Jonathan M Read

List of Publications by Year
in descending order

62 papers	6,767 citations	201575 27 h-index	128225 60 g-index
77 all docs	77 docs citations	77 times ranked	14903 citing authors

#	Article	IF	Citations
1	Features of 20,133 UK patients in hospital with covid-19 using the ISARIC WHO Clinical Characterisation Protocol: prospective observational cohort study. BMJ, The, 2020, 369, m1985.	3.0	2,474
2	Risk of mortality in patients infected with SARS-CoV-2 variant of concern 202012/1: matched cohort study. BMJ, The, 2021, 372, n579.	3.0	648
3	Dynamic social networks and the implications for the spread of infectious disease. Journal of the Royal Society Interface, 2008, 5, 1001-1007.	1.5	302
4	Efficacy of contact tracing for the containment of the 2019 novel coronavirus (COVID-19). Journal of Epidemiology and Community Health, 2020, 74, jech-2020-214051.	2.0	245
5	Disease evolution on networks: the role of contact structure. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 699-708.	1.2	187
6	Evidence for Antigenic Seniority in Influenza A (H3N2) Antibody Responses in Southern China. PLoS Pathogens, 2012, 8, e1002802.	2.1	184
7	Novel coronavirus 2019-nCoV (COVID-19): early estimation of epidemiological parameters and epidemic size estimates. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200265.	1.8	184
8	The potential impact of COVID-19-related disruption on tuberculosis burden. European Respiratory Journal, 2020, 56, 2001718.	3.1	166
9	Social mixing patterns in rural and urban areas of southern China. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140268.	1.2	132
10	Estimating the Life Course of Influenza A(H3N2) Antibody Responses from Cross-Sectional Data. PLoS Biology, 2015, 13, e1002082.	2.6	129
11	Enhancing disease surveillance with novel data streams: challenges and opportunities. EPJ Data Science, 2015, 4, .	1.5	119
12	Social encounter networks: characterizing Great Britain. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131037.	1.2	103
13	Social encounter networks: collective properties and disease transmission. Journal of the Royal Society Interface, 2012, 9, 2826-2833.	1.5	95
14	The Contribution of Social Behaviour to the Transmission of Influenza A in a Human Population. PLoS Pathogens, 2014, 10, e1004206.	2.1	84
15	Hospital-acquired SARS-CoV-2 infection in the UK's first COVID-19 pandemic wave. Lancet, The, 2021, 398, 1037-1038.	6.3	75
16	European red squirrel population dynamics driven by squirrelpox at a gray squirrel invasion interface. Ecology and Evolution, 2014, 4, 3788-3799.	0.8	63
17	Modelling the impact of local reactive school closures on critical care provision during an influenza pandemic. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2753-2760.	1.2	62
18	Epidemic prediction and control in weighted networks. Epidemics, 2009, 1, 70-76.	1.5	61

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19	Patterns of human social contact and contact with animals in Shanghai, China. Scientific Reports, 2019, 9, 15141.	1.6	61
20	A comparison of hemagglutination inhibition and neutralization assays for characterizing immunity to seasonal influenza A. Influenza and Other Respiratory Viruses, 2016, 10, 518-524.	1.5	57
21	Pneumococcal carriage in households in Karonga District, Malawi, before and after introduction of 13-valent pneumococcal conjugate vaccination. Vaccine, 2018, 36, 7369-7376.	1.7	54
22	Prevalence and risk factors of community-associated methicillin-resistant Staphylococcus aureus carriage in Asia-Pacific region from 2000 to 2016: a systematic review and meta-analysis. Clinical Epidemiology, 2018, Volume 10, 1489-1501.	1.5	50
23	Social contacts and the locations in which they occur as risk factors for influenza infection. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140709.	1.2	48
24	Temporal variation of human encounters and the number of locations in which they occur: a longitudinal study of Hong Kong residents. Journal of the Royal Society Interface, 2018, 15, 20170838.	1.5	38
25	Location-specific patterns of exposure to recent pre-pandemic strains of influenza A in southern China. Nature Communications, 2011, 2, 423.	5.8	36
26	Effectiveness of screening for Ebola at airports. Lancet, The, 2015, 385, 23-24.	6.3	32
27	Pneumococcal Acquisition Among Infants Exposed to HIV in Rural Malawi: A Longitudinal Household Study. American Journal of Epidemiology, 2016, 183, 70-78.	1.6	31
28	Disease evolution across a range of spatio-temporal scales. Theoretical Population Biology, 2006, 70, 201-213.	0.5	30
29	Who interacts with whom? Social mixing insights from a rural population in India. PLoS ONE, 2018, 13, e0209039.	1.1	26
30	Mapping social distancing measures to the reproduction number for COVID-19. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200276.	1.8	24
31	HeathMod: a model of the impact of seasonal grazing by sheep on upland heaths dominated by Calluna vulgaris (heather). Biological Conservation, 2002, 105, 279-292.	1.9	20
32	A systematic review of transmission dynamic studies of methicillin-resistant Staphylococcus aureus in non-hospital residential facilities. BMC Infectious Diseases, 2018, 18, 188.	1.3	20
33	Domestic River Water Use and Risk of Typhoid Fever: Results From a Case-control Study in Blantyre, Malawi. Clinical Infectious Diseases, 2019, 70, 1278-1284.	2.9	18
34	Childhood malaria case incidence in Malawi between 2004 and 2017: spatio-temporal modelling of climate and non-climate factors. Malaria Journal, 2020, 19, 5.	0.8	18
35	Life course exposures continually shape antibody profiles and risk of seroconversion to influenza. PLoS Pathogens, 2020, 16, e1008635.	2.1	15
36	Stochasticity generates an evolutionary instability for infectious disease. Ecology Letters, 2007, 10, 818-827.	3.0	12

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37	Reconstructing unseen transmission events to infer dengue dynamics from viral sequences. Nature Communications, 2021, 12, 1810.	5.8	12
38	The use and reporting of airline passenger data for infectious disease modelling: a systematic review. Eurosurveillance, 2019, 24, .	3.9	12
39	The spatiotemporal association of non-prescription retail sales with cases during the 2009 influenza pandemic in Great Britain. BMJ Open, 2014, 4, e004869.	0.8	11
40	Cohort Profile: A study of influenza immunity in the urban and rural Guangzhou region of China: the Fluscape Study. International Journal of Epidemiology, 2017, 46, dyv353.	0.9	11
41	Influenza and other respiratory viral infections associated with absence from school among schoolchildren in Pittsburgh, Pennsylvania, USA: a cohort study. BMC Infectious Diseases, 2021, 21, 291.	1.3	11
42	Primary care influenzaâ€like illness surveillance in Ho Chi Minh City, Vietnam 2013â€2015. Influenza and Other Respiratory Viruses, 2018, 12, 623-631.	1.5	10
43	Risk factors for UK Plasmodium falciparum cases. Malaria Journal, 2014, 13, 298.	0.8	9
44	Differential mobility and local variation in infection attack rate. PLoS Computational Biology, 2019, 15, e1006600.	1.5	9
45	Strong spatial embedding of social networks generates nonstandard epidemic dynamics independent of degree distribution and clustering. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23636-23642.	3.3	9
46	Spatial and Genomic Data to Characterize Endemic Typhoid Transmission. Clinical Infectious Diseases, 2022, 74, 1993-2000.	2.9	9
47	Using serological measures to estimate influenza incidence in the presence of secular trends in exposure and immunoâ€modulation of antibody response. Influenza and Other Respiratory Viruses, 2021, 15, 235-244.	1.5	8
48	The population attributable fraction of cases due to gatherings and groups with relevance to COVID-19 mitigation strategies. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200273.	1.8	8
49	Testing the hypothesis of preferential attachment in social network formation. EPJ Data Science, 2015, 4, 13.	1.5	7
50	Intestinal Perforations Associated With a High Mortality and Frequent Complications During an Epidemic of Multidrug-resistant Typhoid Fever in Blantyre, Malawi. Clinical Infectious Diseases, 2020, 71, S96-S101.	2.9	7
51	Mitigating bias in observational vaccine effectiveness studies using simulated comparator populations: Application to rotavirus vaccination in the UK. Vaccine, 2018, 36, 6674-6682.	1.7	6
52	Effectiveness of infection prevention and control interventions, excluding personal protective equipment, to prevent nosocomial transmission of SARS-CoV-2: a systematic review and call for action. Infection Prevention in Practice, 2022, 4, 100192.	0.6	6
53	Age-specific social mixing of school-aged children in a US setting using proximity detecting sensors and contact surveys. Scientific Reports, 2021, 11, 2319.	1.6	5
54	Coordinating the realâ€time use of global influenza activity data for better public health planning. Influenza and Other Respiratory Viruses, 2020, 14, 105-110.	1.5	4

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55	Modelling the impact of respiratory syncytial virus (RSV) vaccine and immunoprophylaxis strategies in New Zealand. Vaccine, 2021, 39, 4383-4390.	1.7	3
56	Trends, relationships and case attribution of antibiotic resistance between children and environmental sources in rural India. Scientific Reports, 2021, 11, 22599.	1.6	3
57	Estimating the potential for global dissemination of pandemic pathogens using the global airline network and healthcare development indices. Scientific Reports, 2022, 12, 3070.	1.6	2
58	Rainfall Anomalies and Typhoid Fever in Blantyre, Malawi. Epidemiology and Infection, 2022, , 1-22.	1.0	1
59	Life course exposures continually shape antibody profiles and risk of seroconversion to influenza. , 2020, 16, e1008635.		0
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