

Olaf Berke

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

1,997
citations

236612

25
h-index

344852

36
g-index

115
all docs

115
docs citations

115
times ranked

2328
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2022, 10, E190-E195.	1.1	2
2	Exploring the geographical distribution of human cryptosporidiosis in Southern Ontario from 2011 to 2014. <i>Zoonoses and Public Health</i> , 2022, , .	0.9	0
3	Reduction of free-roaming cat population requires high-intensity neutering in spatial contiguity to mitigate compensatory effects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2119000119.	3.3	15
4	Spatial, temporal, and space-time clusters associated with opioid and cannabis poisoning events in U.S. dogs (2005â€“2014). <i>PLoS ONE</i> , 2022, 17, e0266883.	1.1	0
5	Rudolf Virchowâ€™The epic. <i>Environmental Health Review</i> , 2022, 65, 37-39.	0.7	0
6	Evaluation of the prevalence of <i>Echinococcus multilocularis</i> in dogs that visit off-leash dog parks in southern Ontario, Canada. <i>Zoonoses and Public Health</i> , 2021, 68, 533-537.	0.9	4
7	Investigation of the occurrence of <i>Angiostrongylus vasorum</i> in coyotes in southern Ontario, Canada. <i>Journal of Veterinary Diagnostic Investigation</i> , 2021, 33, 664-669.	0.5	1
8	The impact of state cannabis legislation, county-level socioeconomic and dog-level characteristics on reported cannabis poisonings of companion dogs in the USA (2009â€“2014). <i>PLoS ONE</i> , 2021, 16, e0250323.	1.1	8
9	Detection of spatial and spatio-temporal <i>Salmonella</i> Heidelberg and <i>Salmonella</i> Typhimurium human case clusters focused around licensed abattoirs in Ontario in 2015, and their potential relation to known outbreaks. <i>Zoonoses and Public Health</i> , 2021, 68, 609-621.	0.9	4
10	Zika virus outbreak in Brazil under current and future climate. <i>Epidemics</i> , 2021, 37, 100491.	1.5	6
11	Yellow fever virus outbreak in Brazil under current and future climate. <i>Infectious Disease Modelling</i> , 2021, 6, 664-677.	1.2	4
12	Spatial epidemiological analysis of Lyme disease in southern Ontario utilizing Google Trends searches. <i>Environmental Health Review</i> , 2021, 64, 105-110.	0.7	4
13	Mapping the Population Density of Managed Honey Bee (<i>Apis Mellifera</i>) Colonies in Ontario, Canada: 2018. <i>Journal of Apicultural Science</i> , 2021, 65, 303-314.	0.1	1
14	Companion animal exposures to potentially poisonous substances reported to a national poison control center in the United States in 2005 through 2014. <i>Journal of the American Veterinary Medical Association</i> , 2020, 257, 517-530.	0.2	7
15	A caseâ€“case study comparing the individual risk factors and symptomatology of <i>Salmonella</i> Heidelberg and <i>Salmonella</i> Typhimurium in Ontario in 2015, following implementation of the Ontario Investigation Tools. <i>Zoonoses and Public Health</i> , 2020, 67, 484-495.	0.9	2
16	Factors associated with <i>Echinococcus multilocularis</i> infection in coyotes in southern Ontario. <i>Zoonoses and Public Health</i> , 2020, 67, 546-553.	0.9	4
17	Detection of spatial, temporal and space-time <i>Salmonella</i> Heidelberg and <i>Salmonella</i> Typhimurium clusters in Ontario in 2015, and comparisons to known outbreaks. <i>Zoonoses and Public Health</i> , 2020, 67, 617-628.	0.9	8
18	Evaluation of the SNAPâ„® 4Dxâ„® plus test for the detection of <i>Dirofilaria immitis</i> antigen and characterization of exposure to tick-borne pathogens in wild canids in southern Ontario. <i>Veterinary Parasitology</i> , 2020, 283, 109176.	0.7	6

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19	The identification of risk factors contributing to accidental opioid poisonings in companion dogs using data from a North American poison control center (2006-2014). <i>PLoS ONE</i> , 2020, 15, e0227701.	1.1	8
20	Good times bad times: Automated forecasting of seasonal cryptosporidiosis in Ontario using machine learning. <i>Canada Communicable Disease Report</i> , 2020, 46, 192-197.	0.6	6
21	Celebration day: 400th birthday of John Graunt, citizen scientist of London. <i>Environmental Health Review</i> , 2020, 63, 67-69.	0.7	1
22	Development of a Scoring System to Assess Feather Damage in Canadian Laying Hen Flocks. <i>Animals</i> , 2019, 9, 436.	1.0	15
23	<i>Echinococcus multilocularis</i> Infection, Southern Ontario, Canada. <i>Emerging Infectious Diseases</i> , 2019, 25, 265-272.	2.0	46
24	An Investigation of Associations Between Management and Feather Damage in Canadian Laying Hens Housed in Furnished Cages. <i>Animals</i> , 2019, 9, 135.	1.0	13
25	Epidemiology of canine heartworm (<i>Dirofilaria immitis</i>) infection in domestic dogs in Ontario, Canada: Geographic distribution, risk factors and effects of climate. <i>Geospatial Health</i> , 2019, 14, .	0.3	11
26	Housing and Management Practices on 33 Pullet Farms in Canada. <i>Animals</i> , 2019, 9, 49.	1.0	7
27	Prevalence and distribution of <i>Dirofilaria immitis</i> infection in wild canids in southern Ontario. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2019, 18, 100349.	0.3	5
28	Exploring the geographical distribution of cryptosporidiosis in the cattle population of Southern Ontario, Canada, 2011-2014. <i>Geospatial Health</i> , 2019, 14, .	0.3	3
29	A cross-sectional study on feather cover damage in Canadian laying hens in non-cage housing systems. <i>BMC Veterinary Research</i> , 2019, 15, 435.	0.7	16
30	The Influence of Sociodemographic Factors on the Engagement of Citizens in the Detection of Dead Corvids During the Emergence of West Nile Virus in Ontario, Canada. <i>Frontiers in Veterinary Science</i> , 2019, 6, 483.	0.9	5
31	Perceptions of community cats and preferences for their management in Guelph, Ontario. Part II: A qualitative analysis. <i>Canadian Veterinary Journal</i> , 2019, 60, 48-54.	0.0	2
32	Perceptions of community cats and preferences for their management in Guelph, Ontario. Part I: A quantitative analysis. <i>Canadian Veterinary Journal</i> , 2019, 60, 41-47.	0.0	5
33	Heartworm infection in domestic dogs in Canada, 1977-2016: Prevalence, time trend, and efficacy of prophylaxis. <i>Canadian Veterinary Journal</i> , 2019, 60, 605-612.	0.0	2
34	Effect of Capacity for Care on cat admission trends at the Guelph Humane Society, 2011-2015. <i>Journal of Applied Animal Welfare Science</i> , 2018, 21, 283-294.	0.4	5
35	A Description of Laying Hen Husbandry and Management Practices in Canada. <i>Animals</i> , 2018, 8, 114.	1.0	18
36	Analysis of the Association of Climate, Weather and Herd Immunity with the Spread of Equine Encephalosis Virus in Horses in Israel. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 593-602.	1.3	5

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37	A geographic study of West Nile virus in humans, dead corvids and mosquitoes in Ontario using spatial scan statistics with a survival time application. <i>Zoonoses and Public Health</i> , 2017, 64, e81-e89.	0.9	3
38	Risk factors affecting length of stay of cats in an animal shelter: A case study at the Guelph Humane Society, 2011â€“2016. <i>Preventive Veterinary Medicine</i> , 2017, 148, 44-48.	0.7	29
39	Specific immunotypes of canine T cell lymphoma are associated with different outcomes. <i>Veterinary Immunology and Immunopathology</i> , 2017, 191, 5-13.	0.5	32
40	Spatial analysis of <i>Leptospira</i> infection in muskrats in Lower Saxony, Germany, and the association with human leptospirosis. <i>Research in Veterinary Science</i> , 2017, 114, 351-354.	0.9	7
41	Evaluation of the Control of West Nile Virus in Ontario: Did Risk Patterns Change from 2005 to 2012?. <i>Zoonoses and Public Health</i> , 2017, 64, 100-105.	0.9	3
42	A descriptive analysis of the spatio-temporal distribution of enteric diseases in New Brunswick, Canada. <i>BMC Public Health</i> , 2016, 16, 204.	1.2	13
43	Prevalence and risk factors for foot and mouth disease infection in cattle in Israel. <i>Preventive Veterinary Medicine</i> , 2016, 130, 51-59.	0.7	6
44	Prevalence and risk factors for foot and mouth disease infection in small ruminants in Israel. <i>Preventive Veterinary Medicine</i> , 2016, 125, 82-88.	0.7	19
45	Mapping rural community and dairy cow heat stress in Southern Ontario: A common geographic pattern from 2010 to 2012. <i>Archives of Environmental and Occupational Health</i> , 2016, 71, 199-207.	0.7	5
46	Heat stress related dairy cow mortality during heat waves and control periods in rural Southern Ontario from 2010â€“2012. <i>BMC Veterinary Research</i> , 2015, 11, 291.	0.7	40
47	A comparison of West Nile virus surveillance using survival analyses of dead corvid and mosquito pool data in Ontario, 2002â€“2008. <i>Preventive Veterinary Medicine</i> , 2015, 122, 363-370.	0.7	6
48	Comparison of risk factors for seropositivity to feline immunodeficiency virus and feline leukemia virus among cats: a case-case study. <i>BMC Veterinary Research</i> , 2015, 11, 30.	0.7	34
49	Suitability of sentinel abattoirs for syndromic surveillance using provincially inspected bovine abattoir condemnation data. <i>BMC Veterinary Research</i> , 2015, 11, 37.	0.7	11
50	Nuisances and welfare of free-roaming cats in urban settings and their association with cat reproduction. <i>Preventive Veterinary Medicine</i> , 2015, 119, 203-210.	0.7	32
51	A spatial analysis of heat stress related emergency room visits in rural Southern Ontario during heat waves. <i>BMC Emergency Medicine</i> , 2015, 15, 17.	0.7	17
52	Disparities in Spatial Prevalence of Feline Retroviruses due to Data Aggregation: A Case of the Modifiable Areal Unit Problem. <i>Journal of Veterinary Medicine</i> , 2014, 2014, 1-11.	1.6	1
53	An Evaluation of Rabies Vaccination Rates among Canines and Felines Involved in Biting Incidents within the Wellington-Dufferin-Guelph Public Health Department. <i>Zoonoses and Public Health</i> , 2014, 61, 499-508.	0.9	7
54	The use of the temporal scan statistic to detect methicillin-resistant <i>Staphylococcus aureus</i> clusters in a community hospital. <i>BMC Infectious Diseases</i> , 2014, 14, 375.	1.3	6

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55	Detection of <i>Clostridium difficile</i> infection clusters, using the temporal scan statistic, in a community hospital in southern Ontario, Canada, 2006–2011. <i>BMC Infectious Diseases</i> , 2014, 14, 254.	1.3	9
56	Exploring relationships between whole carcass condemnation abattoir data, non-disease factors and disease outbreaks in swine herds in Ontario (2001–2007). <i>BMC Research Notes</i> , 2014, 7, 185.	0.6	16
57	GEOVET 2013: Geospatial analysis in veterinary epidemiology and preventive medicine. <i>Preventive Veterinary Medicine</i> , 2014, 114, 1-2.	0.7	0
58	The identification and epidemiology of methicillin-resistant <i>Staphylococcus aureus</i> and <i>Clostridium difficile</i> in patient rooms and the ward environment. <i>BMC Infectious Diseases</i> , 2013, 13, 342.	1.3	35
59	Comparison of covariate adjustment methods using space-time scan statistics for food animal syndromic surveillance. <i>BMC Veterinary Research</i> , 2013, 9, 231.	0.7	11
60	Comparison of the geographical distribution of feline immunodeficiency virus and feline leukemia virus infections in the United States of America (2000–2011). <i>BMC Veterinary Research</i> , 2013, 9, 2.	0.7	19
61	How to choose geographical units in ecological studies: Proposal and application to campylobacteriosis. <i>Spatial and Spatio-temporal Epidemiology</i> , 2013, 7, 11-24.	0.9	32
62	Genetic parameters for producer-recorded health data in Canadian Holstein cattle. <i>Animal</i> , 2012, 6, 571-578.	1.3	41
63	Environmental characteristics associated with campylobacteriosis: accounting for the effect of age and season. <i>Epidemiology and Infection</i> , 2012, 140, 311-322.	1.0	19
64	Current status of canine cancer registration – report from an international workshop. <i>Veterinary and Comparative Oncology</i> , 2012, 10, 95-101.	0.8	26
65	A prospective study to examine the epidemiology of methicillin-resistant <i>Staphylococcus aureus</i> and <i>Clostridium difficile</i> contamination in the general environment of three community hospitals in southern Ontario, Canada. <i>BMC Infectious Diseases</i> , 2012, 12, 290.	1.3	28
66	A spatial and temporal analysis of notifiable gastrointestinal illness in the Northwest Territories, Canada, 1991-2008. <i>International Journal of Health Geographics</i> , 2012, 11, 17.	1.2	18
67	Suitability of bovine portion condemnations at provincially-inspected abattoirs in Ontario Canada for food animal syndromic surveillance. <i>BMC Veterinary Research</i> , 2012, 8, 88.	0.7	17
68	Environmental and demographic risk factors for campylobacteriosis: do various geographical scales tell the same story?. <i>BMC Infectious Diseases</i> , 2012, 12, 318.	1.3	17
69	Suitability and limitations of portion-specific abattoir data as part of an early warning system for emerging diseases of swine in Ontario. <i>BMC Veterinary Research</i> , 2012, 8, 3.	0.7	15
70	Antimicrobial Resistance in <i>Campylobacter</i> spp. Isolated from Ontario Sheep Flocks and Associations between Antimicrobial use and Antimicrobial Resistance. <i>Zoonoses and Public Health</i> , 2012, 59, 294-301.	0.9	15
71	Do patients with recurrent episodes of campylobacteriosis differ from those with a single disease event?. <i>BMC Public Health</i> , 2011, 11, 32.	1.2	19
72	Weather, Water Quality and Infectious Gastrointestinal Illness in Two Inuit Communities in Nunatsiavut, Canada: Potential Implications for Climate Change. <i>EcoHealth</i> , 2011, 8, 93-108.	0.9	103

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73	Predictive risk mapping of West Nile virus (WNV) infection in Saskatchewan horses. <i>Canadian Journal of Veterinary Research</i> , 2011, 75, 161-70.	0.2	5
74	Changing climate in Hungary and trends in the annual number of heat stress days. <i>International Journal of Biometeorology</i> , 2010, 54, 423-431.	1.3	23
75	From explanation to prediction: A model for recurrent bovine tuberculosis in Irish cattle herds. <i>Preventive Veterinary Medicine</i> , 2010, 94, 170-177.	0.7	50
76	On the effect of diagnostic misclassification bias on the observed spatial pattern in regional count data – A case study using West Nile virus mortality data from Ontario, 2005. <i>Spatial and Spatio-temporal Epidemiology</i> , 2010, 1, 117-122.	0.9	11
77	Factors associated with whole carcass condemnation rates in provincially-inspected abattoirs in Ontario 2001-2007: implications for food animal syndromic surveillance. <i>BMC Veterinary Research</i> , 2010, 6, 42.	0.7	42
78	Spread of porcine circovirus associated disease (PCVAD) in Ontario (Canada) swine herds: Part II. Matched case-control study. <i>BMC Veterinary Research</i> , 2010, 6, 58.	0.7	3
79	Spread of porcine circovirus associated disease (PCVAD) in Ontario (Canada) swine herds: Part I. Exploratory spatial analysis. <i>BMC Veterinary Research</i> , 2010, 6, 59.	0.7	10
80	Sleeping Sickness in Southeastern Uganda: A Spatio-Temporal Analysis of Disease Risk, 1970–2003. <i>Vector-Borne and Zoonotic Diseases</i> , 2010, 10, 977-988.	0.6	7
81	Spatial analysis of an anthrax outbreak in Saskatchewan, 2006. <i>Canadian Veterinary Journal</i> , 2010, 51, 743-8.	0.0	8
82	Predicting Geographical Human Risk of West Nile Virus – Saskatchewan, 2003 and 2007. <i>Canadian Journal of Public Health</i> , 2009, 100, 344-348.	1.1	13
83	Targeted badger removal and the subsequent risk of bovine tuberculosis in cattle herds in county Laois, Ireland. <i>Preventive Veterinary Medicine</i> , 2009, 88, 178-184.	0.7	46
84	The risk of a positive test for bovine tuberculosis in cattle purchased from herds with and without a recent history of bovine tuberculosis in Ireland. <i>Preventive Veterinary Medicine</i> , 2009, 92, 99-105.	0.7	37
85	An analysis of the relationship between bulk tank milk quality and wash water quality on dairy farms in Ontario, Canada. <i>Journal of Dairy Science</i> , 2009, 92, 3714-3722.	1.4	29
86	Projected Changes in Reportable Enteric Disease Incidence in New Brunswick, Canada in Response to Changes in Temperature, Precipitation and Snow Depth. <i>Epidemiology</i> , 2009, 20, S140.	1.2	0
87	Emergence of <i>Echinococcus multilocularis</i> among Red Foxes in northern Germany, 1991–2005. <i>Veterinary Parasitology</i> , 2008, 155, 319-322.	0.7	39
88	Risk factors for disclosure of additional tuberculous cattle in attested-clear herds that had one animal with a confirmed lesion of tuberculosis at slaughter during 2003 in Ireland. <i>Preventive Veterinary Medicine</i> , 2008, 85, 81-91.	0.7	50
89	Temperature-related risk factors associated with the colonization of broiler-chicken flocks with <i>Campylobacter</i> spp. in Iceland, 2001–2004. <i>Preventive Veterinary Medicine</i> , 2008, 86, 14-29.	0.7	25
90	A farm-level study of risk factors associated with the colonization of broiler flocks with <i>Campylobacter</i> spp. in Iceland, 2001 – 2004. <i>Acta Veterinaria Scandinavica</i> , 2007, 49, 18.	0.5	48

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91	Experience-dependent recapture rates and reproductive success in male grey mouse lemurs (<i>Microcebus murinus</i>). <i>American Journal of Physical Anthropology</i> , 2007, 133, 743-752.	2.1	10
92	Investigating the spatial risk distribution of West Nile virus disease in birds and humans in southern Ontario from 2002 to 2005. <i>Population Health Metrics</i> , 2007, 5, 3.	1.3	17
93	House-level risk factors associated with the colonization of broiler flocks with <i>Campylobacter</i> spp. in Iceland, 2001 – 2004. <i>BMC Veterinary Research</i> , 2007, 3, 30.	0.7	16
94	A case study of bovine tuberculosis in an area of County Donegal, Ireland. <i>Irish Veterinary Journal</i> , 2006, 59, 683-90.	0.8	5
95	A Primer of Ecological Statistics by H.J. Gotelli and A.M. Ellison. <i>Biometrics</i> , 2006, 62, 308-308.	0.8	0
96	Risk factors for <i>Campylobacter</i> spp. colonization in broiler flocks in Iceland. <i>Preventive Veterinary Medicine</i> , 2006, 74, 264-278.	0.7	66
97	Quantifying badger exposure and the risk of bovine tuberculosis for cattle herds in county Kilkenny, Ireland. <i>Preventive Veterinary Medicine</i> , 2006, 75, 34-46.	0.7	11
98	Spatial Analysis of Sleeping Sickness, Southeastern Uganda, 1970–2003. <i>Emerging Infectious Diseases</i> , 2006, 12, 813-820.	2.0	26
99	Spatial relationship between <i>Mycobacterium bovis</i> strains in cattle and badgers in four areas in Ireland. <i>Preventive Veterinary Medicine</i> , 2005, 71, 57-70.	0.7	53
100	Exploratory spatial relative risk mapping. <i>Preventive Veterinary Medicine</i> , 2005, 71, 173-182.	0.7	39
101	Spatial risk assessment of herd sero-status of Aujeszky's disease in a county in Hungary. <i>Preventive Veterinary Medicine</i> , 2004, 65, 9-16.	0.7	8
102	Exploratory disease mapping: kriging the spatial risk function from regional count data. , 2004, 3, 18.		122
103	Spatial Relative Risk Mapping of Pseudorabies-Seropositive Pig Herds in an Animal-Dense Region. <i>Zoonoses and Public Health</i> , 2003, 50, 322-325.	1.4	18
104	Spatial distributions of male and female strawberry poison frogs and their relation to female reproductive resources. <i>Oecologia</i> , 2001, 129, 534-542.	0.9	74
105	Modified median polish kriging and its application to the Wolfcamp-Aquifer data. <i>Environmetrics</i> , 2001, 12, 731-748.	0.6	14
106	Choropleth mapping of regional count data of <i>Echinococcus multilocularis</i> among red foxes in Lower Saxony, Germany. <i>Preventive Veterinary Medicine</i> , 2001, 52, 119-131.	0.7	40
107	Estimation and Prediction in the Spatial Linear Model. <i>Water, Air, and Soil Pollution</i> , 1999, 110, 215-237.	1.1	24
108	Spatial prediction of the intensity of latent effects governing hydrogeological phenomena. <i>Environmetrics</i> , 1999, 10, 633-654.	0.6	27

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109	On spatiotemporal prediction for on-line monitoring data. Communications in Statistics - Theory and Methods, 1998, 27, 2343-2369.	0.6	11