

# Rachel A Taylor

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Moving forward in circles: challenges and opportunities in modelling population cycles. <i>Ecology Letters</i> , 2017, 20, 1074-1092.	6.4	100
2	The Risk of Infection by African Swine Fever Virus in European Swine Through Boar Movement and Legal Trade of Pigs and Pig Meat. <i>Frontiers in Veterinary Science</i> , 2019, 6, 486.	2.2	57
3	Mathematical models are a powerful method to understand and control the spread of Huanglongbing. <i>PeerJ</i> , 2016, 4, e2642.	2.0	52
4	Seasonal forcing and multi-year cycles in interacting populations: lessons from a predator-prey model. <i>Journal of Mathematical Biology</i> , 2013, 67, 1741-1764.	1.9	32
5	How do variations in seasonality affect population cycles?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122714.	2.6	30
6	Predicting spread and effective control measures for African swine fever: Should we blame the boars?. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 397-416.	3.0	28
7	A spatial risk assessment model framework for incursion of exotic animal disease into the European Union Member States. <i>Microbial Risk Analysis</i> , 2019, 13, 100075.	2.3	26
8	Predicting the fundamental thermal niche of crop pests and diseases in a changing world: A case study on citrus greening. <i>Journal of Applied Ecology</i> , 2019, 56, 2057-2068.	4.0	24
9	Hunting, food subsidies, and mesopredator release: the dynamics of crop-raiding baboons in a managed landscape. <i>Ecology</i> , 2016, 97, 951-960.	3.2	23
10	A generic framework for spatial quantitative risk assessments of infectious diseases: Lumpy skin disease case study. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 131-143.	3.0	23
11	<i>Plasmodium vivax</i> readiness to transmit: implication for malaria eradication. <i>BMC Systems Biology</i> , 2019, 13, 5.	3.0	14
12	Cross-Validation of Generic Risk Assessment Tools for Animal Disease Incursion Based on a Case Study for African Swine Fever. <i>Frontiers in Veterinary Science</i> , 2020, 7, 56.	2.2	12
13	The effect of seasonal strength and abruptness on predator-prey dynamics. <i>Journal of Theoretical Biology</i> , 2020, 491, 110175.	1.7	9
14	Modelling the temperature suitability for the risk of West Nile Virus establishment in European <i>Culex pipiens</i> populations. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	3.0	9
15	Microbial risk assessment of <i>Escherichia coli</i> shiga-toxin producers (STEC) in raw sheep's milk cheeses in Italy. <i>Food Control</i> , 2022, 137, 108951.	5.5	7
16	Seasonal forcing in a host-macroparasite system. <i>Journal of Theoretical Biology</i> , 2015, 365, 55-66.	1.7	6
17	A semi-quantitative model for ranking the risk of incursion of exotic animal pathogens into a European Union Member State. <i>Microbial Risk Analysis</i> , 2021, 18, 100175.	2.3	5
18	Evaluating a mixed abiotic-biotic model for the distribution and host contact rates of an arthropod vector of pathogens: An example with <i>Ixodes ricinus</i> (Ixodidae). <i>Microbial Risk Analysis</i> , 2019, 13, 100067.	2.3	2

#	ARTICLE	IF	CITATIONS
19	A user-friendly decision support tool to assist one-health risk assessors. <i>One Health</i> , 2021, 13, 100266.	3.4	2
20	Livestock Health and Food Chain Risk Assessment. <i>EFSA Journal</i> , 2020, 18, e181111.	1.8	1