Rachel A Taylor

List of Publications by Year
in descending order

20 papers	476 citations	840776 11 h-index	752698 20 g-index
26 all docs	26 docs citations	26 times ranked	619 citing authors

#	Article	IF	Citations
1	Modelling the temperature suitability for the risk of West Nile Virus establishment in European Culex pipiens populations. Transboundary and Emerging Diseases, 2022, 69, .	3.0	9
2	Microbial risk assessment of Escherichia coli shiga-toxin producers (STEC) in raw sheep's milk cheeses in Italy. Food Control, 2022, 137, 108951.	5.5	7
3	Predicting spread and effective control measures for African swine feverâ€"Should we blame the boars?. Transboundary and Emerging Diseases, 2021, 68, 397-416.	3.0	28
4	A semi-quantitative model for ranking the risk of incursion of exotic animal pathogens into a European Union Member State. Microbial Risk Analysis, 2021, 18, 100175.	2.3	5
5	A user-friendly decision support tool to assist one-health risk assessors. One Health, 2021, 13, 100266.	3.4	2
6	Cross-Validation of Generic Risk Assessment Tools for Animal Disease Incursion Based on a Case Study for African Swine Fever. Frontiers in Veterinary Science, 2020, 7, 56.	2.2	12
7	The effect of seasonal strength and abruptness on predatorâ€"prey dynamics. Journal of Theoretical Biology, 2020, 491, 110175.	1.7	9
8	Livestock Health and Food Chain Risk Assessment. EFSA Journal, 2020, 18, e181111.	1.8	1
9	A generic framework for spatial quantitative risk assessments of infectious diseases: Lumpy skin disease case study. Transboundary and Emerging Diseases, 2019, 66, 131-143.	3.0	23
10	Predicting the fundamental thermal niche of crop pests and diseases in a changing world: A case study on citrus greening. Journal of Applied Ecology, 2019, 56, 2057-2068.	4.0	24
11	A spatial risk assessment model framework for incursion of exotic animal disease into the European Union Member States. Microbial Risk Analysis, 2019, 13, 100075.	2.3	26
12	Plasmodium vivax readiness to transmit: implication for malaria eradication. BMC Systems Biology, 2019, 13, 5.	3.0	14
13	Evaluating a mixed abioticâ€"biotic model for the distribution and host contact rates of an arthropod vector of pathogens: An example with Ixodes ricinus (Ixodidae). Microbial Risk Analysis, 2019, 13, 100067.	2.3	2
14	The Risk of Infection by African Swine Fever Virus in European Swine Through Boar Movement and Legal Trade of Pigs and Pig Meat. Frontiers in Veterinary Science, 2019, 6, 486.	2.2	57
15	Moving forward in circles: challenges and opportunities in modelling population cycles. Ecology Letters, 2017, 20, 1074-1092.	6.4	100
16	Hunting, food subsidies, and mesopredator release: the dynamics of cropâ€raiding baboons in a managed landscape. Ecology, 2016, 97, 951-960.	3.2	23
17	Mathematical models are a powerful method to understand and control the spread of Huanglongbing. PeerJ, 2016, 4, e2642.	2.0	52
18	Seasonal forcing in a hostâ€"macroparasite system. Journal of Theoretical Biology, 2015, 365, 55-66.	1.7	6

#	Article	IF	Citations
19	Seasonal forcing and multi-year cycles in interacting populations: lessons from a predatorâ€“prey model. Journal of Mathematical Biology, 2013, 67, 1741-1764.	1.9	32
20	How do variations in seasonality affect population cycles?. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122714.	2.6	30