2047-2064	4.0	23
111	Quantifying maternally derived respiratory syncytial virus specific neutralising antibodies in a birth cohort from coastal Kenya. <i>Vaccine</i> , <b>2015</b> , 33, 1797-801	4.1	22
110	Detection of rubella virus-specific immunoglobulin G in saliva by an amplification-based enzyme-linked immunosorbent assay using monoclonal antibody to fluorescein isothiocyanate. <i>Journal of Clinical Microbiology</i> , <b>1999</b> , 37, 391-5	9.7	22
109	Detection of measles specific IgG in oral fluid using an FITC/anti-FITC IgG capture enzyme linked immunosorbent assay (GACELISA). <i>Journal of Virological Methods</i> , <b>1999</b> , 83, 135-44	2.6	21
108	Seroepidemiology of <i>Toxoplasma gondii</i> among pregnant women in different parts of Sweden. <i>European Journal of Epidemiology</i> , <b>1995</b> , 11, 149-56	12.1	21
107	Defining the vaccination window for respiratory syncytial virus (RSV) using age-seroprevalence data for children in Kilifi, Kenya. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177803	3.7	21
106	Whole genome analysis of local Kenyan and global sequences unravels the epidemiological and molecular evolutionary dynamics of RSV genotype ON1 strains. <i>Virus Evolution</i> , <b>2018</b> , 4, vey027	3.7	21
105	Impact of viral upper respiratory tract infection on the concentration of nasopharyngeal pneumococcal carriage among Kenyan children. <i>Scientific Reports</i> , <b>2018</b> , 8, 11030	4.9	20
104	Comparison of strain-specific antibody responses during primary and secondary infections with respiratory syncytial virus. <i>Journal of Medical Virology</i> , <b>2007</b> , 79, 1943-50	19.7	20
103	Serological study of the epidemiology of mumps virus infection in north-west England. <i>Epidemiology and Infection</i> , <b>1990</b> , 105, 175-95	4.3	20
102	Forecasting the scale of the COVID-19 epidemic in Kenya		20

101	Airway response to respiratory syncytial virus has incidental antibacterial effects. <i>Nature Communications</i> , <b>2019</b> , 10, 2218	17.4	19
100	Identification of group B respiratory syncytial viruses that lack the 60-nucleotide duplication after six consecutive epidemics of total BA dominance at coastal Kenya. <i>Influenza and Other Respiratory Viruses</i> , <b>2013</b> , 7, 1008-12	5.6	19
99	Predicting the relative impacts of maternal and neonatal respiratory syncytial virus (RSV) vaccine target product profiles: A consensus modelling approach. <i>Vaccine</i> , <b>2017</b> , 35, 403-409	4.1	18
98	The incidence and clinical burden of respiratory syncytial virus disease identified through hospital outpatient presentations in Kenyan children. <i>PLoS ONE</i> , <b>2012</b> , 7, e52520	3.7	18
97	Human metapneumovirus epidemiological and evolutionary patterns in Coastal Kenya, 2007-11. <i>BMC Infectious Diseases</i> , <b>2016</b> , 16, 301	4	18
96	Transmission patterns and evolution of respiratory syncytial virus in a community outbreak identified by genomic analysis. <i>Virus Evolution</i> , <b>2017</b> , 3, vex006	3.7	17
95	Seroepidemiological study of the transmission of the mumps virus in St. Lucia, West Indies. <i>Epidemiology and Infection</i> , <b>1989</b> , 102, 147-60	4.3	17
94	Continuous Invasion by Respiratory Viruses Observed in Rural Households During a Respiratory Syncytial Virus Seasonal Outbreak in Coastal Kenya. <i>Clinical Infectious Diseases</i> , <b>2018</b> , 67, 1559-1567	11.6	16
93	Severe lower respiratory tract infection in early infancy and pneumonia hospitalizations among children, Kenya. <i>Emerging Infectious Diseases</i> , <b>2013</b> , 19, 223-9	10.2	16
92	Rotavirus within day care centres in Oxfordshire, UK: characterization of partial immunity. <i>Journal of the Royal Society Interface</i> , <b>2008</b> , 5, 1481-90	4.1	16
91	Targeted hepatitis B vaccination--a cost effective immunisation strategy for the UK?. <i>Journal of Epidemiology and Community Health</i> , <b>1996</b> , 50, 667-73	5.1	15
90	Revealing the extent of the COVID-19 pandemic in Kenya based on serological and PCR-test data		15
89	Effectiveness of Monovalent Rotavirus Vaccine Against Hospitalization With Acute Rotavirus Gastroenteritis in Kenyan Children. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 70, 2298-2305	11.6	15
88	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> , <b>2021</b> , 9, e33-e43	13.6	15
87	Model-based estimates of transmission of respiratory syncytial virus within households. <i>Epidemics</i> , <b>2019</b> , 27, 1-11	5.1	14
86	Examining strain diversity and phylogeography in relation to an unusual epidemic pattern of respiratory syncytial virus (RSV) in a long-term refugee camp in Kenya. <i>BMC Infectious Diseases</i> , <b>2014</b> , 14, 178	4	13
85	Intrapatient variation of the respiratory syncytial virus attachment protein gene. <i>Journal of Virology</i> , <b>2010</b> , 84, 10425-8	6.6	13
84	Towards eradication of measles virus: global progress and strategy evaluation. <i>Veterinary Microbiology</i> , <b>1995</b> , 44, 333-50	3.3	13

83	Genomic analysis of respiratory syncytial virus infections in households and utility in inferring who infects the infant. <i>Scientific Reports</i> , <b>2019</b> , 9, 10076	4.9	12
82	Impact of the Introduction of Rotavirus Vaccine on Hospital Admissions for Diarrhea Among Children in Kenya: A Controlled Interrupted Time-Series Analysis. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 70, 2306-2313	11.6	12
81	Cohort Profile: The Kilifi Vaccine Monitoring Study. <i>International Journal of Epidemiology</i> , <b>2017</b> , 46, 792-798	7.2	11
80	An Intensive, Active Surveillance Reveals Continuous Invasion and High Diversity of Rhinovirus in Households. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 219, 1049-1057	7	11
79	Identifying infections with respiratory syncytial virus by using specific immunoglobulin G (IgG) and IgA enzyme-linked immunosorbent assays with oral-fluid samples. <i>Journal of Clinical Microbiology</i> , <b>2008</b> , 46, 1659-62	9.7	10
78	Seroepidemiology of group A rotavirus in suburban São Paulo, Brazil. <i>Epidemiology and Infection</i> , <b>1998</b> , 120, 327-34	4.3	10
77	Seroepidemiology of measles in Addis Ababa, Ethiopia: implications for control through vaccination. <i>Epidemiology and Infection</i> , <b>2003</b> , 130, 507-19	4.3	10
76	COVID-19 transmission dynamics underlying epidemic waves in Kenya. <i>Science</i> , <b>2021</b> , 374, 989-994	33.3	10
75	Human metapneumovirus prevalence and patterns of subgroup persistence identified through surveillance of pediatric pneumonia hospital admissions in coastal Kenya, 2007-2016. <i>BMC Infectious Diseases</i> , <b>2019</b> , 19, 757	4	9
74	Complete Genome Sequences of Dengue Virus Type 2 Strains from Kilifi, Kenya. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	9
73	Measles IgG seroprevalence prior to mass vaccination in Taiwan. <i>International Journal of Infectious Diseases</i> , <b>2002</b> , 6, 42-7	10.5	9
72	Application of mathematical models to the design of immunization strategies. <i>Reviews in Medical Microbiology</i> , <b>1993</b> , 4, 1-7	1.1	9
71	Model-based comparisons of measles immunization strategies using high dose Edmonston-Zagreb type vaccines. <i>International Journal of Epidemiology</i> , <b>1991</b> , 20, 1107-17	7.8	9
70	Predicting and comparing long-term measles antibody profiles of different immunization policies. <i>Bulletin of the World Health Organization</i> , <b>2001</b> , 79, 615-24	8.2	9
69	Tracking the introduction and spread of SARS-CoV-2 in coastal Kenya. <i>Nature Communications</i> , <b>2021</b> , 12, 4809	17.4	9
68	Analysis of the relationship between immunogenicity and immunity for viral subunit vaccines. <i>Journal of Medical Virology</i> , <b>2001</b> , 64, 560-8	19.7	8
67	Absence of relationship between <i>Schistosoma japonicum</i> and hepatitis B virus infection in the Dongting lake region, China. <i>Epidemiology and Infection</i> , <b>1998</b> , 121, 193-5	4.3	8
66	Human rhinovirus spatial-temporal epidemiology in rural coastal Kenya, 2015-2016, observed through outpatient surveillance. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 128	4.8	8



65	Reducing respiratory syncytial virus (RSV) hospitalization in a lower-income country by vaccinating mothers-to-be and their households. <i>ELife</i> , <b>2020</b> , 9,	8.9	8
64	Quantification and determinants of the amount of respiratory syncytial virus (RSV) shed using real time PCR data from a longitudinal household study. <i>Wellcome Open Research</i> , <b>2016</b> , 1, 27	4.8	7
63	Human rhinovirus spatial-temporal epidemiology in rural coastal Kenya, 2015-2016, observed through outpatient surveillance. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 128	4.8	7
62	Tracking the introduction and spread of SARS-CoV-2 in coastal Kenya		7
61	Molecular Epidemiology of Human Rhinovirus From 1-Year Surveillance Within a School Setting in Rural Coastal Kenya. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, ofaa385	1	7
60	Evaluating the performance of tools used to call minority variants from whole genome short-read data. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 21	4.8	6
59	Optimization of the SARS-CoV-2 ARTIC Network V4 Primers and Whole Genome Sequencing Protocol.. <i>Frontiers in Medicine</i> , <b>2022</b> , 9, 836728	4.9	6
58	Serological and molecular epidemiology of measles virus outbreaks reported in Ethiopia during 2000-2004. <i>Journal of Medical Virology</i> , <b>2006</b> , 78, 1648-55	19.7	5
57	Quantification and determinants of the amount of respiratory syncytial virus (RSV) shed using real time PCR data from a longitudinal household study. <i>Wellcome Open Research</i> , 1, 27	4.8	5
56	Surveillance of endemic human coronaviruses (HCoV-NL63, OC43 and 229E) associated with pneumonia in Kilifi, Kenya. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 150	4.8	5
55	Surveillance of respiratory viruses among children attending a primary school in rural coastal Kenya. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 63	4.8	5
54	Genome Sequences of Human Coronavirus OC43 and NL63, Associated with Respiratory Infections in Kilifi, Kenya. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	5
53	Untargeted analysis of the airway proteomes of children with respiratory infections using mass spectrometry based proteomics. <i>Scientific Reports</i> , <b>2018</b> , 8, 13814	4.9	5
52	Genetic characterization of influenza A(H3N2) viruses circulating in coastal Kenya, 2009-2017. <i>Influenza and Other Respiratory Viruses</i> , <b>2020</b> , 14, 320-330	5.6	4
51	Epidemiology. Does viral diversity matter?. <i>Science</i> , <b>2009</b> , 325, 274-5	33.3	4
50	Evaluating the performance of tools used to call minority variants from whole genome short-read data. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 21	4.8	4
49	Molecular characterization of rotavirus group A strains circulating prior to vaccine introduction in rural coastal Kenya, 2002-2013. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 150	4.8	4
48	Agreement between ELISA and plaque reduction neutralisation assay in Detection of respiratory syncytial virus specific antibodies in a birth Cohort from Kilifi, coastal Kenya. <i>Wellcome Open Research</i> , <b>2019</b> , 4, 33	4.8	4

47	Study design and protocol for investigating social network patterns in rural and urban schools and households in a coastal setting in Kenya using wearable proximity sensors. <i>Wellcome Open Research</i> , <b>2019</b> , 4, 84	4.8	4
46	Study design and protocol for investigating social network patterns in rural and urban schools and households in a coastal setting in Kenya using wearable proximity sensors. <i>Wellcome Open Research</i> , <b>2019</b> , 4, 84	4.8	4
45	Surveillance of respiratory viruses among children attending a primary school in rural coastal Kenya. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 63	4.8	4
44	Surveillance of endemic human coronaviruses (HCoV-NL63, OC43 and 229E) associated with pneumonia in Kilifi, Kenya. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 150	4.8	4
43	Proposal for Human Respiratory Syncytial Virus Nomenclature below the Species Level. <i>Emerging Infectious Diseases</i> , <b>2021</b> , 27, 1-9	10.2	4
42	Whole genome sequencing of two human rhinovirus A types (A101 and A15) detected in Kenya, 2016-2018. <i>Wellcome Open Research</i> , <b>2021</b> , 6, 178	4.8	4
41	A26 Transmission patterns and evolution of RSV in a community outbreak identified by genomic analysis. <i>Virus Evolution</i> , <b>2017</b> , 3,	3.7	3
40	Comparison of three methods of collecting nasal specimens for respiratory virus analysis. <i>East African Medical Journal</i> , <b>2004</b> , 81, 313-7		3
39	Molecular characterization of rotavirus group A strains circulating prior to vaccine introduction in rural coastal Kenya, 2002-2013. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 150	4.8	3
38	Assessing the utility of minority variant composition in elucidating RSV transmission pathways		3
37	Genomic epidemiology and evolutionary dynamics of respiratory syncytial virus group B in Kilifi, Kenya, 2015-17. <i>Virus Evolution</i> , <b>2020</b> , 6, veaa050	3.7	3
36	Transmission and evolutionary dynamics of human coronavirus OC43 strains in coastal Kenya investigated by partial spike sequence analysis, 2015-16. <i>Virus Evolution</i> , <b>2020</b> , 6, veaa031	3.7	3
35	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa		3
34	Revealing the extent of the first wave of the COVID-19 pandemic in Kenya based on serological and PCR-test data. <i>Wellcome Open Research</i> , <b>2021</b> , 6, 127	4.8	3
33	COVID-19 Transmission Dynamics Underlying Epidemic Waves in Kenya		3
32	Human Rhinovirus B and C Genomes from Rural Coastal Kenya. <i>Genome Announcements</i> , <b>2016</b> , 4,		3
31	Respiratory syncytial virus seasonality in three epidemiological zones of Kenya. <i>Influenza and Other Respiratory Viruses</i> , <b>2021</b> , 15, 195-201	5.6	3
30	Whole genome sequencing of two human rhinovirus A types (A101 and A15) detected in Kenya, 2016-2018. <i>Wellcome Open Research</i> , <b>2021</b> , 6, 178	4.8	3

29	Model evaluation of target product profiles of an infant vaccine against respiratory syncytial virus (RSV) in a developed country setting. <i>Vaccine: X</i> , <b>2020</b> , 4, 100055	3.8	2
28	Using contact data to model the impact of contact tracing and physical distancing to control the SARS-CoV-2 outbreak in Kenya. <i>Wellcome Open Research</i> ,5, 212	4.8	2
27	Molecular epidemiology of human rhinovirus from one-year surveillance within a school setting in rural coastal Kenya		2
26	Rotavirus group A genotype circulation patterns across Kenya before and after nationwide vaccine introduction, 2010-2018. <i>BMC Infectious Diseases</i> , <b>2020</b> , 20, 504	4	2
25	Detection of SARS-CoV-2 variant 501Y.V2 in Comoros Islands in January 2021.. <i>Wellcome Open Research</i> , <b>2021</b> , 6, 192	4.8	2
24	Integrating epidemiological and genetic data with different sampling intensities into a dynamic model of respiratory syncytial virus transmission. <i>Scientific Reports</i> , <b>2021</b> , 11, 1463	4.9	2
23	Respiratory Syncytial Virus Disease Burden in the Developing World. <i>Perspectives in Medical Virology</i> , <b>2006</b> , 14, 183-232		1
22	Identification of missed viruses by metagenomic sequencing of clinical respiratory samples from Kenya.. <i>Scientific Reports</i> , <b>2022</b> , 12, 202	4.9	1
21	Whole genome sequencing and phylogenetic analysis of human metapneumovirus strains from Kenya and Zambia. <i>BMC Genomics</i> , <b>2020</b> , 21, 5	4.5	1
20	Epidemiological and evolutionary dynamics of influenza B virus in coastal Kenya as revealed by genomic analysis of strains sampled over a single season. <i>Virus Evolution</i> , <b>2020</b> , 6, veaa045	3.7	1
19	Implications of gestational age at antenatal care attendance on the successful implementation of a maternal respiratory syncytial virus (RSV) vaccine program in coastal Kenya. <i>BMC Public Health</i> , <b>2020</b> , 20, 1723	4.1	1
18	Evolution of respiratory syncytial virus genotype BA in Kilifi, Kenya, 15 years on. <i>Scientific Reports</i> , <b>2020</b> , 10, 21176	4.9	1
17	Characterizing the countrywide epidemic spread of influenza A(H1N1)pdm09 virus in Kenya between 2009 and 2018		1
16	Comparative analysis of spatial-temporal patterns of human metapneumovirus and respiratory syncytial virus in Africa using genetic data, 2011-2014. <i>Virology Journal</i> , <b>2021</b> , 18, 104	6.1	1
15	The Etiology of Pneumonia in HIV-uninfected Children in Kilifi, Kenya: Findings From the Pneumonia Etiology Research for Child Health (PERCH) Study. <i>Pediatric Infectious Disease Journal</i> , <b>2021</b> , 40, S29-S39	3.4	1
14	Efficiency of transplacental transfer of respiratory syncytial virus (RSV) specific antibodies among pregnant women in Kenya. <i>Wellcome Open Research</i> ,7, 43	4.8	1
13	Individual's daily behaviour and intergenerational mixing in different social contexts of Kenya. <i>Scientific Reports</i> , <b>2021</b> , 11, 21589	4.9	0
12	Accuracy of diagnostic tests for respiratory syncytial virus infection within a paediatric hospital population in Kilifi County, Kenya. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 155	4.8	0

11	Trends and Intensity of Rhinovirus Invasions in Kilifi, Coastal Kenya, Over a 12-Year Period, 2007-2018.. <i>Open Forum Infectious Diseases</i> , <b>2021</b> , 8, ofab571	1	o
10	Children's Oxygen Administration Strategies And Nutrition Trial (COAST-Nutrition): a protocol for a phase II randomised controlled trial. <i>Wellcome Open Research</i> , <b>2021</b> , 6, 221	4.8	o
9	Quantifying previous SARS-CoV-2 infection through mixture modelling of antibody levels. <i>Nature Communications</i> , <b>2021</b> , 12, 6196	17.4	o
8	Infection patterns of endemic human coronaviruses in rural households in coastal Kenya.. <i>Wellcome Open Research</i> , <b>2021</b> , 6, 27	4.8	o
7	Spatially resolved simulations of the spread of COVID-19 in three European countries. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1009090	5	o
6	Estimated impact of maternal vaccination on global paediatric influenza-related in-hospital mortality: A retrospective case series. <i>EClinicalMedicine</i> , <b>2021</b> , 37, 100945	11.3	o
5	Epidemiology of COVID-19 infections on routine polymerase chain reaction (PCR) and serology testing in Coastal Kenya.. <i>Wellcome Open Research</i> , <b>2022</b> , 7, 69	4.8	o
4	Revealing the extent of the first wave of the COVID-19 pandemic in Kenya based on serological and PCR-test data. <i>Wellcome Open Research</i> , <b>2022</b> , 6, 127	4.8	o
3	Efficiency of transplacental transfer of respiratory syncytial virus (RSV) specific antibodies among pregnant women in Kenya.. <i>Wellcome Open Research</i> , <b>2022</b> , 7, 43	4.8	o
2	Enrichment approach for unbiased sequencing of respiratory syncytial virus directly from clinical samples. <i>Wellcome Open Research</i> , <b>2022</b> , 6, 99	4.8	o
1	Children's Oxygen Administration Strategies And Nutrition Trial (COAST-Nutrition): a protocol for a phase II randomised controlled trial. <i>Wellcome Open Research</i> , <b>2021</b> , 6, 221	4.8	o