Mark E J Woolhouse

List of Publications by Year
in descending order

218 papers	18,566 citations	19608 61 h-index	14702 127 g-index
227 all docs	227 docs citations	227 times ranked	19548 citing authors

#	Article	IF	Citations
1	Population genomics of Escherichia coli in livestock-keeping households across a rapidly developing urban landscape. Nature Microbiology, 2022, 7, 581-589.	5.9	30
2	First dose ChAdOx1 and BNT162b2 COVID-19 vaccinations and cerebral venous sinus thrombosis: A pooled self-controlled case series study of 11.6 million individuals in England, Scotland, and Wales. PLoS Medicine, 2022, 19, e1003927.	3.9	37
3	Impact on emergency and elective hospital-based care in Scotland over the first 12 months of the pandemic: interrupted time-series analysis of national lockdowns. Journal of the Royal Society of Medicine, 2022, 115, 429-438.	1.1	4
4	The case against lockdown as a public health intervention. Journal of the Royal College of Physicians of Edinburgh, The, 2022, 52, 12-13.	0.2	0
5	Vaccines That Reduce Viral Shedding Do Not Prevent Transmission of H1N1 Pandemic 2009 Swine Influenza A Virus Infection to Unvaccinated Pigs. Journal of Virology, 2021, 95, .	1.5	8
6	Efficacy of praziquantel has been maintained over four decades (from 1977 to 2018): A systematic review and meta-analysis of factors influence its efficacy. PLoS Neglected Tropical Diseases, 2021, 15, e0009189.	1.3	26
7	Interim findings from first-dose mass COVID-19 vaccination roll-out and COVID-19 hospital admissions in Scotland: a national prospective cohort study. Lancet, The, 2021, 397, 1646-1657.	6.3	479
8	Segmentation and shielding of the most vulnerable members of the population as elements of an exit strategy from COVID-19 lockdown. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200275.	1.8	15
9	Real-time monitoring of COVID-19 in Scotland. Journal of the Royal College of Physicians of Edinburgh, The, 2021, 51, S20-S25.	0.2	0
10	No Exchange of Picornaviruses in Vietnam between Humans and Animals in a High-Risk Cohort with Close Contact despite High Prevalence and Diversity. Viruses, 2021, 13, 1709.	1.5	2
11	Secrets of the Hospital Underbelly: Patterns of Abundance of Antimicrobial Resistance Genes in Hospital Wastewater Vary by Specific Antimicrobial and Bacterial Family. Frontiers in Microbiology, 2021, 12, 703560.	1.5	26
12	Predictors of COVID-19 epidemics in countries of the World Health Organization African Region. Nature Medicine, 2021, 27, 2041-2047.	15.2	27
13	What are SARS-CoV-2 genomes from the WHO Africa region member states telling us?. BMJ Global Health, 2021, 6, e004408.	2.0	9
14	Risk factors for carbapenemase-producing organisms among inpatients in Scotland: A national matched caseâ€“control study. Infection Control and Hospital Epidemiology, 2021, 42, 968-977.	1.0	5
15	Adaptation, spread and transmission of SARS-CoV-2 in farmed minks and associated humans in the Netherlands. Nature Communications, 2021, 12, 6802.	5.8	81
16	Fungal allergic sensitisation in young rural Zimbabwean children: Gut mycobiome and seroreactivity characteristics. Current Research in Microbial Sciences, 2021, 2, 100082.	1.4	2
17	Pig Exposure and Health Outcomes in Hospitalized Infectious Disease Patients in Vietnam. EcoHealth, 2020, 17, 28-40.	0.9	1
18	Investigating a strategy for quantifying schistosome infection levels in preschool-aged children using prevalence data from school-aged children. PLoS Neglected Tropical Diseases, 2020, 14, e0008650.	1.3	3

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19	IDEAL, the Infectious Diseases of East African Livestock project open access database and biobank. Scientific Data, 2020, 7, 224.	2.4	2
20	Timelines of infection and transmission dynamics of H1N1pdm09 in swine. PLoS Pathogens, 2020, 16, e1008628.	2.1	13
21	The gut microbiome but not the resistome is associated with urogenital schistosomiasis in preschool-aged children. Communications Biology, 2020, 3, 155.	2.0	33
22	Reflections on IDEAL: What we have learnt from a unique calf cohort study. Preventive Veterinary Medicine, 2020, 181, 105062.	0.7	3
23	Using sewage for surveillance of antimicrobial resistance. Science, 2020, 367, 630-632.	6.0	122
24	Schistosoma haematobium infection is associated with alterations in energy and purine-related metabolism in preschool-aged children. PLoS Neglected Tropical Diseases, 2020, 14, e0008866.	1.3	14
25	Global discovery of human-infective RNA viruses: A modelling analysis. PLoS Pathogens, 2020, 16, e1009079.	2.1	14
26	Global discovery of human-infective RNA viruses: A modelling analysis. , 2020, 16, e1009079.		0
27	Global discovery of human-infective RNA viruses: A modelling analysis. , 2020, 16, e1009079.		0
28	Global discovery of human-infective RNA viruses: A modelling analysis. , 2020, 16, e1009079.		0
29	Global discovery of human-infective RNA viruses: A modelling analysis. , 2020, 16, e1009079.		0
30	Sample descriptors linked to metagenomic sequencing data from human and animal enteric samples from Vietnam. Scientific Data, 2019, 6, 202.	2.4	2
31	Statistical modelling of data showing pandemic H1N1 2009 swine influenza A virus infection kinetics in vaccinated pigs. Data in Brief, 2019, 27, 104576.	0.5	0
32	Epidemiology of antimicrobial-resistant Escherichia coli carriage in sympatric humans and livestock in a rapidly urbanizing city. International Journal of Antimicrobial Agents, 2019, 54, 531-537.	1.1	36
33	A cross-sectional survey of practices and knowledge among antibiotic retailers in Nairobi, Kenya. Journal of Global Health, 2019, 9, 010412.	1.2	36
34	One Health in Action: Operational Aspects of an Integrated Surveillance System for Zoonoses in Western Kenya. Frontiers in Veterinary Science, 2019, 6, 252.	0.9	34
35	Deterministic processes structure bacterial genetic communities across an urban landscape. Nature Communications, 2019, 10, 2643.	5.8	19
36	Clinically relevant antimicrobial resistance at the wildlifeâ€“livestockâ€“human interface in Nairobi: an epidemiological study. Lancet Planetary Health, The, 2019, 3, e259-e269.	5.1	64

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37	Global monitoring of antimicrobial resistance based on metagenomics analyses of urban sewage. Nature Communications, 2019, 10, 1124.	5.8	612
38	Vaccine-mediated protection of pigs against infection with pandemic H1N1 2009 swine influenza A virus requires a close antigenic match between the vaccine antigen and challenge virus. Vaccine, 2019, 37, 2288-2293.	1.7	14
39	Tissue tropism and transmission ecology predict virulence of human RNA viruses. PLoS Biology, 2019, 17, e3000206.	2.6	18
40	Population level changes in schistosomeâ€specific antibody levels following chemotherapy. Parasite Immunology, 2019, 41, e12604.	0.7	9
41	Epidemiological characteristics of human-infective RNA viruses. Scientific Data, 2018, 5, 180017.	2.4	74
42	Are Food Animals Responsible for Transfer of Antimicrobial-ResistantEscherichia colior Their Resistance Determinants to Human Populations? A Systematic Review. Foodborne Pathogens and Disease, 2018, 15, 467-474.	0.8	118
43	Sources of human viruses. Science, 2018, 362, 524-525.	6.0	3
44	Detection and Characterization of Homologues of Human Hepatitis Viruses and Pegiviruses in Rodents and Bats in Vietnam. Viruses, 2018, 10, 102.	1.5	37
45	Paediatric schistosomiasis: What we know and what we need to know. PLoS Neglected Tropical Diseases, 2018, 12, e0006144.	1.3	69
46	Modelling the impact of curtailing antibiotic usage in food animals on antibiotic resistance in humans. Royal Society Open Science, 2017, 4, 161067.	1.1	54
47	Human schistosomiasis in the post mass drug administration era. Lancet Infectious Diseases, The, 2017, 17, e42-e48.	4.6	90
48	Vulnerability of the British swine industry to classical swine fever. Scientific Reports, 2017, 7, 42992.	1.6	11
49	Quantifying Transmission. Microbiology Spectrum, 2017, 5, .	1.2	15
50	Assessing the Epidemic Potential of RNA and DNA Viruses. Emerging Infectious Diseases, 2016, 22, 2037-2044.	2.0	72
51	The effects of sampling strategy on the quality of reconstruction of viral population dynamics using Bayesian skyline family coalescent methods: A simulation study. Virus Evolution, 2016, 2, vew003.	2.2	69
52	Global disease burden due to antibiotic resistance â€“ state of the evidence. Journal of Global Health, 2016, 6, 010306.	1.2	90
53	Comparative Assessment of Health Benefits of Praziquantel Treatment of Urogenital Schistosomiasis in Preschool and Primary School-Aged Children. BioMed Research International, 2016, 2016, 1-11.	0.9	16
54	Unbiased whole-genome deep sequencing of human and porcine stool samples reveals circulation of multiple groups of rotaviruses and a putative zoonotic infection. Virus Evolution, 2016, 2, vew027.	2.2	52

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55	Heterogeneous shedding of influenza by human subjects and its implications for epidemiology and control. Scientific Reports, 2016, 6, 38749.	1.6	16
56	Achieving global targets for antimicrobial resistance. Science, 2016, 353, 874-875.	6.0	233
57	Antibiotic resistance is the quintessential One Health issue. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2016, 110, 377-380.	0.7	500
58	UN High-Level Meeting on antimicrobialsâ€"what do we need?. Lancet, The, 2016, 388, 218-220.	6.3	69
59	Distinct immune responses and virus shedding in pigs following aerosol, intra-nasal and contact infection with pandemic swine influenza A virus, A(H1N1)09. Veterinary Research, 2016, 47, 103.	1.1	30
60	Modelling the impact of co-circulating low pathogenic avian influenza viruses on epidemics of highly pathogenic avian influenza in poultry. Epidemics, 2016, 17, 27-34.	1.5	13
61	Using national movement databases to help inform responses to swine disease outbreaks in Scotland: the impact of uncertainty around incursion time. Scientific Reports, 2016, 6, 20258.	1.6	10
62	Using genomics data to reconstruct transmission trees during disease outbreaks. OIE Revue Scientifique Et Technique, 2016, 35, 287-296.	0.5	30
63	Co-infections determine patterns of mortality in a population exposed to parasite infection. Science Advances, 2015, 1, e1400026.	4.7	60
64	The baseline characteristics and interim analyses of the high-risk sentinel cohort of the Vietnam Initiative on Zoonotic InfectiONS (VIZIONS). Scientific Reports, 2015, 5, 17965.	1.6	10
65	Diversity ofBartonellaspp. in Bats, Southern Vietnam. Emerging Infectious Diseases, 2015, 21, 1266-1267.	2.0	31
66	Controlling infectious disease through the targeted manipulation of contact network structure. Epidemics, 2015, 12, 11-19.	1.5	57
67	The epidemiology of tick-borne haemoparasites as determined by the reverse line blot hybridization assay in an intensively studied cohort of calves in western Kenya. Veterinary Parasitology, 2015, 210, 69-76.	0.7	41
68	Identifying and Evaluating Field Indicators of Urogenital Schistosomiasis-Related Morbidity in Preschool-Aged Children. PLoS Neglected Tropical Diseases, 2015, 9, e0003649.	1.3	28
69	A Meta-Analysis of Experimental Studies of Attenuated Schistosoma mansoni Vaccines in the Mouse Model. Frontiers in Immunology, 2015, 6, 85.	2.2	14
70	Antimicrobial resistance in humans, livestock and the wider environment. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140083.	1.8	461
71	Lessons from Ebola: Improving infectious disease surveillance to inform outbreak management. Science Translational Medicine, 2015, 7, 307rv5.	5.8	82
72	Variation and covariation in strongyle infection in East African shorthorn zebu calves. Parasitology, 2015, 142, 499-511.	0.7	3

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73	Efficient national surveillance for health-care-associated infections. BMC Public Health, 2015, 15, 832.	1.2	13
74	The Vietnam Initiative on Zoonotic Infections (VIZIONS): A Strategic Approach to Studying Emerging Zoonotic Infectious Diseases. EcoHealth, 2015, 12, 726-735.	0.9	47
75	Epidemic Reconstruction in a Phylogenetics Framework: Transmission Trees as Partitions of the Node Set. PLoS Computational Biology, 2015, 11, e1004613.	1.5	89
76	Parasite Co-Infections and Their Impact on Survival of Indigenous Cattle. PLoS ONE, 2014, 9, e76324.	1.1	55
77	Not all cows are epidemiologically equal: quantifying the risks of bovine viral diarrhoea virus (BVDV) transmission through cattle movements. Veterinary Research, 2014, 45, 110.	1.1	30
78	Genome-wide analysis reveals the ancient and recent admixture history of East African Shorthorn Zebu from Western Kenya. Heredity, 2014, 113, 297-305.	1.2	74
79	Predicted Impact of Mass Drug Administration on the Development of Protective Immunity against Schistosoma haematobium. PLoS Neglected Tropical Diseases, 2014, 8, e3059.	1.3	21
80	Zero infection. Science, 2014, 346, 1271-1271.	6.0	3
81	Efficient surveillance for healthcare-associated infections spreading between hospitals. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2271-2276.	3.3	46
82	Time-Scaled Evolutionary Analysis of the Transmission and Antibiotic Resistance Dynamics of Staphylococcus aureus Clonal Complex 398. Applied and Environmental Microbiology, 2014, 80, 7275-7282.	1.4	91
83	Policy: An intergovernmental panel on antimicrobial resistance. Nature, 2014, 509, 555-557.	13.7	130
84	A longitudinal assessment of the serological response toTheileria parvaand other tick-borne parasites from birth to one year in a cohort of indigenous calves in western Kenya. Parasitology, 2014, 141, 1289-1298.	0.7	17
85	Comparing parasitological vs serological determination of Schistosoma haematobium infection prevalence in preschool and primary school-aged children: implications for control programmes. Parasitology, 2014, 141, 1962-1970.	0.7	26
86	Suboptimal Herd Performance Amplifies the Spread of Infectious Disease in the Cattle Industry. PLoS ONE, 2014, 9, e93410.	1.1	7
87	Design and descriptive epidemiology of the Infectious Diseases of East African Livestock (IDEAL) project, a longitudinal calf cohort study in western Kenya. BMC Veterinary Research, 2013, 9, 171.	0.7	33
88	Mortality in East African shorthorn zebu cattle under one year: predictors of infectious-disease mortality. BMC Veterinary Research, 2013, 9, 175.	0.7	31
89	Genetic susceptibility to infectious disease in East African Shorthorn Zebu: a genome-wide analysis of the effect of heterozygosity and exotic introgression. BMC Evolutionary Biology, 2013, 13, 246.	3.2	23
90	Ecological and taxonomic variation among human RNA viruses. Journal of Clinical Virology, 2013, 58, 344-345.	1.6	2

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91	Sources of Antimicrobial Resistance. Science, 2013, 341, 1460-1461.	6.0	107
92	Relative associations of cattle movements, local spread, and biosecurity with bovine viral diarrhoea virus (BVDV) seropositivity in beef and dairy herds. Preventive Veterinary Medicine, 2013, 112, 285-295.	0.7	38
93	Impact of changes in cattle movement regulations on the risks of bovine tuberculosis for Scottish farms. Preventive Veterinary Medicine, 2013, 108, 125-136.	0.7	33
94	Society should decide on UK badger cull. Nature, 2013, 498, 434-434.	13.7	4
95	Reconstructing Geographical Movements and Host Species Transitions of Foot-and-Mouth Disease Virus Serotype SAT 2. MBio, 2013, 4, e00591-13.	1.8	50
96	The diversity of human RNA viruses. Future Virology, 2013, 8, 159-171.	0.9	31
97	RNA Viruses: A Case Study of the Biology of Emerging Infectious Diseases. Microbiology Spectrum, 2013, 1, .	1.2	51
98	Vaccination against Foot-And-Mouth Disease: Do Initial Conditions Affect Its Benefit?. PLoS ONE, 2013, 8, e77616.	1.1	32
99	Human viruses: discovery and emergence. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 2864-2871.	1.8	337
100	Protective immunity to Schistosoma haematobium infection is primarily an anti-fecundity response stimulated by the death of adult worms. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13347-13352.	3.3	38
101	Prediction and prevention of the next pandemic zoonosis. Lancet, The, 2012, 380, 1956-1965.	6.3	744
102	Origin and fate of A/H1N1 influenza in Scotland during 2009. Journal of General Virology, 2012, 93, 1253-1260.	1.3	14
103	How to make predictions about future infectious disease risks. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2045-2054.	1.8	124
104	Schistosome Infection Intensity Is Inversely Related to Auto-Reactive Antibody Levels. PLoS ONE, 2011, 6, e19149.	1.1	41
105	Sero-Prevalence and Incidence of A/H1N1 2009 Influenza Infection in Scotland in Winter 2009â€“2010. PLoS ONE, 2011, 6, e20358.	1.1	11
106	Relationship Between Clinical Signs and Transmission of an Infectious Disease and the Implications for Control. Science, 2011, 332, 726-729.	6.0	129
107	Escherichia coliO157 infection on Scottish cattle farms: dynamics and control. Journal of the Royal Society Interface, 2011, 8, 1051-1058.	1.5	12
108	Explaining Observed Infection and Antibody Age-Profiles in Populations with Urogenital Schistosomiasis. PLoS Computational Biology, 2011, 7, e1002237.	1.5	23

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109	Sheep Movement Networks and the Transmission of Infectious Diseases. PLoS ONE, 2010, 5, e11185.	1.1	72
110	Spread of E. coli O157 infection among Scottish cattle farms: Stochastic models and model selection. Epidemics, 2010, 2, 11-20.	1.5	16
111	Potential for transmission of infections in networks of cattle farms. Epidemics, 2010, 2, 116-122.	1.5	40
112	Estimating risk factors for farm-level transmission of disease: Foot and mouth disease during the 2001 epidemic in Great Britain. Epidemics, 2010, 2, 109-115.	1.5	16
113	Statistical modeling of holding level susceptibility to infection during the 2001 foot and mouth disease epidemic in Great Britain. International Journal of Infectious Diseases, 2010, 14, e210-e215.	1.5	29
114	INFERENCE FOR INDIVIDUAL-LEVEL MODELS OF INFECTIOUS DISEASES IN LARGE POPULATIONS. Statistica Sinica, 2010, 20, 239-261.	0.2	57
115	The role of pre-emptive culling in the control of foot-and-mouth disease. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3239-3248.	1.2	84
116	Evaluating different PrP genotype selection strategies for expected severity of scrapie outbreaks and genetic progress in performance in commercial sheep. Preventive Veterinary Medicine, 2009, 91, 161-171.	0.7	11
117	Exploiting strain diversity to expose transmission heterogeneities and predict the impact of targeting supershedding. Epidemics, 2009, 1, 221-229.	1.5	20
118	Geographic and topographic determinants of local FMD transmission applied to the 2001 UK FMD epidemic. BMC Veterinary Research, 2008, 4, 40.	0.7	19
119	Emerging diseases go global. Nature, 2008, 451, 898-899.	13.7	56
120	Super-shedding and the link between human infection and livestock carriage of Escherichia coli O157. Nature Reviews Microbiology, 2008, 6, 904-912.	13.6	300
121	The predicted impact of immunosuppression upon population ageâ€“intensity profiles for schistosomiasis. Parasite Immunology, 2008, 30, 462-470.	0.7	14
122	Detection of mortality clusters associated with highly pathogenic avian influenza in poultry: a theoretical analysis. Journal of the Royal Society Interface, 2008, 5, 1409-1419.	1.5	19
123	Accuracy of models for the 2001 foot-and-mouth epidemic. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1459-1468.	1.2	68
124	Temporal trends in the discovery of human viruses. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 2111-2115.	1.2	106
125	Risk Factors for the Presence of High-Level Shedders of Escherichia coli O157 on Scottish Farms. Journal of Clinical Microbiology, 2007, 45, 1594-1603.	1.8	137
126	Ecological Origins of Novel Human Pathogens. Critical Reviews in Microbiology, 2007, 33, 231-242.	2.7	304

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127	Metapopulation dynamics of Escherichia coli O157 in cattle: an exploratory model. Journal of the Royal Society Interface, 2007, 4, 917-924.	1.5	13
128	Vaccination strategies for foot-and-mouth disease (reply). Nature, 2007, 445, E12-E13.	13.7	6
129	Emergence of new infectious diseases. , 2007, , 215-228.		7
130	Topographic determinants of foot and mouth disease transmission in the UK 2001 epidemic. BMC Veterinary Research, 2006, 2, 3.	0.7	37
131	Silent spread of H5N1 in vaccinated poultry. Nature, 2006, 442, 757-757.	13.7	121
132	Optimal reactive vaccination strategies for a foot-and-mouth outbreak in the UK. Nature, 2006, 440, 83-86.	13.7	216
133	Molecular characterisation of bovine faecal Escherichia coli shows persistence of defined ampicillin resistant strains and the presence of class 1 integrons on an organic beef farm. Veterinary Microbiology, 2006, 115, 250-257.	0.8	41
134	Herd-level risk factors associated with the presence of Phage type 21/28 E. coli O157 on Scottish cattle farms. BMC Microbiology, 2006, 6, 99.	1.3	20
135	Heterogeneous shedding of Escherichia coli O157 in cattle and its implications for control. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 547-552.	3.3	235
136	Infectious Diseases: Preparing for the Future. Science, 2006, 313, 1392-1393.	6.0	160
137	Where Do Emerging Pathogens Come from?. Microbe Magazine, 2006, 1, 511-515.	0.4	27
138	Quantifying the level of under-detection of Trypanosoma brucei rhodesiense sleeping sickness cases. Tropical Medicine and International Health, 2005, 10, 840-849.	1.0	96
139	New approaches to quantifying the spread of infection. Nature Reviews Microbiology, 2005, 3, 529-536.	13.6	66
140	Dangers of moving cows. Nature, 2005, 435, 431-432.	13.7	6
141	Host Range and Emerging and Reemerging Pathogens. Emerging Infectious Diseases, 2005, 11, 1842-1847.	2.0	1,170
142	Molecular Epidemiology of Antimicrobial-Resistant Commensal Escherichia coli Strains in a Cohort of Newborn Calves. Applied and Environmental Microbiology, 2005, 71, 6680-6688.	1.4	31
143	Emerging pathogens: the epidemiology and evolution of species jumps. Trends in Ecology and Evolution, 2005, 20, 238-244.	4.2	597
144	Epidemiological implications of the contact network structure for cattle farms and the 20â€“80 rule. Biology Letters, 2005, 1, 350-352.	1.0	90

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145	Genotype-level variation in lifetime breeding success, litter size and survival of sheep in scrapie-affected flocks. Journal of General Virology, 2005, 86, 1229-1238.	1.3	15
146	Age-Related Decline in Carriage of Ampicillin-Resistant Escherichia coli in Young Calves. Applied and Environmental Microbiology, 2004, 70, 6927-6930.	1.4	40
147	High frequency transfer and horizontal spread of apramycin resistance in calf faecal Escherichia coli. Journal of Antimicrobial Chemotherapy, 2004, 54, 534-537.	1.3	39
148	Acquisition and epidemiology of antibiotic-resistant Escherichia coli in a cohort of newborn calves. Journal of Antimicrobial Chemotherapy, 2004, 53, 867-871.	1.3	47
149	Mathematical Models of the Epidemiology andControl of Foot-and-Mouth Disease. , 2004, , 356-381.		3
150	Chemotherapy-induced, age-related changes in antischistosome antibody responses. Parasite Immunology, 2003, 25, 87-97.	0.7	26
151	Foot-and-mouth disease in the UK: What should we do next time?. Journal of Applied Microbiology, 2003, 94, 126-130.	1.4	34
152	Modelling vaccination strategies against foot-and-mouth disease. Nature, 2003, 421, 136-142.	13.7	375
153	Contrasting cellular responses in Schistosoma haematobium infected and exposed individuals from areas of high and low transmission in Zimbabwe. Immunology Letters, 2003, 88, 249-256.	1.1	14
154	Neighbourhood control policies and the spread of infectious diseases. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1659-1666.	1.2	39
155	The construction and analysis of epidemic trees with reference to the 2001 UK footâ€“andâ€“mouth outbreak. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 121-127.	1.2	146
156	Footâ€andâ€mouth disease virus infection of sheep: implications for diagnosis and control. Veterinary Record, 2002, 150, 724-727.	0.2	53
157	Population biology of emerging and re-emerging pathogens. Trends in Microbiology, 2002, 10, s3-s7.	3.5	266
158	Theileria annulata: virulence and transmission from single and mixed clone infections in cattle. Experimental Parasitology, 2002, 100, 186-195.	0.5	21
159	Dose-dependent Responses of Sheep Inoculated Intranasally with a Type O Foot-and-mouth Disease Virus. Journal of Comparative Pathology, 2002, 127, 22-29.	0.1	18
160	Biological and biomedical implications of the co-evolution of pathogens and their hosts. Nature Genetics, 2002, 32, 569-577.	9.4	729
161	Serial passage of foot-and-mouth disease virus in sheep reveals declining levels of viraemia over time. Journal of General Virology, 2002, 83, 1907-1914.	1.3	33
162	Population genetics of the schistosome intermediate hostBiomphalaria pfeifferiin the Zimbabwean highveld: implications for co-evolutionary theory. Annals of Tropical Medicine and Parasitology, 2001, 95, 203-214.	1.6	25

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163	Spatio-temporal genetic variability in the schistosome intermediate host Biomphalaria pfeifferi. Annals of Tropical Medicine and Parasitology, 2001, 95, 515-527.	1.6	7
164	Population dynamics of a scrapie outbreak. Archives of Virology, 2001, 146, 1173-1186.	0.9	32
165	Managing foot-and-mouth. Nature, 2001, 410, 515-516.	13.7	55
166	Foot-and-mouth disease under control in the UK. Nature, 2001, 411, 258-259.	13.7	125
167	Dynamics of the 2001 UK Foot and Mouth Epidemic: Stochastic Dispersal in a Heterogeneous Landscape. Science, 2001, 294, 813-817.	6.0	765
168	Spatio-temporal genetic variability in the schistosome intermediate host Biomphalaria pfeifferi. Annals of Tropical Medicine and Parasitology, 2001, 95, 515-527.	1.6	17
169	Tradeâ€“offs in the evolution of virulence in an indirectly transmitted macroparasite. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 251-257.	1.2	98
170	Population Biology of Multihost Pathogens. Science, 2001, 292, 1109-1112.	6.0	632
171	Exposure, infection and immune responses to Schistosoma haematobium in young children. Parasitology, 2000, 120, 37-44.	0.7	45
172	Stochastic simulation and the detection of immunity to schistosome infections. Parasitology, 2000, 120, 161-169.	0.7	15
173	Coccidiosis in the European badger (Meles meles) from England, an epidemiological study. Parasitology, 2000, 120, 255-260.	0.7	22
174	Cost of resistance: relationship between reduced fertility and increased resistance in a snailâ€"schistosome hostâ€"parasite system. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 391-396.	1.2	161
175	Population dynamics of scrapie in a sheep flock. Philosophical Transactions of the Royal Society B: Biological Sciences, 1999, 354, 751-756.	1.8	26
176	Aggregation and distribution of strains in microparasites. Philosophical Transactions of the Royal Society B: Biological Sciences, 1999, 354, 799-807.	1.8	45
177	Epidemiology of an intestinal parasite (Spirometra spp.) in two populations of African lions (Panthera) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	23
178	Hostâ€"parasite population genetics: a cross-sectional comparison of Bulinus globosus and Schistosoma haematobium. Parasitology, 1999, 119, 295-302.	0.7	80
179	Characterizing sequence variation in the VP1 capsid proteins of foot and mouth disease virus (serotype 0) with respect to virion structure. Journal of Molecular Evolution, 1998, 46, 465-475.	0.8	22
180	Epidemiology and control of scrapie within a sheep flock. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 1205-1210.	1.2	60

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181	Chemotherapy Accelerates the Development of Acquired Immune Responses toSchistosoma haematobiumInfection. Journal of Infectious Diseases, 1998, 178, 289-293.	1.9	117
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