Christl A Donnelly

List of Publications by Year
in descending order

343 papers	41,906 citations	6613 79 h-index	3323 184 g-index
419 all docs	419 docs citations	419 times ranked	50363 citing authors

#	Article	IF	Citations
1	Measuring Vaccine Efficacy Against Infection and Disease in Clinical Trials: Sources and Magnitude of Bias in Coronavirus Disease 2019 (COVID-19) Vaccine Efficacy Estimates. Clinical Infectious Diseases, 2022, 75, e764-e773.	5.8	5
2	SARS-CoV-2 infection and vaccine effectiveness in England (REACT-1): a series of cross-sectional random community surveys. Lancet Respiratory Medicine,the, 2022, 10, 355-366.	10.7	39
3	Rapid increase in Omicron infections in England during December 2021: REACT-1 study. Science, 2022, 375, 1406-1411.	12.6	99
4	Population antibody responses following COVID-19 vaccination in 212,102 individuals. Nature Communications, 2022, 13, 907.	12.8	94
5	Global, regional, and national minimum estimates of children affected by COVID-19-associated orphanhood and caregiver death, by age and family circumstance up to Oct 31, 2021: an updated modelling study. The Lancet Child and Adolescent Health, 2022, 6, 249-259.	5.6	46
6	Clinical characteristics, risk factors and outcomes in patients with severe COVID-19 registered in the International Severe Acute Respiratory and Emerging Infection Consortium WHO clinical characterisation protocol: a prospective, multinational, multicentre, observational study. ERJ Open Research, 2022, 8, 00552-2021.	2.6	33
7	Fundamental limits on inferring epidemic resurgence in real time using effective reproduction numbers. PLoS Computational Biology, 2022, 18, e1010004.	3.2	11
8	Breakthrough SARS-CoV-2 infections in double and triple vaccinated adults and single dose vaccine effectiveness among children in Autumn 2021 in England: REACT-1 study. EClinicalMedicine, 2022, 48, 101419.	7.1	8
9	Analysis of a double Poisson model for predicting football results in Euro 2020. PLoS ONE, 2022, 17, e0268511.	2.5	3
10	Twin peaks: The Omicron SARS-CoV-2 BA.1 and BA.2 epidemics in England. Science, 2022, 376, .	12.6	78
11	Are Epidemic Growth Rates More Informative than Reproduction Numbers?. Journal of the Royal Statistical Society Series A: Statistics in Society, 2022, 185, S5-S15.	1.1	23
12	Appropriately smoothing prevalence data to inform estimates of growth rate and reproduction number. Epidemics, 2022, 40, 100604.	3.0	15
13	A Comparative Analysis of Statistical Methods to Estimate the Reproduction Number in Emerging Epidemics, With Implications for the Current Coronavirus Disease 2019 (COVID-19) Pandemic. Clinical Infectious Diseases, 2021, 73, e215-e223.	5.8	28
14	COVID-19 and the difficulty of inferring epidemiological parameters from clinical data â€“ Authors' reply. Lancet Infectious Diseases, The, 2021, 21, 28.	9.1	10
15	Serial interval distribution of SARS-CoV-2 infection in Brazil. Journal of Travel Medicine, 2021, 28, .	3.0	32
16	Database of epidemic trends and control measures during the first wave of COVID-19 in mainland China. International Journal of Infectious Diseases, 2021, 102, 463-471.	3.3	12
17	The J-IDEA Pandemic Planner. Medical Care, 2021, 59, 371-378.	2.4	7
18	SARS-CoV-2 antibody prevalence in England following the first peak of the pandemic. Nature Communications, 2021, 12, 905.	12.8	168

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19	Reduction in mobility and COVID-19 transmission. Nature Communications, 2021, 12, 1090.	12.8	394
20	Early Transmission Dynamics, Spread, and Genomic Characterization of SARS-CoV-2 in Panama. Emerging Infectious Diseases, 2021, 27, 612-615.	4.3	24
21	Successive use of shared space by badgers and cattle: implications for Mycobacterium bovis transmission. Journal of Zoology, 2021, 314, 132-142.	1.7	5
22	Better educational signage could reduce disturbance of resting dolphins. PLoS ONE, 2021, 16, e0248732.	2.5	2
23	Modelling intensive care unit capacity under different epidemiological scenarios of the COVID-19 pandemic in three Western European countries. International Journal of Epidemiology, 2021, 50, 753-767.	1.9	24
24	Genetic evidence for the association between COVID-19 epidemic severity and timing of non-pharmaceutical interventions. Nature Communications, 2021, 12, 2188.	12.8	23
25	Resurgence of SARS-CoV-2: Detection by community viral surveillance. Science, 2021, 372, 990-995.	12.6	91
26	Interventions targeting non-symptomatic cases can be important to prevent local outbreaks: SARS-CoV-2 as a case study. Journal of the Royal Society Interface, 2021, 18, 20201014.	3.4	25
27	Prevalence of antibody positivity to SARS-CoV-2 following the first peak of infection in England: Serial cross-sectional studies of 365,000 adults. Lancet Regional Health - Europe, The, 2021, 4, 100098.	5.6	91
28	Descriptive analysis of surveillance data for Zika virus disease and Zika virus-associated neurological complications in Colombia, 2015â€“2017. PLoS ONE, 2021, 16, e0252236.	2.5	6
29	Key epidemiological drivers and impact of interventions in the 2020 SARS-CoV-2 epidemic in England. Science Translational Medicine, 2021, 13, .	12.4	89
30	SARS-CoV-2 antibody dynamics and transmission from community-wide serological testing in the Italian municipality of Voâ€™. Nature Communications, 2021, 12, 4383.	12.8	33
31	Modelling the influence of naturally acquired immunity from subclinical infection on outbreak dynamics and persistence of rabies in domestic dogs. PLoS Neglected Tropical Diseases, 2021, 15, e0009581.	3.0	3
32	Spatial and temporal invasion dynamics of the 2014â€“2017 Zika and chikungunya epidemics in Colombia. PLoS Computational Biology, 2021, 17, e1009174.	3.2	5
33	Global minimum estimates of children affected by COVID-19-associated orphanhood and deaths of caregivers: a modelling study. Lancet, The, 2021, 398, 391-402.	13.7	172
34	Reservoir dynamics of rabies in southâ€east Tanzania and the roles of crossâ€species transmission and domestic dog vaccination. Journal of Applied Ecology, 2021, 58, 2673-2685.	4.0	10
35	Comparing the responses of the UK, Sweden and Denmark to COVID-19 using counterfactual modelling. Scientific Reports, 2021, 11, 16342.	3.3	26
36	Comparison of machine learning methods for estimating case fatality ratios: An Ebola outbreak simulation study. PLoS ONE, 2021, 16, e0257005.	2.5	1

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37	Identifying counties at risk of high overdose mortality burden during the emerging fentanyl epidemic in the USA: a predictive statistical modelling study. Lancet Public Health, The, 2021, 6, e720-e728.	10.0	22
38	Geographical drivers and climate-linked dynamics of Lassa fever in Nigeria. Nature Communications, 2021, 12, 5759.	12.8	30
39	A Quantitative Framework for Defining the End of an Infectious Disease Outbreak: Application to Ebola Virus Disease. American Journal of Epidemiology, 2021, 190, 642-651.	3.4	17
40	Transmission of community- and hospital-acquired SARS-CoV-2 in hospital settings in the UK: A cohort study. PLoS Medicine, 2021, 18, e1003816.	8.4	35
41	Disease transmission and control modelling at the scienceâ€"policy interface. Interface Focus, 2021, 11, 20210013.	3.0	12
42	Estimating vaccination threshold and impact in the 2017â€"2019 hepatitis A virus outbreak among persons experiencing homelessness or who use drugs in Louisville, Kentucky, United States. Vaccine, 2021, 39, 7182-7190.	3.8	7
43	COVID-19â€"Associated Orphanhood andÂCaregiver Death in the UnitedÂStates. Pediatrics, 2021, 148, .	2.1	129
44	Exponential growth, high prevalence of SARS-CoV-2, and vaccine effectiveness associated with the Delta variant. Science, 2021, 374, eabl9551.	12.6	111
45	Communicating uncertainty in epidemic models. Epidemics, 2021, 37, 100520.	3.0	9
46	Ten months of temporal variation in the clinical journey of hospitalised patients with COVID-19: An observational cohort. ELife, 2021, 10, .	6.0	9
47	Deciphering early-warning signals of SARS-CoV-2 elimination and resurgence from limited data at multiple scales. Journal of the Royal Society Interface, 2021, 18, 20210569.	3.4	22
48	Case Fatality Ratio Estimates for the 2013â€"2016 West African Ebola Epidemic: Application of Boosted Regression Trees for Imputation. Clinical Infectious Diseases, 2020, 70, 2476-2483.	5.8	21
49	Preparedness for emerging epidemic threats: a Lancet Infectious Diseases Commission. Lancet Infectious Diseases, The, 2020, 20, 17-19.	9.1	50
50	An assessment of risk compensation and spillover behavioural adaptions associated with the use of vaccines in animal disease management. Vaccine, 2020, 38, 1065-1075.	3.8	1
51	Clinical and Serological Findings of Madariaga and Venezuelan Equine Encephalitis Viral Infections: A Follow-up Study 5 Years After an Outbreak in Panama. Open Forum Infectious Diseases, 2020, 7, ofaa359.	0.9	12
52	Potential impact of the COVID-19 pandemic on HIV, tuberculosis, and malaria in low-income and middle-income countries: a modelling study. The Lancet Global Health, 2020, 8, e1132-e1141.	6.3	573
53	Inference of COVID-19 epidemiological distributions from Brazilian hospital data. Journal of the Royal Society Interface, 2020, 17, 20200596.	3.4	32
54	State-level tracking of COVID-19 in the United States. Nature Communications, 2020, 11, 6189.	12.8	104

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55	Suppression of a SARS-CoV-2 outbreak in the Italian municipality of Voâ€™. Nature, 2020, 584, 425-429.	27.8	872
56	Zoonotic host diversity increases in human-dominated ecosystems. Nature, 2020, 584, 398-402.	27.8	475
57	Key questions for modelling COVID-19 exit strategies. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201405.	2.6	106
58	Rabies as a Public Health Concern in Indiaâ€"A Historical Perspective. Tropical Medicine and Infectious Disease, 2020, 5, 162.	2.3	24
59	Response to COVID-19 in South Korea and implications for lifting stringent interventions. BMC Medicine, 2020, 18, 321.	5.5	137
60	SARS-CoV-2 infection prevalence on repatriation flights from Wuhan City, China. Journal of Travel Medicine, 2020, 27, .	3.0	5
61	Adaptive Estimation for Epidemic Renewal and Phylogenetic Skyline Models. Systematic Biology, 2020, 69, 1163-1179.	5.6	30
62	Comparison of molecular testing strategies for COVID-19 control: a mathematical modelling study. Lancet Infectious Diseases, The, 2020, 20, 1381-1389.	9.1	171
63	Host or pathogen-related factors in COVID-19 severity? â€" Authors' reply. Lancet, The, 2020, 396, 1397.	13.7	3
64	The impact of COVID-19 and strategies for mitigation and suppression in low- and middle-income countries. Science, 2020, 369, 413-422.	12.6	718
65	Have deaths from COVID-19 in Europe plateaued due to herd immunity?. Lancet, The, 2020, 395, e110-e111.	13.7	70
66	Creating a Framework for Conducting Randomized Clinical Trials during Disease Outbreaks. New England Journal of Medicine, 2020, 382, 1366-1369.	27.0	63
67	Using information theory to optimise epidemic models for real-time prediction and estimation. PLoS Computational Biology, 2020, 16, e1007990.	3.2	41
68	A systemic approach to assess the potential and risks of wildlife culling for infectious disease control. Communications Biology, 2020, 3, 353.	4.4	32
69	Spatiotemporal variability in case fatality ratios for the 2013â€"2016 Ebola epidemic in West Africa. International Journal of Infectious Diseases, 2020, 93, 48-55.	3.3	6
70	Rabies virus-neutralising antibodies in healthy, unvaccinated individuals: What do they mean for rabies epidemiology?. PLoS Neglected Tropical Diseases, 2020, 14, e0007933.	3.0	42
71	Estimates of the severity of coronavirus disease 2019: a model-based analysis. Lancet Infectious Diseases, The, 2020, 20, 669-677.	9.1	3,036
72	REal-time Assessment of Community Transmission (REACT) of SARS-CoV-2 virus: Study protocol. Wellcome Open Research, 2020, 5, 200.	1.8	55

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73	Estimating the number of undetected COVID-19 cases among travellers from mainland China. Wellcome Open Research, 2020, 5, 143.	1.8	5
74	Estimating the effects of non-pharmaceutical interventions on COVID-19 in Europe. Nature, 2020, 584, 257-261.	27.8	2,558
75	Estimating the number of undetected COVID-19 cases among travellers from mainland China. Wellcome Open Research, 2020, 5, 143.	1.8	6
76	Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. Wellcome Open Research, 2020, 5, 81.	1.8	62
77	Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. Wellcome Open Research, 2020, 5, 81.	1.8	81
78	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. Wellcome Open Research, 2020, 5, 170.	1.8	58
79	REal-time Assessment of Community Transmission (REACT) of SARS-CoV-2 virus: Study protocol. Wellcome Open Research, 2020, 5, 200.	1.8	93
80	An exact method for quantifying the reliability of end-of-epidemic declarations in real time. PLoS Computational Biology, 2020, 16, e1008478.	3.2	22
81	Endemic and Epidemic Human Alphavirus Infections in Eastern Panama: An Analysis of Population-Based Cross-Sectional Surveys. American Journal of Tropical Medicine and Hygiene, 2020, 103, 2429-2437.	1.4	20
82	Using information theory to optimise epidemic models for real-time prediction and estimation. , 2020, 16, e1007990.		0
83	Using information theory to optimise epidemic models for real-time prediction and estimation. , 2020, 16, e1007990.		0
84	Using information theory to optimise epidemic models for real-time prediction and estimation. , 2020, 16, e1007990.		0
85	Using information theory to optimise epidemic models for real-time prediction and estimation. , 2020, 16, e1007990.		0
86	Using information theory to optimise epidemic models for real-time prediction and estimation. , 2020, 16, e1007990.		0
87	Using information theory to optimise epidemic models for real-time prediction and estimation. , 2020, 16, e1007990.		0
88	Design of vaccine efficacy trials during public health emergencies. Science Translational Medicine, 2019, 11, .	12.4	41
89	Assessing effects from four years of industry-led badger culling in England on the incidence of bovine tuberculosis in cattle, 2013â€“2017. Scientific Reports, 2019, 9, 14666.	3.3	31
90	Mapping the baseline prevalence of lymphatic filariasis across Nigeria. Parasites and Vectors, 2019, 12, 440.	2.5	13

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91	Effect of culling on individual badger Meles meles behaviour: Potential implications for bovine tuberculosis transmission. Journal of Applied Ecology, 2019, 56, 2390-2399.	4.0	19
92	Worldwide Reduction in MERS Cases and Deaths since 2016. Emerging Infectious Diseases, 2019, 25, 1758-1760.	4.3	63
93	The social, physical and economic impact of lymphedema and hydrocele: a matched cross-sectional study in rural Nigeria. BMC Infectious Diseases, 2019, 19, 332.	2.9	14
94	Genetic and spatial characterization of the red fox (Vulpes vulpes) population in the area stretching between the Eastern and Dinaric Alps and its relationship with rabies and canine distemper dynamics. PLoS ONE, 2019, 14, e0213515.	2.5	16
95	Uncooked fish consumption among those at risk of Opisthorchis viverrini infection in central Thailand. PLoS ONE, 2019, 14, e0211540.	2.5	15
96	Risk of yellow fever virus importation into the United States from Brazil, outbreak years 2016â€“2017 and 2017â€“2018. Scientific Reports, 2019, 9, 20420.	3.3	6
97	A simple approach to measure transmissibility and forecast incidence. Epidemics, 2018, 22, 29-35.	3.0	63
98	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1736-1788.	13.7	4,989
99	Potential inconsistencies in Zika surveillance data and our understanding of risk during pregnancy. PLoS Neglected Tropical Diseases, 2018, 12, e0006991.	3.0	14
100	Environmental suitability for lymphatic filariasis in Nigeria. Parasites and Vectors, 2018, 11, 513.	2.5	25
101	Refined efficacy estimates of the Sanofi Pasteur dengue vaccine CYD-TDV using machine learning. Nature Communications, 2018, 9, 3644.	12.8	15
102	Outbreak of Ebola virus disease in the Democratic Republic of the Congo, Aprilâ€“May, 2018: an epidemiological study. Lancet, The, 2018, 392, 213-221.	13.7	93
103	Computational modelling for decision-making: where, why, what, who and how. Royal Society Open Science, 2018, 5, 172096.	2.4	68
104	Four principles to make evidence synthesis more useful for policy. Nature, 2018, 558, 361-364.	27.8	97
105	Cluster-Randomized Test-Negative Design Trials: A Novel and Efficient Method to Assess the Efficacy of Community-Level Dengue Interventions. American Journal of Epidemiology, 2018, 187, 2021-2028.	3.4	19
106	epiflows: an R package for risk assessment of travel-related spread of disease. F1000Research, 2018, 7, 1374.	1.6	6
107	Assessing the interruption of the transmission of human helminths with mass drug administration alone: optimizing the design of cluster randomized trials. Parasites and Vectors, 2017, 10, 93.	2.5	49
108	Heterogeneities in the case fatality ratio in the West African Ebola outbreak 2013â€“2016. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160308.	4.0	83

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109	Key data for outbreak evaluation: building on the Ebola experience. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160371.	4.0	70
110	Use of farm buildings by wild badgers: implications for the transmission of bovine tuberculosis. European Journal of Wildlife Research, 2017, 63, 1.	1.4	6
111	Ranging behaviour of badgers Meles meles vaccinated with Bacillus Calmette Guerin. Journal of Applied Ecology, 2017, 54, 718-725.	4.0	9
112	Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1084-1150.	13.7	573
113	Assessing the effects of the first 2Âyears of industryâ€led badger culling in England on the incidence of bovine tuberculosis in cattle in 2013â€“2015. Ecology and Evolution, 2017, 7, 7213-7230.	1.9	27
114	Interpreting ambiguous â€˜traceâ€™ results in Schistosoma mansoni CCA Tests: Estimating sensitivity and specificity of ambiguous results with no gold standard. PLoS Neglected Tropical Diseases, 2017, 11, e0006102.	3.0	17
115	Early warning of footpad dermatitis and hockburn in broiler chicken flocks using optical flow, bodyweight and water consumption. Veterinary Record, 2017, 180, 499-499.	0.3	48
116	International risk of yellow fever spread from the ongoing outbreak in Brazil, December 2016 to May 2017. Eurosurveillance, 2017, 22, .	7.0	36
117	Faster Detection of Poliomyelitis Outbreaks to Support Polio Eradication. Emerging Infectious Diseases, 2016, 22, 449-456.	4.3	18
118	Localised Badger Culling Increases Risk of Herd Breakdown on Nearby, Not Focal, Land. PLoS ONE, 2016, 11, e0164618.	2.5	7
119	Revealing the Micro-scale Signature of Endemic Zoonotic Disease Transmission in an African Urban Setting. PLoS Pathogens, 2016, 12, e1005525.	4.7	65
120	Contact transmission of influenza virus between ferrets imposes a looser bottleneck than respiratory droplet transmission allowing propagation of antiviral resistance. Scientific Reports, 2016, 6, 29793.	3.3	53
121	A Meta-Analysis of Serological Response Associated with Yellow Fever Vaccination. American Journal of Tropical Medicine and Hygiene, 2016, 95, 1435-1439.	1.4	27
122	How would a decision to leave the European Union affect medical research and health in the United Kingdom?. Journal of the Royal Society of Medicine, 2016, 109, 216-218.	2.0	2
123	Unraveling the drivers of MERS-CoV transmission. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9081-9086.	7.1	95
124	Badgers prefer cattle pasture but avoid cattle: implications for bovine tuberculosis control. Ecology Letters, 2016, 19, 1201-1208.	6.4	58
125	After Ebola in West Africa â€" Unpredictable Risks, Preventable Epidemics. New England Journal of Medicine, 2016, 375, 587-596.	27.0	216
126	Countering the Zika epidemic in Latin America. Science, 2016, 353, 353-354.	12.6	250

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127	Ebola Virus Disease among Male and Female Persons in West Africa. New England Journal of Medicine, 2016, 374, 96-98.	27.0	60
128	Exposure Patterns Driving Ebola Transmission in West Africa: A Retrospective Observational Study. PLoS Medicine, 2016, 13, e1002170.	8.4	72
129	A review of epidemiological parameters from Ebola outbreaks to inform early public health decision-making. Scientific Data, 2015, 2, 150019.	5.3	136
130	Exploration of the power of routine surveillance data to assess the impacts of industryâ€led badger culling on bovine tuberculosis incidence in cattle herds. Veterinary Record, 2015, 177, 417-417.	0.3	6
131	Bovine Tuberculosis Risk Factors for British Herds Before and After the 2001 Foot-and-Mouth Epidemic: What have we Learned from the TB99 and CCS2005 Studies?. Transboundary and Emerging Diseases, 2015, 62, 505-515.	3.0	22
132	Suppression of a Field Population of Aedes aegypti in Brazil by Sustained Release of Transgenic Male Mosquitoes. PLoS Neglected Tropical Diseases, 2015, 9, e0003864.	3.0	441
133	Dispersal of Engineered Male Aedes aegypti Mosquitoes. PLoS Neglected Tropical Diseases, 2015, 9, e0004156.	3.0	53
134	The role of rapid diagnostics in managing Ebola epidemics. Nature, 2015, 528, S109-S116.	27.8	97
135	Modelling the immunological response to a tetravalent dengue vaccine from multiple phase-2 trials in Latin America and South East Asia. Vaccine, 2015, 33, 3746-3751.	3.8	34
136	West African Ebola Epidemic after One Year â€" Slowing but Not Yet under Control. New England Journal of Medicine, 2015, 372, 584-587.	27.0	174
137	Ebola Virus Disease among Children in West Africa. New England Journal of Medicine, 2015, 372, 1274-1277.	27.0	118
138	Badger-cull targets unlikely to reduce TB. Nature, 2015, 526, 640-640.	27.8	13
139	Transmission Potential of Influenza A(H7N9) Virus, China, 2013â€"2014. Emerging Infectious Diseases, 2015, 21, 852-855.	4.3	22
140	Potential Biases in Estimating Absolute and Relative Case-Fatality Risks during Outbreaks. PLoS Neglected Tropical Diseases, 2015, 9, e0003846.	3.0	170
141	Middle East respiratory syndrome coronavirus: quantification of the extent of the epidemic, surveillance biases, and transmissibility. Lancet Infectious Diseases, The, 2014, 14, 50-56.	9.1	298
142	Ebola Virus Disease in West Africa â€" The First 9 Months of the Epidemic and Forward Projections. New England Journal of Medicine, 2014, 371, 1481-1495.	27.0	1,367
143	Genetic control of Aedes aegypti: data-driven modelling to assess the effect of releasing different life stages and the potential for long-term suppression. Parasites and Vectors, 2014, 7, 68.	2.5	20
144	Badger responses to small-scale culling may compromise targeted control of bovine tuberculosis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9193-9198.	7.1	40

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145	A Simple Incidence-Based Method to Avoid Misinterpretation of Bovine Tuberculosis Incidence Trends in Great Britain. PLOS Currents, 2014, 6, .	1.4	1
146	Distinguishing Between Reservoir Exposure and Human-to-Human Transmission for Emerging Pathogens Using Case Onset Data. PLOS Currents, 2014, 6, .	1.4	21
147	Badger-cull statistics carry uncertainty. Nature, 2013, 499, 154-154.	27.8	4
148	The evolutionary dynamics of influenza A virus adaptation to mammalian hosts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120382.	4.0	40
149	A Latent Markov Modelling Approach to the Evaluation of Circulating Cathodic Antigen Strips for Schistosomiasis Diagnosis Pre- and Post-Praziquantel Treatment in Uganda. PLoS Computational Biology, 2013, 9, e1003402.	3.2	28
150	A restatement of the natural science evidence base relevant to the control of bovine tuberculosis in Great Britain ^{â€}. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131634.	2.6	118
151	Using a Nonparametric Multilevel Latent Markov Model to Evaluate Diagnostics for Trachoma. American Journal of Epidemiology, 2013, 177, 913-922.	3.4	17
152	The contribution of badgers to confirmed tuberculosis in cattle in high-incidence areas in England. PLOS Currents, 2013, 5, .	1.4	45
153	Rabies and Canine Distemper Virus Epidemics in the Red Fox Population of Northern Italy (2006â€“2010). PLoS ONE, 2013, 8, e61588.	2.5	47
154	Transmission scenarios for Middle East Respiratory Syndrome Coronavirus (MERS-CoV) and how to tell them apart. Eurosurveillance, 2013, 18, .	7.0	95
155	Transmission scenarios for Middle East Respiratory Syndrome Coronavirus (MERS-CoV) and how to tell them apart. Eurosurveillance, 2013, 18, .	7.0	75
156	Considerations in the Design of Clinical Trials to Test Novel Entomological Approaches to Dengue Control. PLoS Neglected Tropical Diseases, 2012, 6, e1937.	3.0	35
157	Essential epidemiological mechanisms underpinning the transmission dynamics of seasonal influenza. Journal of the Royal Society Interface, 2012, 9, 304-312.	3.4	65
158	Localized reactive badger culling increases risk of bovine tuberculosis in nearby cattle herds. Biology Letters, 2012, 8, 50-53.	2.3	34
159	Reduce uncertainty in UK badger culling. Nature, 2012, 485, 582-582.	27.8	10
160	The effect of protected areas on pathogen exposure in endangered African wild dog (Lycaon pictus) populations. Biological Conservation, 2012, 150, 15-22.	4.1	44
161	Successful suppression of a field mosquito population by sustained release of engineered male mosquitoes. Nature Biotechnology, 2012, 30, 828-830.	17.5	329
162	Estimation of the Relative Sensitivity of the Comparative Tuberculin Skin Test in Tuberculous Cattle Herds Subjected to Depopulation. PLoS ONE, 2012, 7, e43217.	2.5	39

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163	Estimating risk over time using data from targeted surveillance systems: Application to bovine tuberculosis in Great Britain. Epidemics, 2012, 4, 179-186.	3.0	2
164	The Effect of Badger Culling on Breakdown Prolongation and Recurrence of Bovine Tuberculosis in Cattle Herds in Great Britain. PLoS ONE, 2012, 7, e51342.	2.5	4
165	Transmission Dynamics, Border Entry Screening, and School Holidays during the 2009 Influenza A (H1N1) Pandemic, China. Emerging Infectious Diseases, 2012, 18, 758-766.	4.3	49
166	Real-time Estimates in Early Detection of SARS. Emerging Infectious Diseases, 2012, 12, 110-113.	4.3	141
167	Monitoring trends in HIV prevalence among young people, aged 15 to 24 years, in Manicaland, Zimbabwe. Journal of the International AIDS Society, 2011, 14, 27-27.	3.0	11
168	Field performance of engineered male mosquitoes. Nature Biotechnology, 2011, 29, 1034-1037.	17.5	314
169	Herd-level risk factors of bovine tuberculosis in England and Wales after the 2001 foot-and-mouth disease epidemic. International Journal of Infectious Diseases, 2011, 15, e833-e840.	3.3	43
170	Field Performance of a Genetically Engineered Strain of Pink Bollworm. PLoS ONE, 2011, 6, e24110.	2.5	47
171	Risk of contact between endangered African wild dogsLycaon pictusand domestic dogs: opportunities for pathogen transmission. Journal of Applied Ecology, 2011, 48, 1345-1354.	4.0	47
172	Recurrence of bovine tuberculosis breakdowns in Great Britain: Risk factors and prediction. Preventive Veterinary Medicine, 2011, 102, 22-29.	1.9	94
173	Genetic diversity of Schistosoma japonicum miracidia from individual rodent hosts. International Journal for Parasitology, 2011, 41, 1371-1376.	3.1	9
174	Integrated monitoring and evaluation and environmental risk factors for urogenital schistosomiasis and active trachoma in Burkina Faso before preventative chemotherapy using sentinel sites. BMC Infectious Diseases, 2011, 11, 191.	2.9	27
175	Low Diversity Cryptococcus neoformans Variety grubii Multilocus Sequence Types from Thailand Are Consistent with an Ancestral African Origin. PLoS Pathogens, 2011, 7, e1001343.	4.7	74
176	Serial Intervals and the Temporal Distribution of Secondary Infections within Households of 2009 Pandemic Influenza A (H1N1): Implications for Influenza Control Recommendations. Clinical Infectious Diseases, 2011, 52, S123-S130.	5.8	48
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