Cerian R Webb

List of Publications by Year
in descending order

26 papers	1,431 citations	516215 16 h-index	580395 25 g-index
26 all docs	26 docs citations	26 times ranked	1979 citing authors

#	Article	IF	Citations
1	Meticillin-resistant Staphylococcus aureus with a novel mecA homologue in human and bovine populations in the UK and Denmark: a descriptive study. Lancet Infectious Diseases, The, 2011, 11, 595-603.	4.6	751
2	Dynamics of bacterial growth and distribution within the liver duringSalmonellainfection. Cellular Microbiology, 2003, 5, 593-600.	1.1	126
3	Key questions for modelling COVID-19 exit strategies. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201405.	1.2	106
4	Farm animal networks: unraveling the contact structure of the British sheep population. Preventive Veterinary Medicine, 2005, 68, 3-17.	0.7	62
5	Assessing the efficacy of a ram-genotyping programme to reduce susceptibility to scrapie in Great Britain. Preventive Veterinary Medicine, 2002, 56, 227-249.	0.7	49
6	Investigating the potential spread of infectious diseases of sheep via agricultural shows in Great Britain. Epidemiology and Infection, 2006, 134, 31-40.	1.0	44
7	Assessing the role of contact tracing in a suspected H7N2 influenza A outbreak in humans in Wales. BMC Infectious Diseases, 2010, 10, 141.	1.3	32
8	A novel field-based approach to validate the use of network models for disease spread between dairy herds. Epidemiology and Infection, 2011, 139, 1863-1874.	1.0	28
9	A Model for the Temporal Buildup of Polymyxa betae. Phytopathology, 1999, 89, 30-38.	1.1	24
10	Scrapie surveillance in Great Britain: results of an abattoir survey, 1997/98. Veterinary Record, 2000, 146, 391-395.	0.2	23
11	Construction of networks with intrinsic temporal structure from UK cattle movement data. BMC Veterinary Research, 2008, 4, 11.	0.7	22
12	Modelling the effect of temperature on the development of Polymyxa betae. Plant Pathology, 2000, 49, 600-607.	1.2	20
13	Modelling the Dynamical Components of the Sugar Beet Crop. Annals of Botany, 1997, 80, 427-436.	1.4	19
14	Monte Carlo simulation of surveillance strategies for scrapie in Norwegian sheep. Preventive Veterinary Medicine, 2003, 61, 103-125.	0.7	18
15	Asymptotic analysis of an epidemic model with primary and secondary infection. Bulletin of Mathematical Biology, 1997, 59, 1101-1123.	0.9	17
16	Simulation of the options for a national control programme to eradicate scrapie from Great Britain. Preventive Veterinary Medicine, 2005, 69, 175-187.	0.7	16
17	Prevalence of scrapie infection in Great Britain: interpreting the results of the 1997â€“1998 abattoir survey. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1919-1924.	1.2	12
18	A stochastic model to estimate the prevalence of scrapie in Great Britain using the results of an abattoir-based survey. Preventive Veterinary Medicine, 2001, 51, 269-287.	0.7	11

#	Article	IF	Citations
19	A mathematical model for assessing the impact of poverty on yaws eradication. Applied Mathematical Modelling, 2012, 36, 1653-1667.	2.2	10
20	Challenges on the interaction of models and policy for pandemic control. Epidemics, 2021, 37, 100499.	1.5	9
21	Quantitative Analysis and Model Simplification of an Epidemic Model with Primary and Secondary Infection. Bulletin of Mathematical Biology, 2000, 62, 377-393.	0.9	8
22	Postal survey of contacts between cattle farms on the Isle of Lewis. Veterinary Record, 2010, 166, 37-40.	0.2	6
23	Bluetongue serotype 8 vaccine coverage in northern and southâ€eastern England in 2008. Veterinary Record, 2011, 168, 428-428.	0.2	6
24	Predicting the potential for spread of emerald ash borer (Agrilus planipennis) in Great Britain: What can we learn from other affected areas?. Plants People Planet, 2021, 3, 402-413.	1.6	5
25	Estimating expansion of the range of oak processionary moth (Thaumetopoea processionea) in the UK from 2006 to 2019. Agricultural and Forest Entomology, 0, , .	0.7	5
26	Scientific study of bluetongue vaccine uptake and efficacy. Veterinary Record, 2008, 162, 831-831.	0.2	2