

Stefan Widgren

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/356623/publications.pdf>

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	Q fever infection in dairy cattle herds: increased risk with high wind speed and low precipitation. <i>Epidemiology and Infection</i> , 2015, 143, 3316-3326.	1.0	46
2	EpiContactTrace: an R-package for contact tracing during livestock disease outbreaks and for risk-based surveillance. <i>BMC Veterinary Research</i> , 2014, 10, 71.	0.7	45
3	<code>SimInf</code> : An R Package for Data-Driven Stochastic Disease Spread Simulations. <i>Journal of Statistical Software</i> , 2019, 91, .	1.8	36
4	Longitudinal observational study over 38 months of verotoxigenic <i>Escherichia coli</i> O157:H7 status in 126 cattle herds. <i>Preventive Veterinary Medicine</i> , 2015, 121, 343-352.	0.7	33
5	Evaluation of farm-level parameters derived from animal movements for use in risk-based surveillance programmes of cattle in Switzerland. <i>BMC Veterinary Research</i> , 2015, 11, 149.	0.7	28
6	How mechanistic modelling supports decision making for the control of enzootic infectious diseases. <i>Epidemics</i> , 2020, 32, 100398.	1.5	25
7	Spatio-temporal modelling of verotoxigenic <i>Escherichia coli</i> O157 in cattle in Sweden: exploring options for control. <i>Veterinary Research</i> , 2018, 49, 78.	1.1	22
8	Data-driven network modelling of disease transmission using complete population movement data: spread of VTEC O157 in Swedish cattle. <i>Veterinary Research</i> , 2016, 47, 81.	1.1	20
9	Spatio-temporal evaluation of cattle trade in Sweden: description of a grid network visualization technique. <i>Geospatial Health</i> , 2010, 5, 119.	0.3	19
10	Fast event-based epidemiological simulations on national scales. <i>International Journal of High Performance Computing Applications</i> , 2016, 30, 438-453.	2.4	19
11	Infection prevention and control interventions in the first outbreak of methicillin-resistant <i>Staphylococcus aureus</i> infections in an equine hospital in Sweden. <i>Acta Veterinaria Scandinavica</i> , 2012, 54, 14.	0.5	18
12	Vetsyn: An R package for veterinary syndromic surveillance. <i>Preventive Veterinary Medicine</i> , 2015, 122, 21-32.	0.7	17
13	A novel method to identify herds with an increased probability of disease introduction due to animal trade. <i>Preventive Veterinary Medicine</i> , 2014, 117, 367-374.	0.7	14
14	Environmental sampling for evaluating verotoxigenic <i>Escherichia coli</i> O157. <i>Journal of Veterinary Diagnostic Investigation</i> , 2013, 25, 189-198.	0.5	12
15	Relative contributions of neighbourhood and animal movements to <i>Coxiella burnetii</i> infection in dairy cattle herds. <i>Geospatial Health</i> , 2014, 8, 471.	0.3	12
16	Evaluation of Strategies to Control a Potential Outbreak of Foot-and-Mouth Disease in Sweden. <i>Frontiers in Veterinary Science</i> , 2017, 4, 118.	0.9	12
17	Mechanistic modelling of interventions against spread of livestock-associated methicillin-resistant <i>Staphylococcus aureus</i> (LA-MRSA) within a Danish farrow-to-finish pig herd. <i>PLoS ONE</i> , 2018, 13, e0200563.	1.1	9
18	Bayesian epidemiological modeling over high-resolution network data. <i>Epidemics</i> , 2020, 32, 100399.	1.5	8

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Data-Driven Computational Disease Spread Modeling: From Measurement to Parametrization and Control. Handbook of Statistics, 2017, , 305-328.	0.4	3
22	Modelling spread and surveillance of Mycobacterium avium subsp. paratuberculosis in the Swedish cattle trade network. Preventive Veterinary Medicine, 2020, 183, 105152.	0.7	3
23	Complex network analysis to understand trading partnership in French swine production. PLoS ONE, 2022, 17, e0266457.	1.1	3