Ian Hall

List of Publications by Year
in descending order

50	1,139	566801 15	454577 30
papers	citations	h-index	g-index

61	61	61	1767
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The impact of unplanned school closure on childrenâ€™s social contact: rapid evidence review. Eurosurveillance, 2020, 25, .	3.9	105
2	Challenges in control of COVID-19: short doubling time and long delay to effect of interventions. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200264.	1.8	93
3	Modelling the global spread of diseases: A review of current practice and capability. Epidemics, 2018, 25, 1-8.	1.5	87
4	Real-time epidemic forecasting for pandemic influenza. Epidemiology and Infection, 2007, 135, 372-385.	1.0	81
5	Excess mortality for care home residents during the first 23 weeks of the COVID-19 pandemic in England: a national cohort study. BMC Medicine, 2021, 19, 71.	2.3	81
6	The Early Transmission Dynamics of H1N1pdm Influenza in the United Kingdom. PLOS Currents, 2009, 1, RRN1130.	1.4	76
7	Using statistics and mathematical modelling to understand infectious disease outbreaks: COVID-19 as an example. Infectious Disease Modelling, 2020, 5, 409-441.	1.2	61
8	National outbreak of Shiga toxin-producing Escherichia coli O157:H7 linked to mixed salad leaves, United Kingdom, 2016. Eurosurveillance, 2018, 23, .	3.9	44
9	Comparison of smallpox outbreak control strategies using a spatial metapopulation model. Epidemiology and Infection, 2007, 135, 1133-1144.	1.0	36
10	Estimating the Location and Spatial Extent of a Covert Anthrax Release. PLoS Computational Biology, 2009, 5, e1000356.	1.5	27
11	An analysis of influenza outbreaks in institutions and enclosed societies. Epidemiology and Infection, 2014, 142, 107-113.	1.0	27
12	Using a household-structured branching process to analyse contact tracing in the SARS-CoV-2 pandemic. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200267.	1.8	27
13	A dose and time response Markov model for the in-host dynamics of infection with intracellular bacteria following inhalation: with application toFrancisella tularensis. Journal of the Royal Society Interface, 2014, 11, 20140119.	1.5	24
14	Transmission dynamics of methicillin-resistant Staphylococcus aureus in a medical intensive care unit. Journal of the Royal Society Interface, 2012, 9, 2639-2652.	1.5	19
15	Modeling the factors that influence exposure to SARSâ€CoVâ€2 on a subway train carriage. Indoor Air, 2022, 32, e12976.	2.0	19
16	A human time dose response model for Q fever. Epidemics, 2017, 21, 30-38.	1.5	16
17	Growth, reproduction numbers and factors affecting the spread of SARS-CoV-2 novel variants of concern in the UK from October 2020 to July 2021: a modelling analysis. BMJ Open, 2021, 11, e056636.	0.8	16
18	Contingency planning for a deliberate release of smallpox in Great Britain - the role of geographical scale and contact structure. BMC Infectious Diseases, 2010, 10, 25.	1.3	14

#	Article	IF	Citations
19	Antibody Responses to Bordetella pertussis Fim2 or Fim3 following Immunization with a Whole-Cell, Two-Component, or Five-Component Acellular Pertussis Vaccine and following Pertussis Disease in Children in Sweden in 1997 and 2007. Vaccine Journal, 2014, 21, 165-173.	3.2	14
20	A systematic review and meta-analysis on the incubation period of Campylobacteriosis. Epidemiology and Infection, 2017, 145, 2241-2253.	1.0	14
21	SARS-CoV-2 antigen testing: weighing the false positives against the costs of failing to control transmission. Lancet Respiratory Medicine,the, 2021, 9, 685-687.	5.2	14
22	An individual-based simulation of pneumonic plague transmission following an outbreak and the significance of intervention compliance. Epidemics, 2011, 3, 95-102.	1.5	13
23	Barrow-in-Furness: a large community legionellosis outbreak in the UK. Epidemiology and Infection, 2014, 142, 1763-1777.	1.0	13
24	Perceptions and Reactions with Regard to Pneumonic Plague. Emerging Infectious Diseases, 2010, 16, 120-122.	2.0	12
25	Incubation period of typhoidal salmonellosis: a systematic review and meta-analysis of outbreaks and experimental studies occurring over the last century. BMC Infectious Diseases, 2018, 18, 483.	1.3	12
26	The use and reporting of airline passenger data for infectious disease modelling: a systematic review. Eurosurveillance, 2019, 24, .	3.9	12
27	Model-based analysis of an outbreak of bubonic plague in Cairo in 1801. Journal of the Royal Society Interface, 2017, 14, 20170160.	1.5	11
28	An agent-based model about the effects of fake news on a norovirus outbreak. Revue D'Epidemiologie Et De Sante Publique, 2020, 68, 99-107.	0.3	11
29	Agility and Sustainability: A Qualitative Evaluation of COVID-19 Non-pharmaceutical Interventions in the UK Logistics Sector. Frontiers in Public Health, 2022, 10, .	1.3	10
30	Re-assessment of mitigation strategies for deliberate releases of anthrax using a real-time outbreak characterization tool. Epidemics, 2010, 2, 189-194.	1.5	9
31	Using public health scenarios to predict the utility of a national syndromic surveillance programme during the 2012 London Olympic and Paralympic Games. Epidemiology and Infection, 2014, 142, 984-993.	1.0	8
32	Effectiveness of the BNT162b2 (Pfizer-BioNTech) and the ChAdOx1 nCoV-19 (Oxford-AstraZeneca) vaccines for reducing susceptibility to infection with the Delta variant (B.1.617.2) of SARS-CoV-2. BMC Infectious Diseases, 2022, 22, 270.	1.3	8
33	Pneumonic Plague in Johannesburg, South Africa, 1904. Emerging Infectious Diseases, 2018, 24, .	2.0	7
34	A caseâ€association cluster detection and visualisation tool with an application to Legionnairesâ€™ disease. Statistics in Medicine, 2013, 32, 3522-3538.	0.8	6
35	Strategies for Controlling Non-Transmissible Infection Outbreaks Using a Large Human Movement Data Set. PLoS Computational Biology, 2014, 10, e1003809.	1.5	6
36	Drumming-associated anthrax incidents: exposures to low levels of indoor environmental contamination. Epidemiology and Infection, 2018, 146, 1519-1525.	1.0	6

#	Article	IF	Citations
37	Outbreaks in care homes may lead to substantial disease burden if not mitigated. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200269.	1.8	6
38	Incubation Period of Shiga Toxinâ€“Producing Escherichia coli. Epidemiologic Reviews, 2019, 41, 121-129.	1.3	5
39	The Coalition and the UK Housing Market. Politics, 2011, 31, 72-81.	3.0	4
40	Within-host mathematical modelling of the incubation period ofSalmonellaTyphi. Royal Society Open Science, 2019, 6, 182143.	1.1	4
41	Dispersion of Legionella bacteria in atmosphere: A practical source location estimation method. PLoS ONE, 2019, 14, e0224144.	1.1	4
42	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
43	Doseâ€“Response Modeling: Extrapolating From Experimental Data to Realâ€World Populations. Risk Analysis, 2021, 41, 67-78.	1.5	4
44	The Effect of Viscosity on the Stability of Planar Vortices with Fine Structure. Quarterly Journal of Mechanics and Applied Mathematics, 2003, 56, 649-657.	0.5	3
45	A Position Paper on Improving Preparedness and Response of Health Services in Major Crises. Lecture Notes in Business Information Processing, 2015, , 205-216.	0.8	3
46	Methods for calculating credible intervals for ratios of beta distributions with application to relative risks of death during the second plague pandemic. PLoS ONE, 2019, 14, e0211633.	1.1	2
47	A Novel Method for Determining Infiltration of Mechanically Ventilated Buildings. Science and Technology for the Built Environment, 2020, 26, 250-256.	0.8	2
48	School Attendance Registers for the Syndromic Surveillance of Infectious Intestinal Disease in UK Children: Protocol for a Retrospective Analysis. JMIR Research Protocols, 2022, 11, e30078.	0.5	2
49	Catching clouds: Simultaneous optimization of the parameters of biological agent plumes using Dirichlet processes to best estimate infection source location. , 2017, , .		0
50	Modelling Emerging Viral Epidemics for Public Health Protection. Methods in Molecular Biology, 2010, 665, 435-465.	0.4	0