

# Sadie J. Ryan

## List of Publications by Year in descending order

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Version: 2024-02-01

147  
papers

7,307  
citations

87723

38  
h-index

76769

74  
g-index

205  
all docs

205  
docs citations

205  
times ranked

8942  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The Normalized Difference Vegetation Index (NDVI): unforeseen successes in animal ecology. <i>Climate Research</i> , 2011, 46, 15-27.  | 0.4 | 546       |
| 2  | Global expansion and redistribution of Aedes-borne virus transmission risk with climate change. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007213.                                  | 1.3 | 484       |
| 3  | Optimal temperature for malaria transmission is dramatically lower than previously predicted. <i>Ecology Letters</i> , 2013, 16, 22-30.  | 3.0 | 466       |
| 4  | Detecting the impact of temperature on transmission of Zika, dengue, and chikungunya using mechanistic models. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005568.                   | 1.3 | 430       |
| 5  | LoCoH: Nonparametric Kernel Methods for Constructing Home Ranges and Utilization Distributions. <i>PLoS ONE</i> , 2007, 2, e207.   | 1.1 | 410       |
| 6  | Thermal biology of mosquito-borne disease. <i>Ecology Letters</i> , 2019, 22, 1690-1708.   | 3.0 | 349       |
| 7  | Dengue Vector Dynamics ( <i>Aedes aegypti</i> ) Influenced by Climate and Social Factors in Ecuador: Implications for Targeted Control. <i>PLoS ONE</i> , 2013, 8, e78263.                     | 1.1 | 168       |
| 8  | Climate change could shift disease burden from malaria to arboviruses in Africa. <i>Lancet Planetary Health</i> , The, 2020, 4, e416-e423.   | 5.1 | 163       |
| 9  | Temperature drives Zika virus transmission: evidence from empirical and mathematical models. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180795.             | 1.2 | 151       |
| 10 | Mapping Physiological Suitability Limits for Malaria in Africa Under Climate Change. <i>Vector-Borne and Zoonotic Diseases</i> , 2015, 15, 718-725.  | 0.6 | 136       |
| 11 | An open challenge to advance probabilistic forecasting for dengue epidemics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24268-24274.  | 3.3 | 136       |
| 12 | Nonlinear and delayed impacts of climate on dengue risk in Barbados: A modelling study. <i>PLoS Medicine</i> , 2018, 15, e1002613.   | 3.9 | 135       |
| 13 | Misconceptions about weather and seasonality must not misguide COVID-19 response. <i>Nature Communications</i> , 2020, 11, 4312.   | 5.8 | 124       |
| 14 | Efforts going to the dogs? Evaluating attempts to re-introduce endangered wild dogs in South Africa. <i>Journal of Applied Ecology</i> , 2008, 45, 100-108.                                    | 1.9 | 110       |
| 15 | Range and Habitat Selection of African Buffalo in South Africa. <i>Journal of Wildlife Management</i> , 2006, 70, 764-776.   | 0.7 | 102       |
| 16 | Making ecological models adequate. <i>Ecology Letters</i> , 2018, 21, 153-166.   | 3.0 | 100       |
| 17 | Understanding uncertainty in temperature effects on vector-borne disease: a Bayesian approach. <i>Ecology</i> , 2015, 96, 203-213.   | 1.5 | 98        |
| 18 | Spatiotemporal clustering, climate periodicity, and social-ecological risk factors for dengue during an outbreak in Machala, Ecuador, in 2010. <i>BMC Infectious Diseases</i> , 2014, 14, 610. | 1.3 | 88        |

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|----|---|-----|-----------|
| 19 | A global map of suitability for coastal <i>Vibrio cholerae</i> under current and future climate conditions. <i>Acta Tropica</i> , 2015, 149, 202-211.                                       | 0.9 | 87        |
| 20 | Shifting transmission risk for malaria in Africa with climate change: a framework for planning and intervention. <i>Malaria Journal</i> , 2020, 19, 170.                                    | 0.8 | 83        |
| 21 | Patterns and Perceptions of Climate Change in a Biodiversity Conservation Hotspot. <i>PLoS ONE</i> , 2012, 7, e32408.   | 1.1 | 83        |
| 22 | Consequences of Non-Intervention for Infectious Disease in African Great Apes. <i>PLoS ONE</i> , 2011, 6, e29030.   | 1.1 | 79        |
| 23 | Methods for assessing movement path recursion with application to African buffalo in South Africa. <i>Ecology</i> , 2009, 90, 2467-2479.  | 1.5 | 77        |
| 24 | The utility of normalized difference vegetation index for predicting African buffalo forage quality. <i>Journal of Wildlife Management</i> , 2012, 76, 1499-1508.                           | 0.7 | 71        |
| 25 | Ecological cues, gestation length, and birth timing in African buffalo ( <i>Syncerus caffer</i> ). <i>Behavioral Ecology</i> , 2007, 18, 635-644.   | 1.0 | 70        |
| 26 | Temperature explains broad patterns of Ross River virus transmission. <i>ELife</i> , 2018, 7, .   | 2.8 | 67        |
| 27 | Validation of Satellite Rainfall Products for Western Uganda. <i>Journal of Hydrometeorology</i> , 2014, 15, 2030-2038.   | 0.7 | 64        |
| 28 | A social-ecological analysis of community perceptions of dengue fever and <i>Aedes aegypti</i> in Machala, Ecuador. <i>BMC Public Health</i> , 2014, 14, 1135.                              | 1.2 | 62        |
| 29 | Top-down or bottom-up?. <i>Land Use Policy</i> , 2010, 27, 815-826.   | 2.5 | 59        |
| 30 | Satellite-based rainfall data reveal a recent drying trend in central equatorial Africa. <i>Climatic Change</i> , 2014, 126, 263-272.   | 1.7 | 59        |
| 31 | The science of the host-virus network. <i>Nature Microbiology</i> , 2021, 6, 1483-1492.   | 5.9 | 59        |
| 32 | Warming temperatures could expose more than 1.3 billion new people to Zika virus risk by 2050. <i>Global Change Biology</i> , 2021, 27, 84-93.  | 4.2 | 57        |
| 33 | A Survey of Gastrointestinal Parasites of Olive Baboons ( <i>Papio anubis</i> ) in Human Settlement Areas of Mole National Park, Ghana. <i>Journal of Parasitology</i> , 2012, 98, 885-888. | 0.3 | 54        |
| 34 | Now there is no land: a story of ethnic migration in a protected area landscape in western Uganda. <i>Population and Environment</i> , 2015, 36, 452-479.                                   | 1.3 | 50        |
| 35 | Addressing vulnerability, building resilience: community-based adaptation to vector-borne diseases in the context of global change. <i>Infectious Diseases of Poverty</i> , 2017, 6, 166.   | 1.5 | 50        |
| 36 | Consensus and conflict among ecological forecasts of Zika virus outbreaks in the United States. <i>Scientific Reports</i> , 2018, 8, 4921.  | 1.6 | 50        |

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|----|---|-----|-----------|
| 37 | Climate predicts geographic and temporal variation in mosquito-borne disease dynamics on two continents. <i>Nature Communications</i> , 2021, 12, 1233.   | 5.8 | 49        |
| 38 | Social-ecological factors and preventive actions decrease the risk of dengue infection at the household-level: Results from a prospective dengue surveillance study in Machala, Ecuador. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006150.                | 1.3 | 49        |
| 39 | Effects of Political Instability in Venezuela on Malaria Resurgence at Ecuadorâ€™Peru Border, 2018. <i>Emerging Infectious Diseases</i> , 2019, 25, 834-836.  | 2.0 | 47        |
| 40 | The future of zoonotic risk prediction. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200358.  | 1.8 | 47        |
| 41 | The Social and Spatial Ecology of Dengue Presence and Burden during an Outbreak in Guayaquil, Ecuador, 2012. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 827.  | 1.2 | 46        |
| 42 | Spatially Explicit Data: Stewardship and Ethical Challenges in Science. <i>PLoS Biology</i> , 2013, 11, e1001634.   | 2.6 | 43        |
| 43 | The Burden of Dengue Fever and Chikungunya in Southern Coastal Ecuador: Epidemiology, Clinical Presentation, and Phylogenetics from the First Two Years of a Prospective Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 1444-1459.       | 0.6 | 41        |
| 44 | A saliva-based rapid test to quantify the infectious subclinical malaria parasite reservoir. <i>Science Translational Medicine</i> , 2019, 11, .  | 5.8 | 40        |
| 45 | Conservation in the maelstrom of Covidâ€™19 â€™ a call to action to solve the challenges, exploit opportunities and prepare for the next pandemic. <i>Animal Conservation</i> , 2020, 23, 235-238.  | 1.5 | 39        |
| 46 | Geographic shifts in <i>Aedes aegypti</i> habitat suitability in Ecuador using larval surveillance data and ecological niche modeling: Implications of climate change for public health vector control. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007322. | 1.3 | 38        |
| 47 | Effects of hand-rearing on the reproductive success of western lowland gorillas in North America. <i>Zoo Biology</i> , 2002, 21, 389-401.   | 0.5 | 36        |
| 48 | Diversity: The Role of Culture in Conservation Planning for Small or Endangered Populations. <i>Conservation Biology</i> , 2006, 20, 1321-1324.   | 2.4 | 36        |
| 49 | Temperature impacts the environmental suitability for malaria transmission by <i>Anopheles gambiae</i> and <i>Anopheles stephensi</i> . <i>Ecology</i> , 2022, 103, e3685.  | 1.5 | 34        |
| 50 | Assessing the risk of humanâ€™wildlife pathogen transmission for conservation and public health. <i>Ecology Letters</i> , 2022, 25, 1534-1549.  | 3.0 | 33        |
| 51 | Landscapes as continuous entities: forest disturbance and recovery in the Albertine Rift landscape. <i>Landscape Ecology</i> , 2011, 26, 877-890.   | 1.9 | 30        |
| 52 | Contrasting perceptions of ecosystem services of an African forest park. <i>Environmental Conservation</i> , 2014, 41, 330-340.   | 0.7 | 29        |
| 53 | Phenomenological forecasting of disease incidence using heteroskedastic Gaussian processes: A dengue case study. <i>Annals of Applied Statistics</i> , 2018, 12, .  | 0.5 | 29        |
| 54 | Intersexual Conflict and Group Size in <i>Alouatta palliata</i> : A 23-year Evaluation. <i>International Journal of Primatology</i> , 2008, 29, 405-420.  | 0.9 | 28        |

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|----|--|-----|-----------|
| 55 | Knowledge, attitudes, and practices regarding dengue infection among public sector healthcare providers in Machala, Ecuador. <i>Tropical Diseases, Travel Medicine and Vaccines</i> , 2016, 2, 8.                                  | 0.9 | 28        |
| 56 | Socio-Ecological Factors Associated with Dengue Risk and <i>Aedes aegypti</i> Presence in the Galpagos Islands, Ecuador. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 682.                | 1.2 | 26        |
| 57 | Activity patterns of African buffalo &lt;i>Syncerus caffer</i> in the Lower Sabie Region, Kruger National Park, South Africa. <i>Koedoe</i> , 2005, 48, 117.   | 0.3 | 24        |
| 58 | Defining herbivore assemblages in the Kruger National Park: a correlative coherence approach. <i>Oecologia</i> , 2006, 146, 632-640.   | 0.9 | 24        |
| 59 | deBInfer: Bayesian inference for dynamical models of biological systems in <sc>R</sc>. <i>Methods in Ecology and Evolution</i> , 2017, 8, 511-518.   | 2.2 | 24        |
| 60 | Park isolation in anthropogenic landscapes: land change and livelihoods at park boundaries in the African Albertine Rift. <i>Regional Environmental Change</i> , 2018, 18, 913-928.  | 1.4 | 24        |
| 61 | Predicting the fundamental thermal niche of crop pests and diseases in a changing world: A case study on citrus greening. <i>Journal of Applied Ecology</i> , 2019, 56, 2057-2068.   | 1.9 | 24        |
| 62 | Hunting, food subsidies, and mesopredator release: the dynamics of crop-raiding baboons in a managed landscape. <i>Ecology</i> , 2016, 97, 951-960.  | 1.5 | 23        |
| 63 | Perceptions of risk in communities near parks in an African biodiversity hotspot. <i>Ambio</i> , 2016, 45, 692-705.  | 2.8 | 23        |
| 64 | Changes in vegetation persistence across global savanna landscapes, 1982-2010. <i>Journal of Land Use Science</i> , 2016, 11, 7-32.  | 1.0 | 23        |
| 65 | Population pressure and global markets drive a decade of forest cover change in Africa's Albertine Rift. <i>Applied Geography</i> , 2017, 81, 52-59.   | 1.7 | 23        |
| 66 | HIV knowledge mediates the relationship between HIV testing history and stigma in college students. <i>Journal of American College Health</i> , 2018, 66, 561-569.   | 0.8 | 23        |
| 67 | Trends and Opportunities in Tick-Borne Disease Geography. <i>Journal of Medical Entomology</i> , 2021, 58, 2021-2029.  | 0.9 | 23        |
| 68 | The Global Virome in One Network (VIRION): an Atlas of Vertebrate-Virus Associations. <i>MBio</i> , 2022, 13, e0298521.  | 1.8 | 23        |
| 69 | Urban-adapted mammal species have more known pathogens. <i>Nature Ecology and Evolution</i> , 2022, 6, 794-801.  | 3.4 | 23        |
| 70 | Disease Prevention versus Data Privacy: Using Landcover Maps to Inform Spatial Epidemic Models. <i>PLoS Computational Biology</i> , 2012, 8, e1002723.   | 1.5 | 22        |
| 71 | Seasonal and geographic variation in insecticide resistance in <i>Aedes aegypti</i> in southern Ecuador. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007448.   | 1.3 | 21        |
| 72 | Age influences the thermal suitability of <i>Plasmodium falciparum</i> transmission in the Asian malaria vector <i>Anopheles stephensi</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201093. | 1.2 | 21        |

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|----|--|-----|-----------|
| 73 | Changing livestock vaccination policy alters the epidemiology of human anthrax, Georgia, 2000â€“2013. <i>Vaccine</i> , 2017, 35, 6283-6289.  | 1.7 | 20        |
| 74 | Remote Sensing in Ecology and Conservation: three years on. <i>Remote Sensing in Ecology and Conservation</i> , 2017, 3, 53-56.  | 2.2 | 20        |
| 75 | Co-developing climate services for public health: Stakeholder needs and perceptions for the prevention and control of Aedes-transmitted diseases in the Caribbean. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007772. | 1.3 | 20        |
| 76 | MIReAD, a minimum information standard for reporting arthropod abundance data. <i>Scientific Data</i> , 2019, 6, 40.   | 2.4 | 20        |
| 77 | Modeling R0 for Pathogens with Environmental Transmission: Animal Movements, Pathogen Populations, and Local Infectious Zones. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 954.         | 1.2 | 20        |
| 78 | Mammal virus diversity estimates are unstable due to accelerating discovery effort. <i>Biology Letters</i> , 2022, 18, 20210427.   | 1.0 | 20        |
| 79 | Disease risk and inter-institutional transfer of specimens in cooperative breeding programs: Herpes and the elephant species survival plans. <i>Zoo Biology</i> , 2001, 20, 89-101.  | 0.5 | 19        |
| 80 | Malaria control and senescence: the importance of accounting for the pace and shape of aging in wild mosquitoes. <i>Ecosphere</i> , 2015, 6, 1-13.   | 1.0 | 19        |
| 81 | Household level influences on fragmentation in an African park landscape. <i>Applied Geography</i> , 2015, 58, 18-31.  | 1.7 | 19        |
| 82 | Quantifying seasonal and diel variation in Anopheline and Culex human biting rates in Southern Ecuador. <i>Malaria Journal</i> , 2017, 16, 479.  | 0.8 | 19        |
| 83 | Solar geoengineering could redistribute malaria risk in developing countries. <i>Nature Communications</i> , 2022, 13, 2150.   | 5.8 | 17        |
| 84 | Outbreak of Zika Virus Infections, Dominica, 2016. <i>Emerging Infectious Diseases</i> , 2017, 23, 1926-1927.  | 2.0 | 16        |
| 85 | Assessing the nonhuman primate reservoir of <i>Schistosoma mansoni</i> in Africa: a systematic review. <i>Infectious Diseases of Poverty</i> , 2019, 8, 32.  | 1.5 | 16        |
| 86 | Severity Index for Suspected Arbovirus (SISA): Machine learning for accurate prediction of hospitalization in subjects suspected of arboviral infection. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007969.           | 1.3 | 16        |
| 87 | Competition alters seasonal resource selection and promotes use of invasive shrubs by an imperiled native cottontail. <i>Ecology and Evolution</i> , 2018, 8, 11122-11133.   | 0.8 | 15        |
| 88 | The origins of dengue and chikungunya viruses in Ecuador following increased migration from Venezuela and Colombia. <i>BMC Evolutionary Biology</i> , 2020, 20, 31.  | 3.2 | 15        |
| 89 | Data Proliferation, Reconciliation, and Synthesis in Viral Ecology. <i>BioScience</i> , 2021, 71, 1148-1156.   | 2.2 | 15        |
| 90 | Understanding Long-Term Savanna Vegetation Persistence across Three Drainage Basins in Southern Africa. <i>Remote Sensing</i> , 2018, 10, 1013.  | 1.8 | 14        |

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|-----|--|-----|-----------|
| 91  | Spatiotemporal Tools for Emerging and Endemic Disease Hotspots in Small Areas: An Analysis of Dengue and Chikungunya in Barbados, 2013â€“2016. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 149-156.                                | 0.6 | 14        |
| 92  | Spatial variation in the frequency of knockdown resistance genotypes in Florida <i>Aedes aegypti</i> populations. <i>Parasites and Vectors</i> , 2020, 13, 241.  | 1.0 | 13        |
| 93  | Beyond Ecological Success of Corridors: Integrating Land Use History and Demographic Change to Provide a Whole Landscape Perspective. <i>Ecological Restoration</i> , 2012, 30, 320-328.   | 0.6 | 12        |
| 94  | African buffalo <i>Syncerus caffer</i> (Sparrman, 1779)., 2014, , 326-372.   |     | 12        |
| 95  | Decoupling environmental effects and host population dynamics for anthrax, a classic reservoir-driven disease. <i>PLoS ONE</i> , 2018, 13, e0208621.   | 1.1 | 12        |
| 96  | Hierarchical population structure of a rare lagomorph indicates recent fragmentation has disrupted metapopulation function. <i>Conservation Genetics</i> , 2019, 20, 1237-1249.  | 0.8 | 12        |
| 97  | Exploring the Niche of <i>Rickettsia montanensis</i> (Rickettsiales: Rickettsiaceae) Infection of the American Dog Tick (Acari: Ixodidae), Using Multiple Species Distribution Model Approaches. <i>Journal of Medical Entomology</i> , 2021, 58, 1083-1092. | 0.9 | 12        |
| 98  | Building resilience to mosquito-borne diseases in the Caribbean. <i>PLoS Biology</i> , 2020, 18, e3000791.   | 2.6 | 12        |
| 99  | Interactions between Social Structure, Demography, and Transmission Determine Disease Persistence in Primates. <i>PLoS ONE</i> , 2013, 8, e76863.  | 1.1 | 11        |
| 100 | Determinants of home-range size of imperiled New England cottontails ( <i>Sylvilagus transitionalis</i> ) and introduced eastern cottontails ( <i>Sylvilagus floridanus</i> ). <i>Canadian Journal of Zoology</i> , 2019, 97, 516-523.                       | 0.4 | 11        |
| 101 | Effects of changes in temperature on Zika dynamics and control. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210165.  | 1.5 | 11        |
| 102 | Incongruent HIV and tuberculosis co-dynamics in Kenya: Interacting epidemics monitor each other. <i>Epidemics</i> , 2009, 1, 14-20.  | 1.5 | 10        |
| 103 | Robust detection of plant species distribution shifts under biased sampling regimes. <i>Ecosphere</i> , 2011, 2, art115.   | 1.0 | 10        |
| 104 | Sex-specific Elk Resource Selection during the Anthrax Risk Period. <i>Journal of Wildlife Management</i> , 2021, 85, 145-155.   | 0.7 | 10        |
| 105 | Scoping review of distribution models for selected <i>Amblyomma</i> ticks and rickettsial group pathogens. <i>PeerJ</i> , 2021, 9, e10596.   | 0.9 | 10        |
| 106 | Is conservation based on best available science creating an ecological trap for an imperiled lagomorph?. <i>Ecology and Evolution</i> , 2021, 11, 912-930.   | 0.8 | 10        |
| 107 | Using stage-based system dynamics modeling for demographic management of captive populations. <i>Zoo Biology</i> , 2003, 22, 45-64.  | 0.5 | 9         |
| 108 | A generic arboviral model framework for exploring trade-offs between vector control and environmental concerns. <i>Journal of Theoretical Biology</i> , 2020, 490, 110161.   | 0.8 | 9         |

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|-----|---|-----|-----------|
| 109 | Implications of Insecticide-Treated Mosquito Net Fishing in Lower Income Countries. <i>Environmental Health Perspectives</i> , 2021, 129, 15001.  | 2.8 | 9         |
| 110 | Intersecting vulnerabilities: climatic and demographic contributions to future population exposure to Aedes-borne viruses in the United States. <i>Environmental Research Letters</i> , 2020, 15, 084046.                                     | 2.2 | 9         |
| 111 | Zika Virus Outbreak, Barbados, 2015–2016. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 1857-1859.   | 0.6 | 9         |
| 112 | Assessing impacts to primary productivity at the park edge in Murchison Falls Conservation Area, Uganda. <i>Ecosphere</i> , 2016, 7, e01486.  | 1.0 | 8         |
| 113 | Polisyè Kont Moustik: A Culturally Competent Approach to Larval Source Reduction in the Context of Lymphatic Filariasis and Malaria Elimination in Haiti. <i>Tropical Medicine and Infectious Disease</i> , 2017, 2, 39.                      | 0.9 | 8         |
| 114 | The impact of industrial oil development on a protected area landscape: demographic and social change at Murchison Falls Conservation Area, Uganda. <i>Population and Environment</i> , 2018, 39, 197-218.                                    | 1.3 | 8         |
| 115 | Assessing the impacts of oil exploration and restoration on mammals in Murchison Falls Conservation Area, Uganda. <i>African Journal of Ecology</i> , 2018, 56, 804-817.  | 0.4 | 8         |
| 116 | Environmental Drivers of Ranavirus in Free-Living Amphibians in Constructed Ponds. <i>EcoHealth</i> , 2018, 15, 608-618.  | 0.9 | 8         |
| 117 | Examining the relationship between migration and forest cover change in Mexico from 2001 to 2010. <i>Land Use Policy</i> , 2020, 91, 104334.  | 2.5 | 8         |
| 118 | Welfare at Multiple Scales: Importance of Zoo Elephant Population Welfare in a World of Declining Wild Populations. <i>PLoS ONE</i> , 2016, 11, e0158701.   | 1.1 | 7         |
| 119 | Mapping Thermal Physiology of Vector-Borne Diseases in a Changing Climate: Shifts in Geographic and Demographic Risk of Suitability. <i>Current Environmental Health Reports</i> , 2020, 7, 415-423.  | 3.2 | 7         |
| 120 | Exploring the utility of social-ecological and entomological risk factors for dengue infection as surveillance indicators in the dengue hyper-endemic city of Machala, Ecuador. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009257. | 1.3 | 7         |
| 121 | Household and climate factors influence <i>Aedes aegypti</i> presence in the arid city of Huaquillas, Ecuador. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009931.  | 1.3 | 7         |
| 122 | Habitat use, activity patterns and human interactions with jaguars ( <i>Panthera onca</i> ) in southern Belize. <i>Oryx</i> , 2018, 52, 276-281.  | 0.5 | 6         |
| 123 | Predicting temperature-dependent transmission suitability of bluetongue virus in livestock. <i>Parasites and Vectors</i> , 2021, 14, 382.   | 1.0 | 6         |
| 124 | Ungulate use of locally infectious zones in a re-emerging anthrax risk area. <i>Royal Society Open Science</i> , 2020, 7, 200246.   | 1.1 | 5         |
| 125 | A network analysis framework to improve the delivery of mosquito abatement services in Machala, Ecuador. <i>International Journal of Health Geographics</i> , 2020, 19, 3.  | 1.2 | 5         |
| 126 | Climate Change Impacts on Human Health. , 2017, , .   |     | 5         |



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|-----|--|-----|-----------|
| 127 | REFERENCE AND BASELINE HEMATOCRIT MEASURES FOR THE THREATENED NEW ENGLAND COTTONTAIL (SYLVILAGUS TRANSITIONALIS) AND COMPARISON WITH SYMPATRIC EASTERN COTTONTAIL (SYLVILAGUS T. J. ET AL. 2017) 0.784314  | 1.0 | 1         |
| 128 | Changing measurements or changing movements? Sampling scale and movement model identifiability across generations of biologging technology. <i>Ecology and Evolution</i> , 2017, 7, 9257-9266.   | 0.8 | 4         |
| 129 | Using a coupled dynamic factor " random forest analysis (DFRFA) to reveal drivers of spatiotemporal heterogeneity in the semi-arid regions of southern Africa. <i>PLoS ONE</i> , 2018, 13, e0208400.   | 1.1 | 4         |
| 130 | Measuring dimensions of HIV-related stigma among college students.. <i>Stigma and Health</i> , 2021, 6, 296-303.   | 1.2 | 4         |
| 131 | Implications of Spatial Data Variations for Protected Areas Management: An Example from East Africa. <i>Environmental Management</i> , 2014, 54, 596-605.  | 1.2 | 3         |
| 132 | Spatiotemporal Variation in Environmental <i>Vibrio cholerae</i> in an Estuary in Southern Coastal Ecuador. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 486.  | 1.2 | 3         |
| 133 | Potential <i>Bacillus anthracis</i> Risk Zones for Male Plains Bison ( <i>Bison bison bison</i> ) in Southwestern Montana, USA. <i>Journal of Wildlife Diseases</i> , 2019, 55, 136.   | 0.3 | 3         |
| 134 | Gastrointestinal parasites of the New England cottontail rabbit ( <i>Sylvilagus transitionalis</i> ) and eastern cottontail rabbit ( <i>Sylvilagus floridanus</i> ) in the Hudson Valley, New York. <i>Parasitology Research</i> , 2019, 118, 2257-2262.                 | 0.6 | 3         |
| 135 | Anthrax Surveillance and the Limited Overlap Between Obligate Scavengers and Endemic Anthrax Zones in the United States. <i>Vector-Borne and Zoonotic Diseases</i> , 2021, 21, 675-684.  | 0.6 | 3         |
| 136 | MPowering ecologists: community assembly tools for community assembly rules. <i>Oikos</i> , 2010, 119, 1064-1069.  | 1.2 | 2         |
| 137 | Sexual Risk Factors and Human Immunodeficiency Virus Testing Intention Among At-Risk College Students Who Have Never Been Tested. <i>Sexually Transmitted Diseases</i> , 2019, 46, e76-e79.  | 0.8 | 2         |
| 138 | Key Findings and Comparisons From Analogous Case-Cluster Studies for Dengue Virus Infection Conducted in Machala, Ecuador, and Kamphaeng Phet, Thailand. <i>Frontiers in Public Health</i> , 2020, 8, 2.   | 1.3 | 2         |
| 139 | Surface temperatures of albatross eggs and nests. <i>Emu</i> , 2018, 118, 224-229.   | 0.2 | 1         |
| 140 | Protected Areas, Climate Change, and Ecosystem Sustainability. , 2018, , 202-219.  |     | 1         |
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| 142 | HIV-Related Stigma Moderates the Relation Between Perceived Susceptibility and HIV Testing Intention Among Heterosexual (but Not Sexual Minority) College Students. <i>Health Promotion Practice</i> , 2022, 23, 950-954.  | 0.9 | 1         |
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