

# D James Nokes

## List of Publications by Year in descending order

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185  
papers

12,002  
citations

43973

48  
h-index

32761

100  
g-index

210  
all docs

210  
docs citations

210  
times ranked

10357  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2010, 375, 1545-1555.	6.3	2,308
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	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
4	Viral Etiology of Severe Pneumonia Among Kenyan Infants and Children. <i>JAMA - Journal of the American Medical Association</i> , 2010, 303, 2051.	3.8	267
5	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
6	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
7	Strategic priorities for respiratory syncytial virus (RSV) vaccine development. <i>Vaccine</i> , 2013, 31, B209-B215.	1.7	201
8	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.	2.9	180
9	Evaluating the cost-effectiveness of vaccination programmes: a dynamic perspective. , 1999, 18, 3263-3282.		174
10	Epidemiological patterns of hepatitis B virus (HBV) in highly endemic areas. <i>Epidemiology and Infection</i> , 1996, 117, 313-325.	1.0	150
11	Hepatitis-B virus endemicity: heterogeneity, catastrophic dynamics and control. <i>Nature Medicine</i> , 2001, 7, 619-624.	15.2	149
12	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. <i>Science</i> , 2021, 374, 423-431.	6.0	144
13	Respiratory Syncytial Virus Infection and Disease in Infants and Young Children Observed from Birth in Kilifi District, Kenya. <i>Clinical Infectious Diseases</i> , 2008, 46, 50-57.	2.9	140
14	Incidence and Severity of Respiratory Syncytial Virus Pneumonia in Rural Kenyan Children Identified through Hospital Surveillance. <i>Clinical Infectious Diseases</i> , 2009, 49, 1341-1349.	2.9	135
15	The Level and Duration of RSV-Specific Maternal IgG in Infants in Kilifi Kenya. <i>PLoS ONE</i> , 2009, 4, e8088.	1.1	134
16	A Preliminary Study of Pneumonia Etiology Among Hospitalized Children in Kenya. <i>Clinical Infectious Diseases</i> , 2012, 54, S190-S199.	2.9	132
17	The Source of Respiratory Syncytial Virus Infection In Infants: A Household Cohort Study In Rural Kenya. <i>Journal of Infectious Diseases</i> , 2014, 209, 1685-1692.	1.9	118
18	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> , 1988, 101, 1-20.	1.0	117

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19	Human Coronavirus NL63 Molecular Epidemiology and Evolutionary Patterns in Rural Coastal Kenya. <i>Journal of Infectious Diseases</i> , 2018, 217, 1728-1739.	1.9	116
20	Modeling the Impact of Subclinical Measles Transmission in Vaccinated Populations with Waning Immunity. <i>American Journal of Epidemiology</i> , 1999, 150, 1238-1249.	1.6	115
21	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> , 2005, 133, 279-289.	1.0	109
22	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> , 2012, 176, 794-802.	1.6	108
23	THE TRANSMISSION DYNAMICS AND CONTROL OF HEPATITIS B VIRUS IN THE GAMBIA. , 1996, 15, 2215-2233.		103
24	Predicting the impact of measles vaccination in England and Wales: model validation and analysis of policy options. <i>Epidemiology and Infection</i> , 1995, 114, 319-344.	1.0	98
25	Modeling Age- and Time-Specific Incidence from Seroprevalence: Toxoplasmosis. <i>American Journal of Epidemiology</i> , 1993, 137, 1022-1034.	1.6	97
26	Added Value of an Oropharyngeal Swab in Detection of Viruses in Children Hospitalized with Lower Respiratory Tract Infection. <i>Journal of Clinical Microbiology</i> , 2011, 49, 2318-2320.	1.8	97
27	Seroepidemiology of hepatitis B virus in Addis Ababa, Ethiopia: transmission patterns and vaccine control. <i>Epidemiology and Infection</i> , 2003, 131, 757-770.	1.0	84
28	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> , 1996, 116, 71-89.	1.0	82
29	Excess child mortality after discharge from hospital in Kilifi, Kenya: a retrospective cohort analysis. <i>Bulletin of the World Health Organization</i> , 2011, 89, 725-732.	1.5	81
30	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> , 2004, 190, 1828-1832.	1.9	79
31	Rapid Spread and Diversification of Respiratory Syncytial Virus Genotype ON1, Kenya. <i>Emerging Infectious Diseases</i> , 2014, 20, 950-959.	2.0	76
32	Influence of age, severity of infection, and co-infection on the duration of respiratory syncytial virus (RSV) shedding. <i>Epidemiology and Infection</i> , 2015, 143, 804-812.	1.0	75
33	Age- and sex-specific HIV-1 prevalence in the urban community setting of Addis Ababa, Ethiopia. <i>Aids</i> , 1998, 12, 315-322.	1.0	74
34	Local Evolutionary Patterns of Human Respiratory Syncytial Virus Derived from Whole-Genome Sequencing. <i>Journal of Virology</i> , 2015, 89, 3444-3454.	1.5	74
35	Understanding the transmission dynamics of respiratory syncytial virus using multiple time series and nested models. <i>Mathematical Biosciences</i> , 2007, 209, 222-239.	0.9	73
36	The control of childhood viral infections by pulse vaccination. <i>Mathematical Medicine and Biology</i> , 1995, 12, 29-53.	0.8	72

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37	Genetic Relatedness of Infecting and Reinfesting Respiratory Syncytial Virus Strains Identified in a Birth Cohort From Rural Kenya. <i>Journal of Infectious Diseases</i> , 2012, 206, 1532-1541.	1.9	71
38	Frequent Asymptomatic Respiratory Syncytial Virus Infections During an Epidemic in a Rural Kenyan Household Cohort. <i>Journal of Infectious Diseases</i> , 2015, 212, 1711-1718.	1.9	71
39	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
40	Temperature-dependent reproduction and survival of <i>Gyrodactylus bullatarudis</i> (Monogenea) on guppies ( <i>Poecilia reticulata</i> ). <i>Parasitology</i> , 1984, 89, 221-228.	0.7	67
41	<i>Toxoplasma gondii</i> antibodies in pregnant women in Stockholm in 1969, 1979, and 1987. <i>Lancet</i> , The, 1991, 337, 1413-1414.	6.3	66
42	Molecular epidemiology of respiratory syncytial virus in Kilifi district, Kenya. <i>Journal of Medical Virology</i> , 2004, 74, 344-354.	2.5	63
43	Vaccination in pulses: a strategy for global eradication of measles and polio?. <i>Trends in Microbiology</i> , 1997, 5, 14-19.	3.5	62
44	COVID-19 transmission dynamics underlying epidemic waves in Kenya. <i>Science</i> , 2021, 374, 989-994.	6.0	62
45	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> , 2001, 79, 588-95.	1.5	62
46	Higher prevalence of anti-HCV antibodies among HIV-positive compared to HIV-negative inhabitants of Addis Ababa, Ethiopia. <i>Journal of Medical Virology</i> , 2002, 68, 12-17.	2.5	60
47	Spread and Evolution of Respiratory Syncytial Virus A Genotype ON1, Coastal Kenya, 2010â€“2015. <i>Emerging Infectious Diseases</i> , 2017, 23, 264-271.	2.0	57
48	Longitudinal study of toxoplasma seroprevalence in South Yorkshire. <i>Epidemiology and Infection</i> , 1992, 108, 99-106.	1.0	56
49	Evaluating vaccination strategies for reducing infant respiratory syncytial virus infection in low-income settings. <i>BMC Medicine</i> , 2015, 13, 49.	2.3	56
50	Rubella seroepidemiology in a non-immunized population of SÃ£o Paulo State, Brazil. <i>Epidemiology and Infection</i> , 1994, 113, 161-173.	1.0	55
51	Factors associated with increased risk of progression to respiratory syncytial virus-associated pneumonia in young Kenyan children*. <i>Tropical Medicine and International Health</i> , 2008, 13, 914-926.	1.0	55
52	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> , 2009, 87, 263-270.	1.5	52
53	Quantifying social contacts in a household setting of rural Kenya using wearable proximity sensors. <i>EPJ Data Science</i> , 2016, 5, 21.	1.5	51
54	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> , 2011, 89, 102-111.	1.5	51

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55	Molecular epidemiology of human rhinovirus infections in Kilifi, coastal Kenya. <i>Journal of Medical Virology</i> , 2012, 84, 823-831.	2.5	50
56	Optimization of the SARS-CoV-2 ARTIC Network V4 Primers and Whole Genome Sequencing Protocol. <i>Frontiers in Medicine</i> , 2022, 9, 836728.	1.2	47
57	Protective titres of measles neutralising antibody. <i>Journal of Medical Virology</i> , 2000, 62, 511-517.	2.5	46
58	Duration of shedding of respiratory syncytial virus in a community study of Kenyan children. <i>BMC Infectious Diseases</i> , 2010, 10, 15.	1.3	46
59	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> , 2017, 88, 21-25.	1.6	44
60	Incidence and Clinical Characteristics of Group A Rotavirus Infections among Children Admitted to Hospital in Kilifi, Kenya. <i>PLoS Medicine</i> , 2008, 5, e153.	3.9	43
61	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> , 2001, 65, 373-380.	2.5	41
62	Improved Detection of Respiratory Viruses in Pediatric Outpatients with Acute Respiratory Illness by Real-Time PCR Using Nasopharyngeal Flocked Swabs: Table 1.. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3365-3367.	1.8	41
63	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> , 1996, 138, 101-130.	0.9	40
64	Sero-epidemiology of rubella in the urban population of Addis Ababa, Ethiopia. <i>Epidemiology and Infection</i> , 2000, 124, 467-479.	1.0	40
65	The association between age and the development of respiratory syncytial virus neutralising antibody responses following natural infection in infants. <i>Vaccine</i> , 2014, 32, 4726-4729.	1.7	39
66	Kinetics of the Neutralizing Antibody Response to Respiratory Syncytial Virus Infections in a Birth Cohort. <i>Journal of Medical Virology</i> , 2013, 85, 2020-2025.	2.5	37
67	Successive Respiratory Syncytial Virus Epidemics in Local Populations Arise from Multiple Variant Introductions, Providing Insights into Virus Persistence. <i>Journal of Virology</i> , 2015, 89, 11630-11642.	1.5	37
68	Estimation of the National Disease Burden of Influenza-Associated Severe Acute Respiratory Illness in Kenya and Guatemala: A Novel Methodology. <i>PLoS ONE</i> , 2013, 8, e56882.	1.1	36
69	Surveillance of respiratory viruses in the outpatient setting in rural coastal Kenya: baseline epidemiological observations. <i>Wellcome Open Research</i> , 2018, 3, 89.	0.9	36
70	Vaccine safety versus vaccine efficacy in mass immunisation programmes. <i>Lancet</i> , The, 1991, 338, 1309-1312.	6.3	35
71	Predictions of the emergence of vaccine-resistant hepatitis B in The Gambia using a mathematical model. <i>Epidemiology and Infection</i> , 2000, 124, 295-307.	1.0	35
72	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> , 1998, 3, 258-267.	1.0	34

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73	Defining the vaccination window for respiratory syncytial virus (RSV) using age-seroprevalence data for children in Kilifi, Kenya. <i>PLoS ONE</i> , 2017, 12, e0177803.	1.1	34
74	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> , 2009, 137, 227-233.	1.0	33
75	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> , 2013, 207, 489-492.	1.9	33
76	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> , 1999, 37, 391-395.	1.8	33
77	Improving sensitivity of oral fluid testing in IgG prevalence studies: application of mixture models to a rubella antibody survey. <i>Epidemiology and Infection</i> , 2003, 130, 285-291.	1.0	32
78	Molecular Evolutionary Dynamics of Respiratory Syncytial Virus Group A in Recurrent Epidemics in Coastal Kenya. <i>Journal of Virology</i> , 2016, 90, 4990-5002.	1.5	32
79	Tracking the introduction and spread of SARS-CoV-2 in coastal Kenya. <i>Nature Communications</i> , 2021, 12, 4809.	5.8	32
80	A simplified and standardized neutralization enzyme immunoassay for the quantification of measles neutralizing antibody. <i>Journal of Virological Methods</i> , 1999, 78, 209-217.	1.0	31
81	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> , 2012, 7, e47511.	1.1	31
82	Seroepidemiology of <i>Toxoplasma gondii</i> among pregnant women in different parts of Sweden. <i>European Journal of Epidemiology</i> , 1995, 11, 149-156.	2.5	30
83	Treatment Failure Among Kenyan Children With Severe Pneumonia—A Cohort Study. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, e152-e157.	1.1	30
84	Quantifying maternally derived respiratory syncytial virus specific neutralising antibodies in a birth cohort from coastal Kenya. <i>Vaccine</i> , 2015, 33, 1797-1801.	1.7	30
85	Airway response to respiratory syncytial virus has incidental antibacterial effects. <i>Nature Communications</i> , 2019, 10, 2218.	5.8	30
86	Rotavirus Genetic Diversity, Disease Association, and Temporal Change in Hospitalized Rural Kenyan Children. <i>Journal of Infectious Diseases</i> , 2010, 202, S180-S186.	1.9	28
87	Predicting the relative impacts of maternal and neonatal respiratory syncytial virus (RSV) vaccine target product profiles: A consensus modelling approach. <i>Vaccine</i> , 2017, 35, 403-409.	1.7	28
88	Impact of viral upper respiratory tract infection on the concentration of nasopharyngeal pneumococcal carriage among Kenyan children. <i>Scientific Reports</i> , 2018, 8, 11030.	1.6	28
89	Effectiveness of Monovalent Rotavirus Vaccine Against Hospitalization With Acute Rotavirus Gastroenteritis in Kenyan Children. <i>Clinical Infectious Diseases</i> , 2020, 70, 2298-2305.	2.9	28
90	Serological study of the epidemiology of mumps virus infection in north-west England. <i>Epidemiology and Infection</i> , 1990, 105, 175-195.	1.0	27

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91	Influenza Surveillance Among Children With Pneumonia Admitted to a District Hospital in Coastal Kenya, 2007–2010. <i>Journal of Infectious Diseases</i> , 2012, 206, S61-S67.	1.9	27
92	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> , 2018, 4, vey027.	2.2	27
93	Transmission patterns and evolution of respiratory syncytial virus in a community outbreak identified by genomic analysis. <i>Virus Evolution</i> , 2017, 3, vex006.	2.2	26
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> , 2018, 67, 1559-1567.	2.9	26
95	Measles Immunization Strategies for Countries with High Transmission Rates: Interim Guidelines Predicted Using a Mathematical Model. <i>International Journal of Epidemiology</i> , 1990, 19, 703-710.	0.9	25
96	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> , 1999, 83, 135-144.	1.0	25
97	Comparison of strain-specific antibody responses during primary and secondary infections with respiratory syncytial virus. <i>Journal of Medical Virology</i> , 2007, 79, 1943-1950.	2.5	25
98	Model-based estimates of transmission of respiratory syncytial virus within households. <i>Epidemics</i> , 2019, 27, 1-11.	1.5	25
99	The Incidence and Clinical Burden of Respiratory Syncytial Virus Disease Identified through Hospital Outpatient Presentations in Kenyan Children. <i>PLoS ONE</i> , 2012, 7, e52520.	1.1	23
100	Targeted hepatitis B vaccination—a cost effective immunisation strategy for the UK?. <i>Journal of Epidemiology and Community Health</i> , 1996, 50, 667-673.	2.0	22
101	Human metapneumovirus epidemiological and evolutionary patterns in Coastal Kenya, 2007-11. <i>BMC Infectious Diseases</i> , 2016, 16, 301.	1.3	21
102	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> , 2020, 70, 2306-2313.	2.9	21
103	Seroepidemiological study of the transmission of the mumps virus in St Lucia, West Indies. <i>Epidemiology and Infection</i> , 1989, 102, 147-160.	1.0	20
104	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> , 2019, 19, 757.	1.3	20
105	Proposal for Human Respiratory Syncytial Virus Nomenclature below the Species Level. <i>Emerging Infectious Diseases</i> , 2021, 27, 1-9.	2.0	20
106	Rotavirus within day care centres in Oxfordshire, UK: characterization of partial immunity. <i>Journal of the Royal Society Interface</i> , 2008, 5, 1481-1490.	1.5	19
107	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> , 2013, 7, 1008-1012.	1.5	19
108	Severe Lower Respiratory Tract Infection in Early Infancy and Pneumonia Hospitalizations among Children, Kenya. <i>Emerging Infectious Diseases</i> , 2013, 19, 223-229.	2.0	19

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109	Genomic analysis of respiratory syncytial virus infections in households and utility in inferring who infects the infant. <i>Scientific Reports</i> , 2019, 9, 10076.	1.6	19
110	Towards eradication of measles virus: global progress and strategy evaluation. <i>Veterinary Microbiology</i> , 1995, 44, 333-350.	0.8	17
111	Cohort Profile: The Kilifi Vaccine Monitoring Study. <i>International Journal of Epidemiology</i> , 2017, 46, dyw202.	0.9	17
112	An Intensive, Active Surveillance Reveals Continuous Invasion and High Diversity of Rhinovirus in Households. <i>Journal of Infectious Diseases</i> , 2019, 219, 1049-1057.	1.9	15
113	Surveillance of endemic human coronaviruses (HCoV-NL63, OC43 and 229E) associated with childhood pneumonia in Kilifi, Kenya. <i>Wellcome Open Research</i> , 2020, 5, 150.	0.9	15
114	Quantifying previous SARS-CoV-2 infection through mixture modelling of antibody levels. <i>Nature Communications</i> , 2021, 12, 6196.	5.8	15
115	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> , 2014, 14, 178.	1.3	14
116	Complete Genome Sequences of Dengue Virus Type 2 Strains from Kilifi, Kenya. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	14
117	Human rhinovirus spatial-temporal epidemiology in rural coastal Kenya, 2015-2016, observed through outpatient surveillance. <i>Wellcome Open Research</i> , 2018, 3, 128.	0.9	14
118	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> , 2008, 46, 1659-1662.	1.8	13
119	Inpatient Variation of the Respiratory Syncytial Virus Attachment Protein Gene. <i>Journal of Virology</i> , 2010, 84, 10425-10428.	1.5	13
120	Rotavirus group A genotype circulation patterns across Kenya before and after nationwide vaccine introduction, 2010–2018. <i>BMC Infectious Diseases</i> , 2020, 20, 504.	1.3	13
121	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> , 2016, 1, 27.	0.9	13
122	Evaluating the performance of tools used to call minority variants from whole genome short-read data. <i>Wellcome Open Research</i> , 2018, 3, 21.	0.9	13
123	Reducing respiratory syncytial virus (RSV) hospitalization in a lower-income country by vaccinating mothers-to-be and their households. <i>ELife</i> , 2020, 9, .	2.8	13
124	Model-Based Comparisons of Measles Immunization Strategies Using High Dose Edmonston-Zagreb Type Vaccines. <i>International Journal of Epidemiology</i> , 1991, 20, 1107-1117.	0.9	12
125	Application of mathematical models to the design of immunization strategies. <i>Reviews in Medical Microbiology</i> , 1993, 4, 1-7.	0.4	12
126	Untargeted analysis of the airway proteomes of children with respiratory infections using mass spectrometry based proteomics. <i>Scientific Reports</i> , 2018, 8, 13814.	1.6	12



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127	Molecular Epidemiology of Human Rhinovirus From 1-Year Surveillance Within a School Setting in Rural Coastal Kenya. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa385.	0.4	12
128	Respiratory syncytial virus seasonality in three epidemiological zones of Kenya. <i>Influenza and Other Respiratory Viruses</i> , 2021, 15, 195-201.	1.5	12
129	Epidemiology of COVID-19 infections on routine polymerase chain reaction (PCR) and serology testing in Coastal Kenya. <i>Wellcome Open Research</i> , 2022, 7, 69.	0.9	12
130	Seroepidemiology of group A rotavirus in suburban São Paulo, Brazil. <i>Epidemiology and Infection</i> , 1998, 120, 327-334.	1.0	11
131	Evolution of respiratory syncytial virus genotype BA in Kilifi, Kenya, 15 years on. <i>Scientific Reports</i> , 2020, 10, 21176.	1.6	11
132	Genetic characterization of influenza A(H3N2) viruses circulating in coastal Kenya, 2009-2017. <i>Influenza and Other Respiratory Viruses</i> , 2020, 14, 320-330.	1.5	11
133	Predicting and comparing long-term measles antibody profiles of different immunization policies. <i>Bulletin of the World Health Organization</i> , 2001, 79, 615-24.	1.5	11
134	Evaluating the performance of tools used to call minority variants from whole genome short-read data. <i>Wellcome Open Research</i> , 2018, 3, 21.	0.9	10
135	Human rhinovirus spatial-temporal epidemiology in rural coastal Kenya, 2015-2016, observed through outpatient surveillance. <i>Wellcome Open Research</i> , 2018, 3, 128.	0.9	10
136	Surveillance of respiratory viruses among children attending a primary school in rural coastal Kenya. <i>Wellcome Open Research</i> , 2020, 5, 63.	0.9	10
137	Seroepidemiology of measles in Addis Ababa, Ethiopia: implications for control through vaccination. <i>Epidemiology and Infection</i> , 2003, 130, 507-19.	1.0	10
138	Absence of relationship between <i>Schistosoma japonicum</i> and hepatitis B virus infection in the Dongting lake region, China. <i>Epidemiology and Infection</i> , 1998, 121, 193-195.	1.0	9
139	Measles IgG seroprevalence prior to mass vaccination in Taiwan. <i>International Journal of Infectious Diseases</i> , 2002, 6, 42-47.	1.5	9
140	Infection patterns of endemic human coronaviruses in rural households in coastal Kenya. <i>Wellcome Open Research</i> , 2021, 6, 27.	0.9	9
141	The Etiology of Pneumonia in HIV-uninfected Children in Kilifi, Kenya. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S29-S39.	1.1	9
142	Analysis of the relationship between immunogenicity and immunity for viral subunit vaccines. <i>Journal of Medical Virology</i> , 2001, 64, 560-568.	2.5	8
143	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> , 0, 6, 127.	0.9	8
144	Integrating epidemiological and genetic data with different sampling intensities into a dynamic model of respiratory syncytial virus transmission. <i>Scientific Reports</i> , 2021, 11, 1463.	1.6	8

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145	Multiple Introductions and Predominance of Rotavirus Group A Genotype G3P[8] in Kilifi, Coastal Kenya, 4 Years after Nationwide Vaccine Introduction. <i>Pathogens</i> , 2020, 9, 981.	1.2	7
146	Detection of SARS-CoV-2 variant 501Y.V2 in Comoros Islands in January 2021. <i>Wellcome Open Research</i> , 2021, 6, 192.	0.9	7
147	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> , 0, 1, 27.	0.9	7
148	Surveillance of respiratory viruses among children attending a primary school in rural coastal Kenya. <i>Wellcome Open Research</i> , 2020, 5, 63.	0.9	7
149	Serological and molecular epidemiology of measles virus outbreaks reported in Ethiopia during 2000–2004. <i>Journal of Medical Virology</i> , 2006, 78, 1648-1655.	2.5	6
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