

# Amy L Greer

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

996

citations

13

h-index

30

g-index

74

ext. papers

1,288

ext. citations

4.1

avg, IF

5.23

L-index

#	Paper	IF	Citations
68	Mathematical modelling of COVID-19 transmission and mitigation strategies in the population of Ontario, Canada. <i>Cmaj</i> , <b>2020</b> , 192, E497-E505	3.5	213
67	Estimated epidemiologic parameters and morbidity associated with pandemic H1N1 influenza. <i>Cmaj</i> , <b>2010</b> , 182, 131-6	3.5	185
66	Optimal pandemic influenza vaccine allocation strategies for the Canadian population. <i>PLoS ONE</i> , <b>2010</b> , 5, e10520	3.7	68
65	An IDEA for short term outbreak projection: nearcasting using the basic reproduction number. <i>PLoS ONE</i> , <b>2013</b> , 8, e83622	3.7	61
64	A case-crossover analysis of the impact of weather on primary cases of Middle East respiratory syndrome. <i>BMC Infectious Diseases</i> , <b>2019</b> , 19, 113	4	58
63	Testing a key assumption of host-pathogen theory: density and disease transmission. <i>Oikos</i> , <b>2008</b> , 117, 1667-1673	4	44
62	Why "winter" vomiting disease? Seasonality, hydrology, and Norovirus epidemiology in Toronto, Canada. <i>EcoHealth</i> , <b>2009</b> , 6, 192-9	3.1	41
61	Bidirectional impact of imperfect mask use on reproduction number of COVID-19: A next generation matrix approach. <i>Infectious Disease Modelling</i> , <b>2020</b> , 5, 405-408	15.7	24
60	Modelling scenarios of the epidemic of COVID-19 in Canada. <i>Canada Communicable Disease Report</i> , <b>2020</b> , 46, 198-204	3.1	23
59	Use of models to identify cost-effective interventions: pertussis vaccination for pediatric health care workers. <i>Pediatrics</i> , <b>2011</b> , 128, e591-9	7.4	22
58	The Impact of Demographic Variables on Disease Spread: Influenza in Remote Communities. <i>Scientific Reports</i> , <b>2011</b> , 1,	4.9	19
57	Effect of latitude on the rate of change in incidence of Lyme disease in the United States. <i>CMAJ Open</i> , <b>2013</b> , 1, E43-7	2.5	17
56	Risk for COVID-19 Resurgence Related to Duration and Effectiveness of Physical Distancing in Ontario, Canada. <i>Annals of Internal Medicine</i> , <b>2020</b> , 173, 675-678	8	13
55	Assessing the impact of environmental exposures and Cryptosporidium infection in cattle on human incidence of cryptosporidiosis in Southwestern Ontario, Canada. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196573	3.7	13
54	Owned dog ecology and demography in Villa de Tezontepec, Hidalgo, Mexico. <i>Preventive Veterinary Medicine</i> , <b>2016</b> , 135, 37-46	3.1	12
53	Socio-demographic disparities in knowledge, practices, and ability to comply with COVID-19 public health measures in Canada. <i>Canadian Journal of Public Health</i> , <b>2021</b> , 112, 363-375	3.2	12
52	Derivation and Validation of Clinical Prediction Rules for COVID-19 Mortality in Ontario, Canada. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, ofaa463	1	11

51	Using a Dynamic Model to Consider Optimal Antiviral Stockpile Size in the Face of Pandemic Influenza Uncertainty. <i>PLoS ONE</i> , <b>2013</b> , 8, e67253	3.7	9
50	Current and Projected Distributions of and in Canada and the U.S. <i>Environmental Health Perspectives</i> , <b>2020</b> , 128, 57007	8.4	9
49	Modelling the transmission dynamics of in Ontario, Canada, assuming house flies, , are a mechanical vector of disease transmission. <i>Royal Society Open Science</i> , <b>2019</b> , 6, 181394	3.3	8
48	Descriptive and network analyses of the equine contact network at an equestrian show in Ontario, Canada and implications for disease spread. <i>BMC Veterinary Research</i> , <b>2017</b> , 13, 191	2.7	8
47	Early vaccine availability represents an important public health advance for the control of pandemic influenza. <i>BMC Research Notes</i> , <b>2015</b> , 8, 191	2.3	7
46	COVID-19 Case Age Distribution: Correction for Differential Testing by Age. <i>Annals of Internal Medicine</i> , <b>2021</b> , 174, 1430-1438	8	7
45	The Complex Relationship Between Veterinarian Mental Health and Client Satisfaction. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 92	3.1	6
44	Can informal social distancing interventions minimize demand for antiviral treatment during a severe pandemic?. <i>BMC Public Health</i> , <b>2013</b> , 13, 669	4.1	6
43	The Prevalence of in Live Cattle, Turkey, Chicken, and Swine in the United States and Canada: A Systematic Review and Meta-Analysis. <i>Foodborne Pathogens and Disease</i> , <b>2021</b> , 18, 230-242	3.8	6
42	Do fatal infectious diseases eradicate host species?. <i>Journal of Mathematical Biology</i> , <b>2018</b> , 77, 2103-2164	4	6
41	Comparison of the dynamic networks of four equine boarding and training facilities. <i>Preventive Veterinary Medicine</i> , <b>2019</b> , 162, 84-94	3.1	5
40	Validation of modified radio-frequency identification tag firmware, using an equine population case study. <i>PLoS ONE</i> , <b>2019</b> , 14, e0210148	3.7	5
39	Modeling the effect of surgical sterilization on owned dog population size in Villa de Tezontepec, Hidalgo, Mexico, using an individual-based computer simulation model. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198209	3.7	5
38	Stochastic agent-based modeling of tuberculosis in Canadian Indigenous communities. <i>BMC Public Health</i> , <b>2017</b> , 17, 73	4.1	5
37	Antiviral strategies for emerging influenza viruses in remote communities. <i>PLoS ONE</i> , <b>2014</b> , 9, e89651	3.7	5
36	Age Is Just a Number: A Critically Important Number for COVID-19 Case Fatality. <i>Annals of Internal Medicine</i> , <b>2020</b> , 173, 762-763	8	5
35	Understanding the early dynamics of the 2014 porcine epidemic diarrhea virus (PEDV) outbreak in Ontario using the incidence decay and exponential adjustment (IDEA) model. <i>BMC Veterinary Research</i> , <b>2017</b> , 13, 8	2.7	5
34	Times from Infection to Disease-Induced Death and their Influence on Final Population Sizes After Epidemic Outbreaks. <i>Bulletin of Mathematical Biology</i> , <b>2018</b> , 80, 1937-1961	2.1	5

33	Equine Rhinitis A Virus Infection at a Standardbred Training Facility: Incidence, Clinical Signs, and Risk Factors for Clinical Disease. <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 71	3.1	4
32	Descriptive analysis of horse movement networks during the 2015 equestrian season in Ontario, Canada. <i>PLoS ONE</i> , <b>2019</b> , 14, e0219771	3.7	4
31	A longitudinal study describing horse demographics and movements during a competition season in Ontario, Canada. <i>Canadian Veterinary Journal</i> , <b>2018</b> , 59, 783-790	0.5	4
30	COVID-19 Case Age Distribution: Correction for Differential Testing by Age		4
29	The Influence of Climate and Livestock Reservoirs on Human Cases of Giardiasis. <i>EcoHealth</i> , <b>2019</b> , 16, 116-127	3.1	4
28	Comparing the effects of non-homogenous mixing patterns on epidemiological outcomes in equine populations: A mathematical modelling study. <i>Scientific Reports</i> , <b>2019</b> , 9, 3227	4.9	3
27	Increased Weekly Mean PM, and NO Are Associated With Increased Proportions of Lower Airway Granulocytes in Ontario Horses. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 185	3.1	3
26	Evaluation of an OPEN Stewardship generated feedback intervention to improve antibiotic prescribing among primary care veterinarians in Ontario, Canada and Israel: protocol for evaluating usability and an interrupted time-series analysis. <i>BMJ Open</i> , <b>2021</b> , 11, e039760	3	3
25	Estimating the potential for disease spread in horses associated with an equestrian show in Ontario, Canada using an agent-based model. <i>Preventive Veterinary Medicine</i> , <b>2018</b> , 151, 21-28	3.1	2
24	Evaluating the Within-Host Dynamics of Infection with Mechanistic Disease Models and Experimental Data. <i>Viruses</i> , <b>2019</b> , 11,	6.2	1
23	A within-host mathematical model of H9N2 avian influenza infection and type-I interferon response pathways in chickens. <i>Journal of Theoretical Biology</i> , <b>2020</b> , 499, 110320	2.3	1
22	Examining the Effect of Host Recruitment Rates on the Transmission of in Nursery Swine Populations. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	1
21	Classification of porcine reproductive and respiratory syndrome virus in Ontario using Bayesian phylogenetics and assessment of temporal trends. <i>Canadian Journal of Veterinary Research</i> , <b>2021</b> , 85, 83-92	0.5	1
20	Population Health Surveillance Using Mobile Phone Surveys in Low- and Middle-Income Countries: Methodology and Sample Representativeness of a Cross-sectional Survey of Live Poultry Exposure in Bangladesh. <i>JMIR Public Health and Surveillance</i> , <b>2021</b> , 7, e29020	11.4	1
19	Derivation and Validation of Clinical Prediction Rule for COVID-19 Mortality in Ontario, Canada		1
18	An investigation of transportation practices in an Ontario swine system using descriptive network analysis. <i>PLoS ONE</i> , <b>2020</b> , 15, e0226813	3.7	1
17	Shaping the future of the COVID-19 pandemic in Canada. <i>Cmaj</i> , <b>2020</b> , 192, E1074-E1075	3.5	1
16	A sub-national real-time epidemiological and vaccination database for the COVID-19 pandemic in Canada. <i>Scientific Data</i> , <b>2021</b> , 8, 173	8.2	1

15	Yellow fever virus outbreak in Brazil under current and future climate. <i>Infectious Disease Modelling</i> , <b>2021</b> , 6, 664-677	15.7	1
14	The prevalence of <i>Cyclospora cayetanensis</i> in water: a systematic review and meta-analysis. <i>Epidemiology and Infection</i> , <b>2022</b> , 150,	4.3	1
13	Identifying the environmental drivers of <i>Campylobacter</i> infection risk in southern Ontario, Canada using a One Health approach. <i>Zoonoses and Public Health</i> , <b>2020</b> , 67, 516-524	2.9	0
12	Modeling livestock population structure: a geospatial database for Ontario swine farms. <i>BMC Veterinary Research</i> , <b>2018</b> , 14, 31	2.7	0
11	Spatio-Temporal Variation in the Prevalence of Major Mastitis Pathogens Isolated From Bovine Milk Samples Between 2008 and 2017 in Ontario, Canada. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 742696	3.1	0
10	Frequency and patterns of exposure to live poultry and the potential risk of avian influenza transmission to humans in urban Bangladesh. <i>Scientific Reports</i> , <b>2021</b> , 11, 21880	4.9	0
9	Quantifying contact patterns in response to COVID-19 public health measures in Canada. <i>BMC Public Health</i> , <b>2021</b> , 21, 2040	4.1	0
8	Zika virus outbreak in Brazil under current and future climate. <i>Epidemics</i> , <b>2021</b> , 37, 100491	5.1	0
7	Sporadic SARS-CoV-2 cases at the neighbourhood level in Toronto, Ontario, 2020: a spatial analysis of the early pandemic period. <i>CMAJ Open</i> , <b>2022</b> , 10, E190-E195	2.5	0
6	Ranavirus Amplification in Low-Diversity Amphibian Communities. <i>Frontiers in Veterinary Science</i> , <b>2022</b> , 9, 755426	3.1	
5	Using a computer simulation model to examine the impact of biosecurity measures during a facility-level outbreak of equine influenza. <i>Canadian Journal of Veterinary Research</i> , <b>2018</b> , 82, 89-96	0.5	
4	Descriptive network analysis of a Standardbred horse training facility contact network: Implications for disease transmission. <i>Canadian Veterinary Journal</i> , <b>2020</b> , 61, 853-859	0.5	
3	Diagnostic testing patterns for subsp. in Ontario horses during the years 2008 to 2018. <i>Canadian Veterinary Journal</i> , <b>2021</b> , 62, 629-636	0.5	
2	Epidemiology of norovirus and viral gastroenteritis in Ontario, Canada, 2009-2014. <i>Canada Communicable Disease Report</i> , <b>2021</b> , 47, 397-404	3.1	
1	Within-host model of respiratory virus shedding and antibody response to H9N2 avian influenza virus vaccination and infection in chickens. <i>Infectious Disease Modelling</i> , <b>2021</b> , 6, 490-502	15.7	