

Christl A Donnelly

List of Publications by Year in descending order

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Version: 2024-02-01

343
papers

41,906
citations

7672

79
h-index

3844

184
g-index

419
all docs

419
docs citations

419
times ranked

54301
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Lancet</i> , The, 2018, 392, 1736-1788.	6.3	4,989
2	Estimates of the severity of coronavirus disease 2019: a model-based analysis. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 669-677.	4.6	3,036
3	Estimating the effects of non-pharmaceutical interventions on COVID-19 in Europe. <i>Nature</i> , 2020, 584, 257-261.	13.7	2,558
4	Pandemic Potential of a Strain of Influenza A (H1N1): Early Findings. <i>Science</i> , 2009, 324, 1557-1561.	6.0	1,665
5	Ebola Virus Disease in West Africa â€“ The First 9 Months of the Epidemic and Forward Projections. <i>New England Journal of Medicine</i> , 2014, 371, 1481-1495.	13.9	1,367
6	Transmission Dynamics of the Etiological Agent of SARS in Hong Kong: Impact of Public Health Interventions. <i>Science</i> , 2003, 300, 1961-1966.	6.0	1,004
7	Suppression of a SARS-CoV-2 outbreak in the Italian municipality of Voâ™. <i>Nature</i> , 2020, 584, 425-429.	13.7	872
8	Epidemiological determinants of spread of causal agent of severe acute respiratory syndrome in Hong Kong. <i>Lancet</i> , The, 2003, 361, 1761-1766.	6.3	840
9	The impact of COVID-19 and strategies for mitigation and suppression in low- and middle-income countries. <i>Science</i> , 2020, 369, 413-422.	6.0	718
10	Risk Factors for Severe Outcomes following 2009 Influenza A (H1N1) Infection: A Global Pooled Analysis. <i>PLoS Medicine</i> , 2011, 8, e1001053.	3.9	581
11	The Foot-and-Mouth Epidemic in Great Britain: Pattern of Spread and Impact of Interventions. <i>Science</i> , 2001, 292, 1155-1160.	6.0	577
12	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. <i>Lancet</i> , The, 2017, 390, 1084-1150.	6.3	573
13	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.	2.9	573
14	Transmission dynamics and epidemiology of BSE in British cattle. <i>Nature</i> , 1996, 382, 779-788.	13.7	565
15	Insect Population Control Using a Dominant, Repressible, Lethal Genetic System. <i>Science</i> , 2000, 287, 2474-2476.	6.0	498
16	Zoonotic host diversity increases in human-dominated ecosystems. <i>Nature</i> , 2020, 584, 398-402.	13.7	475
17	Chicken welfare is influenced more by housing conditions than by stocking density. <i>Nature</i> , 2004, 427, 342-344.	13.7	471
18	Suppression of a Field Population of <i>Aedes aegypti</i> in Brazil by Sustained Release of Transgenic Male Mosquitoes. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003864.	1.3	441

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19	Immunity to non-cerebral severe malaria is acquired after one or two infections. <i>Nature Medicine</i> , 1999, 5, 340-343.	15.2	433
20	Household Transmission of 2009 Pandemic Influenza A (H1N1) Virus in the United States. <i>New England Journal of Medicine</i> , 2009, 361, 2619-2627.	13.9	420
21	Epidemiology, transmission dynamics and control of SARS: the 2002â€“2003 epidemic. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004, 359, 1091-1105.	1.8	412
22	Reduction in mobility and COVID-19 transmission. <i>Nature Communications</i> , 2021, 12, 1090.	5.8	394
23	Transmission intensity and impact of control policies on the foot and mouth epidemic in Great Britain. <i>Nature</i> , 2001, 413, 542-548.	13.7	371
24	Late-acting dominant lethal genetic systems and mosquito control. <i>BMC Biology</i> , 2007, 5, 11.	1.7	342
25	Positive and negative effects of widespread badger culling on tuberculosis in cattle. <i>Nature</i> , 2006, 439, 843-846.	13.7	335
26	Successful suppression of a field mosquito population by sustained release of engineered male mosquitoes. <i>Nature Biotechnology</i> , 2012, 30, 828-830.	9.4	329
27	Field performance of engineered male mosquitoes. <i>Nature Biotechnology</i> , 2011, 29, 1034-1037.	9.4	314
28	Middle East respiratory syndrome coronavirus: quantification of the extent of the epidemic, surveillance biases, and transmissibility. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 50-56.	4.6	298
29	The Epidemiology of Severe Acute Respiratory Syndrome in the 2003 Hong Kong Epidemic: An Analysis of All 1755 Patients. <i>Annals of Internal Medicine</i> , 2004, 141, 662.	2.0	293
30	Countering the Zika epidemic in Latin America. <i>Science</i> , 2016, 353, 353-354.	6.0	250
31	Impact of localized badger culling on tuberculosis incidence in British cattle. <i>Nature</i> , 2003, 426, 834-837.	13.7	244
32	Methods for Estimating the Case Fatality Ratio for a Novel, Emerging Infectious Disease. <i>American Journal of Epidemiology</i> , 2005, 162, 479-486.	1.6	224
33	After Ebola in West Africa â€” Unpredictable Risks, Preventable Epidemics. <i>New England Journal of Medicine</i> , 2016, 375, 587-596.	13.9	216
34	Cross-Species Interactions Between Malaria Parasites in Humans. <i>Science</i> , 2000, 287, 845-848.	6.0	215
35	Assessing the severity of the novel influenza A/H1N1 pandemic. <i>BMJ: British Medical Journal</i> , 2009, 339, b2840-b2840.	2.4	212
36	Predicted vCJD mortality in Great Britain. <i>Nature</i> , 2000, 406, 583-584.	13.7	187

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37	Parasites as causative agents of human affective disorders? The impact of anti-psychotic, mood-stabilizer and anti-parasite medication on <i>Toxoplasma gondii</i> 's ability to alter host behaviour. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1023-1030.	1.2	186
38	Transmission dynamics and epidemiology of dengue: insights from age-stratified sero-prevalence surveys. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 757-768.	1.8	182
39	West African Ebola Epidemic after One Year " Slowing but Not Yet under Control. <i>New England Journal of Medicine</i> , 2015, 372, 584-587.	13.9	174
40	Global minimum estimates of children affected by COVID-19-associated orphanhood and deaths of caregivers: a modelling study. <i>Lancet, The</i> , 2021, 398, 391-402.	6.3	172
41	Comparison of molecular testing strategies for COVID-19 control: a mathematical modelling study. <i>Lancet Infectious Diseases, The</i> , 2020, 20, 1381-1389.	4.6	171
42	Potential Biases in Estimating Absolute and Relative Case-Fatality Risks during Outbreaks. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003846.	1.3	170
43	SARS-CoV-2 antibody prevalence in England following the first peak of the pandemic. <i>Nature Communications</i> , 2021, 12, 905.	5.8	168
44	Effects of culling on badger <i>Meles meles</i> spatial organization: implications for the control of bovine tuberculosis. <i>Journal of Applied Ecology</i> , 2005, 43, 1-10.	1.9	156
45	PUBLIC HEALTH: Enhanced: Public Health Risk from the Avian H5N1 Influenza Epidemic. <i>Science</i> , 2004, 304, 968-969.	6.0	154
46	Spatial heterogeneity and the persistence of infectious diseases. <i>Journal of Theoretical Biology</i> , 2004, 229, 349-359.	0.8	142
47	Real-time Estimates in Early Detection of SARS. <i>Emerging Infectious Diseases</i> , 2012, 12, 110-113.	2.0	141
48	<i>Schistosoma haematobium</i> Infection and Morbidity Before and After Large-Scale Administration of Praziquantel in Burkina Faso. <i>Journal of Infectious Diseases</i> , 2007, 196, 659-669.	1.9	140
49	Response to COVID-19 in South Korea and implications for lifting stringent interventions. <i>BMC Medicine</i> , 2020, 18, 321.	2.3	137
50	A review of epidemiological parameters from Ebola outbreaks to inform early public health decision-making. <i>Scientific Data</i> , 2015, 2, 150019.	2.4	136
51	Culling and cattle controls influence tuberculosis risk for badgers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14713-14717.	3.3	134
52	Genetic diversity and dynamics of <i>Plasmodium falciparum</i> and <i>P. vivax</i> populations in multiply infected children with asymptomatic malaria infections in Papua New Guinea. <i>Parasitology</i> , 2000, 121, 257-272.	0.7	131
53	Evidence for a mass community effect of insecticide-treated bednets on the incidence of malaria on the Kenyan coast. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2000, 94, 357-360.	0.7	130
54	COVID-19-Associated Orphanhood and Caregiver Death in the United States. <i>Pediatrics</i> , 2021, 148, .	1.0	129

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55	Spatial perturbation caused by a badger (<i>Meles meles</i>) culling operation: implications for the function of territoriality and the control of bovine tuberculosis (<i>Mycobacterium bovis</i>). <i>Journal of Animal Ecology</i> , 2000, 69, 815-828.	1.3	127
56	Implications of a Circulating Vaccine-Derived Poliovirus in Nigeria. <i>New England Journal of Medicine</i> , 2010, 362, 2360-2369.	13.9	126
57	Environmental and management factors affecting the welfare of chickens on commercial farms in the United Kingdom and Denmark stocked at five densities. <i>Poultry Science</i> , 2005, 84, 1155-1165.	1.5	124
58	Risk of Severe Malaria among African Infants: Direct Evidence of Clinical Protection during Early Infancy. <i>Journal of Infectious Diseases</i> , 1998, 177, 819-822.	1.9	121
59	The epidemiology of BSE in cattle herds in Great Britain. II. Model construction and analysis of transmission dynamics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1997, 352, 803-838.	1.8	120
60	A restatement of the natural science evidence base relevant to the control of bovine tuberculosis in Great Britain. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131634.	1.2	118
61	Ebola Virus Disease among Children in West Africa. <i>New England Journal of Medicine</i> , 2015, 372, 1274-1277.	13.9	118
62	Exponential growth, high prevalence of SARS-CoV-2, and vaccine effectiveness associated with the Delta variant. <i>Science</i> , 2021, 374, eabl9551.	6.0	111
63	Key questions for modelling COVID-19 exit strategies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201405.	1.2	106
64	State-level tracking of COVID-19 in the United States. <i>Nature Communications</i> , 2020, 11, 6189.	5.8	104
65	Estimation of Transmission Parameters of H5N1 Avian Influenza Virus in Chickens. <i>PLoS Pathogens</i> , 2009, 5, e1000281.	2.1	103
66	The seasonal pattern of dengue in endemic areas: mathematical models of mechanisms. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2002, 96, 387-397.	0.7	100
67	Rapid increase in Omicron infections in England during December 2021: REACT-1 study. <i>Science</i> , 2022, 375, 1406-1411.	6.0	99
68	Impacts of widespread badger culling on cattle tuberculosis: concluding analyses from a large-scale field trial. <i>International Journal of Infectious Diseases</i> , 2007, 11, 300-308.	1.5	98
69	The role of rapid diagnostics in managing Ebola epidemics. <i>Nature</i> , 2015, 528, S109-S116.	13.7	97
70	Four principles to make evidence synthesis more useful for policy. <i>Nature</i> , 2018, 558, 361-364.	13.7	97
71	Unraveling the drivers of MERS-CoV transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9081-9086.	3.3	95
72	Transmission scenarios for Middle East Respiratory Syndrome Coronavirus (MERS-CoV) and how to tell them apart. <i>Eurosurveillance</i> , 2013, 18, .	3.9	95

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73	Recurrence of bovine tuberculosis breakdowns in Great Britain: Risk factors and prediction. Preventive Veterinary Medicine, 2011, 102, 22-29.	0.7	94
74	Population antibody responses following COVID-19 vaccination in 212,102 individuals. Nature Communications, 2022, 13, 907.	5.8	94
75	Epidemiological and genetic analysis of severe acute respiratory syndrome. Lancet Infectious Diseases, The, 2004, 4, 672-683.	4.6	93
76	Outbreak of Ebola virus disease in the Democratic Republic of the Congo, April–May, 2018: an epidemiological study. Lancet, The, 2018, 392, 213-221.	6.3	93
77	REal-time Assessment of Community Transmission (REACT) of SARS-CoV-2 virus: Study protocol. Wellcome Open Research, 2020, 5, 200.	0.9	93
78	The Duration of the Effects of Repeated Widespread Badger Culling on Cattle Tuberculosis Following the Cessation of Culling. PLoS ONE, 2010, 5, e9090.	1.1	92
79	Estimating the human health risk from possible BSE infection of the British sheep flock. Nature, 2002, 415, 420-424.	13.7	91
80	Resurgence of SARS-CoV-2: Detection by community viral surveillance. Science, 2021, 372, 990-995.	6.0	91
81	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.	3.0	91
82	Implications of BSE infection screening data for the scale of the British BSE epidemic and current European infection levels. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 2179-2190.	1.2	90
83	Key epidemiological drivers and impact of interventions in the 2020 SARS-CoV-2 epidemic in England. Science Translational Medicine, 2021, 13, .	5.8	89
84	The Development of an Age-Structured Model for Trachoma Transmission Dynamics, Pathogenesis and Control. PLoS Neglected Tropical Diseases, 2009, 3, e462.	1.3	89
85	HIV-1 Transmitting Couples Have Similar Viral Load Set-Points in Rakai, Uganda. PLoS Pathogens, 2010, 6, e1000876.	2.1	88
86	Review papers : Longitudinal studies with continuous responses. Statistical Methods in Medical Research, 1992, 1, 225-247.	0.7	86
87	Epidemiological determinants of the pattern and magnitude of the vCJD epidemic in Great Britain. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 2443-2452.	1.2	84
88	Sampling biases and missing data in explorations of sexual partner networks for the spread of sexually transmitted diseases. , 1998, 17, 2079-2097.		83
89	Seroprevalence of IgG antibodies to SARS-coronavirus in asymptomatic or subclinical population groups. Epidemiology and Infection, 2006, 134, 211-221.	1.0	83
90	Specificity of the <i>Toxoplasma gondii</i> -altered behaviour to definitive versus non-definitive host predation risk. Parasitology, 2008, 135, 1143-1150.	0.7	83

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91	Heterogeneities in the case fatality ratio in the West African Ebola outbreak 2013â€“2016. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160308.	1.8	83
92	Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. <i>Wellcome Open Research</i> , 2020, 5, 81.	0.9	81
93	Differences in trappability of European badgers <i>Meles meles</i> in three populations in England. <i>Journal of Applied Ecology</i> , 1999, 36, 1051-1062.	1.9	80
94	Spatial association of <i>Mycobacterium bovis</i> infection in cattle and badgers <i>Meles meles</i> . <i>Journal of Applied Ecology</i> , 2005, 42, 852-862.	1.9	78
95	Creating and Validating an Algorithm to Measure AIDS Mortality in the Adult Population using Verbal Autopsy. <i>PLoS Medicine</i> , 2006, 3, e312.	3.9	78
96	Twin peaks: The Omicron SARS-CoV-2 BA.1 and BA.2 epidemics in England. <i>Science</i> , 2022, 376, .	6.0	78
97	Updated projections of future vCJD deaths in the UK. <i>BMC Infectious Diseases</i> , 2003, 3, 4.	1.3	76
98	The Early Transmission Dynamics of H1N1pdm Influenza in the United Kingdom. <i>PLOS Currents</i> , 2009, 1, RRN1130.	1.4	76
99	Transmission scenarios for Middle East Respiratory Syndrome Coronavirus (MERS-CoV) and how to tell them apart. <i>Eurosurveillance</i> , 2013, 18, .	3.9	75
100	Low Diversity <i>Cryptococcus neoformans</i> Variety <i>grubii</i> Multilocus Sequence Types from Thailand Are Consistent with an Ancestral African Origin. <i>PLoS Pathogens</i> , 2011, 7, e1001343.	2.1	74
101	Forced to crowd or choosing to cluster? Spatial distribution indicates social attraction in broiler chickens. <i>Animal Behaviour</i> , 2006, 72, 1291-1300.	0.8	73
102	A comparative epidemiologic analysis of SARS in Hong Kong, Beijing and Taiwan. <i>BMC Infectious Diseases</i> , 2010, 10, 50.	1.3	73
103	SARS-CoV Antibody Prevalence in All Hong Kong Patient Contacts. <i>Emerging Infectious Diseases</i> , 2004, 10, 1653-1656.	2.0	72
104	Exposure Patterns Driving Ebola Transmission in West Africa: A Retrospective Observational Study. <i>PLoS Medicine</i> , 2016, 13, e1002170.	3.9	72
105	Key data for outbreak evaluation: building on the Ebola experience. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160371.	1.8	70
106	Have deaths from COVID-19 in Europe plateaued due to herd immunity?. <i>Lancet, The</i> , 2020, 395, e110-e111.	6.3	70
107	Age- and species-specific duration of infection in asymptomatic malaria infections in Papua New Guinea. <i>Parasitology</i> , 2000, 121, 247-256.	0.7	69
108	Computational modelling for decision-making: where, why, what, who and how. <i>Royal Society Open Science</i> , 2018, 5, 172096.	1.1	68

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109	Essential epidemiological mechanisms underpinning the transmission dynamics of seasonal influenza. <i>Journal of the Royal Society Interface</i> , 2012, 9, 304-312.	1.5	65
110	Revealing the Micro-scale Signature of Endemic Zoonotic Disease Transmission in an African Urban Setting. <i>PLoS Pathogens</i> , 2016, 12, e1005525.	2.1	65
111	Influence of rearing and lay risk factors on propensity for feather damage in laying hens. <i>British Poultry Science</i> , 2010, 51, 725-733.	0.8	63
112	A simple approach to measure transmissibility and forecast incidence. <i>Epidemics</i> , 2018, 22, 29-35.	1.5	63
113	Worldwide Reduction in MERS Cases and Deaths since 2016. <i>Emerging Infectious Diseases</i> , 2019, 25, 1758-1760.	2.0	63
114	Creating a Framework for Conducting Randomized Clinical Trials during Disease Outbreaks. <i>New England Journal of Medicine</i> , 2020, 382, 1366-1369.	13.9	63
115	The epidemiology of BSE in cattle herds in Great Britain. I. Epidemiological processes, demography of cattle and approaches to control by culling. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1997, 352, 781-801.	1.8	62
116	Herd-level risk factors associated with tuberculosis breakdowns among cattle herds in England before the 2001 foot-and-mouth disease epidemic. <i>Biology Letters</i> , 2005, 1, 53-56.	1.0	62
117	Effectiveness of Immunization against Paralytic Poliomyelitis in Nigeria. <i>New England Journal of Medicine</i> , 2008, 359, 1666-1674.	13.9	62
118	Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. <i>Wellcome Open Research</i> , 2020, 5, 81.	0.9	62
119	MORBIDITY INDICATORS OF SCHISTOSOMA MANSONI: RELATIONSHIP BETWEEN INFECTION AND ANEMIA IN UGANDAN SCHOOLCHILDREN BEFORE AND AFTER PRAZIQUANTEL AND ALBENDAZOLE CHEMOTHERAPY. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 278-286.	0.6	62
120	Antigen-driven CD4+ T cell and HIV-1 dynamics: Residual viral replication under highly active antiretroviral therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 15167-15172.	3.3	61
121	Factors determining the pattern of the variant Creutzfeldt-Jakob disease (vCJD) epidemic in the UK. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 689-698.	1.2	60
122	Ebola Virus Disease among Male and Female Persons in West Africa. <i>New England Journal of Medicine</i> , 2016, 374, 96-98.	13.9	60
123	Beer Halls as a Focus for HIV Prevention Activities in Rural Zimbabwe. <i>Sexually Transmitted Diseases</i> , 2005, 32, 364-369.	0.8	59
124	Badgers prefer cattle pasture but avoid cattle: implications for bovine tuberculosis control. <i>Ecology Letters</i> , 2016, 19, 1201-1208.	3.0	58
125	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.	0.9	58
126	Gender difference in HIV-1 RNA viral loads. <i>HIV Medicine</i> , 2005, 6, 170-178.	1.0	57

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127	BOVINE TUBERCULOSIS IN CATTLE AND BADGERS IN LOCALIZED CULLING AREAS. <i>Journal of Wildlife Diseases</i> , 2009, 45, 128-143.	0.3	57
128	REal-time Assessment of Community Transmission (REACT) of SARS-CoV-2 virus: Study protocol. <i>Wellcome Open Research</i> , 2020, 5, 200.	0.9	55
129	Assessment of the risk posed by bovine spongiform encephalopathy in cattle in Great Britain and the impact of potential changes to current control measures. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1579-1584.	1.2	54
130	Evolution in a multi-host parasite: Chronobiological circadian rhythm and population genetics of <i>Schistosoma japonicum</i> cercariae indicates contrasting definitive host reservoirs by habitat. <i>International Journal for Parasitology</i> , 2009, 39, 1581-1588.	1.3	53
131	Contrasting reservoirs for <i>Schistosoma japonicum</i> between marshland and hilly regions in Anhui, China – a two-year longitudinal parasitological survey. <i>Parasitology</i> , 2010, 137, 99-110.	0.7	53
132	Dispersal of Engineered Male <i>Aedes aegypti</i> Mosquitoes. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004156.	1.3	53
133	Contact transmission of influenza virus between ferrets imposes a looser bottleneck than respiratory droplet transmission allowing propagation of antiviral resistance. <i>Scientific Reports</i> , 2016, 6, 29793.	1.6	53
134	Simple model for tuberculosis in cattle and badgers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17588-17593.	3.3	52
135	Analysis of dam-calf pairs of BSE cases: confirmation of a maternal risk enhancement. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 1647-1656.	1.2	50
136	The importance of immediate destruction in epidemics of foot and mouth disease. <i>Research in Veterinary Science</i> , 2000, 69, 189-196.	0.9	50
137	Preparedness for emerging epidemic threats: a Lancet Infectious Diseases Commission. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 17-19.	4.6	50
138	Estimation of the number of people incubating variant CJD. <i>Lancet</i> , The, 1998, 352, 1353-1354.	6.3	49
139	Effects of culling on badger abundance: implications for tuberculosis control. <i>Journal of Zoology</i> , 2008, 274, 28-37.	0.8	49
140	The prevalence, distribution and severity of detectable pathological lesions in badgers naturally infected with <i>Mycobacterium bovis</i> . <i>Epidemiology and Infection</i> , 2008, 136, 1350-1361.	1.0	49
141	Transmission Dynamics, Border Entry Screening, and School Holidays during the 2009 Influenza A (H1N1) Pandemic, China. <i>Emerging Infectious Diseases</i> , 2012, 18, 758-766.	2.0	49
142	Assessing the interruption of the transmission of human helminths with mass drug administration alone: optimizing the design of cluster randomized trials. <i>Parasites and Vectors</i> , 2017, 10, 93.	1.0	49
143	Comparison of the effectiveness of non-nucleoside reverse transcriptase inhibitor-containing and protease inhibitor-containing regimens using observational databases. <i>Aids</i> , 2001, 15, 1133-1142.	1.0	48
144	Serial Intervals and the Temporal Distribution of Secondary Infections within Households of 2009 Pandemic Influenza A (H1N1): Implications for Influenza Control Recommendations. <i>Clinical Infectious Diseases</i> , 2011, 52, S123-S130.	2.9	48

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145	Early warning of footpad dermatitis and hockburn in broiler chicken flocks using optical flow, bodyweight and water consumption. <i>Veterinary Record</i> , 2017, 180, 499-499.	0.2	48
146	Demographic approaches to the estimation of incidence of HIV-1 infection among adults from age-specific prevalence data in stable endemic conditions. <i>Aids</i> , 1996, 10, 1689-1697.	1.0	47
147	Predicting prolonged bovine tuberculosis breakdowns in Great Britain as an aid to control. <i>Preventive Veterinary Medicine</i> , 2010, 97, 183-190.	0.7	47
148	Field Performance of a Genetically Engineered Strain of Pink Bollworm. <i>PLoS ONE</i> , 2011, 6, e24110.	1.1	47
149	Risk of contact between endangered African wild dogs <i>Lycaon pictus</i> and domestic dogs: opportunities for pathogen transmission. <i>Journal of Applied Ecology</i> , 2011, 48, 1345-1354.	1.9	47
150	Rabies and Canine Distemper Virus Epidemics in the Red Fox Population of Northern Italy (2006-2010). <i>PLoS ONE</i> , 2013, 8, e61588.	1.1	47
151	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. <i>The Lancet Child and Adolescent Health</i> , 2022, 6, 249-259.	2.7	46
152	The impact of single versus mixed schistosome species infections on liver, spleen and bladder morbidity within Malian children pre- and post-praziquantel treatment. <i>BMC Infectious Diseases</i> , 2010, 10, 227.	1.3	45
153	The contribution of badgers to confirmed tuberculosis in cattle in high-incidence areas in England. <i>PLOS Currents</i> , 2013, 5, .	1.4	45
154	ASSESSMENT OF ULTRASOUND MORBIDITY INDICATORS OF SCHISTOSOMIASIS IN THE CONTEXT OF LARGE-SCALE PROGRAMS ILLUSTRATED WITH EXPERIENCES FROM MALIAN CHILDREN. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 1042-1052.	0.6	45
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