

Stefan Widgren

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

415
citations

758635

12
h-index

752256

20
g-index

23
all docs

23
docs citations

23
times ranked

489
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex network analysis to understand trading partnership in French swine production. PLoS ONE, 2022, 17, e0266457.	1.1	3
2	Bayesian epidemiological modeling over high-resolution network data. Epidemics, 2020, 32, 100399.	1.5	8
3	A between-herd data-driven stochastic model to explore the spatio-temporal spread of hepatitis E virus in the French pig production network. PLoS ONE, 2020, 15, e0230257.	1.1	7
4	How mechanistic modelling supports decision making for the control of enzootic infectious diseases. Epidemics, 2020, 32, 100398.	1.5	25
5	Modelling spread and surveillance of Mycobacterium avium subsp. paratuberculosis in the Swedish cattle trade network. Preventive Veterinary Medicine, 2020, 183, 105152.	0.7	3
6	SimInf : An R Package for Data-Driven Stochastic Disease Spread Simulations. Journal of Statistical Software, 2019, 91, .	1.8	36
7	Mechanistic modelling of interventions against spread of livestock-associated methicillin-resistant Staphylococcus aureus (LA-MRSA) within a Danish farrow-to-finish pig herd. PLoS ONE, 2018, 13, e0200563.	1.1	9
8	Spatio-temporal modelling of verotoxigenic Escherichia coli O157 in cattle in Sweden: exploring options for control. Veterinary Research, 2018, 49, 78.	1.1	22
9	Evaluation of Strategies to Control a Potential Outbreak of Foot-and-Mouth Disease in Sweden. Frontiers in Veterinary Science, 2017, 4, 118.	0.9	12
10	Data-Driven Computational Disease Spread Modeling: From Measurement to Parametrization and Control. Handbook of Statistics, 2017, , 305-328.	0.4	3
11	Data-driven network modelling of disease transmission using complete population movement data: spread of VTEC O157 in Swedish cattle. Veterinary Research, 2016, 47, 81.	1.1	20
12	Fast event-based epidemiological simulations on national scales. International Journal of High Performance Computing Applications, 2016, 30, 438-453.	2.4	19
13	Q fever infection in dairy cattle herds: increased risk with high wind speed and low precipitation. Epidemiology and Infection, 2015, 143, 3316-3326.	1.0	46
14	Evaluation of farm-level parameters derived from animal movements for use in risk-based surveillance programmes of cattle in Switzerland. BMC Veterinary Research, 2015, 11, 149.	0.7	28
15	Vetsyn: An R package for veterinary syndromic surveillance. Preventive Veterinary Medicine, 2015, 122, 21-32.	0.7	17
16	Longitudinal observational study over 38 months of verotoxigenic Escherichia coli O157:H7 status in 126 cattle herds. Preventive Veterinary Medicine, 2015, 121, 343-352.	0.7	33
17	Relative contributions of neighbourhood and animal movements to Coxiella burnetii infection in dairy cattle herds. Geospatial Health, 2014, 8, 471.	0.3	12
18	A novel method to identify herds with an increased probability of disease introduction due to animal trade. Preventive Veterinary Medicine, 2014, 117, 367-374.	0.7	14

#	ARTICLE	IF	CITATIONS
19	EpiContactTrace: an R-package for contact tracing during livestock disease outbreaks and for risk-based surveillance. BMC Veterinary Research, 2014, 10, 71.	0.7	45
20	Environmental sampling for evaluating verotoxigenic <i>Escherichia coli</i> O157. Journal of Veterinary Diagnostic Investigation, 2013, 25, 189-198.	0.5	12
21	Infection prevention and control interventions in the first outbreak of methicillin-resistant <i>Staphylococcus aureus</i> infections in an equine hospital in Sweden. Acta Veterinaria Scandinavica, 2012, 54, 14.	0.5	18
22	Spatio-temporal evaluation of cattle trade in Sweden: description of a grid network visualization technique. Geospatial Health, 2010, 5, 119.	0.3	19
23	Computer simulation of DNA gel electrophoresis: influence of solid friction on linear and circular chains. Macromolecular Theory and Simulations, 1996, 5, 1019-1030.	0.6	4