

# Andrew J K Conlan

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

2,890  
citations

331670

21  
h-index

214800

47  
g-index

60  
all docs

60  
docs citations

60  
times ranked

4203  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness of isolation, testing, contact tracing, and physical distancing on reducing transmission of SARS-CoV-2 in different settings: a mathematical modelling study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 1151-1160.	9.1	710
2	The dynamics of measles in sub-Saharan Africa. <i>Nature</i> , 2008, 451, 679-684.	27.8	305
3	Multiple spillovers from humans and onward transmission of SARS-CoV-2 in white-tailed deer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	164
4	Evidence-based control of canine rabies: a critical review of population density reduction. <i>Journal of Animal Ecology</i> , 2013, 82, 6-14.	2.8	163
5	Estimating the Hidden Burden of Bovine Tuberculosis in Great Britain. <i>PLoS Computational Biology</i> , 2012, 8, e1002730.	3.2	117
6	The demography of free-roaming dog populations and applications to disease and population control. <i>Journal of Applied Ecology</i> , 2014, 51, 1096-1106.	4.0	101
7	Recurrence of bovine tuberculosis breakdowns in Great Britain: Risk factors and prediction. <i>Preventive Veterinary Medicine</i> , 2011, 102, 22-29.	1.9	94
8	Time is of the essence: exploring a measles outbreak response vaccination in Niamey, Niger. <i>Journal of the Royal Society Interface</i> , 2008, 5, 67-74.	3.4	80
9	Seasonality and the persistence and invasion of measles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1133-1141.	2.6	69
10	Prevalence of Bovine Tuberculosis in India: A systematic review and meta-analysis. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 1627-1640.	3.0	66
11	Age-dependent patterns of bovine tuberculosis in cattle. <i>Veterinary Research</i> , 2013, 44, 97.	3.0	57
12	Measuring social networks in British primary schools through scientific engagement. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1467-1475.	2.6	54
13	Resolving the impact of waiting time distributions on the persistence of measles. <i>Journal of the Royal Society Interface</i> , 2010, 7, 623-640.	3.4	48
14	Predicting prolonged bovine tuberculosis breakdowns in Great Britain as an aid to control. <i>Preventive Veterinary Medicine</i> , 2010, 97, 183-190.	1.9	47
15	Modeling Long-term Vaccination Strategies With MenAfriVac in the African Meningitis Belt. <i>Clinical Infectious Diseases</i> , 2015, 61, S594-S600.	5.8	47
16	Competing Isogenic <i>Campylobacter</i> Strains Exhibit Variable Population Structures In Vivo. <i>Applied and Environmental Microbiology</i> , 2008, 74, 3857-3867.	3.1	46
17	<i>Campylobacter jejuni</i> colonization and transmission in broiler chickens: a modelling perspective. <i>Journal of the Royal Society Interface</i> , 2007, 4, 819-829.	3.4	42
18	Prevalence of bovine tuberculosis and its associated risk factors in the emerging dairy belts of regional cities in Ethiopia. <i>Preventive Veterinary Medicine</i> , 2019, 168, 81-89.	1.9	42

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19	Norovirus transmission dynamics: a modelling review. <i>Epidemiology and Infection</i> , 2018, 146, 147-158.	2.1	41
20	Estimation of the Relative Sensitivity of the Comparative Tuberculin Skin Test in Tuberculous Cattle Herds Subjected to Depopulation. <i>PLoS ONE</i> , 2012, 7, e43217.	2.5	39
21	Potential Benefits of Cattle Vaccination as a Supplementary Control for Bovine Tuberculosis. <i>PLoS Computational Biology</i> , 2015, 11, e1004038.	3.2	28
22	Transmission and doseâ€“response experiments for social animals: a reappraisal of the colonization biology of <i>Campylobacter jejuni</i> in chickens. <i>Journal of the Royal Society Interface</i> , 2011, 8, 1720-1735.	3.4	24
23	Network analysis of dairy cattle movement and associations with bovine tuberculosis spread and control in emerging dairy belts of Ethiopia. <i>BMC Veterinary Research</i> , 2019, 15, 262.	1.9	23
24	Milk and meat consumption patterns and the potential risk of zoonotic disease transmission among urban and peri-urban dairy farmers in Ethiopia. <i>BMC Public Health</i> , 2022, 22, 222.	2.9	23
25	Genetic Predisposition to Pass the Standard SICCT Test for Bovine Tuberculosis in British Cattle. <i>PLoS ONE</i> , 2013, 8, e58245.	2.5	20
26	Inferring <i>Mycobacterium bovis</i> transmission between cattle and badgers using isolates from the Randomised Badger Culling Trial. <i>PLoS Pathogens</i> , 2021, 17, e1010075.	4.7	20
27	A Meta-Analysis of the Effect of <i>Bacillus Calmette-GuÃ©rin</i> Vaccination Against Bovine Tuberculosis: Is Perfect the Enemy of Good?. <i>Frontiers in Veterinary Science</i> , 2021, 8, 637580.	2.2	19
28	Schoolâ€™s Out: Seasonal Variation in the Movement Patterns of School Children. <i>PLoS ONE</i> , 2015, 10, e0128070.	2.5	18
29	A Defined Antigen Skin Test That Enables Implementation of BCG Vaccination for Control of Bovine Tuberculosis: Proof of Concept. <i>Frontiers in Veterinary Science</i> , 2020, 7, 391.	2.2	14
30	Transmission history of SARS-CoV-2 in humans and white-tailed deer. <i>Scientific Reports</i> , 2022, 12, .	3.3	13
31	Comparison of Challenge Models for Determining the Colonization Dose of <i>Campylobacter jejuni</i> in Broiler Chicks. <i>Poultry Science</i> , 2008, 87, 1700-1706.	3.4	12
32	Evaluation of the Efficacy of BCG in Protecting Against Contact Challenge With Bovine Tuberculosis in Holstein-Friesian and Zebu Crossbred Calves in Ethiopia. <i>Frontiers in Veterinary Science</i> , 2021, 8, 702402.	2.2	11
33	Risk factors and variations in detection of new bovine tuberculosis breakdowns via slaughterhouse surveillance in Great Britain. <i>PLoS ONE</i> , 2018, 13, e0198760.	2.5	10
34	Structure and consistency of self-reported social contact networks in British secondary schools. <i>PLoS ONE</i> , 2018, 13, e0200090.	2.5	10
35	Modelling norovirus transmission and vaccination. <i>Vaccine</i> , 2018, 36, 5565-5571.	3.8	9
36	Population structure and transmission of <i>Mycobacterium bovis</i> in Ethiopia. <i>Microbial Genomics</i> , 2021, 7, .	2.0	9

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37	The variable prevalence of bovine tuberculosis among dairy herds in Central Ethiopia provides opportunities for targeted intervention. PLoS ONE, 2021, 16, e0254091.	2.5	9
38	The intractable challenge of evaluating cattle vaccination as a control for bovine Tuberculosis. ELife, 2018, 7, .	6.0	8
39	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
40	Effect of Bovine Tuberculosis on Selected Productivity Parameters and Trading in Dairy Cattle Kept Under Intensive Husbandry in Central Ethiopia. Frontiers in Veterinary Science, 2021, 8, 698768.	2.2	4
41	Productivity loss and cost of bovine tuberculosis for the dairy livestock sector in Ethiopia. Preventive Veterinary Medicine, 2022, 202, 105616.	1.9	4
42	Understanding the Role of Duration of Vaccine Protection with MenAfriVac: Simulating Alternative Vaccination Strategies. Microorganisms, 2021, 9, 461.	3.6	3
43	Testing the dairy difference. Veterinary Journal, 2016, 217, 134-135.	1.7	2
44	A case of early neonate bovine tuberculosis in Ethiopia. Clinical Case Reports (discontinued), 2021, 9, 487-490.	0.5	2
45	Efficient Bayesian Model Choice for Partially Observed Processes: With Application to an Experimental Transmission Study of an Infectious Disease. Bayesian Analysis, 2020, 15, .	3.0	2
46	Diagnostic assays for glanders. Veterinary Record, 2011, 169, 663-663.	0.3	0