# Claire Jardine

## List of Publications by Citations



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| 105 papers | 1,610 citations | 20 h-index | 36 g-index |
| 106 ext. papers | 2,083 ext. citations | 3 avg, IF | 4.73 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 105 | Rats, cities, people, and pathogens: a systematic review and narrative synthesis of literature regarding the ecology of rat-associated zoonoses in urban centers. *Vector-Borne and Zoonotic Diseases*, **2013**, 13, 349-59 | 2.4 | 199 |
| 104 | Antimicrobial resistance in Escherichia coli isolates from swine and wild small mammals in the proximity of swine farms and in natural environments in Ontario, Canada. *Applied and Environmental Microbiology*, **2009**, 75, 559-66 | 4.8 | 190 |
| 103 | Antimicrobial resistance in generic Escherichia coli isolates from wild small mammals living in swine farm, residential, landfill, and natural environments in southern Ontario, Canada. *Applied and Environmental Microbiology*, **2011**, 77, 882-8 | 4.8 | 86 |
| 102 | Ecology of Leptospira interrogans in Norway rats (Rattus norvegicus) in an inner-city neighborhood of Vancouver, Canada. *PLoS Neglected Tropical Diseases*, **2013**, 7, e2270 | 4.8 | 72 |
| 101 | Geography, deer, and host biodiversity shape the pattern of Lyme disease emergence in the Thousand Islands Archipelago of Ontario, Canada. *PLoS ONE*, **2014**, 9, e85640 | 3.7 | 68 |
| 100 | The characteristics of wild rat (Rattus spp.) populations from an inner-city neighborhood with a focus on factors critical to the understanding of rat-associated zoonoses. *PLoS ONE*, **2014**, 9, e91654 | 3.7 | 63 |
| 99 | Northward range expansion of Ixodes scapularis evident over a short timescale in Ontario, Canada. *PLoS ONE*, **2017**, 12, e0189393 | 3.7 | 56 |
| 98 | Carriage of Clostridium difficile by wild urban Norway rats (Rattus norvegicus) and black rats (Rattus rattus). *Applied and Environmental Microbiology*, **2014**, 80, 1299-305 | 4.8 | 37 |
| 97 | An enhanced technique combining pre-enrichment and passive filtration increases the isolation efficiency of Campylobacter jejuni and Campylobacter coli from water and animal fecal samples. *Journal of Microbiological Methods*, **2012**, 91, 506-13 | 2.8 | 35 |
| 96 | Carriage of methicillin-resistant Staphylococcus aureus by wild urban Norway rats (Rattus norvegicus). *PLoS ONE*, **2014**, 9, e87983 | 3.7 | 34 |
| 95 | An investigation of Bartonella spp., Rickettsia typhi, and Seoul hantavirus in rats (Rattus spp.) from an inner-city neighborhood of Vancouver, Canada: is pathogen presence a reflection of global and local rat population structure?. *Vector-Borne and Zoonotic Diseases*, **2015**, 15, 21-6 | 2.4 | 33 |
| 94 | SARS-CoV-2 infection and transmission in the North American deer mouse. *Nature Communications*, **2021**, 12, 3612 | 17.4 | 33 |
| 93 | PREVALENCE AND CHARACTERISTICS OF ESCHERICHIA COLI AND SALMONELLA SPP. IN THE FECES OF WILD URBAN NORWAY AND BLACK RATS (RATTUS NORVEGICUS AND RATTUS RATTUS) FROM AN INNER-CITY NEIGHBORHOOD OF VANCOUVER, CANADA. *Journal of Wildlife Diseases*, **2015**, 51, 589-600 | 1.3 | 32 |
| 92 | Distribution of Ticks and the Risk of Lyme Disease and Other Tick-Borne Pathogens of Public Health Significance in Ontario, Canada. *Vector-Borne and Zoonotic Diseases*, **2016**, 16, 215-22 | 2.4 | 31 |
| 91 | Echinococcus multilocularis Infection, Southern Ontario, Canada. *Emerging Infectious Diseases*, **2019**, 25, 265-272 | 10.2 | 30 |
| 90 | Microbiota of field-collected Ixodes scapularis and Dermacentor variabilis from eastern and southern Ontario, Canada. *Ticks and Tick-borne Diseases*, **2018**, 9, 235-244 | 3.6 | 25 |
| 89 | Detection of Clostridium difficile in small and medium-sized wild Mammals in Southern Ontario, Canada. *Journal of Wildlife Diseases*, **2013**, 49, 418-21 | 1.3 | 24 |

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| 88 | Environmental Factors and Zoonotic Pathogen Ecology in Urban Exploiter Species. *EcoHealth*, **2017**, 14, 630-641 | 3.1 | 23 |
| 87 | Antimicrobial resistance in Escherichia coli isolates from raccoons (Procyon lotor) in Southern Ontario, Canada. *Applied and Environmental Microbiology*, **2012**, 78, 3873-9 | 4.8 | 22 |
| 86 | The influence of abiotic and biotic factors on the invasion of Ixodes scapularis in Ontario, Canada. *Ticks and Tick-borne Diseases*, **2017**, 8, 554-563 | 3.6 | 20 |
| 85 | A RETROSPECTIVE SUMMARY OF RAPTOR MORTALITY IN ONTARIO, CANADA (1991-2014), INCLUDING THE EFFECTS OF WEST NILE VIRUS. *Journal of Wildlife Diseases*, **2018**, 54, 261-271 | 1.3 | 18 |
| 84 | A mixed methods approach to exploring the relationship between Norway rat (Rattus norvegicus) abundance and features of the urban environment in an inner-city neighborhood of Vancouver, Canada. *PLoS ONE*, **2014**, 9, e97776 | 3.7 | 18 |
| 83 | Impact of Season, Demographic and Environmental Factors on Salmonella Occurrence in Raccoons (Procyon lotor) from Swine Farms and Conservation Areas in Southern Ontario. *PLoS ONE*, **2016**, 11, e0161497 | 3.7 | 18 |
| 82 | Occurrence and distribution of Ambylomma americanum as determined by passive surveillance in Ontario, Canada (1999-2016). *Ticks and Tick-borne Diseases*, **2019**, 10, 146-155 | 3.6 | 17 |
| 81 | The impact of land use, season, age, and sex on the prevalence and intensity of Baylisascaris procyonis infections in raccoons (Procyon lotor) from Ontario, Canada. *Journal of Wildlife Diseases*, **2014**, 50, 784-91 | 1.3 | 16 |
| 80 | Epidemiology of Antimicrobial Resistance in Escherichia coli Isolates from Raccoons (Procyon lotor) and the Environment on Swine Farms and Conservation Areas in Southern Ontario. *PLoS ONE*, **2016**, 11, e0165303 | 3.7 | 16 |
| 79 | Neonicotinoid detection in wild turkeys (Meleagris gallopavo silvestris) in Ontario, Canada. *Environmental Science and Pollution Research*, **2018**, 25, 16254-16260 | 5.1 | 15 |
| 78 | Prevalence of Anaplasma phagocytophilum and Babesia microti in Ixodes scapularis from a Newly Established Lyme Disease Endemic Area, the Thousand Islands Region of Ontario, Canada. *Vector-Borne and Zoonotic Diseases*, **2015**, 15, 627-9 | 2.4 | 14 |
| 77 | Salmonella in raccoons (Procyon lotor) in southern Ontario, Canada. *Journal of Wildlife Diseases*, **2011**, 47, 344-51 | 1.3 | 14 |
| 76 | First report of ranavirus mortality in a common snapping turtle Chelydra serpentina. *Diseases of Aquatic Organisms*, **2019**, 132, 221-227 | 1.7 | 12 |
| 75 | Species distribution models for the eastern blacklegged tick, Ixodes scapularis, and the Lyme disease pathogen, Borrelia burgdorferi, in Ontario, Canada. *PLoS ONE*, **2020**, 15, e0238126 | 3.7 | 12 |
| 74 | Enhanced access to anthropogenic food waste is related to hyperglycemia in raccoons () **2018**, 6, coy026 | | 12 |
| 73 | Epizootic Hemorrhagic Disease in White-Tailed Deer, Canada. *Emerging Infectious Diseases*, **2019**, 25, 832-834 | 10.2 | 10 |
| 72 | Environmental Factors Associated with the Carriage of Bacterial Pathogens in Norway Rats. *EcoHealth*, **2018**, 15, 82-95 | 3.1 | 10 |
| 71 | Epidemiology of Salmonella on the Paws and in the Faeces of Free-Ranging Raccoons (Procyon Lotor) in Southern Ontario, Canada. *Zoonoses and Public Health*, **2016**, 63, 303-10 | 2.9 | 10 |

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| 70 | Longitudinal study of Clostridium difficile shedding in raccoons on swine farms and conservation areas in Ontario, Canada. *BMC Veterinary Research*, **2015**, 11, 254 | 2.7 | 10 |
| 69 | Longitudinal study on the seroprevalence of avian influenza, leptospirosis, and tularemia in an urban population of raccoons (Procyon lotor) in Ontario, Canada. *Vector-Borne and Zoonotic Diseases*, **2011**, 11, 37-42 | 2.4 | 10 |
| 68 | Highly divergent white-tailed deer SARS-CoV-2 with potential deer-to-human transmission | | 10 |
| 67 | Salmonella, Campylobacter, Clostridium difficile, and anti-microbial resistant Escherichia coli in the faeces of sympatric meso-mammals in southern Ontario, Canada. *Zoonoses and Public Health*, **2019**, 66, 406-416 | 2.9 | 9 |
| 66 | Generalizability and comparability of prevalence estimates in the wild bird literature: methodological and epidemiological considerations. *Animal Health Research Reviews*, **2020**, 21, 89-95 | 2.1 | 9 |
| 65 | Bacteria isolated from conspecific bite wounds in Norway and black rats: implications for rat bite-associated infections in people. *Vector-Borne and Zoonotic Diseases*, **2014**, 14, 94-100 | 2.4 | 9 |
| 64 | Sheep-associated malignant catarrhal fever in free-ranging moose (Alces alces) in Saskatchewan, Canada. *Journal of Wildlife Diseases*, **2009**, 45, 213-7 | 1.3 | 9 |
| 63 | Demographic features of Bartonella infections in Richardson's ground squirrels (Spermophilus richardsonii). *Journal of Wildlife Diseases*, **2006**, 42, 739-49 | 1.3 | 9 |
| 62 | Sentinel surveillance of Lyme disease risk in Canada, 2019: Results from the first year of the Canadian Lyme Sentinel Network (CaLSeN). *Canada Communicable Disease Report*, **2020**, 46, 354-361 | 3.1 | 9 |
| 61 | Prevalence of antibodies to Leptospira in wild mammals trapped on livestock farms in Ontario, Canada. *Journal of Wildlife Diseases*, **2014**, 50, 666-70 | 1.3 | 8 |
| 60 | Powassan Virus and Other Arthropod-Borne Viruses in Wildlife and Ticks in Ontario, Canada. *American Journal of Tropical Medicine and Hygiene*, **2018**, 99, 458-465 | 3.2 | 8 |
| 59 | Host functional connectivity and the spread potential of Lyme disease. *Landscape Ecology*, **2018**, 33, 1925-1938 | 4.3 | 8 |
| 58 | Pathology of wild Norway rats in Vancouver, Canada. *Journal of Veterinary Diagnostic Investigation*, **2019**, 31, 184-199 | 1.5 | 7 |
| 57 | Avian metapneumovirus subtype C in Wild Waterfowl in Ontario, Canada. *Transboundary and Emerging Diseases*, **2018**, 65, 1098-1102 | 4.2 | 7 |
| 56 | Mortality and Disease in Wild Turkeys ( Meleagris gallopavo silvestris) in Ontario, Canada, from 1992 to 2014: A Retrospective Review. *Avian Diseases*, **2016**, 60, 644-8 | 1.6 | 7 |
| 55 | A field-based indicator for determining the likelihood of Ixodes scapularis establishment at sites in Ontario, Canada. *PLoS ONE*, **2018**, 13, e0193524 | 3.7 | 7 |
| 54 | Molecular and Statistical Analysis of Campylobacter spp. and Antimicrobial-Resistant Campylobacter Carriage in Wildlife and Livestock from Ontario Farms. *Zoonoses and Public Health*, **2017**, 64, 194-203 | 2.9 | 7 |
| 53 | Effect of glucocorticoids on expression of cutaneous antimicrobial peptides in northern leopard frogs (Lithobates pipiens). *BMC Veterinary Research*, **2015**, 11, 191 | 2.7 | 7 |

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| 52 | The potential of using E. coli as an indicator for the surveillance of antimicrobial resistance (AMR) in the environment. *Current Opinion in Microbiology*, **2021**, 64, 152-158 | 7.9 | 7 |
| 51 | Baylisascaris procyonis infection in raccoons: A review of demographic and environmental factors influencing parasite carriage. *Veterinary Parasitology: Regional Studies and Reports*, **2019**, 16, 100275 | 1.2 | 6 |
| 50 | Assessing the Repeatability of Tick Dragging as a Method for Ixodes scapularis Surveillance. *Vector-Borne and Zoonotic Diseases*, **2018**, 18, 628-631 | 2.4 | 6 |
| 49 | Comparison of Escherichia coli recovery and antimicrobial resistance in cecal, colon, and fecal samples collected from wild house mice (Mus musculus). *Journal of Wildlife Diseases*, **2013**, 49, 432-6 | 1.3 | 6 |
| 48 | Livestock-associated methicillin-resistant and in wild Norway rats from Ontario swine farms. *Canadian Journal of Veterinary Research*, **2018**, 82, 66-69 | 0.5 | 6 |
| 47 | Ophidiomycosis in Red Cornsnakes (): Potential Roles of Brumation and Temperature on Pathogenesis and Transmission. *Veterinary Pathology*, **2020**, 57, 825-837 | 2.8 | 6 |
| 46 | Strain Dynamics in a Raccoon () Population in Southern Ontario, Canada: High Prevalence and Rapid Subtype Turnover. *Frontiers in Veterinary Science*, **2020**, 7, 27 | 3.1 | 5 |
| 45 | DEMOGRAPHIC AND ENVIRONMENTAL FACTORS ASSOCIATED WITH BAYLISASCARIS PROCYONIS INFECTION OF RACCOONS (PROCYON LOTOR) IN ONTARIO, CANADA. *Journal of Wildlife Diseases*, **2020**, 56, 328 | 1.3 | 5 |
| 44 | Comparison of reverse-transcription real-time PCR and immunohistochemistry for the detection of canine distemper virus infection in raccoons in Ontario, Canada. *Journal of Veterinary Diagnostic Investigation*, **2018**, 30, 319-323 | 1.5 | 5 |
| 43 | Effect of experimental ectoparasite control on bartonella infections in wild Richardson's ground squirrels. *Journal of Wildlife Diseases*, **2006**, 42, 750-8 | 1.3 | 5 |
| 42 | Red Fox as Sentinel for Blastomyces dermatitidis, Ontario, Canada. *Emerging Infectious Diseases*, **2016**, 22, 1275-7 | 10.2 | 5 |
| 41 | Echinococcus multilocularis in a wild free-living eastern chipmunk (Tamias striatus) in Southern Ontario: A case report and subsequent field study of wild small mammals. *Veterinary Parasitology: Regional Studies and Reports*, **2018**, 13, 234-237 | 1.2 | 5 |
| 40 | DETECTION OF LYMPHOPROLIFERATIVE DISEASE VIRUS IN CANADA IN A SURVEY FOR VIRUSES IN ONTARIO WILD TURKEYS ( MELEAGRIS GALLOPAVO). *Journal of Wildlife Diseases*, **2019**, 55, 113-122 | 1.3 | 4 |
| 39 | A longitudinal study of feed contamination by European starling excreta in Ohio dairy farms (2007-2008). *Journal of Dairy Science*, **2014**, 97, 5230-8 | 4 | 4 |
| 38 | Cluster Analysis of Campylobacter jejuni Genotypes Isolated from Small and Medium-Sized Mammalian Wildlife and Bovine Livestock from Ontario Farms. *Zoonoses and Public Health*, **2017**, 64, 185-193 | 2.9 | 4 |
| 37 | On-farm starling populations and other environmental and management factors associated with the presence of cefotaxime and ciprofloxacin resistant E. coli among dairy cattle in Ohio. *Preventive Veterinary Medicine*, **2016**, 134, 122-127 | 3.1 | 4 |
| 36 | A framework for adaptive surveillance of emerging tick-borne zoonoses. *One Health*, **2019**, 7, 100083 | 7.6 | 4 |
| 35 | Prevalence and distribution of Dirofilaria immitis infection in wild canids in southern Ontario. *Veterinary Parasitology: Regional Studies and Reports*, **2019**, 18, 100349 | 1.2 | 4 |

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| 34 | Tick infestations of wildlife and companion animals in Ontario, Canada, with detection of human pathogens in Ixodes scapularis ticks. *Ticks and Tick-borne Diseases*, **2019**, 10, 72-76 | 3.6 | 4 |
| 33 | Prevalence, Distribution, and Risk Factors Associated With Macracanthorhynchus ingens Infections In Raccoons From Ontario, Canada. *Journal of Parasitology*, **2018**, 104, 457-464 | 0.9 | 4 |
| 32 | The Expectations and Challenges of Wildlife Disease Research in the Era of Genomics: Forecasting with a Horizon Scan-like Exercise. *Journal of Heredity*, **2019**, 110, 261-274 | 2.4 | 3 |
| 31 | Selective whole genome amplification and sequencing of Coxiella burnetii directly from environmental samples. *Genomics*, **2020**, 112, 1872-1878 | 4.3 | 3 |
| 30 | Revisiting Ophidiomycosis (Snake Fungal Disease) After a Decade of Targeted Research. *Frontiers in Veterinary Science*, **2021**, 8, 665805 | 3.1 | 3 |
| 29 | COMPARISON OF TWO SURVEILLANCE COMPONENTS FOR INVESTIGATING THE EPIDEMIOLOGY OF CANINE DISTEMPER VIRUS IN RACCOONS (PROCYON LOTOR). *Journal of Wildlife Diseases*, **2021**, 57, 104-115 | 1.3 | 3 |
| 28 | Risk factors associated with the carriage of Ixodes scapularis relative to other tick species in a population of pet dogs from southeastern Ontario, Canada. *Ticks and Tick-borne Diseases*, **2019**, 10, 290-298 | 3.6 | 2 |
| 27 | Dairy cattle management factors that influence on-farm density of European starlings in Ohio, 2007-2009. *Preventive Veterinary Medicine*, **2015**, 120, 162-168 | 3.1 | 2 |
| 26 | Frequency of Virus Coinfection in Raccoons ( Procyon lotor) and Striped Skunks ( Mephitis mephitis) During a Concurrent Rabies and Canine Distemper Outbreak. *Journal of Wildlife Diseases*, **2018**, 54, 622-625 | 1.3 | 2 |
| 25 | HIGH PREVALENCE OF MYCOPLASMA AND EIMERIA SPECIES IN FREE-RANGING EASTERN WILD TURKEYS ( MELEAGRIS GALLOPAVO SILVESTRIS) IN ONTARIO, CANADA. *Journal of Wildlife Diseases*, **2019**, 55, 54-63 | 1.3 | 2 |
| 24 | Malignant mesenchymal tumors in two white-tailed jack rabbits (Lepus townsendii). *Journal of Wildlife Diseases*, **2004**, 40, 754-8 | 1.3 | 2 |
| 23 | Using whole-genome sequence data to examine the epidemiology of Salmonella, Escherichia coli and associated antimicrobial resistance in raccoons (Procyon lotor), swine manure pits, and soil samples on swine farms in southern Ontario, Canada. *PLoS ONE*, **2021**, 16, e0260234 | 3.7 | 2 |
| 22 | Spatio-temporal clustering of Baylisascaris procyonis, a zoonotic parasite, in raccoons across different landscapes in southern Ontario. *Spatial and Spatio-temporal Epidemiology*, **2020**, 35, 100371 | 3.5 | 2 |
| 21 | Seroprevalence and evaluation of risk factors associated with seropositivity for Borrelia burgdorferi in Ontario horses. *Equine Veterinary Journal*, **2021**, 53, 331-338 | 2.4 | 2 |
| 20 | Survey for Bacteria and Antimicrobial Resistance in Wild Turkeys ( Meleagris gallopavo) in Ontario, Canada. *Avian Diseases*, **2018**, 62, 184-188 | 1.6 | 2 |
| 19 | Factors associated with Echinococcus multilocularis infection in coyotes in southern Ontario. *Zoonoses and Public Health*, **2020**, 67, 546-553 | 2.9 | 1 |
| 18 | SARS-CoV-2 wildlife surveillance in Ontario and Quebec, Canada | | 1 |
| 17 | Temporal Detection Limits of Remnant Larval Bloodmeals in Nymphal Ixodes scapularis (Say, Ixodida: Ixodidae) Using Two Next-Generation Sequencing DNA Barcoding Assays. *Journal of Medical Entomology*, **2021**, 58, 821-829 | 2.2 | 1 |

# List of Publications

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|---|---|---|---|
| 16 | Evaluation of the prevalence of Echinococcus multilocularis in dogs that visit off-leash dog parks in southern Ontario, Canada. *Zoonoses and Public Health*, **2021**, 68, 533-537 | 2.9 | 1 |
| 15 | Carriage of , , and Antimicrobial-Resistant, Nonspecific by Waterfowl Species Collected from Three Sources in Southern Ontario, Canada. *Journal of Wildlife Diseases*, **2019**, 55, 917-922 | 1.3 | 1 |
| 14 | Rural Raccoons () Not Likely to Be a Major Driver of Antimicrobial Resistant Human Cases in Southern Ontario, Canada: A One Health Epidemiological Assessment Using Whole-Genome Sequence Data.. *Frontiers in Veterinary Science*, **2022**, 9, 840416 | 3.1 | 1 |
| 13 | Anticoagulant rodenticide exposure in raptors from Ontario, Canada.. *Environmental Science and Pollution Research*, **2022**, 1 | 5.1 | 0 |
| 12 | Canadian wildlife health surveillance patterns, challenges and opportunities identified by a scoping review. *Facets*, **2022**, 7, 25-44 | 2.3 | 0 |
| 11 | Serologic Evidence of Arthropod-Borne Virus Infections in Wild and Captive Ruminants in Ontario, Canada. *American Journal of Tropical Medicine and Hygiene*, **2020**, 103, 2100-2107 | 3.2 | 0 |
| 10 | A RETROSPECTIVE SUMMARY OF CERVID MORBIDITY AND MORTALITY IN ONTARIO AND NUNAVUT REGIONS OF CANADA (1991-2017). *Journal of Wildlife Diseases*, **2020**, 56, 884-895 | 1.3 | 0 |
| 9 | Investigation of the occurrence of in coyotes in southern Ontario, Canada. *Journal of Veterinary Diagnostic Investigation*, **2021**, 33, 664-669 | 1.5 | 0 |
| 8 | Widespread occurrence of in Ontario, Canada, and predicted habitat suitability for the emerging .. *Ecology and Evolution*, **2022**, 12, e8798 | 2.8 | 0 |
| 7 | The Utility of a Maximum Entropy Species Distribution Model for Ixodes scapularis in Predicting the Public Health Risk of Lyme Disease in Ontario, Canada. *Ticks and Tick-borne Diseases*, **2022**, 101969 | 3.6 | 0 |
| 6 | Prevalence of Baylisascaris procyonis in raccoon latrines in southern Ontario, Canada. *Veterinary Parasitology: Regional Studies and Reports*, **2020**, 20, 100392 | 1.2 | |
| 5 | Environmental factors associated with Baylisascaris procyonis infection from a population of raccoons in Toronto, Ontario, Canada. *Urban Ecosystems*,1 | 2.8 | |
| 4 | Evaluation of 2 ELISAs to determine seropositivity in horses over a 12-month period. *Journal of Veterinary Diagnostic Investigation*, **2021**, 33, 736-739 | 1.5 | |
| 3 | Epidemiology of Campylobacter jejuni in raccoons (Procyon lotor) on swine farms and in conservation areas in southern Ontario. *Zoonoses and Public Health*, **2021**, 68, 19-28 | 2.9 | |
| 2 | Prevalence of intestinal parasites in dogs in southern Ontario, Canada, based on fecal samples tested using sucrose double centrifugation and Fecal Dx tests. *Veterinary Parasitology: Regional Studies and Reports*, **2021**, 26, 100618 | 1.2 | |
| 1 | Using whole-genome sequence data to examine the epidemiology of antimicrobial resistance in Escherichia coli from wild meso-mammals and environmental sources on swine farms, conservation areas, and the Grand River watershed in southern Ontario, Canada.. *PLoS ONE*, **2022**, 17, e0266829 | 3.7 | |