

# Cerian R Webb

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Predicting the potential for spread of emerald ash borer ( <i>Agrilus planipennis</i> ) in Great Britain: What can we learn from other affected areas?. <i>Plants People Planet</i> , 2021, 3, 402-413.	1.6	5
2	Challenges on the interaction of models and policy for pandemic control. <i>Epidemics</i> , 2021, 37, 100499.	1.5	9
3	Key questions for modelling COVID-19 exit strategies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201405.	1.2	106
4	A mathematical model for assessing the impact of poverty on yaws eradication. <i>Applied Mathematical Modelling</i> , 2012, 36, 1653-1667.	2.2	10
5	A novel field-based approach to validate the use of network models for disease spread between dairy herds. <i>Epidemiology and Infection</i> , 2011, 139, 1863-1874.	1.0	28
6	Meticillin-resistant <i>Staphylococcus aureus</i> with a novel <i>mecA</i> homologue in human and bovine populations in the UK and Denmark: a descriptive study. <i>Lancet Infectious Diseases</i> , The, 2011, 11, 595-603.	4.6	751
7	Bluetongue serotype 8 vaccine coverage in northern and south-eastern England in 2008. <i>Veterinary Record</i> , 2011, 168, 428-428.	0.2	6
8	Assessing the role of contact tracing in a suspected H7N2 influenza A outbreak in humans in Wales. <i>BMC Infectious Diseases</i> , 2010, 10, 141.	1.3	32
9	Postal survey of contacts between cattle farms on the Isle of Lewis. <i>Veterinary Record</i> , 2010, 166, 37-40.	0.2	6
10	Construction of networks with intrinsic temporal structure from UK cattle movement data. <i>BMC Veterinary Research</i> , 2008, 4, 11.	0.7	22
11	Scientific study of bluetongue vaccine uptake and efficacy. <i>Veterinary Record</i> , 2008, 162, 831-831.	0.2	2
12	Investigating the potential spread of infectious diseases of sheep via agricultural shows in Great Britain. <i>Epidemiology and Infection</i> , 2006, 134, 31-40.	1.0	44
13	Simulation of the options for a national control programme to eradicate scrapie from Great Britain. <i>Preventive Veterinary Medicine</i> , 2005, 69, 175-187.	0.7	16
14	Farm animal networks: unraveling the contact structure of the British sheep population. <i>Preventive Veterinary Medicine</i> , 2005, 68, 3-17.	0.7	62
15	Monte Carlo simulation of surveillance strategies for scrapie in Norwegian sheep. <i>Preventive Veterinary Medicine</i> , 2003, 61, 103-125.	0.7	18
16	Dynamics of bacterial growth and distribution within the liver during <i>Salmonella</i> infection. <i>Cellular Microbiology</i> , 2003, 5, 593-600.	1.1	126
17	Prevalence of scrapie infection in Great Britain: interpreting the results of the 1997-1998 abattoir survey. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1919-1924.	1.2	12
18	Assessing the efficacy of a ram-genotyping programme to reduce susceptibility to scrapie in Great Britain. <i>Preventive Veterinary Medicine</i> , 2002, 56, 227-249.	0.7	49

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19	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
20	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
21	Modelling the effect of temperature on the development of Polymyxa betae. Plant Pathology, 2000, 49, 600-607.	1.2	20
22	Scrapie surveillance in Great Britain: results of an abattoir survey, 1997/98. Veterinary Record, 2000, 146, 391-395.	0.2	23
23	A Model for the Temporal Buildup of Polymyxa betae. Phytopathology, 1999, 89, 30-38.	1.1	24
24	Modelling the Dynamical Components of the Sugar Beet Crop. Annals of Botany, 1997, 80, 427-436.	1.4	19
25	Asymptotic analysis of an epidemic model with primary and secondary infection. Bulletin of Mathematical Biology, 1997, 59, 1101-1123.	0.9	17
26	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