Nicholas J Savill

List of Publications by Year
in descending order

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34	1,260	394421 19	501196 28
papers	citations	h-index	g-index

34	34	34	1515
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Organization of minicircle cassettes and guide RNA genes in Trypanosoma brucei. Rna, 2022, 28, 972-992.	3.5	6
2	Epidemiology and control of maedi-visna virus: Curing the flock. PLoS ONE, 2020, 15, e0238781.	2.5	15
3	Ecological divergence and hybridization of Neotropical Leishmania parasites. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25159-25168.	7.1	60
4	A receptor for the complement regulator factor H increases transmission of trypanosomes to tsetse flies. Nature Communications, 2020, 11, 1326.	12.8	23
5	Epidemiology and control of maedi-visna virus: Curing the flock. , 2020, 15, e0238781.		0
6	Epidemiology and control of maedi-visna virus: Curing the flock. , 2020, 15, e0238781.		0
7	Epidemiology and control of maedi-visna virus: Curing the flock. , 2020, 15, e0238781.		0
8	Epidemiology and control of maedi-visna virus: Curing the flock. , 2020, 15, e0238781.		0
9	Epidemiology and control of maedi-visna virus: Curing the flock. , 2020, 15, e0238781.		0
10	Epidemiology and control of maedi-visna virus: Curing the flock. , 2020, 15, e0238781.		0
11	Host circadian rhythms are disrupted during malaria infection in parasite genotype-specific manners. Scientific Reports, 2019, 9, 10905.	3.3	26
12	Plasticity and genetic variation in traits underpinning asexual replication of the rodent malaria parasite, Plasmodium chabaudi. Malaria Journal, 2019, 18, 222.	2.3	11
13	Assembly and annotation of the mitochondrial minicircle genome of a differentiation-competent strain of Trypanosoma brucei. Nucleic Acids Research, 2019, 47, 11304-11325.	14.5	42
14	The Challenge of Quantifying Synchrony in Malaria Parasites. Trends in Parasitology, 2019, 35, 341-355.	3.3	16
15	Mitochondrial DNA is critical for longevity and metabolism of transmission stage Trypanosoma brucei. PLoS Pathogens, 2018, 14, e1007195.	4.7	45
16	Timing of host feeding drives rhythms in parasite replication. PLoS Pathogens, 2018, 14, e1006900.	4.7	48
17	Predicted Impact of Mass Drug Administration on the Development of Protective Immunity against Schistosoma haematobium. PLoS Neglected Tropical Diseases, 2014, 8, e3059.	3.0	21
18	Quantitative Analysis of Porcine Reproductive and Respiratory Syndrome (PRRS) Viremia Profiles from Experimental Infection: A Statistical Modelling Approach. PLoS ONE, 2013, 8, e83567.	2.5	35

#	Article	IF	Citations
19	Trypanosomal immune evasion, chronicity and transmission: an elegant balancing act. Nature Reviews Microbiology, 2012, 10, 431-438.	28.6	104
20	Causes of Variation in Malaria Infection Dynamics: Insights from Theory and Data. American Naturalist, 2011, 178, E174-E188.	2.1	26
21	Transmission Stages Dominate Trypanosome Within-Host Dynamics during Chronic Infections. Cell Host and Microbe, 2011, 9, 310-318.	11.0	87
22	Quantitative Analysis of Immune Response and Erythropoiesis during Rodent Malarial Infection. PLoS Computational Biology, 2010, 6, e1000946.	3.2	30
23	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.	3.0	16
24	Quantitative Analysis of Mechanisms That Govern Red Blood Cell Age Structure and Dynamics during Anaemia. PLoS Computational Biology, 2009, 5, e1000416.	3.2	48
25	Geographic and topographic determinants of local FMD transmission applied to the 2001 UK FMD epidemic. BMC Veterinary Research, 2008, 4, 40.	1.9	19
26	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.	3.4	19
27	Understanding and Predicting Strainâ€Specific Patterns of Pathogenesis in the Rodent MalariaPlasmodium chabaudi. American Naturalist, 2008, 172, E214-E238.	2.1	65
28	Accuracy of models for the 2001 foot-and-mouth epidemic. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1459-1468.	2.6	68
29	Effect of data quality on estimates of farm infectiousness trends in the UK 2001 foot-and-mouth disease epidemic. Journal of the Royal Society Interface, 2007, 4, 235-241.	3.4	17
30	Vaccination strategies for foot-and-mouth disease (reply). Nature, 2007, 445, E12-E13.	27.8	6
31	Topographic determinants of foot and mouth disease transmission in the UK 2001 epidemic. BMC Veterinary Research, 2006, 2, 3.	1.9	37
32	Silent spread of H5N1 in vaccinated poultry. Nature, 2006, 442, 757-757.	27.8	121
33	Optimal reactive vaccination strategies for a foot-and-mouth outbreak in the UK. Nature, 2006, 440, 83-86.	27.8	216
34	A theoretical study of random segregation of minicircles in trypanosomatids. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 611-620.	2.6	33