

Neil Ferguson

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

337
papers

35,983
citations

83
h-index

184
g-index

358
ext. papers

45,534
ext. citations

14.2
avg, IF

7.24
L-index

#	Paper	IF	Citations
337	Transmissibility of SARS-CoV-2 among fully vaccinated individuals - Authors' reply.. <i>Lancet Infectious Diseases, The</i> , 2022 , 22, 18-19	25.5	1
336	Covid-19 Vaccine Effectiveness against the Omicron (B.1.1.529) Variant.. <i>New England Journal of Medicine</i> , 2022 ,	59.2	224
335	Safety, tolerability and viral kinetics during SARS-CoV-2 human challenge in young adults.. <i>Nature Medicine</i> , 2022 ,	50.5	23
334	Inferring the reproduction number using the renewal equation in heterogeneous epidemics.. <i>Journal of the Royal Society Interface</i> , 2022 , 19, 20210429	4.1	1
333	Comparative analysis of the risks of hospitalisation and death associated with SARS-CoV-2 omicron (B.1.1.529) and delta (B.1.617.2) variants in England: a cohort study.. <i>Lancet, The</i> , 2022 ,	40	86
332	Optimizing social and economic activity while containing SARS-CoV-2 transmission using DAEDALUS. <i>Nature Computational Science</i> , 2022 , 2, 223-233		0
331	How can the public health impact of vaccination be estimated?. <i>BMC Public Health</i> , 2021 , 21, 2049	4.1	0
330	Communicating uncertainty in epidemic models. <i>Epidemics</i> , 2021 , 37, 100520	5.1	2
329	Broadening symptom criteria improves early case identification in SARS-CoV-2 contacts. <i>European Respiratory Journal</i> , 2021 ,	13.6	1
328	Under-reporting of deaths limits our understanding of true burden of covid-19. <i>BMJ, The</i> , 2021 , 375, n2239	5.9	13
327	Non-pharmaceutical interventions, vaccination, and the SARS-CoV-2 delta variant in England: a mathematical modelling study. <i>Lancet, The</i> , 2021 , 398, 1825-1835	40	30
326	Community transmission and viral load kinetics of the SARS-CoV-2 delta (B.1.617.2) variant in vaccinated and unvaccinated individuals in the UK: a prospective, longitudinal, cohort study. <i>Lancet Infectious Diseases, The</i> , 2021 ,	25.5	150
325	Clinical Characteristics and Predictors of Outcomes of Hospitalized Patients With Coronavirus Disease 2019 in a Multiethnic London National Health Service Trust: A Retrospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2021 , 73, e4047-e4057	11.6	52
324	Genomics and epidemiology of a novel SARS-CoV-2 lineage in Manaus, Brazil 2021 ,		53
323	Assessing transmissibility of SARS-CoV-2 lineage B.1.1.7 in England. <i>Nature</i> , 2021 , 593, 266-269	50.4	452
322	Age groups that sustain resurging COVID-19 epidemics in the United States. <i>Science</i> , 2021 , 371,	33.3	107
321	Leveraging community mortality indicators to infer COVID-19 mortality and transmission dynamics in Damascus, Syria. <i>Nature Communications</i> , 2021 , 12, 2394	17.4	17

320	Modelling intensive care unit capacity under different epidemiological scenarios of the COVID-19 pandemic in three Western European countries. <i>International Journal of Epidemiology</i> , 2021 , 50, 753-767	7.8	5
319	Genetic evidence for the association between COVID-19 epidemic severity and timing of non-pharmaceutical interventions. <i>Nature Communications</i> , 2021 , 12, 2188	17.4	11
318	Modelling the impact of the tier system on SARS-CoV-2 transmission in the UK between the first and second national lockdowns. <i>BMJ Open</i> , 2021 , 11, e050346	3	4
317	Genomics and epidemiology of the P.1 SARS-CoV-2 lineage in Manaus, Brazil. <i>Science</i> , 2021 , 372, 815-821	33.3	603
316	Within-country age-based prioritisation, global allocation, and public health impact of a vaccine against SARS-CoV-2: A mathematical modelling analysis. <i>Vaccine</i> , 2021 , 39, 2995-3006	4.1	22
315	Vaccines can save children with non-preventable diseases - Authors' reply. <i>Lancet, The</i> , 2021 , 397, 2251	40	
314	Fine-scale estimation of key life-history parameters of malaria vectors: implications for next-generation vector control technologies. <i>Parasites and Vectors</i> , 2021 , 14, 311	4	
313	Seasonality of agricultural exposure as an important predictor of seasonal yellow fever spillover in Brazil. <i>Nature Communications</i> , 2021 , 12, 3647	17.4	4
312	Key epidemiological drivers and impact of interventions in the 2020 SARS-CoV-2 epidemic in England. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	30
311	SARS-CoV-2 antibody dynamics and transmission from community-wide serological testing in the Italian municipality of Vo'. <i>Nature Communications</i> , 2021 , 12, 4383	17.4	12
310	Efficacy profile of the CYD-TDV dengue vaccine revealed by Bayesian survival analysis of individual-level phase III data. <i>ELife</i> , 2021 , 10,	8.9	1
309	Children's role in the COVID-19 pandemic: a systematic review of early surveillance data on susceptibility, severity, and transmissibility. <i>Scientific Reports</i> , 2021 , 11, 13903	4.9	12
308	COVID-19 and the difficulty of inferring epidemiological parameters from clinical data - Authors' reply. <i>Lancet Infectious Diseases, The</i> , 2021 , 21, 28	25.5	6
307	Database of epidemic trends and control measures during the first wave of COVID-19 in mainland China. <i>International Journal of Infectious Diseases</i> , 2021 , 102, 463-471	10.5	3
306	Estimating the health impact of vaccination against ten pathogens in 98 low-income and middle-income countries from 2000 to 2030: a modelling study. <i>Lancet, The</i> , 2021 , 397, 398-408	40	51
305	The J-IDEA Pandemic Planner: A Framework for Implementing Hospital Provision Interventions During the COVID-19 Pandemic. <i>Medical Care</i> , 2021 , 59, 371-378	3.1	4
304	Deriving fine-scale models of human mobility from aggregated origin-destination flow data. <i>PLoS Computational Biology</i> , 2021 , 17, e1008588	5	
303	Reduction in mobility and COVID-19 transmission. <i>Nature Communications</i> , 2021 , 12, 1090	17.4	142

302	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Setting-specific Transmission Rates: A Systematic Review and Meta-analysis. <i>Clinical Infectious Diseases</i> , 2021 , 73, e754-e764	11.6	60
301	Resurgence of COVID-19 in Manaus, Brazil, despite high seroprevalence. <i>Lancet, The</i> , 2021 , 397, 452-455	40	481
300	The global burden of yellow fever. <i>ELife</i> , 2021 , 10,	8.9	21
299	Lives saved with vaccination for 10 pathogens across 112 countries in a pre-COVID-19 world. <i>ELife</i> , 2021 , 10,	8.9	12
298	Optimal national prioritization policies for hospital care during the SARS-CoV-2 pandemic. <i>Nature Computational Science</i> , 2021 , 1, 521-531		4
297	Comparing the responses of the UK, Sweden and Denmark to COVID-19 using counterfactual modelling. <i>Scientific Reports</i> , 2021 , 11, 16342	4.9	5
296	The impact of a COVID-19 lockdown on work productivity under good and poor compliance. <i>European Journal of Public Health</i> , 2021 , 31, 1009-1015	2.1	0
295	Changing composition of SARS-CoV-2 lineages and rise of Delta variant in England. <i>EClinicalMedicine</i> , 2021 , 39, 101064	11.3	54
294	The impact of the COVID-19 pandemic on patterns of attendance at emergency departments in two large London hospitals: an observational study. <i>BMC Health Services Research</i> , 2021 , 21, 1008	2.9	3
293	Seasonal and inter-annual drivers of yellow fever transmission in South America. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0008974	4.8	2
292	Reply to: The effect of interventions on COVID-19. <i>Nature</i> , 2020 , 588, E29-E32	50.4	3
291	Host or pathogen-related factors in COVID-19 severity? - Authors' reply. <i>Lancet, The</i> , 2020 , 396, 1397	40	2
290	Eliminating yellow fever epidemics in Africa: Vaccine demand forecast and impact modelling. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008304	4.8	10
289	The impact of COVID-19 and strategies for mitigation and suppression in low- and middle-income countries. <i>Science</i> , 2020 , 369, 413-422	33.3	440
288	Have deaths from COVID-19 in Europe plateaued due to herd immunity?. <i>Lancet, The</i> , 2020 , 395, e110-e111	11	53
287	Spatiotemporal variability in dengue transmission intensity in Jakarta, Indonesia. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008102	4.8	6
286	Systematic selection between age and household structure for models aimed at emerging epidemic predictions. <i>Nature Communications</i> , 2020 , 11, 906	17.4	21
285	Using cluster analysis to reconstruct dengue exposure patterns from cross-sectional serological studies in Singapore. <i>Parasites and Vectors</i> , 2020 , 13, 32	4	4

284	Mapping global variation in dengue transmission intensity. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	64
283	Estimates of the severity of coronavirus disease 2019: a model-based analysis. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 669-677	25.5	2101
282	Adoption and impact of non-pharmaceutical interventions for COVID-19. <i>Wellcome Open Research</i> , 2020 , 5, 59	4.8	62
281	Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. <i>Wellcome Open Research</i> , 2020 , 5, 81	4.8	45
280	Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. <i>Wellcome Open Research</i> , 2020 , 5, 81	4.8	57
279	Anonymised and aggregated crowd level mobility data from mobile phones suggests that initial compliance with COVID-19 social distancing interventions was high and geographically consistent across the UK. <i>Wellcome Open Research</i> , 2020 , 5, 170	4.8	36
278	Reproducible parallel inference and simulation of stochastic state space models using odin, dust, and mcstate. <i>Wellcome Open Research</i> , 2020 , 5, 288	4.8	2
277	Early Insights from Statistical and Mathematical Modeling of Key Epidemiologic Parameters of COVID-19. <i>Emerging Infectious Diseases</i> , 2020 , 26, e1-e14	10.2	29
276	The effect of climate change on yellow fever disease burden in Africa. <i>ELife</i> , 2020 , 9,	8.9	16
275	Estimating the effects of non-pharmaceutical interventions on COVID-19 in Europe. <i>Nature</i> , 2020 , 584, 257-261	50.4	1469
274	Potential impact of the COVID-19 pandemic on HIV, tuberculosis, and malaria in low-income and middle-income countries: a modelling study. <i>The Lancet Global Health</i> , 2020 , 8, e1132-e1141	13.6	307
273	State-level tracking of COVID-19 in the United States. <i>Nature Communications</i> , 2020 , 11, 6189	17.4	54
272	Evolution and epidemic spread of SARS-CoV-2 in Brazil. <i>Science</i> , 2020 , 369, 1255-1260	33.3	277
271	Suppression of a SARS-CoV-2 outbreak in the Italian municipality of Vo'. <i>Nature</i> , 2020 , 584, 425-429	50.4	631
270	Adapting hospital capacity to meet changing demands during the COVID-19 pandemic. <i>BMC Medicine</i> , 2020 , 18, 329	11.4	53
269	Response to COVID-19 in South Korea and implications for lifting stringent interventions. <i>BMC Medicine</i> , 2020 , 18, 321	11.4	66
268	SARS-CoV-2 infection prevalence on repatriation flights from Wuhan City, China. <i>Journal of Travel Medicine</i> , 2020 , 27,	12.9	4
267	Comparison of molecular testing strategies for COVID-19 control: a mathematical modelling study. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 1381-1389	25.5	102

266	Estimating the number of undetected COVID-19 cases among travellers from mainland China. <i>Wellcome Open Research</i> , 2020 , 5, 143	4.8	2
265	Spatiotemporal variability in dengue transmission intensity in Jakarta, Indonesia 2020 , 14, e0008102		
264	Spatiotemporal variability in dengue transmission intensity in Jakarta, Indonesia 2020 , 14, e0008102		
263	Spatiotemporal variability in dengue transmission intensity in Jakarta, Indonesia 2020 , 14, e0008102		
262	A systematic review of MERS-CoV seroprevalence and RNA prevalence in dromedary camels: Implications for animal vaccination. <i>Epidemics</i> , 2019 , 29, 100350	5.1	24
261	POLICI: A web application for visualising and extracting yellow fever vaccination coverage in Africa. <i>Vaccine</i> , 2019 , 37, 1384-1388	4.1	9
260	Bayesian inference of transmission chains using timing of symptoms, pathogen genomes and contact data. <i>PLoS Computational Biology</i> , 2019 , 15, e1006930	5	29
259	Fine-scale modelling finds that breeding site fragmentation can reduce mosquito population persistence. <i>Communications Biology</i> , 2019 , 2, 273	6.7	6
258	Cross-serotype interactions and disease outcome prediction of dengue infections in Vietnam. <i>Scientific Reports</i> , 2019 , 9, 9395	4.9	18
257	Deliberations of the Strategic Advisory Group of Experts on Immunization on the use of CYD-TDV dengue vaccine. <i>Lancet Infectious Diseases</i> , 2019 , 19, e31-e38	25.5	76
256	A simple approach to measure transmissibility and forecast incidence. <i>Epidemics</i> , 2018 , 22, 29-35	5.1	41
255	Challenges and opportunities in controlling mosquito-borne infections. <i>Nature</i> , 2018 , 559, 490-497	50.4	56
254	Cluster-Randomized Test-Negative Design Trials: A Novel and Efficient Method to Assess the Efficacy of Community-Level Dengue Interventions. <i>American Journal of Epidemiology</i> , 2018 , 187, 2021-2028	3.8	12
253	When are pathogen genome sequences informative of transmission events?. <i>PLoS Pathogens</i> , 2018 , 14, e1006885	7.6	69
252	The seasonal influence of climate and environment on yellow fever transmission across Africa. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006284	4.8	48
251	Using Wolbachia for Dengue Control: Insights from Modelling. <i>Trends in Parasitology</i> , 2018 , 34, 102-113	6.4	55
250	A trade-off between dry season survival longevity and wet season high net reproduction can explain the persistence of Anopheles mosquitoes. <i>Parasites and Vectors</i> , 2018 , 11, 576	4	11
249	outbreaker2: a modular platform for outbreak reconstruction. <i>BMC Bioinformatics</i> , 2018 , 19, 363	3.6	30

248	Refined efficacy estimates of the Sanofi Pasteur dengue vaccine CYD-TDV using machine learning. <i>Nature Communications</i> , 2018 , 9, 3644	17.4	12
247	Mathematical models of human mobility of relevance to malaria transmission in Africa. <i>Scientific Reports</i> , 2018 , 8, 7713	4.9	24
246	Outbreak of Ebola virus disease in the Democratic Republic of the Congo, April-May, 2018: an epidemiological study. <i>Lancet, The</i> , 2018 , 392, 213-221	4.0	66
245	Targeting vaccinations for the licensed dengue vaccine: Considerations for serosurvey design. <i>PLoS ONE</i> , 2018 , 13, e0199450	3.7	6
244	Repurposing isoxazoline veterinary drugs for control of vector-borne human diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E6920-E6926	11.5	39
243	Heterogeneities in the case fatality ratio in the West African Ebola outbreak 2013-2016. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017 , 372,	5.8	66
242	Key data for outbreak evaluation: building on the Ebola experience. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017 , 372,	5.8	52
241	Immune correlates of protection for dengue: State of the art and research agenda. <i>Vaccine</i> , 2017 , 35, 4659-4669	4.1	55
240	International risk of yellow fever spread from the ongoing outbreak in Brazil, December 2016 to May 2017. <i>Eurosurveillance</i> , 2017 , 22,	19.8	32
239	Benefits and risks of the Sanofi-Pasteur dengue vaccine: Modeling optimal deployment. <i>Science</i> , 2016 , 353, 1033-1036	33.3	153
238	Assessing the global threat from Zika virus. <i>Science</i> , 2016 , 353, aaf8160	33.3	235
237	EPIDEMIOLOGY. Countering the Zika epidemic in Latin America. <i>Science</i> , 2016 , 353, 353-4	33.3	191
236	Estimating the most efficient allocation of interventions to achieve reductions in Plasmodium falciparum malaria burden and transmission in Africa: a modelling study. <i>The Lancet Global Health</i> , 2016 , 4, e474-84	13.6	83
235	Estimating malaria transmission intensity from Plasmodium falciparum serological data using antibody density models. <i>Malaria Journal</i> , 2016 , 15, 79	3.6	27
234	Key traveller groups of relevance to spatial malaria transmission: a survey of movement patterns in four sub-Saharan African countries. <i>Malaria Journal</i> , 2016 , 15, 200	3.6	33
233	Ebola Virus Disease among Male and Female Persons in West Africa. <i>New England Journal of Medicine</i> , 2016 , 374, 96-8	59.2	48
232	Estimating the Severity and Subclinical Burden of Middle East Respiratory Syndrome Coronavirus Infection in the Kingdom of Saudi Arabia. <i>American Journal of Epidemiology</i> , 2016 , 183, 657-63	3.8	32
231	A systematic review of reported reassortant viral lineages of influenza A. <i>BMC Infectious Diseases</i> , 2016 , 16, 3	4	10

230	Model-Based Comprehensive Analysis of School Closure Policies for Mitigating Influenza Epidemics and Pandemics. <i>PLoS Computational Biology</i> , 2016 , 12, e1004681	5	34
229	Modelling Virus and Antibody Dynamics during Dengue Virus Infection Suggests a Role for Antibody in Virus Clearance. <i>PLoS Computational Biology</i> , 2016 , 12, e1004951	5	27
228	Exposure Patterns Driving Ebola Transmission in West Africa: A Retrospective Observational Study. <i>PLoS Medicine</i> , 2016 , 13, e1002170	11.6	56
227	The Ecological Dynamics of Fecal Contamination and Salmonella Typhi and Salmonella Paratyphi A in Municipal Kathmandu Drinking Water. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004346	4.8	51
226	Estimating Dengue Transmission Intensity from Case-Notification Data from Multiple Countries. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004833	4.8	26
225	The Long-Term Safety, Public Health Impact, and Cost-Effectiveness of Routine Vaccination with a Recombinant, Live-Attenuated Dengue Vaccine (Dengvaxia): A Model Comparison Study. <i>PLoS Medicine</i> , 2016 , 13, e1002181	11.6	127
224	A Meta-Analysis of Serological Response Associated with Yellow Fever Vaccination. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016 , 95, 1435-1439	3.2	22
223	Use of serological surveys to generate key insights into the changing global landscape of infectious disease. <i>Lancet, The</i> , 2016 , 388, 728-30	40	146
222	How would a decision to leave the European Union affect medical research and health in the United Kingdom?. <i>Journal of the Royal Society of Medicine</i> , 2016 , 109, 216-218	2.3	2
221	Unraveling the drivers of MERS-CoV transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 9081-6	11.5	72
220	After Ebola in West Africa--Unpredictable Risks, Preventable Epidemics. <i>New England Journal of Medicine</i> , 2016 , 375, 587-96	59.2	172
219	Modelling the immunological response to a tetravalent dengue vaccine from multiple phase-2 trials in Latin America and South East Asia. <i>Vaccine</i> , 2015 , 33, 3746-51	4.1	31
218	West African Ebola epidemic after one year--slowing but not yet under control. <i>New England Journal of Medicine</i> , 2015 , 372, 584-7	59.2	153
217	Estimating dengue transmission intensity from sero-prevalence surveys in multiple countries. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003719	4.8	60
216	Differential efficacy of dengue vaccine by immune status. <i>Lancet, The</i> , 2015 , 385, 1726	40	11
215	Malaria morbidity and mortality in Ebola-affected countries caused by decreased health-care capacity, and the potential effect of mitigation strategies: a modelling analysis. <i>Lancet Infectious Diseases, The</i> , 2015 , 15, 825-32	25.5	111
214	Ebola virus disease among children in West Africa. <i>New England Journal of Medicine</i> , 2015 , 372, 1274-7	59.2	100
213	A change in vaccine efficacy and duration of protection explains recent rises in pertussis incidence in the United States. <i>PLoS Computational Biology</i> , 2015 , 11, e1004138	5	71

212	A review of epidemiological parameters from Ebola outbreaks to inform early public health decision-making. <i>Scientific Data</i> , 2015 , 2, 150019	8.2	89
211	Assessing the epidemiological effect of wolbachia for dengue control. <i>Lancet Infectious Diseases, The</i> , 2015 , 15, 862-6	25.5	52
210	Modeling the impact on virus transmission of Wolbachia-mediated blocking of dengue virus infection of <i>Aedes aegypti</i> . <i>Science Translational Medicine</i> , 2015 , 7, 279ra37	17.5	165
209	The role of rapid diagnostics in managing Ebola epidemics. <i>Nature</i> , 2015 , 528, S109-16	50.4	79
208	Potential Biases in Estimating Absolute and Relative Case-Fatality Risks during Outbreaks. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003846	4.8	124
207	OutbreakTools: a new platform for disease outbreak analysis using the R software. <i>Epidemics</i> , 2014 , 7, 28-34	5.1	32
206	Middle East respiratory syndrome coronavirus: quantification of the extent of the epidemic, surveillance biases, and transmissibility. <i>Lancet Infectious Diseases, The</i> , 2014 , 14, 50-56	25.5	231
205	Identification of MERS-CoV in dromedary camels. <i>Lancet Infectious Diseases, The</i> , 2014 , 14, 93-4	25.5	30
204	Novel microscale approaches for easy, rapid determination of protein stability in academic and commercial settings. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014 , 1844, 2241-50	4	46
203	Ebola virus disease in West Africa--the first 9 months of the epidemic and forward projections. <i>New England Journal of Medicine</i> , 2014 , 371, 1481-95	59.2	1159
202	How season and serotype determine dengue transmissibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 9370-1	11.5	5
201	Contrasting benefits of different artemisinin combination therapies as first-line malaria treatments using model-based cost-effectiveness analysis. <i>Nature Communications</i> , 2014 , 5, 5606	17.4	62
200	Bayesian reconstruction of disease outbreaks by combining epidemiologic and genomic data. <i>PLoS Computational Biology</i> , 2014 , 10, e1003457	5	142
199	Yellow Fever in Africa: estimating the burden of disease and impact of mass vaccination from outbreak and serological data. <i>PLoS Medicine</i> , 2014 , 11, e1001638	11.6	179
198	Determinants of influenza transmission in South East Asia: insights from a household cohort study in Vietnam. <i>PLoS Pathogens</i> , 2014 , 10, e1004310	7.6	28
197	Estimates of the changing age-burden of Plasmodium falciparum malaria disease in sub-Saharan Africa. <i>Nature Communications</i> , 2014 , 5, 3136	17.4	133
196	Optimizing the precision of case fatality ratio estimates under the surveillance pyramid approach. <i>American Journal of Epidemiology</i> , 2014 , 180, 1036-46	3.8	9
195	Within-host viral dynamics of dengue serotype 1 infection. <i>Journal of the Royal Society Interface</i> , 2014 , 11,	4.1	68

194	Large-scale production and structural and biophysical characterizations of the human hepatitis B virus polymerase. <i>Journal of Virology</i> , 2014 , 88, 2584-99	6.6	21
193	Comparative community burden and severity of seasonal and pandemic influenza: results of the Flu Watch cohort study. <i>Lancet Respiratory Medicine</i> , 2014 , 2, 445-54	35.1	266
192	Estimating Potential Incidence of MERS-CoV Associated with Hajj Pilgrims to Saudi Arabia, 2014. <i>PLOS Currents</i> , 2014 , 6,		27
191	Infectious disease: tough choices to reduce Ebola transmission. <i>Nature</i> , 2014 , 515, 192-4	50.4	40
190	The hepatitis B virus preS1 domain hijacks host trafficking proteins by motif mimicry. <i>Nature Chemical Biology</i> , 2013 , 9, 540-7	11.7	21
189	Worldwide transmission and seasonal variation of pandemic influenza A(H1N1)2009 virus activity during the 2009-2010 pandemic. <i>Influenza and Other Respiratory Viruses</i> , 2013 , 7, 1328-35	5.6	12
188	Transmission dynamics of the 2009 influenza A (H1N1) pandemic in India: the impact of holiday-related school closure. <i>Epidemics</i> , 2013 , 5, 157-63	5.1	27
187	Thermodynamic origins of protein folding, allostery, and capsid formation in the human hepatitis B virus core protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E2782-91	11.5	54
186	Using routine surveillance data to estimate the epidemic potential of emerging zoonoses: application to the emergence of US swine origin influenza A H3N2v virus. <i>PLoS Medicine</i> , 2013 , 10, e1001399	11.6	38
185	A new framework and software to estimate time-varying reproduction numbers during epidemics. <i>American Journal of Epidemiology</i> , 2013 , 178, 1505-12	3.8	648
184	Multiple contributory factors to the age distribution of disease cases: a modeling study in the context of influenza A(H3N2v). <i>Clinical Infectious Diseases</i> , 2013 , 57 Suppl 1, S23-7	11.6	10
183	Increased transmissibility explains the third wave of infection by the 2009 H1N1 pandemic virus in England. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 13422-7	11.5	51
182	Improving influenza vaccine virus selection: report of a WHO informal consultation held at WHO headquarters, Geneva, Switzerland, 14-16 June 2010. <i>Influenza and Other Respiratory Viruses</i> , 2013 , 7 Suppl 2, 52-3	5.6	7
181	Estimating air temperature and its influence on malaria transmission across Africa. <i>PLoS ONE</i> , 2013 , 8, e56487	3.7	37
180	Parameters for the mathematical modelling of Clostridium difficile acquisition and transmission: a systematic review. <i>PLoS ONE</i> , 2013 , 8, e84224	3.7	11
179	Transmission scenarios for Middle East Respiratory Syndrome Coronavirus (MERS-CoV) and how to tell them apart. <i>Eurosurveillance</i> , 2013 , 18,	19.8	74
178	Transmission scenarios for Middle East Respiratory Syndrome Coronavirus (MERS-CoV) and how to tell them apart. <i>Eurosurveillance</i> , 2013 , 18,	19.8	73
177	Improving influenza vaccine virus selection: report of a WHO informal consultation held at WHO headquarters, Geneva, Switzerland, 14-16 June 2010. <i>Influenza and Other Respiratory Viruses</i> , 2012 , 6, 142-52, e1-5	5.6	55

176	Within-farm transmission dynamics of foot and mouth disease as revealed by the 2001 epidemic in Great Britain. <i>Epidemics</i> , 2012 , 4, 158-69	5.1	31
175	Pre-existing immunity in human challenge studies of influenza transmission [Authors' reply. <i>Lancet Infectious Diseases</i> , 2012 , 12, 744-745	25.5	1
174	Transmission dynamics, border entry screening, and school holidays during the 2009 influenza A (H1N1) pandemic, China. <i>Emerging Infectious Diseases</i> , 2012 , 18, 758-66	10.2	42
173	Influenza infection rates, measurement errors and the interpretation of paired serology. <i>PLoS Pathogens</i> , 2012 , 8, e1003061	7.6	64
172	Evaluating the adequacy of gravity models as a description of human mobility for epidemic modelling. <i>PLoS Computational Biology</i> , 2012 , 8, e1002699	5	68
171	Epidemic and intervention modelling--a scientific rationale for policy decisions? Lessons from the 2009 influenza pandemic. <i>Bulletin of the World Health Organization</i> , 2012 , 90, 306-10	8.2	52
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