

Climate Change and Infectious Diseases: From Evidence

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Climate change and species interactions: ways forward. <i>Annals of the New York Academy of Sciences</i> , 2013, 1297, 1-7.	1.8	44
2	Human health impacts of ecosystem alteration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18753-18760.	3.3	327
3	Toward a more systematic understanding of bacterial virulence factors and establishing Koch postulates in silico. <i>Virulence</i> , 2013, 4, 437-438.	1.8	2
4	What will climate change mean for infectious disease?. <i>BMJ, The</i> , 2013, 347, f6713-f6713.	3.0	1
5	Modelling the Impact of Temperature-Induced Life History Plasticity and Mate Limitation on the Epidemic Potential of a Marine Ectoparasite. <i>PLoS ONE</i> , 2014, 9, e88465.	1.1	51
6	Climatic Factors and Community - Associated Methicillin-Resistant <i>Staphylococcus aureus</i> Skin and Soft-Tissue Infections - A Time-Series Analysis Study. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 8996-9007.	1.2	23
7	Crossing the Interspecies Barrier: Opening the Door to Zoonotic Pathogens. <i>PLoS Pathogens</i> , 2014, 10, e1004129.	2.1	135
8	Modeling climate-dependent population dynamics of mosquitoes to guide public health policies. , 2014, , .		4
9	Warmer temperatures increase disease transmission and outbreak intensity in a host-pathogen system. <i>Journal of Animal Ecology</i> , 2014, 83, 838-849.	1.3	48
10	Climate change and habitat fragmentation drive the occurrence of <i>Borrelia burgdorferi</i> , the agent of Lyme disease, at the northeastern limit of its distribution. <i>Evolutionary Applications</i> , 2014, 7, 750-764.	1.5	122
11	Evolutionary perspectives on wildlife disease: concepts and applications. <i>Evolutionary Applications</i> , 2014, 7, 715-722.	1.5	11
12	Infectious disease, shifting climates, and opportunistic predators: cumulative factors potentially impacting wild salmon declines. <i>Evolutionary Applications</i> , 2014, 7, 812-855.	1.5	185
13	Environmental dependency of amphibian-ranavirus genotypic interactions: evolutionary perspectives on infectious diseases. <i>Evolutionary Applications</i> , 2014, 7, 723-733.	1.5	50
14	Global diversity and geography of soil fungi. <i>Science</i> , 2014, 346, 1256688.	6.0	2,513
15	Experimental warming drives a seasonal shift in the timing of host-parasite dynamics with consequences for disease risk. <i>Ecology Letters</i> , 2014, 17, 445-453.	3.0	75
16	Length of intervals between epidemics: evaluating the influence of maternal transfer of immunity. <i>Ecology and Evolution</i> , 2014, 4, 568-575.	0.8	13
17	Wildlife health in a rapidly changing North: focus on avian disease. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 548-556.	1.9	39
18	Applying evolutionary concepts to wildlife disease ecology and management. <i>Evolutionary Applications</i> , 2014, 7, 856-868.	1.5	47

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19	Culture-dependent and culture-independent analyses reveal no prokaryotic community shifts or recovery of <i>Serratia marcescens</i> in <i>Acropora palmata</i> with white pox disease. <i>FEMS Microbiology Ecology</i> , 2014, 88, 457-467.	1.3	33
20	Biomarkers of oxidative status: missing tools in conservation physiology. , 2014, 2, cou014-cou014.		94
21	Climate Change. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 1565.	3.8	354
22	Interplay between proteases and protease inhibitors in the sea fan's Aspergillus pathosystem. <i>Marine Biology</i> , 2014, 161, 2213-2220.	0.7	9
23	Climate-Driven Reshuffling of Species and Genes: Potential Conservation Roles for Species Translocations and Recombinant Hybrid Genotypes. <i>Insects</i> , 2014, 5, 1-61.	1.0	18
24	Exploiting parallels between livestock and wildlife: Predicting the impact of climate change on gastrointestinal nematodes in ruminants. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2014, 3, 209-219.	0.6	30
25	Electrochromics for smart windows: Oxide-based thin films and devices. <i>Thin Solid Films</i> , 2014, 564, 1-38.	0.8	816
26	Melanin-based colour polymorphism responding to climate change. <i>Global Change Biology</i> , 2014, 20, 3344-3350.	4.2	125
27	Pollution: A global threat. <i>Environment International</i> , 2014, 68, 162-170.	4.8	21
28	Generalists at the interface: Nematode transmission between wild and domestic ungulates. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2014, 3, 242-250.	0.6	58
29	Genetic diversity in caribou linked to past and future climate change. <i>Nature Climate Change</i> , 2014, 4, 132-137.	8.1	154
30	Changing climate and the altitudinal range of avian malaria in the Hawaiian Islands – an ongoing conservation crisis on the island of Kauai. <i>Global Change Biology</i> , 2014, 20, 2426-2436.	4.2	83
31	Delays in reducing waterborne and water-related infectious diseases in China under climate change. <i>Nature Climate Change</i> , 2014, 4, 1109-1115.	8.1	24
32	Finding Them Before They Find Us: Informatics, Parasites, and Environments in Accelerating Climate Change. <i>Comparative Parasitology</i> , 2014, 81, 155-164.	0.0	101
33	Climate warming will not decrease winter mortality. <i>Nature Climate Change</i> , 2014, 4, 190-194.	8.1	51
34	Everything in Moderation: Principles of Parasite Control for Wildlife Conservation. <i>BioScience</i> , 2014, 64, 932-937.	2.2	42
35	Emerging and Reemerging Neglected Tropical Diseases: a Review of Key Characteristics, Risk Factors, and the Policy and Innovation Environment. <i>Clinical Microbiology Reviews</i> , 2014, 27, 949-979.	5.7	150
36	Scuba diving damage and intensity of tourist activities increases coral disease prevalence. <i>Biological Conservation</i> , 2014, 178, 88-96.	1.9	179

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37	The cryptic role of biodiversity in the emergence of host-microbial mutualisms. <i>Ecology Letters</i> , 2014, 17, 1437-1446.	3.0	17
38	Climatic effects on mosquito abundance in Mediterranean wetlands. <i>Parasites and Vectors</i> , 2014, 7, 333.	1.0	79
39	Tick community composition in Midwestern US habitats in relation to sampling method and environmental conditions. <i>Experimental and Applied Acarology</i> , 2014, 64, 109-119.	0.7	35
40	Reduced parasite diversity and abundance in a marine whelk in its expanded geographical range. <i>Journal of Biogeography</i> , 2014, 41, 1674-1684.	1.4	19
41	Linking marine mammal and ocean health in the "New Normal"™ arctic. <i>Ocean and Coastal Management</i> , 2014, 102, 55-57.	2.0	25
42	A walk on the tundra: Host-parasite interactions in an extreme environment. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2014, 3, 198-208.	0.6	45
43	Local adaptation to temperature and the implications for vector-borne diseases. <i>Trends in Parasitology</i> , 2014, 30, 115-122.	1.5	107
44	Growing population and ecosystem change increase human schistosomiasis around Lake MalaÅµi. <i>Trends in Parasitology</i> , 2014, 30, 217-220.	1.5	17
45	Impact of temperature on childhood pneumonia estimated from satellite remote sensing. <i>Environmental Research</i> , 2014, 132, 334-341.	3.7	41
46	Invasive species challenge the global response to emerging diseases. <i>Trends in Parasitology</i> , 2014, 30, 267-270.	1.5	109
47	<i>Balamuthia mandrillaris</i> in South America: An emerging potential hidden pathogen in Peru. <i>Experimental Parasitology</i> , 2014, 145, S10-S19.	0.5	19
48	Adaptation to Heat and Water Shortage in Large, Arid-Zone Mammals. <i>Physiology</i> , 2014, 29, 159-167.	1.6	56
49	The interconnected and cross-border nature of risks posed by infectious diseases. <i>Global Health Action</i> , 2014, 7, 25287.	0.7	37
50	Asynchrony in host and parasite phenology may decrease disease risk in livestock under climate warming: <i>Nematodirus battus</i> in lambs as a case study. <i>Parasitology</i> , 2015, 142, 1306-1317.	0.7	37
51	The two sides of border disease in Pyrenean chamois (<i>Rupicapra pyrenaica</i>): silent persistence and population collapse. <i>Animal Health Research Reviews</i> , 2015, 16, 70-77.	1.4	17
52	Current and Potential Threats to Nordic Duck Populations – A Horizon Scanning Exercise. <i>Annales Zoologici Fennici</i> , 2015, 52, 193-220.	0.2	20
53	Cheap Food and Bad Climate: From Surplus Value to Negative Value in the Capitalist World-Ecology. <i>Critical Historical Studies</i> , 2015, 2, 1-43.	0.5	65
55	Impact Of Environmental Variation On Host Performance Differs With Pathogen Identity: Implications For Host-Pathogen Interactions In A Changing Climate. <i>Scientific Reports</i> , 2015, 5, 15351.	1.6	20

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56	Canopy cover and drought influence the landscape epidemiology of an amphibian chytrid fungus. <i>Ecosphere</i> , 2015, 6, art78.	1.0	20
57	Classical Swine Fever Changes the Way Farmers Value Pigs in South Africa. <i>Journal of Agricultural Economics</i> , 2015, 66, 812-831.	1.6	7
58	Elucidating the spatio-temporal dynamics of an emerging wildlife pathogen using approximate Bayesian computation. <i>Molecular Ecology</i> , 2015, 24, 5348-5363.	2.0	9
59	Prototype Early Warning Systems for Vector-Borne Diseases in Europe. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 6333-6351.	1.2	36
60	Green Infrastructure, Ecosystem Services, and Human Health. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 9768-9798.	1.2	256
61	A Method for Screening Climate Change-Sensitive Infectious Diseases. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 767-783.	1.2	20
62	Climate Change and Spatiotemporal Distributions of Vector-Borne Diseases in Nepal – A Systematic Synthesis of Literature. <i>PLoS ONE</i> , 2015, 10, e0129869.	1.1	77
63	Plastids: The Green Frontiers for Vaccine Production. <i>Frontiers in Plant Science</i> , 2015, 6, 1005.	1.7	36
64	Rodent reservoirs of future zoonotic diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7039-7044.	3.3	414
65	Seafood insecurity, bush meat consumption, and public health emergency in West Africa: Did we miss the early warning signs of an Ebola epidemic?. <i>Maritime Studies</i> , 2015, 14, 1.	1.1	11
66	Modeling the Effects of Climate Change on Disease Severity: A Case Study of Ceratonia (syn) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 34		3
67	The context of host competence: a role for plasticity in host-parasite dynamics. <i>Trends in Parasitology</i> , 2015, 31, 419-425.	1.5	96
68	Ranaviruses. , 2015, , .		38
69	Coral Reefs in the Anthropocene. , 2015, , .		23
70	Joint China-US Call for Employing a Transdisciplinary Approach to Emerging Infectious Diseases. <i>EcoHealth</i> , 2015, 12, 555-559.	0.9	3
71	Persistent impacts of West Nile virus on North American bird populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14290-14294.	3.3	65
72	Fishing for Effective Conservation: Context and Biotic Variation are Keys to Understanding the Survival of Pacific Salmon after Catch-and-Release. <i>Integrative and Comparative Biology</i> , 2015, 55, 554-576.	0.9	40
73	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

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74	Development and application of an eDNA method to detect and quantify a pathogenic parasite in aquatic ecosystems. <i>Ecological Applications</i> , 2015, 25, 991-1002.	1.8	101
75	Introducing One Health to the Ethical Debate About Zoonotic Diseases in Southeast Asia. <i>Bioethics</i> , 2015, 29, 588-596.	0.7	22
76	A generic weather-driven model to predict mosquito population dynamics applied to species of <i>Anopheles</i> , <i>Culex</i> and <i>Aedes</i> genera of southern France. <i>Preventive Veterinary Medicine</i> , 2015, 120, 39-50.	0.7	18
77	Fertilization and irrigation practice as source of microorganisms and the impact on nematodes as their potential vectors. <i>Applied Soil Ecology</i> , 2015, 90, 68-77.	2.1	9
78	Accelerated phenology of blacklegged ticks under climate warming. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130556.	1.8	68
79	Evolution in action: climate change, biodiversity dynamics and emerging infectious disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130553.	1.8	214
80	Evidence that implicit assumptions of "no evolution" of disease vectors in changing environments can be violated on a rapid timescale. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140136.	1.8	30
81	Assessing individual patterns of <i>Chinococcus multilocularis</i> infection in urban coyotes: non-invasive genetic sampling as an epidemiological tool. <i>Journal of Applied Ecology</i> , 2015, 52, 434-442.	1.9	11
82	Project MOSI: rationale and pilot study results of an initiative to help protect zoo animals from mosquito-transmitted pathogens and contribute data on mosquito spatio-temporal distribution change. <i>International Zoo Yearbook</i> , 2015, 49, 172-188.	1.0	6
83	Understanding uncertainty in temperature effects on vector-borne disease: a Bayesian approach. <i>Ecology</i> , 2015, 96, 203-213.	1.5	98
84	Disease Risk in a Dynamic Environment: The Spread of Tick-Borne Pathogens in Minnesota, USA. <i>EcoHealth</i> , 2015, 12, 152-163.	0.9	51
85	Regional and large-scale influences on seasonal to interdecadal variability in Caribbean surface air temperature in CMIP5 simulations. <i>Climate Dynamics</i> , 2015, 45, 455-475.	1.7	10
86	Plant-derived antifungal agent poacic acid targets β -1,3-glucan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1490-7.	3.3	91
87	Bacterial diseases in marine bivalves. <i>Journal of Invertebrate Pathology</i> , 2015, 131, 11-31.	1.5	137
88	Negative density-dependent mortality varies over time in a wet tropical forest, advantaging rare species, common species, or no species. <i>Oecologia</i> , 2015, 179, 853-861.	0.9	32
89	Contrasting futures for ocean and society from different anthropogenic CO ₂ emissions scenarios. <i>Science</i> , 2015, 349, aac4722.	6.0	1,059
90	The association between coral communities and disease assemblages in the Wakatobi Marine National Park, south-eastern Sulawesi, Indonesia. <i>Marine and Freshwater Research</i> , 2015, 66, 948.	0.7	4
91	Ungulates as model systems for the study of disease processes in natural populations. <i>Journal of Mammalogy</i> , 2015, 96, 4-15.	0.6	30

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93	The Effect of Meteorological Variables on the Transmission of Hand, Foot and Mouth Disease in Four Major Cities of Shanxi Province, China: A Time Series Data Analysis (2009-2013). <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003572.	1.3	58
94	Climate change and Arctic parasites. <i>Trends in Parasitology</i> , 2015, 31, 181-188.	1.5	35
95	What is infectiveness and how is it involved in infection and immunity?. <i>BMC Immunology</i> , 2015, 16, 13.	0.9	20
96	The Emergence of Global Systemic Risk. <i>Annual Review of Sociology</i> , 2015, 41, 65-85.	3.1	121
97	Projections of climate conditions that increase coral disease susceptibility and pathogen abundance and virulence. <i>Nature Climate Change</i> , 2015, 5, 688-694.	8.1	252
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100	Amphibian pathogens at northern latitudes: presence of chytrid fungus and ranavirus in northeastern Canada. <i>Diseases of Aquatic Organisms</i> , 2015, 113, 149-155.	0.5	14
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102	Climate change and adaptation of the health sector: The case of infectious diseases. <i>Virulence</i> , 2015, 6, 554-557.	1.8	22
103	Allergenic pollen season variations in the past two decades under changing climate in the United States. <i>Global Change Biology</i> , 2015, 21, 1581-1589.	4.2	84
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106	<i>Aspergillus</i> and aspergilloses in wild and domestic animals: a global health concern with parallels to human disease. <i>Medical Mycology</i> , 2015, 53, 765-797.	0.3	172
107	Climate change, biodiversity, ticks and tick-borne diseases: The butterfly effect. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2015, 4, 452-461.	0.6	182
108	Modeling the Present and Future Geographic Distribution of the Lone Star Tick, <i>Amblyomma americanum</i> (Ixodida: Ixodidae), in the Continental United States. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 875-890.	0.6	110
109	Global Climate Change and Children's Health. <i>Pediatrics</i> , 2015, 136, 992-997.	1.0	56

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110	Global Climate Change and Children's Health. <i>Pediatrics</i> , 2015, 136, e1468-e1484.	1.0	92
111	Integrating Parasites and Pathogens into the Study of Geographic Range Limits. <i>Quarterly Review of Biology</i> , 2015, 90, 361-380.	0.0	16
112	Diseases of Coral Reef Organisms. , 2015, , 147-178.		29
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115	An integrated parasitology: revealing the elephant through tradition and invention. <i>Trends in Parasitology</i> , 2015, 31, 128-133.	1.5	34
116	Flying with diverse passengers: greater richness of parasitic nematodes in migratory birds. <i>Oikos</i> , 2015, 124, 399-405.	1.2	68
117	Beyond mice and men: environmental change, immunity and infections in wild ungulates. <i>Parasite Immunology</i> , 2015, 37, 255-266.	0.7	28
118	Hemolymph microbiome of Pacific oysters in response to temperature, temperature stress and infection. <i>ISME Journal</i> , 2015, 9, 670-682.	4.4	304
119	Climate change and foodborne transmission of parasites: A consideration of possible interactions and impacts for selected parasites. <i>Food Research International</i> , 2015, 68, 16-23.	2.9	29
120	Biogeography of parasitism in freshwater fish: spatial patterns in hot spots of infection. <i>Ecography</i> , 2015, 38, 301-310.	2.1	23
121	Recommendations for the role of social science research in One Health. <i>Social Science and Medicine</i> , 2015, 129, 51-60.	1.8	66
122	Breeding seabird populations in Brazilian oceanic islands: historical review, update and a call for census standardization. <i>Revista Brasileira De Ornitologia</i> , 2016, 24, 94-115.	0.2	25
123	Climate and Human Health: Relations, Projections, and Future Implementations. <i>Climate</i> , 2016, 4, 18.	1.2	4
124	Avian Cholera emergence in Arctic-nesting northern Common Eiders: using community-based, participatory surveillance to delineate disease outbreak patterns and predict transmission risk. <i>Ecology and Society</i> , 2016, 21, .	1.0	16
125	Cambio climático y salud: retos para Colombia. <i>Revista De La Universidad Industrial De Santander Salud</i> , 2016, 48, 428-435.	0.0	2
126	LAS ZONOSIS TRANSMITIDAS POR ALIMENTOS PUEDEN AFECTAR SU EPIDEMIOLOGÍA, PRODUCTO DEL CAMBIO CLIMÁTICO Y LOS PROCESOS DE GLOBALIZACIÓN. <i>Chilean Journal of Agricultural and Animal Sciences</i> , 2016, 32, 149-156.	0.1	0
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129	Hierarchical Bayesian Spatio-temporal Analysis of Climatic and Socio-economic Determinants of Rocky Mountain Spotted Fever. <i>PLoS ONE</i> , 2016, 11, e0150180.	1.1	21
130	Disaggregating Tropical Disease Prevalence by Climatic and Vegetative Zones within Tropical West Africa. <i>PLoS ONE</i> , 2016, 11, e0152560.	1.1	11
131	Assessing Interventions to Manage West Nile Virus Using Multi-Criteria Decision Analysis with Risk Scenarios. <i>PLoS ONE</i> , 2016, 11, e0160651.	1.1	9
132	Trade-offs and evolution of thermal adaptation in the Irish potato famine pathogen <i>Phytophthora infestans</i> . <i>Molecular Ecology</i> , 2016, 25, 4047-4058.	2.0	40
133	Regional climate change and national responsibilities. <i>Environmental Research Letters</i> , 2016, 11, 034009.	2.2	96
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135	Climate change and ecosystem services. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2016, 7, 537-550.	3.6	50
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138	Tick, mosquito, and rodent-borne parasite sampling designs for the National Ecological Observatory Network. <i>Ecosphere</i> , 2016, 7, e01271.	1.0	31
139	Spatial and temporal variation in the association between temperature and salmonellosis in NZ. <i>Australian and New Zealand Journal of Public Health</i> , 2016, 40, 165-169.	0.8	13
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141	Interactions of warming and exposure affect susceptibility to parasite infection in a temperate fish species. <i>Parasitology</i> , 2016, 143, 1340-1346.	0.7	9
142	An epidemiological model for proliferative kidney disease in salmonid populations. <i>Parasites and Vectors</i> , 2016, 9, 487.	1.0	32
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145	Green Infrastructure and Public Health. , 0, , .		29

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149	Neces-SARHly?. Intensive Care Medicine, 2016, 42, 928-930.	3.9	5
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151	Ethics, Climate Change and Infectious Disease. Public Health Ethics Analysis, 2016, , 59-75.	0.1	5
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154	One stimulus-Two responses: Host and parasite life-history variation in response to environmental stress. Evolution; International Journal of Organic Evolution, 2016, 70, 2640-2646.	1.1	19
155	Terrestrial Growth in Northern Leopard Frogs Reared in the Presence or Absence of Predators and Exposed to the Amphibian Chytrid Fungus at Metamorphosis. Journal of Herpetology, 2016, 50, 404-408.	0.2	9
156	Haemosporidian parasite infections in grouse and ptarmigan: Prevalence and genetic diversity of blood parasites in resident Alaskan birds. International Journal for Parasitology: Parasites and Wildlife, 2016, 5, 229-239.	0.6	14
157	Climate change-associated trends in net biomass change are age dependent in western boreal forests of Canada. Ecology Letters, 2016, 19, 1150-1158.	3.0	89
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159	Spatial patterns of immunogenetic and neutral variation underscore the conservation value of small, isolated American badger populations. Evolutionary Applications, 2016, 9, 1271-1284.	1.5	20
160	Infectious Disease Dynamics in Heterogeneous Landscapes. Annual Review of Ecology, Evolution, and Systematics, 2016, 47, 283-306.	3.8	86
161	The macroecology of infectious diseases: a new perspective on global-scale drivers of pathogen distributions and impacts. Ecology Letters, 2016, 19, 1159-1171.	3.0	126
162	The broad footprint of climate change from genes to biomes to people. Science, 2016, 354, .	6.0	883
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382	Sources and Patterns of Variation in Plant Pathogens. , 2019, , 91-122.		0
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419	Climate variation influences host specificity in avian malaria parasites. <i>Ecology Letters</i> , 2019, 22, 547-557.	3.0	90
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475	Applications of Population Genomics for Understanding and Mitigating Wildlife Disease. <i>Population Genomics</i> , 2020, , 357-383.	0.2	40
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478	Disease-mediated ecosystem services: Pathogens, plants, and people. <i>Trends in Ecology and Evolution</i> , 2020, 35, 731-743.	4.2	42
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