Impacts of biodiversity on the emergence and transmis

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#	Article	IF	Citations
1	Replication of bacteriophage G13 DNA in dna mutants of Escherichia coli. Nucleic Acids and Protein Synthesis, 1978, 520, 505-511.	1.7	1
2	A Community-Ecology Framework for Understanding Vector and Vector-Borne Disease Dynamics. Israel Journal of Ecology and Evolution, 2010, 56, 251-262.	0.2	8
3	An Insect Nidovirus Emerging from a Primary Tropical Rainforest. MBio, 2011, 2, e00077-11.	1.8	100
4	Tropical amphibian populations experience higher disease risk in natural habitats. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9893-9898.	3.3	144
5	A dilution effect in the emerging amphibian pathogen <i>Batrachochytrium dendrobatidis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16322-16326.	3.3	98
6	Food security: why is biodiversity important?. International Forestry Review, 2011, 13, 265-274.	0.3	125
7	The big unknown: plant virus biodiversity. Current Opinion in Virology, 2011, 1, 63-67.	2.6	49
8	Food webs and fishing affect parasitism of the sea urchinEucidaris galapagensisin the GalÃ¡pagos. Ecology, 2011, 92, 2276-2284.	1.5	38
9	Pathogen impacts on plant communities: unifying theory, concepts, and empirical work. Ecological Monographs, 2011, 81, 429-441.	2.4	224
11	State of the World's Freshwater Ecosystems: Physical, Chemical, and Biological Changes. Annual Review of Environment and Resources, 2011, 36, 75-99.	5.6	705
12	River networks as biodiversity hotlines. Comptes Rendus - Biologies, 2011, 334, 420-434.	0.1	29
13	Factors related to the distribution and prevalence of the fungal pathogen Batrachochytrium dendrobatidis in Rana cascadae and other amphibians in the Klamath Mountains. Biological Conservation, 2011, 144, 2913-2921.	1.9	41
14	Climatic variability and landscape heterogeneity impact urban mosquito diversity and vector abundance and infection. Ecosphere, 2011, 2, art70.	1.0	112
15	The impact of multiple infections on wild animal hosts: a review. Infection Ecology and Epidemiology, 2011, 1, 7346.	0.5	124
16	The expanding field of plant virus ecology: Historical foundations, knowledge gaps, and research directions. Virus Research, 2011, 159, 84-94.	1.1	113
17	The community ecology of barley/cereal yellow dwarf viruses in Western US grasslands. Virus Research, 2011, 159, 95-100.	1.1	65
18	Horizon scan of global conservation issues for 2011. Trends in Ecology and Evolution, 2011, 26, 10-16.	4.2	213
19	Endangered species and a threatened discipline: behavioural ecology. Trends in Ecology and Evolution, 2011, 26, 111-118.	4.2	78

#	Article	IF	Citations
20	Frontiers in climate changeâ€“disease research. Trends in Ecology and Evolution, 2011, 26, 270-277.	4.2	273
21	Prevalence of Anaplasma phagocytophilum in Ixodes ricinus in Bavarian public parks, Germany. Ticks and Tick-borne Diseases, 2011, 2, 196-203.	1.1	51
22	Infectious Diseases, Biodiversity and Global Changes: How the Biodiversity Sciences May Help. , 0, , .		3
23	Guidance on the environmental risk assessment of plant pests. EFSA Journal, 2011, 9, 2460.	0.9	34
24	The Mechanism of Attributing Economic Value to the Natural Environment. SSRN Electronic Journal, 2011, , .	0.4	0
25	Global Impact of Mosquito Biodiversity, Human Vector-Borne Diseases and Environmental Change. , 0, , .		23
26	Biodiversity of Borrelia burgdorferi Strains in Tissues of Lyme Disease Patients. PLoS ONE, 2011, 6, e22926.	1.1	64
27	Fine-Scale Variation in Vector Host Use and Force of Infection Drive Localized Patterns of West Nile Virus Transmission. PLoS ONE, 2011, 6, e23767.	1.1	106
28	Invasion and Persistence of Infectious Agents in Fragmented Host Populations. PLoS ONE, 2011, 6, e24006.	1.1	11
29	Establishment of Normal Gut Microbiota Is Compromised under Excessive Hygiene Conditions. PLoS ONE, 2011, 6, e28284.	1.1	120
30	Host-parasite interactions under extreme climatic conditions. Environmental Epigenetics, 2011, 57, 390-405.	0.9	31
31	Agricultural Biodiversity Is Essential for a Sustainable Improvement in Food and Nutrition Security. Sustainability, 2011, 3, 238-253.	1.6	383
32	Water and Health: on the Notion of a Healthy Wetland. Global Bioethics, 2011, 24, 71-75.	0.5	1
33	Aphids indirectly increase virulence and transmission potential of a monarch butterfly parasite by reducing defensive chemistry of a shared food plant. Ecology Letters, 2011, 14, 453-461.	3.0	53
34	Forest species diversity reduces disease risk in a generalist plant pathogen invasion. Ecology Letters, 2011, 14, 1108-1116.	3.0	143
35	Emerging diseases in freshwater systems. Freshwater Biology, 2011, 56, 627-637.	1.2	57
36	The trouble with bumblebees. Nature, 2011, 469, 169-170.	13.7	28
37	A back-arc in time. Nature, 2011, 469, 170-171.	13.7	0

#	Article	IF	Citations
38	SARS-Coronavirus ancestorâ€™s foot-prints in South-East Asian bat colonies and the refuge theory. Infection, Genetics and Evolution, 2011, 11, 1690-1702.	1.0	66
39	A survey of the transmission of infectious diseases/infections between wild and domestic ungulates in Europe. Veterinary Research, 2011, 42, 70.	1.1	94
40	Why should biomedical scientists care about biodiversity?. Current Biology, 2011, 21, R210-R211.	1.8	4
41	Conservation priorities of genetic diversity in domesticated metapopulations: a study in taurine cattle breeds. Ecology and Evolution, 2011, 1, 408-420.	0.8	38
42	From Host Immunity to Pathogen Invasion: The Effects of Helminth Coinfection on the Dynamics of Microparasites. Integrative and Comparative Biology, 2011, 51, 540-551.	0.9	124
43	Effect of Forest Fragmentation on Tick Infestations of Birds and Tick Infection Rates by Rickettsia in the Atlantic Forest of Brazil. EcoHealth, 2011, 8, 320-331.	0.9	53
44	Strengthening International Cooperation for Health and Biodiversity. EcoHealth, 2011, 8, 407-409.	0.9	13
45	Effects of anthropogenic disturbance on indri (<i>Indri indri</i>) health in Madagascar. American Journal of Primatology, 2011, 73, 632-642.	0.8	52
46	Wetlands as Settings for Human Health: Incorporating Ecosystem Services and Health Impact Assessment into Water Resource Management. BioScience, 2011, 61, 678-688.	2.2	116
47	Improved Knockout Methodology Reveals That Frog Virus 3 Mutants Lacking either the <i>18K</i> Immediate-Early Gene or the Truncated <i>vIF-2</i> Î± Gene Are Defective for Replication and Growth <i>In Vivo</i>. Journal of Virology, 2011, 85, 11131-11138.	1.5	44
48	Reservoir Competence of Various Rodents for the Lyme Disease Spirochete Borrelia spielmanii. Applied and Environmental Microbiology, 2011, 77, 3565-3570.	1.4	43
49	Ecology and evolution of mammalian biodiversity. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2451-2461.	1.8	61
50	The Changing Burden of Infectious Disease in Europe. Science Translational Medicine, 2011, 3, 103cm30.	5.8	15
51	Emerging infectious diseases as a global health threat. Experimental Biology and Medicine, 2011, 236, 897-898.	1.1	6
52	Risk factors associated with mortality from white-nose syndrome among hibernating bat colonies. Biology Letters, 2011, 7, 950-953.	1.0	62
53	Lower Richness of Small Wild Mammal Species and Chagas Disease Risk. PLoS Neglected Tropical Diseases, 2012, 6, e1647.	1.3	76
54	Effect of Biodiversity Changes in Disease Risk: Exploring Disease Emergence in a Plant-Virus System. PLoS Pathogens, 2012, 8, e1002796.	2.1	105
55	Disease Ecology, Biodiversity, and the Latitudinal Gradient in Income. PLoS Biology, 2012, 10, e1001456.	2.6	87

#	Article	IF	Citations
56	A Research Agenda for Helminth Diseases of Humans: Social Ecology, Environmental Determinants, and Health Systems. PLoS Neglected Tropical Diseases, 2012, 6, e1603.	1.3	89
57	Leptospirosis in American Samoa â€" Estimating and Mapping Risk Using Environmental Data. PLoS Neglected Tropical Diseases, 2012, 6, e1669.	1.3	58
58	Host Life History Strategy, Species Diversity, and Habitat Influence Trypanosoma cruzi Vector Infection in Changing Landscapes. PLoS Neglected Tropical Diseases, 2012, 6, e1884.	1.3	100
59	Climate change and animal diseases: making the case for adaptation. Animal Health Research Reviews, 2012, 13, 209-222.	1.4	5
60	Biodiversity loss decreases parasite diversity: theory and patterns. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 2814-2827.	1.8	127
61	What is macroecology?. Biology Letters, 2012, 8, 904-906.	1.0	47
62	Leptospirosis in American Samoa 2010: Epidemiology, Environmental Drivers, and the Management of Emergence. American Journal of Tropical Medicine and Hygiene, 2012, 86, 309-319.	0.6	52
63	The Economic Value of One Health in Relation to the Mitigation of Zoonotic Disease Risks. Current Topics in Microbiology and Immunology, 2012, 365, 127-151.	0.7	40
64	Deer, predators, and the emergence of Lyme disease. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10942-10947.	3.3	244
65	Pangloss revisited: a critique of the dilution effect and the biodiversity-buffers-disease paradigm. Parasitology, 2012, 139, 847-863.	0.7	309
66	Wildlife: The Need to Better Understand the Linkages. Current Topics in Microbiology and Immunology, 2012, 365, 101-125.	0.7	9
67	What's So Good About Biodiversity?. The International Library of Environmental, Agricultural and Food Ethics, 2012, , .	0.1	61
68	Allee Effects May Slow the Spread of Parasites in a Coastal Marine Ecosystem. American Naturalist, 2012, 179, 401-412.	1.0	23
69	The Economics of Ecosystems and Biodiversity in Local and Regional Policy and Management. , 0, , .		15
71	The effects of invasion on parasite dynamics and communities. Functional Ecology, 2012, 26, 1288-1299.	1.7	74
72	Emerging Pandemic Threats and the Oil and Gas Industry. , 2012, , .		1
73	The Global Burden of Human Parasites: Who and Where are They? How are They Transmitted?. Journal of Parasitology, 2012, 98, 1056-1064.	0.3	33
74	Spread of white-nose syndrome on a network regulated by geography and climate. Nature Communications, 2012, 3, 1306.	5.8	76

#	Article	IF	Citations
75	MATHEMATICAL MODELING OF VIRAL ZOONOSES IN WILDLIFE. Natural Resource Modelling, 2012, 25, 5-51.	0.8	32
76	Prediction and prevention of the next pandemic zoonosis. Lancet, The, 2012, 380, 1956-1965.	6.3	744
77	Contours of Risk: Spatializing Human Behaviors to Understand Disease Dynamics in Changing Landscapes. EcoHealth, 2012, 9, 251-255.	0.9	14
78	Macroparasite Infections of Amphibians: What Can They Tell Us?. EcoHealth, 2012, 9, 342-360.	0.9	100
79	Snake parasitism in an urban old-growth forest. Urban Ecosystems, 2012, 15, 739-752.	1.1	13
80	The roles of mosquito and bird communities on the prevalence of West Nile virus in urban wetland and residential habitats. Urban Ecosystems, 2012, 15, 513-531.	1.1	52
81	Ubiquitous Hepatocystis infections, but no evidence of Plasmodium falciparum-like malaria parasites in wild greater spot-nosed monkeys (Cercopithecus nictitans). International Journal for Parasitology, 2012, 42, 709-713.	1.3	18
82	Bats host major mammalian paramyxoviruses. Nature Communications, 2012, 3, 796.	5.8	546
83	An emergent disease causes directional changes in forest species composition in coastal California. Ecosphere, 2012, 3, 1-23.	1.0	53
84	The Role of Host Identity in Determining the Distribution of the Invasive Moth<i>Cactoblastis cactorum</i>(Lepidoptera: Pyralidae) in Florida. Florida Entomologist, 2012, 95, 561-568.	0.2	8
85	A Survey of Gastrointestinal Parasites of Olive Baboons (Papio anubis) in Human Settlement Areas of Mole National Park, Ghana. Journal of Parasitology, 2012, 98, 885-888.	0.3	54
86	Towards a Better Integration of Global Health and Biodiversity in the New Sustainable Development Goals Beyond Rio+20. EcoHealth, 2012, 9, 381-385.	0.9	27
87	Susceptibility of Xenopus laevis tadpoles to infection by the ranavirus Frog-Virus 3 correlates with a reduced and delayed innate immune response in comparison with adult frogs. Virology, 2012, 432, 435-443.	1.1	77
88	Conservation and the Microbiome. Conservation Biology, 2012, 26, 195-197.	2.4	103
89	Analyzing Disease Risks Associated with Translocations. Conservation Biology, 2012, 26, 442-452.	2.4	89
90	Disease Ecology. , 2012, , 217-230.		5
91	Linking community and disease ecology: the impact of biodiversity on pathogen transmission. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 2807-2813.	1.8	85
92	Effects of Host Diversity on Infectious Disease. Annual Review of Ecology, Evolution, and Systematics, 2012, 43, 157-182.	3.8	355

#	Article	IF	Citations
93	Biodiversity & Environmental Sustainability amid Human Domination of Global Ecosystems. Daedalus, 2012, 141, 108-120.	0.9	16
94	Unraveling plantâ€“animal diversity relationships: a metaâ€regression analysis. Ecology, 2012, 93, 2115-2124.	1.5	114
95	Parasiteâ€“bird interactions in urban areas: Current evidence and emerging questions. Landscape and Urban Planning, 2012, 105, 5-14.	3.4	75
96	Different policy scenarios to promote various targets of biodiversity. Ecological Indicators, 2012, 14, 209-221.	2.6	33
97	Linking avian communities and avian influenza ecology in southern Africa using epidemiological functional groups. Veterinary Research, 2012, 43, 73.	1.1	11
98	Emergency rabies control in a community of two high-density hosts. BMC Veterinary Research, 2012, 8, 79.	0.7	11
99	Diverse effects of parasites in ecosystems: linking interdependent processes. Frontiers in Ecology and the Environment, 2012, 10, 186-194.	1.9	209
100	In Search for Factors that Drive Hantavirus Epidemics. Frontiers in Physiology, 2012, 3, 237.	1.3	50
101	Species diversity reduces parasite infection through cross-generational effects on host abundance. Ecology, 2012, 93, 56-64.	1.5	52
102	The influence of host diversity and composition on epidemiological patterns at multiple spatial scales. Ecology, 2012, 93, 1095-1105.	1.5	44
103	The Perpetual Challenge of Infectious Diseases. New England Journal of Medicine, 2012, 366, 454-461.	13.9	411
105	Integrating Ecology and Poverty Reduction. , 2012, , .		2
106	A framework for the study of zoonotic disease emergence and its drivers: spillover of bat pathogens as a case study. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 2881-2892.	1.8	156
107	Zoonotic pathogens associated with Hyalomma aegyptium in endangered tortoises: evidence for host-switching behaviour in ticks?. Parasites and Vectors, 2012, 5, 301.	1.0	49
108	Environmental Change and Disease Dynamics: Effects of Intensive Forest Management on Puumala Hantavirus Infection in Boreal Bank Vole Populations. PLoS ONE, 2012, 7, e39452.	1.1	38
109	Host Longevity and Parasite Species Richness in Mammals. PLoS ONE, 2012, 7, e42190.	1.1	61
111	Impact social et psychologique des jeux dâ€™argent en ligne chez les jeunes adultes. Bulletin De L'Academie Nationale De Medecine, 2012, 196, 27-36.	0.0	5
112	Viral Evolutionary Ecology: Conceptual Basis of a New Scientific Approach for Understanding Viral Emergence. , 0, , .		0

#	Article	IF	Citations
113	Wild Birds and Urban Ecology of Ticks and Tick-borne Pathogens, Chicago, Illinois, USA, 2005â€“2010. Emerging Infectious Diseases, 2012, 18, 1589-1595.	2.0	86
114	Accounting for Nature's Benefits: The Dollar Value of Ecosystem Services. Environmental Health Perspectives, 2012, 120, A152-7.	2.8	30
115	Myxozoan Parasite in Brain of Critically Endangered Frog. Emerging Infectious Diseases, 2012, 18, 693-695.	2.0	6
116	Ecophysiology meets conservation: understanding the role of disease in amphibian population declines. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 1688-1707.	1.8	127
117	Parasite diversity and coinfection determine pathogen infection success and host fitness. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9006-9011.	3.3	147
118	Biodiversity loss and its impact on humanity. Nature, 2012, 486, 59-67.	13.7	4,969
119	Parasite transmission in complex communities: Predators and alternative hosts alter pathogenic infections in amphibians. Ecology, 2012, 93, 1247-1253.	1.5	75
120	Impacts of climate change on plant diseasesâ€"opinions and trends. European Journal of Plant Pathology, 2012, 133, 295-313.	0.8	236
121	Unravelling the dynamics of organisms in a changing world using ecological modelling. Ecological Research, 2012, 27, 495-507.	0.7	6
122	The Ecology of Emerging Infectious Diseases in Migratory Birds: An Assessment of the Role of Climate Change and Priorities for Future Research. EcoHealth, 2012, 9, 80-88.	0.9	104
123	Synanthropy of Wild Mammals as a Determinant of Emerging Infectious Diseases in the Asianâ€“Australasian Region. EcoHealth, 2012, 9, 24-35.	0.9	91
124	EVOLUTION OF VIRULENCE IN HETEROGENEOUS HOST COMMUNITIES UNDER MULTIPLE TRADE-OFFS. Evolution; International Journal of Organic Evolution, 2012, 66, 391-401.	1.1	32
125	Myxomatosis in Australia and Europe: A model for emerging infectious diseases. Antiviral Research, 2012, 93, 387-415.	1.9	147
126	Effect of deer density on tick infestation of rodents and the hazard of tick-borne encephalitis. II: Population and infection models. International Journal for Parasitology, 2012, 42, 373-381.	1.3	51
127	Disease emergence and invasions. Functional Ecology, 2012, 26, 1275-1287.	1.7	104
128	HOSTS ARE AHEAD IN A MARINE HOST-PARASITE COEVOLUTIONARY ARMS RACE: INNATE IMMUNE SYSTEM ADAPTATION IN PIPEFISH SYNGNATHUS TYPHLE AGAINST VIBRIO PHYLOTYPES. Evolution; International Journal of Organic Evolution, 2012, 66, 2528-2539.	1.1	45
129	Contrasting the consumptive and nonâ€consumptive cascading effects of natural enemies on vectorâ€borne pathogens. Entomologia Experimentalis Et Applicata, 2012, 144, 45-55.	0.7	45
130	Relationship between pace of life and immune responses in wild rodents. Oikos, 2012, 121, 1483-1492.	1.2	114

#	Article	IF	Citations
131	Deciphering arboviral emergence within insular ecosystems. Infection, Genetics and Evolution, 2012, 12, 1333-1339.	1.0	31
132	A curve of thresholds governs plague epizootics in Central Asia. Ecology Letters, 2012, 15, 554-560.	3.0	32
133	Emergence of new leptospiral serovars in American Samoa - ascertainment or ecological change?. BMC Infectious Diseases, 2012, 12, 19.	1.3	25
134	Changes in the geographical distribution and abundance of the tick Ixodes ricinus during the past 30 years in Sweden. Parasites and Vectors, 2012, 5, 8.	1.0	290
135	Spatial and seasonal variation in the prevalence of Anaplasma phagocytophilum and Borrelia burgdorferi sensu lato in questing Ixodes ricinus ticks in Norway. Parasites and Vectors, 2013, 6, 187.	1.0	44
136	Novel Organisms: Comparing Invasive Species, GMOs, and Emerging Pathogens. Ambio, 2013, 42, 541-548.	2.8	70
137	Hantaviral mechanisms driving <scp>HLA</scp> class I antigen presentation require both <scp>RIG</scp>â€‐<scp>I</scp> and <scp>TRIF</scp>. European Journal of Immunology, 2013, 43, 2566-2576.	1.6	13
138	Differential effects of temperature variability on the transmission of a marine parasite. Marine Biology, 2013, 160, 2763-2773.	0.7	20
139	Patterns and processes of alternative host use in a generalist parasite: insights from a natural hostâ€“parasite interaction. Functional Ecology, 2013, 27, 1403-1414.	1.7	29
140	Flow cytometry, microscopy, and DNA analysis as complementary phytoplankton screening methods in ballast water treatment studies. Journal of Applied Phycology, 2013, 25, 1047-1053.	1.5	17
141	The biodiversity hypothesis and allergic disease: world allergy organization position statement. World Allergy Organization Journal, 2013, 6, 3.	1.6	282
142	Experimental Evidence for American Bullfrog (Lithobates catesbeianus) Susceptibility to Chytrid Fungus (Batrachochytrium dendrobatidis). EcoHealth, 2013, 10, 166-171.	0.9	44
143	Climate changes influence freeâ€living stages of soilâ€transmitted parasites of <scp>E</scp>uropean rabbits. Global Change Biology, 2013, 19, 1028-1042.	4.2	38
144	Characterizing the next-generation matrix and basic reproduction number in ecological epidemiology. Journal of Mathematical Biology, 2013, 66, 1045-1064.	0.8	34
145	Mitigating amphibian chytridiomycosis with bioaugmentation: characteristics of effective probiotics and strategies for their selection and use. Ecology Letters, 2013, 16, 807-820.	3.0	239
146	Wildlife disease ecology in changing landscapes: Mesopredator release and toxoplasmosis. International Journal for Parasitology: Parasites and Wildlife, 2013, 2, 110-118.	0.6	62
147	Climate, vegetation, introduced hosts and trade shape a global wildlife pandemic. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122506.	1.2	99
148	Does high biodiversity reduce the risk of Lyme disease invasion?. Parasites and Vectors, 2013, 6, 195.	1.0	40

#	Article	IF	Citations
149	Lack of identification of Flaviviruses in oral and cloacal swabs from long- and short-distance migratory birds in Trentino-Alto Adige (North-eastern Italy). Virology Journal, 2013, 10, 306.	1.4	6
150	Mosquito Fauna in Municipal Parks of SÃ£o Paulo City, Brazil: A Preliminary Survey. Journal of the American Mosquito Control Association, 2013, 29, 275-279.	0.2	35
152	Research safeguards protected areas: the important role of governments. Trends in Ecology and Evolution, 2013, 28, 504-505.	4.2	5
153	Rodents as Potential Couriers for Bioterrorism Agents. Biosecurity and Bioterrorism, 2013, 11, S247-S257.	1.2	8
154	Ecological Consequences of Sea-Ice Decline. Science, 2013, 341, 519-524.	6.0	461
155	Safety and immunogenicity of recombinant Rift Valley fever MP-12 vaccine candidates in sheep. Vaccine, 2013, 31, 559-565.	1.7	53
156	The Impact of Community Organization on Vector-Borne Pathogens. American Naturalist, 2013, 181, 1-11.	1.0	115
157	What can we predict about viral evolution and emergence?. Current Opinion in Virology, 2013, 3, 180-184.	2.6	47
158	Echinostoma trivolvis (Digenea: Echinostomatidae) second intermediate host preference matches host suitability. Parasitology Research, 2013, 112, 799-805.	0.6	10
159	Biodiversity decreases disease through predictable changes in host community competence. Nature, 2013, 494, 230-233.	13.7	288
160	Genes, communities & invasive species: understanding the ecological and evolutionary dynamics of hostâ€“pathogen interactions. Current Opinion in Plant Biology, 2013, 16, 400-405.	3.5	46
161	Reinstating soil microbial diversity in agroecosystems: The need of the hour for sustainability and health. Agriculture, Ecosystems and Environment, 2013, 164, 181-182.	2.5	44
162	Experimental viral evolution reveals major histocompatibility complex polymorphisms as the primary host factors controlling pathogen adaptation and virulence. Genes and Immunity, 2013, 14, 365-372.	2.2	17
163	It's a myth that protection against disease is a strong and general service of biodiversity conservation: Response to Ostfeld and Keesing. Trends in Ecology and Evolution, 2013, 28, 503-504.	4.2	46
164	Human ecology in pathogenic landscapes: two hypotheses on how land use change drives viral emergence. Current Opinion in Virology, 2013, 3, 79-83.	2.6	137
165	Ecosystem Services. , 2013, , 81-100.		1
166	Does habitat disturbance increase infectious disease risk for primates?. Ecology Letters, 2013, 16, 656-663.	3.0	78
167	Factors driving hantavirus emergence in Europe. Current Opinion in Virology, 2013, 3, 92-99.	2.6	64

#	Article	IF	Citations
168	The Relevance of Forest Fragmentation on the Incidence of Human Babesiosis: Investigating the Landscape Epidemiology of an Emerging Tick-Borne Disease. Vector-Borne and Zoonotic Diseases, 2013, 13, 250-255.	0.6	16
169	A metaâ€analysis suggesting that the relationship between biodiversity and risk of zoonotic pathogen transmission is idiosyncratic. Ecology Letters, 2013, 16, 679-686.	3.0	211
170	Biodiversity and disease: a synthesis of ecological perspectives on Lyme disease transmission. Trends in Ecology and Evolution, 2013, 28, 239-247.	4.2	212
171	Coronaviruses in bats from Mexico. Journal of General Virology, 2013, 94, 1028-1038.	1.3	145
174	Highly diversified coronaviruses in neotropical bats. Journal of General Virology, 2013, 94, 1984-1994.	1.3	50
175	Predicting the fate of French bird communities under agriculture and climate change scenarios. Environmental Science and Policy, 2013, 33, 120-132.	2.4	20
176	Serological crossâ€reactivity between human polyomaviruses. Reviews in Medical Virology, 2013, 23, 250-264.	3.9	45
177	Parasites as prey in aquatic food webs: implications for predator infection and parasite transmission. Oikos, 2013, 122, 1473-1482.	1.2	51
178	Trait-mediated indirect effects, predators, and disease: test of a size-based model. Oecologia, 2013, 173, 1023-1032.	0.9	27
179	Biodiversity and Ecosystem Services. , 2013, , 341-356.		6
180	Biodiversity and Human Health. , 2013, , 357-372.		0
181	Identifying sources of tick blood meals using unidentified tandem mass spectral libraries. Nature Communications, 2013, 4, 1746.	5.8	46
182	Zoonosis emergence linked to agricultural intensification and environmental change. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8399-8404.	3.3	729
183	Climate Change and Infectious Diseases: From Evidence to a Predictive Framework. Science, 2013, 341, 514-519.	6.0	951
184	Consequences of Pathogen Spillover for Cheatgrass-Invaded Grasslands: Coexistence, Competitive Exclusion, or Priority Effects. American Naturalist, 2013, 181, 737-747.	1.0	25
185	Global mapping of infectious disease. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120250.	1.8	179
186	Seed exchange networks for agrobiodiversity conservation. A review. Agronomy for Sustainable Development, 2013, 33, 151-175.	2.2	179
187	Species richness and species identity effects on occurrence of foliar fungal pathogens in a tree diversity experiment. Ecosphere, 2013, 4, 1-12.	1.0	70

#	Article	IF	Citations
188	Effects of Infection by<i>Arsenophonus</i>and<i>Rickettsia</i>Bacteria on the Locomotive Ability of the Ticks<i>Amblyomma americanum</i>,<i>Dermacentor variabilis</i>, and<i>Ixodes scapularis</i>. Journal of Medical Entomology, 2013, 50, 155-162.	0.9	31
189	Ecosystem Services. , 2013, , 96-104.		4
190	Mosquito Vector Diversity across Habitats in Central Thailand Endemic for Dengue and Other Arthropod-Borne Diseases. PLoS Neglected Tropical Diseases, 2013, 7, e2507.	1.3	94
191	Geographic Distribution and Genetic Characterization of Lassa Virus in Sub-Saharan Mali. PLoS Neglected Tropical Diseases, 2013, 7, e2582.	1.3	49
192	Understanding and Managing Zoonotic Risk in the New Livestock Industries. Environmental Health Perspectives, 2013, 121, 873-877.	2.8	58
193	Drivers of Echinococcus multilocularis Transmission in China: Small Mammal Diversity, Landscape or Climate?. PLoS Neglected Tropical Diseases, 2013, 7, e2045.	1.3	67
194	Dilution effect in bovine tuberculosis: risk factors for regional disease occurrence in Africa. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20130624.	1.2	25
195	Species loss on spatial patterns and composition of zoonotic parasites. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131847.	1.2	12
196	Immune-Related Functions of the Hivep Gene Family in East African Cichlid Fishes. G3: Genes, Genomes, Genetics, 2013, 3, 2205-2217.	0.8	10
197	Susceptibility of Intact Germinating Arabidopsis thaliana to Human Fungal Pathogens Cryptococcus neoformans and C. gattii. Applied and Environmental Microbiology, 2013, 79, 2979-2988.	1.4	32
198	Scienceâ€“policy challenges for biodiversity, public health and urbanization: examples from Belgium. Environmental Research Letters, 2013, 8, 025015.	2.2	28
199	Land-Use Change and Emerging Infectious Disease on an Island Continent. International Journal of Environmental Research and Public Health, 2013, 10, 2699-2719.	1.2	53
200	Human health impacts of ecosystem alteration. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18753-18760.	3.3	327
201	Host and parasite diversity jointly control disease risk in complex communities. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16916-16921.	3.3	124
202	Does life history mediate changing disease risk when communities disassemble?. Ecology Letters, 2013, 16, 1405-1412.	3.0	78
203	Parasite predators exhibit a rapid numerical response to increased parasite abundance and reduce transmission to hosts. Ecology and Evolution, 2013, 3, 4427-4438.	0.8	25
204	Despite spillover, a shared pathogen promotes native plant persistence in a cheatgrassâ€invaded grassland. Ecology, 2013, 94, 2744-2753.	1.5	42
205	Identifying the Achilles heel of multi-host pathogens: the concept of keystone â€˜hostâ€™ species illustrated by <i>Mycobacterium ulcerans</i> transmission. Environmental Research Letters, 2013, 8, 045009.	2.2	37

#	Article	IF	Citations
206	Alleviating Poverty in India: Biodiversity's Role. Science, 2013, 341, 840-841.	6.0	2
208	Exploring the Links between HIV/AIDS and Forests in Malawi. Advances in Medical Sociology, 2013, , 147-171.	0.1	1
209	Management effects on fungal assemblages in irrigation ponds: are biodiversity conservation and the control of phytopathogens compatible?. Fundamental and Applied Limnology, 2013, 183, 259-270.	0.4	3
210	Crossing borders and linking plural knowledge: biodiversity conservation, ecosystem services and human well-being. International Journal of Innovation and Sustainable Development, 2013, 7, 111.	0.3	21
211	The Great Diseases Project. Academic Medicine, 2013, 88, 620-625.	0.8	6
212	A Candide response to Panglossian accusations by Randolph and Dobson: biodiversity buffers disease. Parasitology, 2013, 140, 1196-1198.	0.7	31
213	Commentary on â€˜A Candide response to Panglossian accusations by Randolph and Dobson: biodiversity buffers diseaseâ€™ by Dr R. Ostfeld (Parasitology 2013, in press). Parasitology, 2013, 140, 1199-1200.	0.7	9
214	The Value of the One Health Approach: Shifting from Emergency Response to Prevention of Zoonotic Disease Threats at Their Source. Microbiology Spectrum, 2013, 1, .	1.2	10
215	The Natural Relation between Biodiversity and Public Health. , 2013, , 181-189.		2
216	Conservation Psychology: A Gap in Current Australian Undergraduate Psychology Education?. Sustainability, 2013, 5, 1266-1281.	1.6	7
217	Prospects for Emerging Infections in East and Southeast Asia 10 Years after Severe Acute Respiratory Syndrome. Emerging Infectious Diseases, 2013, 19, 853-60.	2.0	47
218	Host Identity Matters in the Amphibian-Batrachochytrium dendrobatidis System: Fine-Scale Patterns of Variation in Responses to a Multi-Host Pathogen. PLoS ONE, 2013, 8, e54490.	1.1	72
219	Pathogen-Host Associations and Predicted Range Shifts of Human Monkeypox in Response to Climate Change in Central Africa. PLoS ONE, 2013, 8, e66071.	1.1	34
220	Comparative Spatial Dynamics of Japanese Encephalitis and Acute Encephalitis Syndrome in Nepal. PLoS ONE, 2013, 8, e66168.	1.1	19
221	Loss of Competition in the Outside Host Environment Generates Outbreaks of Environmental Opportunist Pathogens. PLoS ONE, 2013, 8, e71621.	1.1	19
222	Habitat Fragmentation and Ecological Traits Influence the Prevalence of Avian Blood Parasites in a Tropical Rainforest Landscape. PLoS ONE, 2013, 8, e76227.	1.1	41
223	Biodiversity, Extinction, and Humanityâ€™s Future: The Ecological and Evolutionary Consequences of Human Population and Resource Use. Humanities, 2013, 2, 147-159.	0.1	9
224	Biodiversidade de mosquitos (Diptera: Culicidae) nos parques da cidade de SÃ£o Paulo I. Biota Neotropica, 2013, 13, 317-321.	1.0	15

#	Article	IF	Citations
228	Life History and Demographic Drivers of Reservoir Competence for Three Tick-Borne Zoonotic Pathogens. PLoS ONE, 2014, 9, e107387.	1.1	106
229	Ecosystem Services from Tropical Forests: Review of Current Science. SSRN Electronic Journal, 0, , .	0.4	41
230	High trees increase sunflower seed predation by birds in an agricultural landscape of Israel. Frontiers in Ecology and Evolution, 2014, 2, .	1.1	11
231	Drivers of disease emergence and spread: Is wildlife to blame?. Onderstepoort Journal of Veterinary Research, 2014, 81, E1-4.	0.6	21
232	Viruses: Hantavirus. , 2014, , 194-197.		0
233	Heat Shock Proteins: Intestinal Gatekeepers that Are Influenced by Dietary Components and the Gut Microbiota. Pathogens, 2014, 3, 187-210.	1.2	38
234	Environmental Changes Can Produce Shifts in Chagas Disease Infection Risk. Environmental Health Insights, 2014, 8s2, EHI.S16002.	0.6	3
235	Domestic, peridomestic and wild hosts in the transmission of Trypanosoma cruzi in the Caatinga area colonised by Triatoma brasiliensis. Memorias Do Instituto Oswaldo Cruz, 2014, 109, 887-898.	0.8	54
236	The Value of Forest Ecosystem Services to Developing Economies. SSRN Electronic Journal, 0, , .	0.4	6
238	â€˜New conservationâ€™ or surrender to development?. Animal Conservation, 2014, 17, 509-515.	1.5	78
239	Shade Tree Spatial Structure and Pod Production Explain Frosty Pod Rot Intensity in Cacao Agroforests, Costa Rica. Phytopathology, 2014, 104, 275-281.	1.1	28
241	West Nile and St. Louis Encephalitis Viruses Antibodies Surveillance in Captive and Free-Ranging Birds of Prey from Argentina. EcoHealth, 2014, 11, 603-609.	0.9	5
242	Inventory of organisms interfering with transmission of a marine trematode. Journal of the Marine Biological Association of the United Kingdom, 2014, 94, 697-702.	0.4	39
243	Biological Diversity and Public Health. Annual Review of Public Health, 2014, 35, 153-167.	7.6	40
244	Evolution and Emergence of Plant Viruses. Advances in Virus Research, 2014, 88, 161-191.	0.9	167
245	Domestic Animal Hosts Strongly Influence Human-Feeding Rates of the Chagas Disease Vector Triatoma infestans in Argentina. PLoS Neglected Tropical Diseases, 2014, 8, e2894.	1.3	54
246	Viral Metagenomics on Animals as a Tool for the Detection of Zoonoses Prior to Human Infection?. International Journal of Molecular Sciences, 2014, 15, 10377-10397.	1.8	57
247	Of Mice and Men: Lyme Disease and Biodiversity. Perspectives in Biology and Medicine, 2014, 57, 198-207.	0.3	7

#	Article	IF	Citations
248	Higher plant diversity promotes higher diversity of fungal pathogens, while it decreases pathogen infection per plant. Ecology, 2014, 95, 1907-1917.	1.5	168
249	Identification of FactorsInfluencing the Puumala Virus Seroprevalence within Its Reservoir in aMontane Forest Environment. Viruses, 2014, 6, 3944-3967.	1.5	5
250	Surveillance for Emerging Biodiversity Diseases of Wildlife. PLoS Pathogens, 2014, 10, e1004015.	2.1	73
251	Mechanisms and Methods in Ecoimmunology: Integrating Within-Organism and Between-Organism Processes. Integrative and Comparative Biology, 2014, 54, 340-352.	0.9	65
252	The Evolution and Genetics of Virus Host Shifts. PLoS Pathogens, 2014, 10, e1004395.	2.1	291
253	European Bats as Carriers of Viruses with Zoonotic Potential. Viruses, 2014, 6, 3110-3128.	1.5	46
254	Residential Landscapes, Environmental Sustainability and Climate Change. Research in Urban Sociology, 2014, , 81-100.	0.1	6
255	Evidence for henipavirus spillover into human populations in Africa. Nature Communications, 2014, 5, 5342.	5.8	143
256	Why Is Living Fast Dangerous? Disentangling the Roles of Resistance and Tolerance of Disease. American Naturalist, 2014, 184, 172-187.	1.0	32
257	What is needed for allergic children?. Pediatric Allergy and Immunology, 2014, 25, 21-24.	1.1	17
258	Evolutionary perspectives on wildlife disease: concepts and applications. Evolutionary Applications, 2014, 7, 715-722.	1.5	11
259	Cascading Effects of Climate Change: Do Hurricaneâ€damaged Forests Increase Risk of Exposure to Parasites?. Biotropica, 2014, 46, 25-31.	0.8	23
260	Integrated assessment models for ecologists: the present and the future. Global Ecology and Biogeography, 2014, 23, 124-143.	2.7	52
261	Molecular detection of trophic interactions: emerging trends, distinct advantages, significant considerations and conservation applications. Evolutionary Applications, 2014, 7, 1144-1157.	1.5	163
262	Confronting inconsistencies in the amphibianâ€chytridiomycosis system: implications for disease management. Biological Reviews, 2014, 89, 477-483.	4.7	57
263	Length of intervals between epidemics: evaluating the influence of maternal transfer of immunity. Ecology and Evolution, 2014, 4, 568-575.	0.8	13
264	Poor resource quality lowers transmission potential by changing foraging behaviour. Functional Ecology, 2014, 28, 1245-1255.	1.7	35
265	Multilocus sequence analysis of Anaplasma phagocytophilum reveals three distinct lineages with different host ranges in clinically ill French cattle. Veterinary Research, 2014, 45, 114.	1.1	26

#	Article	IF	Citations
266	Ixodes ricinus and Its Transmitted Pathogens in Urban and Peri-Urban Areas in Europe: New Hazards and Relevance for Public Health. Frontiers in Public Health, 2014, 2, 251.	1.3	335
267	Co-Infection of Blacklegged Ticks with Babesia microti and Borrelia burgdorferi Is Higher than Expected and Acquired from Small Mammal Hosts. PLoS ONE, 2014, 9, e99348.	1.1	114
268	Potential environmental benefits of intercropping annual with leguminous perennial crops in Chinese agriculture. Agriculture, Ecosystems and Environment, 2014, 188, 147-149.	2.5	18
269	Identifying covariates of population health using extreme bound analysis. European Journal of Health Economics, 2014, 15, 515-531.	1.4	8
270	Flora and plant genetic resources of ancient olive groves of Apulia (Southern Italy). Genetic Resources and Crop Evolution, 2014, 61, 23-53.	0.8	27
271	No plant functional diversity effects on foliar fungal pathogens in experimental tree communities. Fungal Diversity, 2014, 66, 139-151.	4.7	41
272	Plant-virus interactions and the agro-ecological interface. European Journal of Plant Pathology, 2014, 138, 529-547.	0.8	121
273	Domesticated animals and human infectious diseases of zoonotic origins: Domestication time matters. Infection, Genetics and Evolution, 2014, 24, 76-81.	1.0	100
274	Phylogenetically related and ecologically similar carnivores harbour similar parasite assemblages. Journal of Animal Ecology, 2014, 83, 671-680.	1.3	74
275	Effects of mammal host diversity and density on the infection level of <i>Trypanosoma cruzi</i> in sylvatic kissing bugs. Medical and Veterinary Entomology, 2014, 28, 384-390.	0.7	35
276	Lyme disease risk not amplified in a species-poor vertebrate community: Similar Borrelia burgdorferi tick infection prevalence and OspC genotype frequencies. Infection, Genetics and Evolution, 2014, 27, 566-575.	1.0	39
277	Effect of host species diversity on multiparasite systems in rodent communities. Parasitology Research, 2014, 113, 447-450.	0.6	10
278	Does biodiversity protect humans against infectious disease?. Ecology, 2014, 95, 817-832.	1.5	176
280	Biodiversity Loss and Infectious Diseases. , 2014, , 73-89.		4
281	Anthropogenic Land Use Change and Infectious Diseases: A Review of the Evidence. EcoHealth, 2014, 11, 619-632.	0.9	288
282	Pathogenesis and Molecular Biology of a Transmissible Tumor in the Tasmanian Devil. Annual Review of Animal Biosciences, 2014, 2, 165-187.	3.6	21
283	Biodiversity and human health: evidence for causality?. Biodiversity and Conservation, 2014, 23, 267-288.	1.2	61
284	Ecology, Epidemiology, and Control of Plant Viruses. , 2014, , 809-876.		2

#	Article	IF	Citations
285	Hantavirus Emergence in Rodents, Insectivores and Bats. , 2014, , 235-292.		12
286	New host and lineage diversity of avian haemosporidia in the northern Andes. Evolutionary Applications, 2014, 7, 799-811.	1.5	53
287	Temporal patterns in immunity, infection load and disease susceptibility: understanding the drivers of host responses in the amphibianâ€chytrid fungus system. Functional Ecology, 2014, 28, 569-578.	1.7	33
288	Complex Daphnia interactions with parasites and competitors. Mathematical Biosciences, 2014, 258, 148-161.	0.9	18
289	Tree diversity and the role of nonâ€host neighbour tree species in reducing fungal pathogen infestation. Journal of Ecology, 2014, 102, 1673-1687.	1.9	85
290	Reciprocal Specialization in Multihost Malaria Parasite Communities of Birds: A Temperate-Tropical Comparison. American Naturalist, 2014, 184, 624-635.	1.0	25
291	Multiple effects of hostâ€species diversity on coexisting hostâ€specific and hostâ€opportunistic microbes. Ecology, 2014, 95, 1173-1183.	1.5	24
292	Emerging and Reemerging Neglected Tropical Diseases: a Review of Key Characteristics, Risk Factors, and the Policy and Innovation Environment. Clinical Microbiology Reviews, 2014, 27, 949-979.	5.7	150
293	Occurrence of ticks and prevalence of Anaplasma phagocytophilum and Borrelia burgdorferi s.l. in three types of urban biotopes: Forests, parks and cemeteries. Ticks and Tick-borne Diseases, 2014, 5, 785-789.	1.1	42
294	Fishing drives declines in fish parasite diversity and has variable effects on parasite abundance. Ecology, 2014, 95, 1929-1946.	1.5	49
295	Defaunation in the Anthropocene. Science, 2014, 345, 401-406.	6.0	2,810
296	Reversing defaunation: Restoring species in a changing world. Science, 2014, 345, 406-412.	6.0	500
297	A Systematic Review of the Health and Well-Being Benefits of Biodiverse Environments. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2014, 17, 1-20.	2.9	156
298	Linking manipulative experiments to field data to test the dilution effect. Journal of Animal Ecology, 2014, 83, 557-565.	1.3	92
299	Manipulation of host-resource dynamics impacts transmission of trophic parasites. International Journal for Parasitology, 2014, 44, 737-742.	1.3	8
300	The effects of the amphibian chytrid fungus, insecticide exposure, and temperature on larval anuran development and survival. Environmental Toxicology and Chemistry, 2014, 33, 2545-2550.	2.2	20
301	Indirect effects of nonâ€native <i><scp>S</scp>partina alterniflora</i> and its fungal pathogen (<i><scp>F</scp>usarium palustre</i>) on native saltmarsh plants in <scp>C</scp>hina. Journal of Ecology, 2014, 102, 1112-1119.	1.9	40
302	Partitioning the net effect of host diversity on an emerging amphibian pathogen. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20141796.	1.2	78

#	Article	IF	Citations
303	Non-random biodiversity loss underlies predictable increases in viral disease prevalence. Journal of the Royal Society Interface, 2014, 11, 20130947.	1.5	69
304	Landscape diversity slows the spread of an invasive forest pest species. Ecography, 2014, 37, 648-658.	2.1	39
305	Host diversity drives parasite diversity: metaâ€analytical insights into patterns and causal mechanisms. Ecography, 2014, 37, 689-697.	2.1	123
306	Multiple nutrients and herbivores interact to govern diversity, productivity, composition, and infection in a successional grassland. Oikos, 2014, 123, 214-224.	1.2	39
307	Subtype diversity and reassortment potential for coâ€circulating avian influenza viruses at a diversity hot spot. Journal of Animal Ecology, 2014, 83, 566-575.	1.3	8
308	Susceptibility of Fish and Turtles to Three Ranaviruses Isolated from Different Ectothermic Vertebrate Classes. Journal of Aquatic Animal Health, 2014, 26, 118-126.	0.6	41
309	Evolutionary genomics of Borrelia burgdorferi sensu lato: Findings, hypotheses, and the rise of hybrids. Infection, Genetics and Evolution, 2014, 27, 576-593.	1.0	31
310	Biodiversity, cultural pathways, and human health: a framework. Trends in Ecology and Evolution, 2014, 29, 198-204.	4.2	132
311	A horizon scan of global conservation issues for 2014. Trends in Ecology and Evolution, 2014, 29, 15-22.	4.2	120
312	Genomic Studies of Disease-Outcome in Host-Pathogen Dynamics. Integrative and Comparative Biology, 2014, 54, 427-438.	0.9	18
313	Invasive species challenge the global response to emerging diseases. Trends in Parasitology, 2014, 30, 267-270.	1.5	109
315	Predators and Patterns of Within-Host Growth Can Mediate Both Among-Host Competition and Evolution of Transmission Potential of Parasites. American Naturalist, 2014, 184, S77-S90.	1.0	62
317	Dilution effect and identity effect by wildlife in the persistence and recurrence of bovine tuberculosis. Parasitology, 2014, 141, 981-987.	0.7	12
318	High infection rate of bank voles (<i>Myodes glareolus</i>) with Puumala virus is associated with a winter outbreak of haemorrhagic fever with renal syndrome in Croatia. Epidemiology and Infection, 2014, 142, 1945-1951.	1.0	11
319	Climate change and parasite transmission: how temperature affects parasite infectivity via predation on infective stages. Ecosphere, 2015, 6, 1-9.	1.0	36
320	Frontiers in research on biodiversity and disease. Ecology Letters, 2015, 18, 1119-1133.	3.0	195
321	Host species composition influences infection severity among amphibians in the absence of spillover transmission. Ecology and Evolution, 2015, 5, 1432-1439.	0.8	24
322	A Combination of Species Evenness and Functional Diversity Is the Best Predictor of Disease Risk in Multihost Communities. American Naturalist, 2015, 186, 755-765.	1.0	20

#	Article	IF	Citations
323	Making green infrastructure healthier infrastructure. Infection Ecology and Epidemiology, 2015, 5, 30082.	0.5	61
324	Targets to increase food production: One Health implications. Infection Ecology and Epidemiology, 2015, 5, 27708.	0.5	5
325	Development of a Serological Assay for the Sea Lion (Zalophus californianus) Anellovirus, ZcAV. Scientific Reports, 2015, 5, 9637.	1.6	7
326	The consequences of human actions on risks for infectious diseases: a review. Infection Ecology and Epidemiology, 2015, 5, 30048.	0.5	187
327	A toxic endophyte-infected grass helps reverse degradation and loss of biodiversity of over-grazed grasslands in northwest China. Scientific Reports, 2015, 5, 18527.	1.6	21
328	One Health, Vaccines and Ebola: The Opportunities for Shared Benefits. Journal of Agricultural and Environmental Ethics, 2015, 28, 1011-1032.	0.9	27
330	The effect of ecosystem biodiversity on virus genetic diversity depends on virus species: A study of chiltepin-infecting begomoviruses in Mexico. Virus Evolution, 2015, 1, vev004.	2.2	39
331	Local diversity reduces infection risk across multiple freshwater hostâ€parasite associations. Freshwater Biology, 2015, 60, 2445-2454.	1.2	15
332	Spatiotemporal variation of mosquito diversity (Diptera: Culicidae) at places with different land-use types within a neotropical montane cloud forest matrix. Parasites and Vectors, 2015, 8, 487.	1.0	58
333	The importance of multiparasitism: examining the consequences of co-infections for human and animal health. Parasites and Vectors, 2015, 8, 545.	1.0	138
334	Transmission ecology of rodentâ€borne diseases: New frontiers. Integrative Zoology, 2015, 10, 424-435.	1.3	73
335	Success, failure and ambiguity of the dilution effect among competitors. Ecology Letters, 2015, 18, 916-926.	3.0	71
336	Crop diversification can contribute to disease risk control in sustainable biofuels production. Frontiers in Ecology and the Environment, 2015, 13, 561-567.	1.9	22
337	Molecular identification of Saint Louis encephalitis virus genotype IV in Colombia. Memorias Do Instituto Oswaldo Cruz, 2015, 110, 719-725.	0.8	20
338	Human seroprevalence indicating hantavirus infections in tropical rainforests of CÃƒÂ´te dÃ¢â‚¬â„¢Ivoire and Democratic Republic of Congo. Frontiers in Microbiology, 2015, 6, 518.	1.5	15
339	Resource Limitation, Controphic Ostracod Density and Larval Mosquito Development. PLoS ONE, 2015, 10, e0142472.	1.1	6
340	Effects of weather and landscape on the equine West Nile virus infection risk in Mississippi, USA. Geospatial Health, 2015, 10, 357.	0.3	2
341	Interactions between tick and transmitted pathogens evolved to minimise competition through nested and coherent networks. Scientific Reports, 2015, 5, 10361.	1.6	81

#	Article	IF	Citations
342	The relationship between biodiversity and disease transmission risk. Research and Reports in Biodiversity Studies, 0, , 9.	0.0	5
343	An ecological overview on the factors that drives to Trypanosoma cruzi oral transmission. Acta Tropica, 2015, 151, 94-102.	0.9	63
344	Phylogenetic and phylogeographic mapping of the avian coronavirus spike protein-encoding gene in wild and synanthropic birds. Virus Research, 2015, 201, 101-112.	1.1	17
345	Sleeping sickness and its relationship with development and biodiversity conservation in the Luangwa Valley, Zambia. Parasites and Vectors, 2015, 8, 224.	1.0	25
346	Anaplasma phagocytophilum prevalence in ticks and rodents in an urban and natural habitat in South-Western Slovakia. Parasites and Vectors, 2015, 8, 276.	1.0	43
347	Mammalian gastrointestinal parasites in rainforest remnants of Anamalai Hills, Western Ghats, India. Journal of Biosciences, 2015, 40, 399-406.	0.5	7
348	Loss of Microbiome Ecological Niches and Diversity by Global Change and Trophic Downgrading. SpringerBriefs in Ecology, 2015, , 89-113.	0.2	6
349	Agroâ€ecosystem services and disâ€services in almond orchards are differentially influenced by the surrounding landscape. Ecological Entomology, 2015, 40, 12-21.	1.1	10
350	Coral Reefs in the Anthropocene. , 2015, , .		23
351	A Novel Rhabdovirus Isolated from the Straw-Colored Fruit Bat Eidolon helvum, with Signs of Antibodies in Swine and Humans. Journal of Virology, 2015, 89, 4588-4597.	1.5	26
352	Replacement of a dominant viral pathogen by a fungal pathogen does not alter the collapse of a regional forest insect outbreak. Oecologia, 2015, 177, 785-797.	0.9	36
353	Ecology, Evolution and Control of Chagas Disease: A Century of Neglected Modelling and a Promising Future. Advances in Parasitology, 2015, 87, 135-191.	1.4	54
354	Introducing One Health to the Ethical Debate About Zoonotic Diseases in Southeast Asia. Bioethics, 2015, 29, 588-596.	0.7	22
356	Natural habitat does not mediate vertebrate seed predation as an ecosystem disâ€service to agriculture. Journal of Applied Ecology, 2015, 52, 291-299.	1.9	10
357	Exploring connections among nature, biodiversity, ecosystem services, and human health and well-being: Opportunities to enhance health and biodiversity conservation. Ecosystem Services, 2015, 12, 1-15.	2.3	767
358	Parasites and biological invasions: parallels, interactions, and control. Trends in Parasitology, 2015, 31, 189-199.	1.5	175
359	Ecosystem simplification, biodiversity loss and plant virus emergence. Current Opinion in Virology, 2015, 10, 56-62.	2.6	119
360	Impacts of infection with different toxigenic Clostridium difficile strains on faecal microbiota in children. Scientific Reports, 2014, 4, 7485.	1.6	150

#	Article	IF	Citations
361	Predator diversity, intraguild predation, and indirect effects drive parasite transmission. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3008-3013.	3.3	92
362	News Feature: Many species, one health. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1647-1649.	3.3	0
363	Modeling infectious disease dynamics in the complex landscape of global health. Science, 2015, 347, aaa4339.	6.0	492
364	Effects of anthropogenic and demographic factors on patterns of parasitism in African small mammal communities. Parasitology, 2015, 142, 512-522.	0.7	2
365	Broad-spectrum antivirals against viral fusion. Nature Reviews Microbiology, 2015, 13, 426-437.	13.6	189
366	Biodiversity inhibits parasites: Broad evidence for the dilution effect. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8667-8671.	3.3	514
367	How Motivated Reasoning and Temporal Frames May Polarize Opinions About Wildlife Disease Risk. Science Communication, 2015, 37, 340-370.	1.8	23
368	Parasite transmission through suspension feeding. Journal of Invertebrate Pathology, 2015, 131, 155-176.	1.5	41
369	Nature's bounties: reliance on pollinators for health. Lancet, The, 2015, 386, 1925-1927.	6.3	2
370	Diversity and Origins of Human Infectious Diseases. , 2015, , 405-414.		6
371	Drivers of Intensity and Prevalence of Flea Parasitism on Small Mammals in East African Savanna Ecosystems. Journal of Parasitology, 2015, 101, 327.	0.3	29
372	Health and climate change: policy responses to protect public health. Lancet, The, 2015, 386, 1861-1914.	6.3	1,311
373	Safeguarding human health in the Anthropocene epoch: report of The Rockefeller Foundationâ€“Lancet Commission on planetary health. Lancet, The, 2015, 386, 1973-2028.	6.3	1,703
374	Major emerging vector-borne zoonotic diseases of public health importance in Canada. Emerging Microbes and Infections, 2015, 4, 1-7.	3.0	47
375	Editorial overview: Emerging viruses: interspecies transmission. Current Opinion in Virology, 2015, 10, v-viii.	2.6	2
376	Roundoc Rx: Monoculture and Loss of Biodiversity: Effects on Human Health. Alternative and Complementary Therapies, 2015, 21, 6-12.	0.1	0
377	An expanded One Health model: Integrating social science and One Health to inform study of the human-animal interface. Social Science and Medicine, 2015, 129, 87-95.	1.8	61
378	Dilution versus facilitation: Impact of connectivity on disease risk in metapopulations. Journal of Theoretical Biology, 2015, 376, 66-73.	0.8	15

#	Article	IF	Citations
379	Seasonal variation in infestations by ixodids on Siberian chipmunks: effects of host age, sex, and birth season. Parasitology Research, 2015, 114, 2069-2078.	0.6	9
380	Trophic dynamics in an aquatic community: interactions among primary producers, grazers, and a pathogenic fungus. Oecologia, 2015, 178, 239-248.	0.9	7
381	Spatial genetic structure among bat hibernacula along the leading edge of a rapidly spreading pathogen. Conservation Genetics, 2015, 16, 1013-1024.	0.8	17
382	Phylogenetic structure and host abundance drive disease pressure in communities. Nature, 2015, 520, 542-544.	13.7	264
383	A three-way perspective of stoichiometric changes on hostâ€"parasite interactions. Trends in Parasitology, 2015, 31, 333-340.	1.5	50
385	Conservation Medicine to One Health. , 2015, , 698-703.		15
386	Moving beyond resistance management toward an expanded role for seed mixtures in agriculture. Agriculture, Ecosystems and Environment, 2015, 208, 29-36.	2.5	26
387	Meteorological Conditions Associated with Increased Incidence of West Nile Virus Disease in the United States, 2004â€"2012. American Journal of Tropical Medicine and Hygiene, 2015, 92, 1013-1022.	0.6	73
388	Historical legacies accumulate to shape future biodiversity in an era of rapid global change. Diversity and Distributions, 2015, 21, 534-547.	1.9	112
389	The roles of community diversity and contact rates on pathogen prevalence. Journal of Mammalogy, 2015, 96, 29-36.	0.6	21
390	Effects of individual, community, and landscape drivers on the dynamics of a wildland forest epidemic. Ecology, 2016, 97, 649-660.	1.5	30
391	Non-random patterns in viral diversity. Nature Communications, 2015, 6, 8147.	5.8	65
392	Epidemiological Factors Related to Foodborne Transmission of Chagas Disease. SpringerBriefs in Food, Health and Nutrition, 2015, , 41-51.	0.5	2
393	Impact of sludge deposition on biodiversity. Ecotoxicology, 2015, 24, 1799-1814.	1.1	24
394	Hemoparasites in a wild primate: Infection patterns suggest interaction of Plasmodium and Babesia in a lemur species. International Journal for Parasitology: Parasites and Wildlife, 2015, 4, 385-395.	0.6	18
395	Relative importance of multiple scale factors to oak tree mortality due to Japanese oak wilt disease. Forest Ecology and Management, 2015, 356, 173-183.	1.4	6
396	Global biogeography of human infectious diseases. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12746-12751.	3.3	109
397	Disease ecology across soil boundaries: effects of below-ground fungi on above-ground hostâ€"parasite interactions. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151993.	1.2	20

#	Article	IF	Citations
398	Differences in sensitivity to the fungal pathogen<i>Batrachochytrium dendrobatidis</i>among amphibian populations. Conservation Biology, 2015, 29, 1347-1356.	2.4	33
399	Interspecific Contact and Competition May Affect the Strength and Direction of Disease-Diversity Relationships for Directly Transmitted Microparasites. American Naturalist, 2015, 186, 480-494.	1.0	26
400	Why infectious disease research needs community ecology. Science, 2015, 349, 1259504.	6.0	330
401	Climate change, biodiversity, ticks and tick-borne diseases: The butterfly effect. International Journal for Parasitology: Parasites and Wildlife, 2015, 4, 452-461.	0.6	182
402	Unknown age in health disorders: A method to account for its cumulative effect and an application to feline viruses interactions. Epidemics, 2015, 11, 48-55.	1.5	0
403	Effects of phytopathogens on plant community dynamics: A review. Acta Ecologica Sinica, 2015, 35, 177-183.	0.9	3
404	Eight challenges in modelling disease ecology in multi-host, multi-agent systems. Epidemics, 2015, 10, 26-30.	1.5	69
405	Diseases of Coral Reef Organisms. , 2015, , 147-178.		29
406	The trophic responses of two different rodentâ€“vectorâ€“plague systems to climate change. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20141846.	1.2	33
407	Towards a resourceâ€based habitat approach for spatial modelling of vectorâ€borne disease risks. Biological Reviews, 2015, 90, 1151-1162.	4.7	50
408	Serial infection of diverse host (<i>Mus</i>) genotypes rapidly impedes pathogen fitness and virulence. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20141568.	1.2	8
409	Biological invasions, climate change and genomics. Evolutionary Applications, 2015, 8, 23-46.	1.5	209
410	Beyond mice and men: environmental change, immunity and infections in wild ungulates. Parasite Immunology, 2015, 37, 255-266.	0.7	28
411	Mitochondrial phylogeny reveals cryptic genetic diversity in the genus<i>Niviventer</i>(Rodentia,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	13
412	The impact of introduced hosts on parasite transmission: opisthorchiid infections in American mink (Neovison vison). Biological Invasions, 2015, 17, 115-122.	1.2	10
413	An ecological study of Bithynia snails, the first intermediate host of Opisthorchis viverrini in northeast Thailand. Acta Tropica, 2015, 141, 244-252.	0.9	28
414	Does alteration in biodiversity really affect disease outcome? â€“ A debate is brewing. Saudi Journal of Biological Sciences, 2015, 22, 14-18.	1.8	25
415	Associations between patterns of human intestinal schistosomiasis and snail and mammal species richness in Uganda: can we detect a decoy effect?. Frontiers of Biogeography, 2016, 8, .	0.8	4

#	Article	IF	Citations
416	Restoring ecosystem health to improve human health and well-being: physicians and restoration ecologists unite in a common cause. Ecology and Society, 2016, 21, .	1.0	40
417	Genome Sequencing and Comparative Genomics Analysis Revealed Pathogenic Potential in Penicillium capsulatum as a Novel Fungal Pathogen Belonging to Eurotiales. Frontiers in Microbiology, 2016, 7, 1541.	1.5	11
418	The impact of temperature and precipitation on blacklegged tick activity and Lyme disease incidence in endemic and emerging regions. Parasites and Vectors, 2016, 9, 606.	1.0	64
419	Amazonian Triatomine Biodiversity and the Transmission of Chagas Disease in French Guiana: In Medio Stat Sanitas. PLoS Neglected Tropical Diseases, 2016, 10, e0004427.	1.3	12
420	Correlative Gene Expression to Protective Seroconversion in Rift Valley Fever Vaccinates. PLoS ONE, 2016, 11, e0147027.	1.1	8
421	Analyses between Reproductive Behavior, Genetic Diversity and Pythium Responsiveness in Zingiber spp. Reveal an Adaptive Significance for Hemiclonality. Frontiers in Plant Science, 2016, 7, 1913.	1.7	11
422	Plant Virus Diversity and Evolution. , 2016, , 197-215.		7
423	Testing epidemiological functional groups as predictors of avian haemosporidia patterns in southern Africa. Ecosphere, 2016, 7, e01225.	1.0	2
424	A consensusâ€based tool for ranking the risk of bloodâ€transmissible infections. Transfusion, 2016, 56, 2108-2114.	0.8	2
425	Feasibility and pitfalls of <i>ex situ</i> management to mitigate the effects of an environmentally persistent pathogen. Animal Conservation, 2016, 19, 539-547.	1.5	6
426	GalÃ¡pagos mockingbirds tolerate introduced parasites that affect Darwin's finches. Ecology, 2016, 97, 940-950.	1.5	72
427	Tickâ€, mosquitoâ€, and rodentâ€borne parasite sampling designs for the National Ecological Observatory Network. Ecosphere, 2016, 7, e01271.	1.0	31
428	Current Research Topics in Plant Virology. , 2016, , .		28
429	TRANSLATING ECOLOGY, PHYSIOLOGY, BIOCHEMISTRY, AND POPULATION GENETICS RESEARCH TO MEET THE CHALLENGE OF TICK AND TICKâ€BORNE DISEASES IN NORTH AMERICA. Archives of Insect Biochemistry and Physiology, 2016, 92, 38-64.	0.6	23
430	Host community composition and defensive symbionts determine trematode parasite abundance in host communities. Ecosphere, 2016, 7, e01278.	1.0	7
431	Environmentalâ€mechanistic modelling of the impact of global change on human zoonotic disease emergence: a case study of Lassa fever. Methods in Ecology and Evolution, 2016, 7, 646-655.	2.2	60
432	Quantifying dilution and amplification in a community of hosts for tickâ€borne pathogens. Ecological Applications, 2016, 26, 484-498.	1.8	75
433	Warming and fertilization alter the dilution effect of host diversity on disease severity. Ecology, 2016, 97, 1680-1689.	1.5	76

#	Article	IF	Citations
434	Assessing threats from coral and crustose coralline algae disease on the reefs of New Caledonia. Marine and Freshwater Research, 2016, 67, 455.	0.7	10
435	Deforestation-driven food-web collapse linked to emerging tropical infectious disease, <i>Mycobacterium ulcerans</i>. Science Advances, 2016, 2, e1600387.	4.7	45
436	Modification of Susceptible and Toxic Herbs on Grassland Disease. Scientific Reports, 2016, 6, 30635.	1.6	4
437	Endemic plants harbour specific Trichoderma communities with an exceptional potential for biocontrol of phytopathogens. Journal of Biotechnology, 2016, 235, 162-170.	1.9	37
438	Fatal diseases and parasitoids: from competition to facilitation in a shared host. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160154.	1.2	22
439	Seroprevalence of seven pathogens transmitted by the Ixodes ricinus tick in forestry workers in France. Clinical Microbiology and Infection, 2016, 22, 735.e1-735.e9.	2.8	52
440	Linkage between crop diversity and agro-ecosystem resilience: Nonmonotonic agricultural response under alternate regimes. Ecological Economics, 2016, 126, 23-31.	2.9	29
441	Assessing ecosystem impacts on health: A tool review. Ecosystem Services, 2016, 17, 237-254.	2.3	37
442	Leucocytozoon Diversity and Possible Vectors in the Neotropical highlands of Colombia. Protist, 2016, 167, 185-204.	0.6	49
443	Automated proximity sensing in small vertebrates: design of miniaturized sensor nodes and first field tests in bats. Ecology and Evolution, 2016, 6, 2179-2189.	0.8	32
444	Genetic variation at the <scp>MHC </scp><i>DRB1</i> locus is similar across Gunnison's prairie dog (<i>Cynomys gunnisoni</i>) colonies regardless of plague history. Ecology and Evolution, 2016, 6, 2624-2651.	0.8	6
445	The diversity-generating benefits of a prokaryotic adaptive immune system. Nature, 2016, 532, 385-388.	13.7	236
446	Heterogeneity in pathogen transmission: mechanisms and methodology. Functional Ecology, 2016, 30, 1606-1622.	1.7	177
447	Disease and Human/Animal Interactions. Annual Review of Anthropology, 2016, 45, 395-416.	0.4	41
448	Patchâ€burn grazing increases habitat heterogeneity and biodiversity of small mammals in managed rangelands. Ecosphere, 2016, 7, e01431.	1.0	34
449	Trypanosoma cruzi diversity in infected dogs from areas of the north coast of Chile. Veterinary Parasitology: Regional Studies and Reports, 2016, 5, 42-47.	0.3	6
450	Risk Prioritization Tool to Identify the Public Health Risks of Wildlife Trade: The Case of Rodents from Latin America. Zoonoses and Public Health, 2016, 63, 281-293.	0.9	12
451	Well-Being Dynamics and Poverty Traps. Annual Review of Resource Economics, 2016, 8, 303-327.	1.5	103

#	Article	IF	Citations
452	Quantifying flood mitigation services: The economic value of Otter Creek wetlands and floodplains to Middlebury, VT. Ecological Economics, 2016, 130, 16-24.	2.9	89
453	No Evidence of Dengue Virus Infections in Several Species of Bats Captured in Central and Southern Mexico. Zoonoses and Public Health, 2016, 63, 579-583.	0.9	21
454	Detection of spring viraemia of carp virus in imported amphibians reveals an unanticipated foreign animal disease threat. Emerging Microbes and Infections, 2016, 5, 1-7.	3.0	15
455	Beliefs, Politics, and Environmental Policy. Review of Environmental Economics and Policy, 2016, 10, 226-244.	3.1	35
456	Cover crops to increase soil microbial diversity and mitigate decline in perennial agriculture. A review. Agronomy for Sustainable Development, 2016, 36, 1.	2.2	221
457	Epidemiological Implications of Host Biodiversity and Vector Biology: Key Insights from Simple Models. American Naturalist, 2016, 187, 405-422.	1.0	9
458	Joint effects of habitat, zooplankton, host stage structure and diversity on amphibian chytrid. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160832.	1.2	12
459	Seasonal forecasting and health impact models: challenges and opportunities. Annals of the New York Academy of Sciences, 2016, 1382, 8-20.	1.8	15
460	High adult mortality in diseaseâ€challenged frog populations increases vulnerability to drought. Journal of Animal Ecology, 2016, 85, 1453-1460.	1.3	45
461	Functional Diversity as a New Framework for Understanding the Ecology of an Emerging Generalist Pathogen. EcoHealth, 2016, 13, 570-581.	0.9	9
462	The role of non-declining amphibian species as alternative hosts for Batrachochytrium dendrobatidis in an amphibian community. Wildlife Research, 2016, 43, 341.	0.7	10
464	Lineage-specific serology confirms Brazilian Atlantic forest lion tamarins, Leontopithecus chrysomelas and Leontopithecus rosalia, as reservoir hosts of Trypanosoma cruzi II (TcII). Parasites and Vectors, 2016, 9, 584.	1.0	15
465	Alterations in the Fecal Microbiota of Patients with HIV-1 Infection: An Observational Study in A Chinese Population. Scientific Reports, 2016, 6, 30673.	1.6	153
466	Exploring the ecological function of CRISPR-Cas virus defense. Communicative and Integrative Biology, 2016, 9, e1216740.	0.6	1
467	<i>Analytics for Health</i>: Design of Cyber-infrastructures for Multiscale and Real-Time Cholera Outbreak Predictions. , 0, , 261-297.		1
468	White-nose syndrome without borders: Pseudogymnoascus destructans infection tolerated in Europe and Palearctic Asia but not in North America. Scientific Reports, 2016, 6, 19829.	1.6	98
469	Molecular typing of bacteria for epidemiological surveillance and outbreak investigation / Molekulare Typisierung von Bakterien fÃ¼r die epidemiologische Ãœberwachung und AusbruchsabklÃrung. Bodenkultur, 2016, 67, 199-224.	0.1	7
470	Host associations and genomic diversity of Borrelia hermsii in an endemic focus of tick-borne relapsing fever in western North America. Parasites and Vectors, 2016, 9, 575.	1.0	19

#	Article	IF	Citations
471	Assessing the feasibility of fly based surveillance of wildlife infectious diseases. Scientific Reports, 2016, 6, 37952.	1.6	19
472	Do not feed the wildlife: associations between garbage use, aggression, and disease in banded mongooses (<i>Mungos mungo</i>). Ecology and Evolution, 2016, 6, 5932-5939.	0.8	26
473	One Health in China. Infection Ecology and Epidemiology, 2016, 6, 33843.	0.5	20
474	Spatial scale modulates the strength of ecological processes driving disease distributions. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3359-64.	3.3	143
475	Effect of landscape features on the relationship between Ixodes ricinus ticks and their small mammal hosts. Parasites and Vectors, 2016, 9, 20.	1.0	48
476	A cellular automaton model for the transmission of Chagas disease in heterogeneous landscape and host community. Applied Mathematical Modelling, 2016, 40, 782-794.	2.2	17
477	Addressing Health Literacy Challenges With a Cutting-Edge Infectious Disease Curriculum for the High School Biology Classroom. Health Education and Behavior, 2016, 43, 43-53.	1.3	11
478	Mitochondrial capture enriches mitoâ€DNA 100 fold, enabling PCRâ€free mitogenomics biodiversity analysis. Molecular Ecology Resources, 2016, 16, 470-479.	2.2	74
479	Tick-borne infectious agents in nature: Simulated effects of changes in host density on spatial-temporal prevalence of infected ticks. Ecological Modelling, 2016, 323, 77-86.	1.2	24
480	Potential roles of disordered airway microbiota in patients with severe asthma. Journal of Allergy and Clinical Immunology, 2016, 137, 648.	1.5	7
481	Plant diversity effects on crop yield, pathogen incidence, and secondary metabolism on cacao farms in Peruvian Amazonia. Agriculture, Ecosystems and Environment, 2016, 222, 223-234.	2.5	13
482	Behavioural differences: a link between biodiversity and pathogen transmission. Animal Behaviour, 2016, 111, 341-347.	0.8	13
483	Self-disseminating vaccines for emerging infectious diseases. Expert Review of Vaccines, 2016, 15, 31-39.	2.0	42
484	Land-cover change within and around protected areas in a biodiversity hotspot. Journal of Land Use Science, 2016, 11, 154-176.	1.0	68
485	Wildlife contamination with fluoroquinolones from livestock: Widespread occurrence of enrofloxacin and marbofloxacin in vultures. Chemosphere, 2016, 144, 1536-1543.	4.2	63
486	Effects of extreme natural events on the provision of ecosystem services in a mountain environment: The importance of trail design in delivering system resilience and ecosystem service co-benefits. Journal of Environmental Management, 2016, 166, 156-167.	3.8	34
487	Discovering potential sources of emerging pathogens: South America is a reservoir of generalist avian blood parasites. International Journal for Parasitology, 2016, 46, 41-49.	1.3	55
488	The biological background of a recurrently emerging infectious disease: prevalence, diversity and host specificity of <i>Avipoxvirus</i> in wild Neotropical birds. Journal of Avian Biology, 2017, 48, 1041-1046.	0.6	5

#	Article	IF	Citations
489	MPLEx: a method for simultaneous pathogen inactivation and extraction of samples for multi-omics profiling. Analyst, The, 2017, 142, 442-448.	1.7	43
490	Population expansion and individual age affect endoparasite richness and diversity in a recolonising large carnivore population. Scientific Reports, 2017, 7, 41730.	1.6	35
491	Does the dilution effect generally occur in animal diseases?. Parasitology, 2017, 144, 823-826.	0.7	15
492	The Rise of Non-native Vectors and Reservoirs of Human Diseases. , 2017, , 263-275.		12
493	Contemporary variations of immune responsiveness during range expansion of two invasive rodents in Senegal. Oikos, 2017, 126, 435-446.	1.2	15
494	Effect of host diversity and species assemblage composition on bovine tuberculosis (bTB) risk in Ethiopian cattle. Parasitology, 2017, 144, 783-792.	0.7	6
495	The Baltic Sea Virome: Diversity and Transcriptional Activity of DNA and RNA Viruses. MSystems, 2017, 2, .	1.7	80
496	Triâ€trophic ecology of native parasitic nest flies of birds in <scp>T</scp>obago. Ecosphere, 2017, 8, e01670.	1.0	17
497	Supplementary feeding and endoparasites in threatened avian scavengers: Coprologic evidence from red kites in their wintering stronghold. Environmental Research, 2017, 155, 22-30.	3.7	20
498	Prevalence and Phylogenetic Analysis of Bartonella Species of Wild Carnivores and Their Fleas in Northwestern Mexico. EcoHealth, 2017, 14, 116-129.	0.9	19
499	The nexus between forest fragmentation in Africa and Ebola virus disease outbreaks. Scientific Reports, 2017, 7, 41613.	1.6	145
500	Ticks and tick-borne pathogens of dogs along an elevational and land-use gradient in ChiriquÃ- province, PanamÃ¡. Experimental and Applied Acarology, 2017, 71, 371-385.	0.7	8
501	Does the impact of biodiversity differ between emerging and endemic pathogens? The need to separate the concepts of hazard and risk. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160129.	1.8	58
502	Conservation of biodiversity as a strategy for improving human health and well-being. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160131.	1.8	99
503	Null expectations for disease dynamics in shrinking habitat: dilution or amplification?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160173.	1.8	67
504	Population dynamics and threats to an apex predator outside protected areas: implications for carnivore management. Royal Society Open Science, 2017, 4, 161090.	1.1	55
505	Interacting effects of land use and climate on rodent-borne pathogens in central Kenya. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160116.	1.8	39
506	Disease ecology, health and the environment: a framework to account for ecological and socio-economic drivers in the control of neglected tropical diseases. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160128.	1.8	78

#	Article	IF	Citations
507	Integrating chytrid fungal parasites into plankton ecology: research gaps and needs. Environmental Microbiology, 2017, 19, 3802-3822.	1.8	171
508	Discovery of a Highly Divergent Coronavirus in the Asian House Shrew from China Illuminates the Origin of the Alphacoronaviruses. Journal of Virology, 2017, 91, .	1.5	37
509	Is biodiversity bad for your health?. Ecosphere, 2017, 8, e01676.	1.0	46
510	Biodiversity loss and the ecology of infectious disease. Lancet Planetary Health, The, 2017, 1, e2-e3.	5.1	24
511	Environmental heterogeneity and the evolution of plant-virus interactions: Viruses in wild pepper populations. Virus Research, 2017, 241, 68-76.	1.1	34
512	Flea and Small Mammal Species Composition in Mixed-Grass Prairies: Implications for the Maintenance of<i>Yersinia pestis</i>. Vector-Borne and Zoonotic Diseases, 2017, 17, 467-474.	0.6	5
513	Dampening of population cycles in voles affects small mammal community structure, decreases diversity, and increases prevalence of a zoonotic disease. Ecology and Evolution, 2017, 7, 5331-5342.	0.8	25
514	Long-term field studies on rodents. Journal of Mammalogy, 2017, 98, 642-651.	0.6	11
515	Ecological Stability of Mixed-Species Forests. , 2017, , 337-382.		78
516	Lesser snow goose helminths show recurring and positive parasite infection-diversity relations. International Journal for Parasitology: Parasites and Wildlife, 2017, 6, 22-28.	0.6	2
517	Rapid Assessment of Wetland Ecosystem Services (RAWES): An example from Colombo, Sri Lanka. Ecosystem Services, 2017, 25, 89-105.	2.3	78
518	Antiviral activity of cationic amphiphilic drugs. Expert Review of Anti-Infective Therapy, 2017, 15, 483-492.	2.0	112
519	Preparing for Emerging Infectious Diseases. JAMA Pediatrics, 2017, 171, 411.	3.3	2
520	Global Governance Dimensions of Globally Networked Risks: The State of the Art in Social Science Research. Risk, Hazards and Crisis in Public Policy, 2017, 8, 4-27.	1.4	46
521	Global change, parasite transmission and disease control: lessons from ecology. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160088.	1.8	173
522	The benefits of coinfection: trematodes alter disease outcomes associated with virus infection. Journal of Animal Ecology, 2017, 86, 921-931.	1.3	51
523	Human drivers of ecological and evolutionary dynamics in emerging and disappearing infectious disease systems. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160043.	1.8	62
524	Stable Transmission of <i>Borrelia burgdorferi</i> Sensu Stricto on the Outer Banks of North Carolina. Zoonoses and Public Health, 2017, 64, 337-354.	0.9	7

#	Article	IF	Citations
525	Monitoring Essential Biodiversity Variables at the Species Level. , 2017, , 79-105.		18
526	Mammal decline, linked to invasive Burmese python, shifts host use of vector mosquito towards reservoir hosts of a zoonotic disease. Biology Letters, 2017, 13, 20170353.	1.0	50
527	Global hotspots and correlates of emerging zoonotic diseases. Nature Communications, 2017, 8, 1124.	5.8	645
528	Integrated field, laboratory, and theoretical study of PKD spread in a Swiss prealpine river. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11992-11997.	3.3	60
529	Understanding the cryptic nature of Lassa fever in West Africa. Pathogens and Global Health, 2017, 111, 276-288.	1.0	67
530	Changing antibiotic resistance: sustainability transformation to a pro-microbial planet. Current Opinion in Environmental Sustainability, 2017, 25, 66-76.	3.1	20
531	Ecological and evolutionary approaches to managing honeybee disease. Nature Ecology and Evolution, 2017, 1, 1250-1262.	3.4	73
532	Increased consumer density reduces the strength of neighborhood effects in a model system. Ecology, 2017, 98, 2904-2913.	1.5	13
533	Interacting effects of wildlife loss and climate on ticks and tick-borne disease. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170475.	1.2	27
534	Agro-ecological Approaches to Pest Management for Sustainable Agriculture. , 2017, , .		22
535	Microbiome Alterations Are Correlated with Occurrence of Postharvest Stem-End Rot in Mango Fruit. Phytobiomes Journal, 2017, 1, 117-127.	1.4	72
536	Parasites as prey: the effect of cercarial density and alternative prey on consumption of cercariae by four non-host species. Parasitology, 2017, 144, 1775-1782.	0.7	24
537	Traditional Artistic Expressions in Science Communication in a Globalized World: Contributions From an Exploratory Project Developed in Northeast Brazil. Science Communication, 2017, 39, 798-809.	1.8	4
538	Influence of predation on community resilience to disease. Journal of Animal Ecology, 2017, 86, 1147-1158.	1.3	5
539	Protecting and promoting population health in the context of climate and other global environmental changes. Anthropocene, 2017, 19, 1-12.	1.6	25
540	The ecology of infection between a transmissive and a deadâ€end host provides clues for the treatment of a plant disease. Ecosphere, 2017, 8, e01815.	1.0	23
541	Mechanisms and consequences of diversity-generating immune strategies. Nature Reviews Immunology, 2017, 17, 719-728.	10.6	26
542	A review on the antagonist Ebola: A prophylactic approach. Biomedicine and Pharmacotherapy, 2017, 96, 1513-1526.	2.5	13

#	Article	IF	Citations
543	Rodent-Borne Bartonella Infection Varies According to Host Species Within and Among Cities. EcoHealth, 2017, 14, 771-782.	0.9	31
544	Planetary health: protecting human health on a rapidly changing planet. Lancet, The, 2017, 390, 2860-2868.	6.3	141
545	Ecological and sanitary impacts of bacterial communities associated to biological invasions in African commensal rodent communities. Scientific Reports, 2017, 7, 14995.	1.6	18
546	Understanding localâ€scale drivers of biodiversity outcomes in terrestrial protected areas. Annals of the New York Academy of Sciences, 2017, 1399, 42-60.	1.8	39
547	Mosquitoes of the Caatinga: 1. Adults stage survey and the emerge of seven news species endemic of a dry tropical forest in Brazil. Acta Tropica, 2017, 166, 193-201.	0.9	8
548	Scale dependencies and generalism in host use shape virus prevalence. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20172066.	1.2	29
549	Host susceptibility to snake fungal disease is highly dispersed across phylogenetic and functional trait space. Science Advances, 2017, 3, e1701387.	4.7	42
550	Species Identity Supersedes the Dilution Effect Concerning Hantavirus Prevalence at Sites across Texas and MÃ©xico. ILAR Journal, 2017, 58, 401-412.	1.8	11
551	Global patterns in coronavirus diversity. Virus Evolution, 2017, 3, vex012.	2.2	310
552	Vegetation Management and Host Density Influence Beeâ€"Parasite Interactions in Urban Gardens. Environmental Entomology, 2017, 46, 1313-1321.	0.7	17
553	Impact of anthropogenic activities on the dissemination of antibiotic resistance across ecological boundaries. Essays in Biochemistry, 2017, 61, 11-21.	2.1	50
554	Trade-Offs in Multi-Purpose Land Use under Land Degradation. Sustainability, 2017, 9, 2196.	1.6	24
555	Effects of Host Variability on the Spread of Invasive Forest Diseases. Forests, 2017, 8, 80.	0.9	64
556	Functional Redundancy and Ecological Innovation Shape the Circulation of Tick-Transmitted Pathogens. Frontiers in Cellular and Infection Microbiology, 2017, 7, 234.	1.8	10
557	Infection of Anaplasma phagocytophilum and Ehrlichia spp. in Opossums and Dogs in Campeche, Mexico: The Role of Tick Infestation. Frontiers in Ecology and Evolution, 2017, 5, .	1.1	14
559	Parasitic survey on introduced monk parakeets (Myiopsitta monachus) in Santiago, Chile. Brazilian Journal of Veterinary Parasitology, 2017, 26, 129-135.	0.2	16
560	Habitat modification and seasonality influence avian haemosporidian parasite distributions in southeastern Brazil. PLoS ONE, 2017, 12, e0178791.	1.1	33
561	Is species richness driving intra- and interspecific interactions and temporal activity overlap of a hantavirus host? An experimental test. PLoS ONE, 2017, 12, e0188060.	1.1	19

#	Article	IF	Citations
562	Development Policy Given 'Deep Roots'. SSRN Electronic Journal, 0, , .	0.4	0
564	Corruption Across Countries and Cultures. SSRN Electronic Journal, 2017, , .	0.4	1
565	Ecosystem Services â˜†. , 2017, , .		0
566	Supplementing nonâ€target taxa: bird feeding alters the local distribution of mammals. Ecological Applications, 2018, 28, 761-770.	1.8	20
567	Modeling Vector-Borne Diseases in a Commoditized Landscape. , 2018, , 17-38.		0
568	Population Genomics of Plant Viruses. Population Genomics, 2018, , 233-265.	0.2	19
569	In-depth phylodynamics, evolutionary analysis and in silico predictions of universal epitopes of Influenza A subtypes and Influenza B viruses. Molecular Phylogenetics and Evolution, 2018, 121, 174-182.	1.2	9
570	Traveling wave fronts of a single species model with cannibalism and nonlocal effect. Chaos, Solitons and Fractals, 2018, 108, 148-153.	2.5	2
571	Gastro-intestinal parasite infections of Ankole cattle in an unhealthy landscape: An assessment of ecological predictors. Veterinary Parasitology, 2018, 252, 107-116.	0.7	13
572	Random species loss underestimates dilution effects of host diversity on foliar fungal diseases under fertilization. Ecology and Evolution, 2018, 8, 1705-1713.	0.8	26
573	Parasitism and the Biodiversity-Functioning Relationship. Trends in Ecology and Evolution, 2018, 33, 260-268.	4.2	79
575	The future of tropical forests under the United Nations Sustainable Development Goals. Journal of Sustainable Forestry, 2018, 37, 221-256.	0.6	66
576	Blood-meal preferences and avian malaria detection in mosquitoes (Diptera: Culicidae) captured at different land use types within a neotropical montane cloud forest matrix. Parasitology International, 2018, 67, 313-320.	0.6	34
577	Climate change and multiple emerging infectious diseases. Veterinary Journal, 2018, 234, 43-47.	0.6	19
578	Geometagenomics illuminates the impact of agriculture on the distribution and prevalence of plant viruses at the ecosystem scale. ISME Journal, 2018, 12, 173-184.	4.4	132
579	Occupancy Applications. , 2018, , 27-70.		5
581	Neglected vector-borne zoonoses in Europe: Into the wild. Veterinary Parasitology, 2018, 251, 17-26.	0.7	59
582	Crimean-Congo Hemorrhagic Fever Geographic and Environmental Risk Assessment in the Balkan and Anatolian Peninsulas. Papers in Applied Geography, 2018, 4, 46-71.	0.8	6

#	Article	IF	Citations
583	Data-driven predictions and novel hypotheses about zoonotic tick vectors from the genus Ixodes. BMC Ecology, 2018, 18, 7.	3.0	20
584	Detecting local transmission of avian malaria and related haemosporidian parasites (Apicomlexa,) Tj ETQq1 1 0.784314 rgBT /Overlock 2187-2199.	0.6	10
585	The influence of landscape and environmental factors on ranavirus epidemiology in a California amphibian assemblage. Freshwater Biology, 2018, 63, 639-651.	1.2	15
589	Relatedness of the incidence decay with exponential adjustment (IDEA) model, â€œFarr's lawâ€•and SIR compartmental difference equation models. Infectious Disease Modelling, 2018, 3, 1-12.	1.2	14
590	Quantifying the dilution effect for models in ecological epidemiology. Journal of the Royal Society Interface, 2018, 15, 20170791.	1.5	42
591	Experimental logging alters the abundance and community composition of ovipositing mosquitoes in the southern Appalachians. Ecological Entomology, 2018, 43, 463-472.	1.1	4
594	Public understanding of One Health messages: The role of temporal framing. Public Understanding of Science, 2018, 27, 185-196.	1.6	10
595	The Threat and Response to Infectious Diseases (Revised). Microbial Ecology, 2018, 76, 19-36.	1.4	10
596	When pathogens determine the territory: Toward a concept of non-human borders. European Journal of International Relations, 2018, 24, 391-413.	1.3	19
597	A new hot spot for tick-borne encephalitis (TBE): A marked increase of TBE cases in France in 2016. Ticks and Tick-borne Diseases, 2018, 9, 120-125.	1.1	49
598	Dynamic, spatial models of parasite transmission in wildlife: Their structure, applications and remaining challenges. Journal of Animal Ecology, 2018, 87, 559-580.	1.3	56
599	The Era of Human-Induced Diseases. EcoHealth, 2018, 15, 8-11.	0.9	6
600	Hantavirus maintenance and transmission in reservoir host populations. Current Opinion in Virology, 2018, 28, 1-6.	2.6	57
601	Colonization of Parasites and Vectors. Social and Ecological Interactions in the Galapagos Islands, 2018, , 45-79.	0.4	4
602	Detection of Emerging Zoonotic Pathogens: An Integrated One Health Approach. Annual Review of Animal Biosciences, 2018, 6, 121-139.	3.6	76
604	Disease biogeography: spatial and temporal analyses of infectious disease burden at the country-level scale provides new insights and challenges. Frontiers of Biogeography, 2018, 9, .	0.8	0
605	Habitat fragmentation, biodiversity loss and the risk of novel infectious disease emergence. Journal of the Royal Society Interface, 2018, 15, 20180403.	1.5	122
606	Ongoing quiescence in the Borborema Plateau Plague focus (Paraiba, Brazil). Anais Da Academia Brasileira De Ciencias, 2018, 90, 3007-3015.	0.3	5

#	Article	IF	Citations
608	The Endophytic Mycobiome of European Ash and Sycamore Maple Leaves â€“ Geographic Patterns, Host Specificity and Influence of Ash Dieback. Frontiers in Microbiology, 2018, 9, 2345.	1.5	48
609	Identifying management-relevant research priorities for responding to disease-associated amphibian declines. Global Ecology and Conservation, 2018, 16, e00441.	1.0	11
610	Clinician Guide to Microbiome Testing. Digestive Diseases and Sciences, 2018, 63, 3167-3177.	1.1	22
611	Evolutionary emergence of infectious diseases in heterogeneous host populations. PLoS Biology, 2018, 16, e2006738.	2.6	84
612	Biosensors and Express Control ofÂBacterialÂContamination of Different Environmental Objects. , 2018, , 367-394.		0
613	Municipal wastewater can result in a dramatic decline in freshwater fishes: a lesson from a developing country. Knowledge and Management of Aquatic Ecosystems, 2018, , 37.	0.5	9
614	Biodiversity and Disease Transmission. Advances in Environmental Microbiology, 2018, , 39-56.	0.1	2
615	Rodent Abundance and Hantavirus Infection in Protected Area, East-Central Argentina. Emerging Infectious Diseases, 2018, 24, 131-134.	2.0	16
616	Establishing research priorities to improve the One Health efficacy of Australian general practitioners and veterinarians with regard to zoonoses: A modified Delphi survey. One Health, 2018, 6, 7-15.	1.5	16
617	Mosaics, mixtures, rotations or pyramiding: What is the optimal strategy to deploy major gene resistance?. Evolutionary Applications, 2018, 11, 1791-1810.	1.5	52
618	Interkingdom Community Interactions in Disease Ecology. Advances in Environmental Microbiology, 2018, , 3-38.	0.1	1
619	Citizen science for development: Potential role of mobile phones in information sharing on ticks and tick-borne diseases in Laikipia, Kenya. Njas - Wageningen Journal of Life Sciences, 2018, 86-87, 123-135.	7.9	11
620	Model development: establishing pigs with homogenous microbial profile in the hind gut. Canadian Journal of Animal Science, 2018, 98, 498-507.	0.7	2
621	Host community heterogeneity and the expression of host specificity in avian haemosporidia in the Western Cape, South Africa. Parasitology, 2018, 145, 1876-1883.	0.7	7
622	Human impacts decouple a fundamental ecological relationshipâ€"The positive association between host diversity and parasite diversity. Global Change Biology, 2018, 24, 3666-3679.	4.2	21
623	Nervous System Infections and the Global Traveler. Seminars in Neurology, 2018, 38, 247-262.	0.5	4
624	The Allee effect in hosts can weaken the dilution effect of host diversity on parasitoid infections. Ecological Modelling, 2018, 382, 43-50.	1.2	2
625	<i>Ixodes scapularis</i> does not harbor a stable midgut microbiome. ISME Journal, 2018, 12, 2596-2607.	4.4	87

#	Article	IF	Citations
626	Relationships among introduced parasites, host defenses, and gut microbiota of Galapagos birds. Ecosphere, 2018, 9, e02286.	1.0	21
627	The One Health Concept: 10â€‰Years Old and a Long Road Ahead. Frontiers in Veterinary Science, 2018, 5, 14.	0.9	383
628	Lurking in the dark: Cryptic Strongyloides in a Bornean slow loris. International Journal for Parasitology: Parasites and Wildlife, 2018, 7, 141-146.	0.6	23
629	SNP hot-spots in the clam parasite QPX. BMC Genomics, 2018, 19, 486.	1.2	2
630	Oropharyngeal Microbiota in Frail Older Patients Unaffected by Time in Hospital. Frontiers in Cellular and Infection Microbiology, 2018, 8, 42.	1.8	10
631	Biodiversity and human health: mechanisms and evidence of the positive health effects of diversity in nature and green spaces. British Medical Bulletin, 2018, 127, 5-22.	2.7	285
632	Seasonal Patterns in the Prevalence and Diversity of Tick-Borne Borrelia burgdorferi Sensu Lato, Anaplasma phagocytophilum and Rickettsia spp. in an Urban Temperate Forest in South Western Slovakia. International Journal of Environmental Research and Public Health, 2018, 15, 994.	1.2	33
633	Species diversity concurrently dilutes and amplifies transmission in a zoonotic hostâ€“pathogen system through competing mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7979-7984.	3.3	100
634	Pandemics: spend on surveillance, not prediction. Nature, 2018, 558, 180-182.	13.7	120
635	Heavy metal exposure and nasal Staphylococcus aureus colonization: analysis of the National Health and Nutrition Examination Survey (NHANES). Environmental Health, 2018, 17, 2.	1.7	22
636	Ecosystem change and zoonoses in the Anthropocene. Zoonoses and Public Health, 2018, 65, 755-765.	0.9	66
637	Dynamic modelling of personal protection control strategies for vector-borne disease limits the role of diversity amplification. Journal of the Royal Society Interface, 2018, 15, 20180166.	1.5	8
638	Stochastic dynamics of an epidemic with recurrent spillovers from an endemic reservoir. Journal of Theoretical Biology, 2018, 457, 37-50.	0.8	4
639	An Introduction to Ecoimmunology. , 2018, , 901-932.		20
640	From Spatial Metagenomics to Molecular Characterization of Plant Viruses: A Geminivirus Case Study. Advances in Virus Research, 2018, 101, 55-83.	0.9	34
641	Emerging Viruses in Bees: From Molecules to Ecology. Advances in Virus Research, 2018, 101, 251-291.	0.9	35
642	Climatic influence on anthrax suitability in warming northern latitudes. Scientific Reports, 2018, 8, 9269.	1.6	54
643	Ectoparasitism by Chigger Mite Larvae (Acari: Trombiculidae) in a Wintering Population of Catharus ustulatus (Turdidae) in Southeastern Peru. Journal of Parasitology, 2018, 104, 313-318.	0.3	1

#	Article	IF	Citations
644	Impact of recent and future climate change on vectorâ€borne diseases. Annals of the New York Academy of Sciences, 2019, 1436, 157-173.	1.8	350
645	Eco-Immunology: Past, Present, and Future. , 2019, , 64-71.		3
646	Direct and indirect effects of invasive species: Biodiversity loss is a major mechanism by which an invasive tree affects ecosystem functioning. Journal of Ecology, 2019, 107, 2660-2672.	1.9	130
647	Hantavirus host assemblages and human disease in the Atlantic Forest. PLoS Neglected Tropical Diseases, 2019, 13, e0007655.	1.3	15
649	Cross-species pathogen spillover across ecosystem boundaries: mechanisms and theory. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180344.	1.8	83
650	Economics in the anthropocene: species extinction or steady state economics. Ecological Economics, 2019, 165, 106392.	2.9	13
651	Evolution and ecology of plant viruses. Nature Reviews Microbiology, 2019, 17, 632-644.	13.6	166
652	Pathogen Dynamics in an Invasive Frog Compared to Native Species. EcoHealth, 2019, 16, 222-234.	0.9	5
653	The Ecology and Phylogeny of Hosts Drive the Enzootic Infection Cycles of Hantaviruses. Viruses, 2019, 11, 671.	1.5	3
654	A novel group of avian astroviruses from Neotropical passerine birds broaden the diversity and host range of Astroviridae. Scientific Reports, 2019, 9, 9513.	1.6	27
655	Comparative leucocyte populations between two sympatric carnivores (Nasua narica and Procyon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		3
656	Evidence that Passerine Birds Act as Amplifying Hosts for Usutu Virus Circulation. EcoHealth, 2019, 16, 734-742.	0.9	20
657	Impacts of environmental and socio-economic factors on emergence and epidemic potential of Ebola in Africa. Nature Communications, 2019, 10, 4531.	5.8	63
658	Ecosystems and human health: The local benefits of forest cover in Indonesia. Journal of Environmental Economics and Management, 2019, 98, 102271.	2.1	40
659	Incorporating Health Outcomes into Land-Use Planning. EcoHealth, 2019, 16, 627-637.	0.9	7
660	Measuring the shape of the biodiversity-disease relationship across systems reveals new findings and key gaps. Nature Communications, 2019, 10, 5032.	5.8	54
661	Zoonotic Pathogen Seroprevalence in Cattle in a Wildlifeâ€"Livestock Interface, Kenya. EcoHealth, 2019, 16, 712-725.	0.9	20
662	Conservation of Endophyte Bacterial Community Structure Across Two Panicum Grass Species. Frontiers in Microbiology, 2019, 10, 2181.	1.5	19

#	Article	IF	Citations
663	Land Use Change Increases Wildlife Parasite Diversity in Anamalai Hills, Western Ghats, India. Scientific Reports, 2019, 9, 11975.	1.6	19
664	Habitat disturbance and the organization of bacterial communities in Neotropical hematophagous arthropods. PLoS ONE, 2019, 14, e0222145.	1.1	7
665	Multi-scale patterns of tick occupancy and abundance across an agricultural landscape in southern Africa. PLoS ONE, 2019, 14, e0222879.	1.1	7
667	Agricultural land-uses consistently exacerbate infectious disease risks in Southeast Asia. Nature Communications, 2019, 10, 4299.	5.8	65
668	The Role of Ecological Linkage Mechanisms in Plasmodium knowlesi Transmission and Spread. EcoHealth, 2019, 16, 594-610.	0.9	25
669	Effects of antibiotic residues in milk on growth, ruminal fermentation, and microbial community of preweaning dairy calves. Journal of Dairy Science, 2019, 102, 2298-2307.	1.4	27
670	Urbanization and tick parasitism in birds of coastal southeastern Virginia. Journal of Wildlife Management, 2019, 83, 975-984.	0.7	4
671	In Pursuit of Urban Sustainability: Predicting Public Perceptions of Park Biodiversity Using Simple Assessment Tools. International Journal of Environmental Research, 2019, 13, 707-720.	1.1	5
672	Biodiversity and Health in the Face of Climate Change: Implications for Public Health. , 2019, , 251-281.		5
673	Absence of paramyxovirus RNA in non-human primate sanctuaries and a primatology center in Gabon. Journal of Epidemiological Research, 2019, 5, 6.	0.6	2
674	Human plague system associated with rodent diversity and other environmental factors. Royal Society Open Science, 2019, 6, 190216.	1.1	12
675	Traits Shared by Marine Megafauna and Their Relationships With Ecosystem Functions and Services. Frontiers in Marine Science, 2019, 6, .	1.2	39
676	Landscape pattern change in Marakan protected area, Iran. Regional Environmental Change, 2019, 19, 1683-1699.	1.4	14
677	Prevalence of <i>Borrelia burgdorferi</i> in ticks and rodents in western Maryland. Journal of Vector Ecology, 2019, 44, 201-204.	0.5	3
678	Molecular evidence of Borrelia burgdorferi sensu stricto and Rickettsia massiliae in ticks collected from a domestic-wild carnivore interface in Chihuahua, Mexico. Ticks and Tick-borne Diseases, 2019, 10, 1118-1123.	1.1	25
679	Cattle grazing alters the interaction of seed-borne fungi and two foliar pathogens of Leymus chinensis in a meadow steppe. European Journal of Plant Pathology, 2019, 155, 207-218.	0.8	8
680	Alzheimer's disease and symbiotic microbiota: an evolutionary medicine perspective. Annals of the New York Academy of Sciences, 2019, 1449, 3-24.	1.8	45
681	The Kendrick modelling platform: language abstractions and tools for epidemiology. BMC Bioinformatics, 2019, 20, 312.	1.2	7

#	Article	IF	Citations
682	Living with plague: Lessons from the Soviet Unionâ€™s antiplague system. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9155-9163.	3.3	31
683	Forest disturbance and vector transmitted diseases in the lowland tropical rainforest of central Panama. Tropical Medicine and International Health, 2019, 24, 849-861.	1.0	16
684	Distribution and Ecological Drivers of Spotted Fever Group Rickettsia in Asia. EcoHealth, 2019, 16, 611-626.	0.9	32
685	Climate and land-use change homogenise terrestrial biodiversity, with consequences for ecosystem functioning and human well-being. Emerging Topics in Life Sciences, 2019, 3, 207-219.	1.1	59
686	Urbanization effects on dung beetle assemblages in a tropical city. Ecological Indicators, 2019, 103, 665-675.	2.6	38
687	Tree diversity regulates forest pest invasion. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7382-7386.	3.3	73
688	CRISPR-Cas immunity leads to a coevolutionary arms race between <i>Streptococcus thermophilus</i> and lytic phage. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180098.	1.8	45
689	Landscape Dynamics and the Control of Infectious Diseases: The Question of Integrating Health into Coviability. , 2019, , 61-76.		1
690	Intercropping cereals with faba bean reduces plant disease incidence regardless of fertilizer input; a meta-analysis. European Journal of Plant Pathology, 2019, 154, 931-942.	0.8	81
691	High burdens of Ixodes scapularis larval ticks on white-tailed deer may limit Lyme disease risk in a low biodiversity setting. Ticks and Tick-borne Diseases, 2019, 10, 258-268.	1.1	36
692	Urban freshwaters, biodiversity, and human health and wellâ€being: Setting an interdisciplinary research agenda. Wiley Interdisciplinary Reviews: Water, 2019, 6, e1339.	2.8	20
693	Disease Incidence in Sugar Beet Fields Is Correlated with Microbial Diversity and Distinct Biological Markers. Phytobiomes Journal, 2019, 3, 22-30.	1.4	47
694	What is the evidence that ecosystem components or functions have an impact on infectious diseases? A systematic review protocol. Environmental Evidence, 2019, 8, .	1.1	3
695	Syndromic Surveillance of Respiratory Disease in Free-Living Chimpanzees. EcoHealth, 2019, 16, 275-286.	0.9	7
696	Leptospiraspp., rotavirus, norovirus, and hepatitis E virus surveillance in a wild invasive goldenâ€headed lion tamarin (Leontopithecus chrysomelas; Kuhl, 1820) population from an urban park in NiterÃ³i, Rio de Janeiro, Brazil. American Journal of Primatology, 2019, 81, e22961.	0.8	10
697	Direct and indirect effects of forest microclimate on pathogen spillover. Ecology, 2019, 100, e02686.	1.5	11
698	Metagenomic Approach to Characterizing Disease Epidemiology in a Disease-Endemic Environment in Northern Thailand. Frontiers in Microbiology, 2019, 10, 319.	1.5	34
699	Inhibitors of signal peptide peptidase and subtilisin/kexin-isozyme 1 inhibit Ebola virus glycoprotein-driven cell entry by interfering with activity and cellular localization of endosomal cathepsins. PLoS ONE, 2019, 14, e0214968.	1.1	5

#	Article	IF	Citations
700	Comparative analysis of the rhizomicrobiome of the wild versus cultivated crop: insights from rice and soybean. Archives of Microbiology, 2019, 201, 879-888.	1.0	22
701	Local host-tick coextinction in neotropical forest fragments. International Journal for Parasitology, 2019, 49, 225-233.	1.3	20
702	Consumer-resource coexistence as a means of reducing infectious disease. Journal of Biological Dynamics, 2019, 13, 177-191.	0.8	6
703	The ecological dynamics of hantavirus diseases: From environmental variability to disease prevention largely based on data from China. PLoS Neglected Tropical Diseases, 2019, 13, e0006901.	1.3	58
704	Threatened Hosts, Threatened Parasites?. , 2019, , 141-164.		2
705	Evolving Food Safety Pressures in California's Central Coast Region. Frontiers in Sustainable Food Systems, 2019, 3, .	1.8	25
706	Forest loss shapes the landscape suitability of Kyasanur Forest disease in the biodiversity hotspots of the Western Ghats, India. International Journal of Epidemiology, 2019, 48, 1804-1814.	0.9	14
707	Interactions between Invasive Monk Parakeets (Myiopsitta monachus) and Other Bird Species during Nesting Seasons in Santiago, Chile. Animals, 2019, 9, 923.	1.0	16
708	Infection and invasion: study cases from aquatic communities. , 2019, , 262-295.		4
709	Impact of deforestation on the abundance, diversity, and richness of <i>Culex</i> mosquitoes in a southwest Cameroon tropical rainforest. Journal of Vector Ecology, 2019, 44, 271-281.	0.5	17
710	Distinct effects of acute versus chronic corticosterone exposure on Zebra finch responses to West Nile virus. , 2019, 7, coz094.		7
711	The World's Worst Problems. , 2019, , .		7
712	Healthy herds or predator spreaders? Insights from the plankton into how predators suppress and spread disease. , 2019, , 458-479.		7
713	A Planetary Health Perspective on Agroforestry in Sub-Saharan Africa. One Earth, 2019, 1, 330-344.	3.6	62
714	Genetic resistance and specificity in sister taxa of Daphnia: insights from the range of host susceptibilities. Parasites and Vectors, 2019, 12, 545.	1.0	9
715	Biodiversityâ€™s contributions to sustainable development. Nature Sustainability, 2019, 2, 1083-1093.	11.5	109
716	Vector-borne parasite invasion in communities across space and time. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20192614.	1.2	7
717	Trypanosoma cruzi transmission dynamics in a synanthropic and domesticated host community. PLoS Neglected Tropical Diseases, 2019, 13, e0007902.	1.3	29

#	Article	IF	Citations
718	Bacterial biodiversity drives the evolution of CRISPR-based phage resistance. Nature, 2019, 574, 549-552.	13.7	93
719	Fungal pathogens pose a potential threat to animal and plant health in desertified and pika-burrowed alpine meadows on the Tibetan Plateau. Canadian Journal of Microbiology, 2019, 65, 365-376.	0.8	7
720	Direct and indirect effects of a common cyanobacterial toxin on amphibian-trematode dynamics. Chemosphere, 2019, 220, 731-737.	4.2	6
721	One Health as a moral dilemma: Towards a socially responsible zoonotic disease control. Zoonoses and Public Health, 2019, 66, 26-34.	0.9	33
723	Evolutionary and ecological insights into the emergence of arthropod-borne viruses. Acta Tropica, 2019, 190, 52-58.	0.9	19
724	How Individual Variation in Host Tolerance Affects Competence to Transmit Parasites. Physiological and Biochemical Zoology, 2019, 92, 49-57.	0.6	24
725	Non-host organisms impact transmission at two different life stages in a marine parasite. Parasitology Research, 2019, 118, 111-117.	0.6	16
726	Earth observation for public health: Biodiversity change and emerging disease surveillance. Acta Astronautica, 2019, 160, 433-441.	1.7	2
727	Competent Hosts and Endemicity of Multi-Host Vector-Borne Diseases. Bulletin of Mathematical Biology, 2019, 81, 4470-4483.	0.9	0
728	Defuse the dilution effect debate. Nature Ecology and Evolution, 2019, 3, 145-146.	3.4	31
729	Viral transmission in honey bees and native bees, supported by a global black queen cell virus phylogeny. Environmental Microbiology, 2019, 21, 972-983.	1.8	38
730	Plant compartment and genetic variation drive microbiome composition in switchgrass roots. Environmental Microbiology Reports, 2019, 11, 185-195.	1.0	65
731	The United States Agency for International Development Emerging Pandemic Threats PREDICT Projectâ€"Global Detection of Emerging Wildlife Viral Zoonoses. , 2019, , 110-116.		3
732	Land-Use Change Alters Host and Vector Communities and May Elevate Disease Risk. EcoHealth, 2019, 16, 647-658.	0.9	33
733	Amphibian Host and Skin Microbiota Response to a Common Agricultural Antimicrobial and Internal Parasite. Microbial Ecology, 2020, 79, 175-191.	1.4	15
734	Arctic Tundra Mammals. , 2020, , 356-373.		3
735	Occurrence of Gastrointestinal Parasites in Small Mammals from Germany. Vector-Borne and Zoonotic Diseases, 2020, 20, 125-133.	0.6	4
736	Impact of the invasive alien topmouth gudgeon (Pseudorasbora parva) and its associated parasite Sphaerothecum destruens on native fish species. Biological Invasions, 2020, 22, 587-601.	1.2	24

#	Article	IF	Citations
737	Bushmeat hunting and trade in Myanmarâ€™s central teak forests: Threats to biodiversity and human livelihoods. Global Ecology and Conservation, 2020, 22, e00889.	1.0	9
738	Hantavirus infection and biodiversity in the Americas. Oecologia, 2020, 192, 169-177.	0.9	19
739	Integrative concepts and practices of health in transdisciplinary social ecology. Socio-Ecological Practice Research, 2020, 2, 71-90.	0.9	24
740	Towards common ground in the biodiversityâ€"disease debate. Nature Ecology and Evolution, 2020, 4, 24-33.	3.4	170
741	Patterns, Drivers, and Challenges of Vector-Borne Disease Emergence. Vector-Borne and Zoonotic Diseases, 2020, 20, 159-170.	0.6	74
742	Hantavirus antibodies among phyllostomid bats from the arc of deforestation in Southern Amazonia, Brazil. Transboundary and Emerging Diseases, 2020, 67, 1045-1051.	1.3	9
745	Improvement and Application of qPCR (Real-Time Quantitative Polymerase Chain Reaction) Data Processing Method for Home-Made Integrated Nucleic Acid Detection System. Journal of Nanoscience and Nanotechnology, 2020, 20, 7369-7375.	0.9	5
746	Spatial epidemiology of yellow fever: Identification of determinants of the 2016-2018 epidemics and at-risk areas in Brazil. PLoS Neglected Tropical Diseases, 2020, 14, e0008691.	1.3	23
747	Species distribution patterns and the scale of host interactions quantitatively but not qualitatively affect the diversityâ€"disease relationship. Ecological Modelling, 2020, 435, 109268.	1.2	0
748	A Review of Pathogen Transmission at the Backyard Chickenâ€"Wild Bird Interface. Frontiers in Veterinary Science, 2020, 7, 539925.	0.9	28
749	What can we learn from previous pandemics to reduce the frequency of emerging infectious diseases like COVID-19?. Global Transitions, 2020, 2, 202-220.	1.6	56
750	Pandemics and the future of human-landscape interactions. Anthropocene, 2020, 31, 100256.	1.6	24
751	Species. , 2020, , 47-113.		0
752	Populations. , 2020, , 114-224.		0
753	Waterborne Disease. , 2020, , 225-339.		0
754	Afterthoughts and Outlook. , 2020, , 340-361.		0
757	Dominant bee species and floral abundance drive parasite temporal dynamics in plant-pollinator communities. Nature Ecology and Evolution, 2020, 4, 1358-1367.	3.4	71
758	Fast recovery of house infestation with Triatoma brasiliensis after residual insecticide spraying in a semiarid region of Northeastern Brazil. PLoS Neglected Tropical Diseases, 2020, 14, e0008404.	1.3	12

#	Article	IF	Citations
759	Ecosystem perspectives are needed to manage zoonotic risks in a changing climate. BMJ, The, 2020, 371, m3389.	3.0	55
760	A Moment of Intersecting Crises: Climate Justice in the Era of Coronavirus. Development, 2020, 63, 257-261.	0.5	1
761	Plague reservoir species throughout the world. Integrative Zoology, 2021, 16, 820-833.	1.3	35
762	New putative animal reservoirs of SARS-CoV-2 in Italian fauna: A bioinformatic approach. Heliyon, 2020, 6, e05430.	1.4	9
763	Large herbivore loss has complex effects on mosquito ecology and vectorâ€borne disease risk. Transboundary and Emerging Diseases, 2021, 68, 2503-2513.	1.3	10
764	Emerging diseases, livestock expansion and biodiversity loss are positively related at global scale. Biological Conservation, 2020, 248, 108707.	1.9	64
765	Nairobi Sheep Disease Virus: A Historical and Epidemiological Perspective. Frontiers in Veterinary Science, 2020, 7, 419.	0.9	28
766	Impact of Winter Cover Crop Usage in Soilborne Disease Suppressiveness in Woody Ornamental Production System. Agronomy, 2020, 10, 995.	1.3	9
767	Zoonotic host diversity increases in human-dominated ecosystems. Nature, 2020, 584, 398-402.	13.7	475
768	Human practices promote presence and abundance of disease-transmitting mosquito species. Scientific Reports, 2020, 10, 13543.	1.6	17
769	Diversity analysis and an updated list of mosquitoes (Diptera: Culicidae) found in Cantareira State Park, SÃ£o Paulo, Brazil. Acta Tropica, 2020, 212, 105669.	0.9	9
770	COVID-19: Why Declining Biodiversity Puts Us at Greater Risk for Emerging Infectious Diseases, and What We Can Do. Journal of General Internal Medicine, 2020, 35, 2746-2747.	1.3	12
771	The Effect of Phenoloxidase Activity on Survival Is Host Plant Dependent in Virus-Infected Caterpillars. Journal of Insect Science, 2020, 20, .	0.6	9
772	Impact of Land Use Changes and Habitat Fragmentation on the Eco-epidemiology of Tick-Borne Diseases. Journal of Medical Entomology, 2021, 58, 1546-1564.	0.9	82
773	COVID19: an announced pandemic. Cell Death and Disease, 2020, 11, 799.	2.7	59
774	Advances in Antiviral Material Development. ChemPlusChem, 2020, 85, 2105-2128.	1.3	27
775	Applying optimal control theory to a spatial simulation model of sudden oak death: ongoing surveillance protects tanoak while conserving biodiversity. Journal of the Royal Society Interface, 2020, 17, 20190671.	1.5	15
776	The cycle of distrust in health policy and behavior: Lessons learned from the Negev Bedouin. PLoS ONE, 2020, 15, e0237734.	1.1	20

#	Article	IF	Citations
777	A cosmopolitan fungal pathogen of dicots adopts an endophytic lifestyle on cereal crops and protects them from major fungal diseases. ISME Journal, 2020, 14, 3120-3135.	4.4	57
778	Biodiversity loss underlies the dilution effect of biodiversity. Ecology Letters, 2020, 23, 1611-1622.	3.0	74
779	Convention on Biological Diversity: A Review of the Post-2020 Global Biodiversity Framework Working Group Negotiations. Environmental Policy and Law, 2020, 50, 55-59.	0.2	9
780	Assemblage variation of mosquitoes (Diptera: Culicidae) in different land use and activity periods within a lowland tropical forest matrix in Campeche, Mexico. Journal of Vector Ecology, 2020, 45, 188-196.	0.5	5
781	Secondary Metabolite Differences between Naturally Grown and Conventional Coarse Green Tea. Agriculture (Switzerland), 2020, 10, 632.	1.4	2
782	Transdisciplinary Research Priorities for Human and Planetary Health in the Context of the 2030 Agenda for Sustainable Development. International Journal of Environmental Research and Public Health, 2020, 17, 8890.	1.2	41
783	The Relevance of Complementary and Integrative Medicine in the COVID-19 Pandemic: A Qualitative Review of the Literature. Frontiers in Medicine, 2020, 7, 587749.	1.2	36
784	Association between predator species richness and human hantavirus infection emergence in Brazil. One Health, 2020, 11, 100196.	1.5	3
785	Emergence of zoonoses such as COVID-19 reveals the need for health sciences to embrace an explicit eco-social conceptual framework of health and disease. Epidemics, 2020, 33, 100410.	1.5	9
786	Experimental infection of bumblebees with honeybee-associated viruses: no direct fitness costs but potential future threats to novel wild bee hosts. Royal Society Open Science, 2020, 7, 200480.	1.1	24
787	Rationale, experience and ethical considerations underpinning integrated actions to further global goals for health and land biodiversity in Papua New Guinea. Sustainability Science, 2020, 15, 1653-1664.	2.5	6
788	SARS-CoV-2 and COVID-19: A genetic, epidemiological, and evolutionary perspective. Infection, Genetics and Evolution, 2020, 84, 104384.	1.0	115
789	The Forrest Gump approach to preventing severe COVID-19 â€“ reverse the predisposing pro-inflammatory state with exercise. Microbes and Infection, 2020, 22, 151-153.	1.0	11
790	COVIDâ€19, internists and resilience: the northâ€south Italy outbreak. European Journal of Clinical Investigation, 2020, 50, e13299.	1.7	13
791	Leptospira interrogans in wild Boa constrictor snakes from Northeast Brazil periâ€urban rainforest fragments. Acta Tropica, 2020, 209, 105572.	0.9	8
792	Response of Plant Fungal Diseases to Beef Cattle Grazing Intensity in Hulunber Grassland. Plant Disease, 2020, 104, 2905-2913.	0.7	8
793	Landscape epidemiology of ash dieback. Journal of Ecology, 2020, 108, 1789-1799.	1.9	22
794	COVID-19 recovery can benefit biodiversity. Science, 2020, 368, 838-839.	6.0	35

#	Article	IF	Citations
795	Public Interest in Preventive Measures of Coronavirus Disease 2019 Associated With Timely Issuance of Statewide Stay-at-Home Orders. Disaster Medicine and Public Health Preparedness, 2020, 14, 765-768.	0.7	9
796	Fixing our global agricultural system to prevent the next COVID-19. Outlook on Agriculture, 2020, 49, 111-118.	1.8	36
797	Host phenologies and the life history of horsehair worms (Nematomorpha, Gordiida) in a mountain stream in northern Japan. Ecological Research, 2020, 35, 482-493.	0.7	7
798	Towards a mechanistic understanding of competence: a missing link in diversityâ€"disease research. Parasitology, 2020, 147, 1159-1170.	0.7	47
799	Modulation of Gut Microbiota, Short-Chain Fatty Acid Production, and Inflammatory Cytokine Expression in the Cecum of Porcine Deltacoronavirus-Infected Chicks. Frontiers in Microbiology, 2020, 11, 897.	1.5	17
800	Community and neighbourhood tree species richness effects on fungal species in leaf litter. Fungal Ecology, 2020, 47, 100961.	0.7	6
801	Community context for mechanisms of disease dilution: insights from linking epidemiology and plantâ€"soil feedback theory. Annals of the New York Academy of Sciences, 2020, 1469, 65-85.	1.8	16
802	Teaching about Animals: Incorporating Nonhuman Animals into Sociology Classrooms. Teaching Sociology, 2020, 48, 120-139.	0.6	3
803	Sustainable development must account for pandemic risk. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3888-3892.	3.3	223
804	Do soilâ€borne fungal pathogens mediate plant diversityâ€"productivity relationships? Evidence and future opportunities. Journal of Ecology, 2020, 108, 1810-1821.	1.9	49
805	Untapped potential: The utility of drylands for testing eco-evolutionary relationships between hosts and parasites. International Journal for Parasitology: Parasites and Wildlife, 2020, 12, 291-299.	0.6	2
806	The Role of Vector Trait Variation in Vector-Borne Disease Dynamics. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	57
807	Effect of introduced parasites on the survival and microbiota of nestling cactus finches (Geospiza) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	6
808	The scale affects our view on the identification and distribution of microbial communities in ticks. Parasites and Vectors, 2020, 13, 36.	1.0	36
809	Ecological Fallacy and Aggregated Data: A Case Study of Fried Chicken Restaurants, Obesity and Lyme Disease. EcoHealth, 2020, 17, 4-12.	0.9	19
810	Biodiversity, Infectious Diseases, and the Dilution Effect. Environmental Modeling and Assessment, 2020, 25, 277-292.	1.2	2
811	Detection of spatiotemporal variation in ranavirus distribution using eDNA. Environmental DNA, 2020, 2, 210-220.	3.1	19
812	Effects of invasive larval bullfrogs (Rana catesbeiana) on disease transmission, growth and survival in the larvae of native amphibians. Biological Invasions, 2020, 22, 1771-1784.	1.2	6

#	Article	IF	Citations
813	Occurrence of honey bee-associated pathogens in Varroa-free pollinator communities. Journal of Invertebrate Pathology, 2020, 171, 107344.	1.5	19
814	Systemic collapse of a host-parasite trematode network associated with wetland birds in Europe. Parasitology Research, 2020, 119, 935-945.	0.6	15
815	A Review of Potential Public Health Impacts Associated With the Global Dairy Sector. GeoHealth, 2020, 4, e2019GH000213.	1.9	28
816	Geostatistical mapping and quantitative source apportionment of potentially toxic elements in top- and sub-soils: A case of suburban area in Beijing, China. Ecological Indicators, 2020, 112, 106085.	2.6	29
817	A nonâ€vector herbivore indirectly increases the transmission of a vectorâ€borne virus by reducing plant chemical defences. Functional Ecology, 2020, 34, 1091-1101.	1.7	14
818	Dilution effect of plant diversity on infectious diseases: latitudinal trend and biological context dependence. Oikos, 2020, 129, 457-465.	1.2	47
819	Parasite-host specificity: A cross-infection study of the parasite Ophryocystis elektroscirrha. Journal of Invertebrate Pathology, 2020, 170, 107328.	1.5	7
820	Synergistic Chinaâ€"US Ecological Research is Essential for Global Emerging Infectious Disease Preparedness. EcoHealth, 2020, 17, 160-173.	0.9	30
821	Eating Bushmeat Improves Food Security in a Biodiversity and Infectious Disease â€œHotspotâ€. EcoHealth, 2020, 17, 125-138.	0.9	40
822	Landscape simplification shapes pathogen prevalence in plantâ€pollinator networks. Ecology Letters, 2020, 23, 1212-1222.	3.0	58
823	Megafauna decline have reduced pathogen dispersal which may have increased emergent infectious diseases. Ecography, 2020, 43, 1107-1117.	2.1	12
824	Systematic Review of Important Viral Diseases in Africa in Light of the â€˜One Healthâ€™ Concept. Pathogens, 2020, 9, 301.	1.2	54
825	Crop wild relatives: know how past and present to improve future research, conservation and utilization strategies, especially in Italy: a review. Genetic Resources and Crop Evolution, 2020, 67, 1067-1105.	0.8	35
826	Detection of novel coronaviruses in bats in Myanmar. PLoS ONE, 2020, 15, e0230802.	1.1	72
827	Molecular and Serological Survey of the Cat-Scratch Disease Agent (Bartonella henselae) in Free-Ranging Leopardus geoffroyi and Leopardus wiedii (Carnivora: Felidae) From Pampa Biome, Brazil. Microbial Ecology, 2021, 81, 483-492.	1.4	3
828	Single dominant diatom can host diverse parasitic fungi with different degree of host specificity. Limnology and Oceanography, 2021, 66, 667-677.	1.6	16
829	Fast-lived Hosts and Zoonotic Risk. Trends in Parasitology, 2021, 37, 117-129.	1.5	35
830	<i>Toxoplasma gondii</i> infection in Colombia with a review of hosts and their ecogeographic distribution. Zoonoses and Public Health, 2021, 68, 38-53.	0.9	5

#	Article	IF	Citations
831	Tackling zoonoses in a crowded world: Lessons to be learned from the COVID-19 pandemic. Acta Tropica, 2021, 214, 105780.	0.9	35
832	Diversity lost: COVID-19 as a phenomenon of the total environment. Science of the Total Environment, 2021, 756, 144014.	3.9	14
833	Biodiversity loss and COVID-19 pandemic: The role of bats in the origin and the spreading of the disease. Biochemical and Biophysical Research Communications, 2021, 538, 2-13.	1.0	47
834	Polymeric nanoparticle vaccines to combat emerging and pandemic threats. Biomaterials, 2021, 268, 120597.	5.7	93
835	Agricultural land use disrupts biodiversity mediation of virus infections in wild plant populations. New Phytologist, 2021, 230, 2447-2458.	3.5	26
836	Microbiota populations and short-chain fatty acids production in cecum of immunosuppressed broilers consuming diets containing Î³-irradiated Astragalus polysaccharides. Poultry Science, 2021, 100, 273-282.	1.5	35
837	Animal board invited review: OneARK: Strengthening the links between animal production science and animal ecology. Animal, 2021, 15, 100053.	1.3	2
838	Larvicidal potential of different chromatographic fractions of the n-hexane extract of Artemisia scoparia against the vector mosquito Culex quinquefasciatus. International Journal of Tropical Insect Science, 2021, 41, 897-902.	0.4	4
839	Association of the invasive Haemaphysalis longicornis tick with vertebrate hosts, other native tick vectors, and tick-borne pathogens in New York City, USA. International Journal for Parasitology, 2021, 51, 149-157.	1.3	41
840	Biodiversity conservation as infectious disease prevention: why a social-ecological perspective is essential. Global Sustainability, 2021, 4, .	1.6	5
841	An Introduction to the Economics of Natural Capital. Review of Environmental Economics and Policy, 2021, 15, 87-94.	3.1	14
842	Anthropogenic landscape decreases mosquito biodiversity and drives malaria vector proliferation in the Amazon rainforest. PLoS ONE, 2021, 16, e0245087.	1.1	23
843	Predicting the spatio-temporal spread of West Nile virus in Europe. PLoS Neglected Tropical Diseases, 2021, 15, e0009022.	1.3	33
844	Identifying associations between epidemiological entities in news data for animal disease surveillance. Artificial Intelligence in Agriculture, 2021, 5, 163-174.	4.4	4
845	Control and prevention of infectious diseases from a One Health perspective. Genetics and Molecular Biology, 2021, 44, e20200256.	0.6	38
846	Our common vulnerabilities. , 2021, , 19-63.		0
847	Backward transmission of COVID-19 from humans to animals may propagate reinfections and induce vaccine failure. Environmental Chemistry Letters, 2021, 19, 763-768.	8.3	42
848	Characterisation of Wildlife-Livestock Interfaces: The Need for Interdisciplinary Approaches and a Dedicated Thematic Field. Wildlife Research Monographs, 2021, , 339-367.	0.4	2

#	Article	IF	Citations
849	Earth Science Education as a Key Component of Education for Sustainability. Sustainability, 2021, 13, 1316.	1.6	35
850	Mining increases the prevalence of avian haemosporidian parasites in Northeast Amazonia. Parasitology Research, 2021, 120, 605-613.	0.6	2
851	The Future of the Brazilian Atlantic Forest. , 2021, , 487-503.		6
852	Zoonotic spillover: Understanding basic aspects for better prevention. Genetics and Molecular Biology, 2021, 44, e20200355.	0.6	60
853	Is Everything Marketable in International Trade? Public Health Issues in International Trade of Wildlife. , 2021, , 101-117.		0
854	First record of Ornithonyssus bursa (Berlese, 1888) (Mesostigmata: Macronyssidae) parasitizing invasive monk parakeets in Santiago, Chile. Brazilian Journal of Veterinary Parasitology, 2021, 30, e024020.	0.2	4
855	Pliant pathogens: Estimating viral spread when confronted with new vector, host, and environmental conditions. Ecology and Evolution, 2021, 11, 1877-1887.	0.8	3
856	Global health security threats and related risks in Latin America. Global Security: Health, Science and Policy, 2021, 6, 18-25.	1.0	2
857	GeoComputation and Disease Ecology. Springer Geography, 2021, , 151-220.	0.3	0
858	The value of infectious disease modeling and trend assessment: a public health perspective. Expert Review of Anti-Infective Therapy, 2021, 19, 1135-1145.	2.0	7
859	An exploration of the protective effect of rodent species richness on the geographical expansion of Lassa fever in West Africa. PLoS Neglected Tropical Diseases, 2021, 15, e0009108.	1.3	5
860	Identification of Host Bloodmeal Source in Ornithodoros turicata DugÃ¨s (Ixodida: Argasidae) Using DNA-Based and Stable Isotope-Based Techniques. Frontiers in Veterinary Science, 2021, 8, 620441.	0.9	7
861	The future is now: marine aquaculture in the anthropocene. ICES Journal of Marine Science, 2021, 78, 315-322.	1.2	17
862	Host infection and community composition predict vector burden. Oecologia, 2021, 196, 305-316.	0.9	4
863	SARS-CoV-2 Pandemic: Not the First, Not the Last. Microorganisms, 2021, 9, 433.	1.6	6
864	Quantifying Proximity, Confinement, and Interventions in Disease Outbreaks: A Decision Support Framework for Air-Transported Pathogens. Environmental Science & Technology, 2021, 55, 2890-2898.	4.6	19
865	Functional rarity and evenness are key facets of biodiversity to boost multifunctionality. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	46
867	Calicioid fungi and lichens from an unprotected intact forest ecosystem in QuÃ©bec. Ecoscience, 2021, 28, 127-136.	0.6	5

#	Article	IF	Citations
868	More diverse tree communities promote foliar fungal pathogen diversity, but decrease infestation rates per tree species, in a subtropical biodiversity experiment. Journal of Ecology, 2021, 109, 2068-2080.	1.9	15
869	Local Tree Diversity Suppresses Foliar Fungal Infestation and Decreases Morphological but Not Molecular Richness in a Young Subtropical Forest. Journal of Fungi (Basel, Switzerland), 2021, 7, 173.	1.5	5
870	Are environmental pollution and biodiversity levels associated to the spread and mortality of COVID-19? A four-month global analysis. Environmental Pollution, 2021, 271, 116326.	3.7	33
872	Application of a Genus-Specific LAMP Assay for Schistosome Species to Detect Schistosoma haematobium x Schistosoma bovis Hybrids. Journal of Clinical Medicine, 2021, 10, 1308.	1.0	4
873	Narrow and Brittle or Broad and Nimble? Comparing Adaptive Capacity in Simplifying and Diversifying Farming Systems. Frontiers in Sustainable Food Systems, 2021, 5, .	1.8	42
874	Cryptosporidium spp. and Giardia spp. in Free-Ranging Introduced Monk Parakeets from Santiago, Chile. Animals, 2021, 11, 801.	1.0	6
875	Linkages between environmental issues and zoonotic diseases: with reference to COVID-19 pandemic. Environmental Sustainability, 2021, 4, 455-467.	1.4	42
876	Twitter as a Tool for Citizen Education and Sustainable Cities after COVID-19. Sustainability, 2021, 13, 3514.	1.6	21
878	Prevention and mitigation of epidemics: Biodiversity conservation and confinement policies. Journal of Mathematical Economics, 2021, 93, 102484.	0.4	2
879	High Diversity, Prevalence, and Co-infection Rates of Tick-Borne Pathogens in Ticks and Wildlife Hosts in an Urban Area in Romania. Frontiers in Microbiology, 2021, 12, 645002.	1.5	23
880	Pollinator community species richness dilutes prevalence of multiple viruses within multiple host species. Ecology, 2021, 102, e03305.	1.5	25
881	Plant Microbiota Beyond Farming Practices: A Review. Frontiers in Sustainable Food Systems, 2021, 5, .	1.8	19
882	COVID-19 and Sustainable Food Systems: What Should We Learn Before the Next Emergency. Frontiers in Sustainable Food Systems, 2021, 5, .	1.8	52
883	The impact of COVID-19 measures on air quality in Turkey. Environmental Forensics, 2022, 23, 47-59.	1.3	10
884	Avian community composition affects ornithophilic mosquito and avian malaria turnover across an interfluvial system in southern Amazonia. Journal of Avian Biology, 2021, 52, .	0.6	2
885	Nutraceuticals Induced Changes in the Broiler Gastrointestinal Tract Microbiota. MSystems, 2021, 6, .	1.7	10
886	Land use-induced spillover: a call to action to safeguard environmental, animal, and human health. Lancet Planetary Health, The, 2021, 5, e237-e245.	5.1	154
887	What evidence exists on the impact of specific ecosystem components and functions on infectious diseases? A systematic map. Environmental Evidence, 2021, 10, .	1.1	4

#	Article	IF	Citations
888	Building up an ecologically sustainable and socially desirable post-COVID-19 future. Sustainability Science, 2021, 16, 1397-1403.	2.5	10
889	Biodiversity and Global Health: Intersection of Health, Security, and the Environment. Health Security, 2021, 19, 214-222.	0.9	5
890	Impacts of biodiversity and biodiversity loss on zoonotic diseases. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	131
891	Research priority-setting for human, plant, and animal virology: an online experience for the Virology Institute of the Philippines. Health Research Policy and Systems, 2021, 19, 70.	1.1	0
892	Diversity pattern of bats (Mammalia: Chiroptera) in a modified tropical environment in the western region of Cameroon. African Zoology, 2021, 56, 133-145.	0.2	2
893	Effects of experimental flea removal and plague vaccine treatments on survival of northern Idaho ground squirrels and two coexisting sciurids. Global Ecology and Conservation, 2021, 26, e01489.	1.0	9
894	Green Infrastructures and Grand Environmental Challenges: A Review of Research Trends by Keyword. Agronomy, 2021, 11, 782.	1.3	10
896	Interactive effects of biological, human and environmental factors on tick loads in Boran cattle in tropical drylands. Parasites and Vectors, 2021, 14, 188.	1.0	8
897	Posthuman Affirmative Business Ethics: Reimagining Humanâ€“Animal Relations Through Speculative Fiction. Journal of Business Ethics, 2022, 178, 597-608.	3.7	14
898	Problems of assessing socio-economic damage due to epidemics. Epidemiologiya I Vaktsinoprofilaktika, 2021, 20, 93-101.	0.2	1
899	Changes in human-nature relations during pandemic outbreaks: a big data analysis. Science of the Total Environment, 2021, 768, 144530.	3.9	9
900	Identification of pathogens in the invasive hornet Vespa velutina and in native Hymenoptera (Apidae,) Tj ETQq1 1 0.784314 rgBT /Overl	1.6	13
901	The effect of host community functional traits on plant disease risk varies along an elevational gradient. ELife, 2021, 10, .	2.8	14
902	The role that nature conservation can play to mitigate the spread of future infectious diseases. European Journal of Ecology, 2021, 7, .	0.1	0
903	The world needs an intergovernmental panel on pandemic risk. Nature Medicine, 2021, 27, 934-934.	15.2	2
904	Implications of Zoonoses From Hunting and Use of Wildlife in North American Arctic and Boreal Biomes: Pandemic Potential, Monitoring, and Mitigation. Frontiers in Public Health, 2021, 9, 627654.	1.3	23
905	Viewing Emerging Human Infectious Epidemics through the Lens of Invasion Biology. BioScience, 2021, 71, 722-740.	2.2	24
906	What do we still need to know about Ixodes ricinus?. Ticks and Tick-borne Diseases, 2021, 12, 101682.	1.1	49

#	Article	IF	Citations
907	COVID-19: An Outcome of Biodiversity Loss or a Conspiracy? Investigating the Attitudes of Environmental Students. Sustainability, 2021, 13, 5307.	1.6	3
908	Transient disease dynamics across ecological scales. Theoretical Ecology, 2021, 14, 625-640.	0.4	10
909	Animal board invited review: Risks of zoonotic disease emergence at the interface of wildlife and livestock systems. Animal, 2021, 15, 100241.	1.3	23
910	The two-way relationship between food systems and the COVID19 pandemic: causes and consequences. Agricultural Systems, 2021, 191, 103134.	3.2	62
911	Antroposen Ã‡aÄŸÄ±â€™nda pandemi ve kentlerin durumu. Antropoloji, 0, , .	0.2	2
912	Ten considerations for conservation policy makers for the post-COVID-19 transition. Environmental Reviews, 2021, 29, 111-118.	2.1	7
913	Landâ€use effects on mosquito biodiversity and potential arbovirus emergence in the Southern Amazon, Brazil. Transboundary and Emerging Diseases, 2022, 69, 1770-1781.	1.3	9
914	Crop protection practices and viral zoonotic risks within a One Health framework. Science of the Total Environment, 2021, 774, 145172.	3.9	12
916	Early Spread of COVID-19 in the Air-Polluted Regions of Eight Severely Affected Countries. Atmosphere, 2021, 12, 795.	1.0	20
917	Environmental degradation of indigenous protected areas of the Amazon as a slow onset event. Current Opinion in Environmental Sustainability, 2021, 50, 260-271.	3.1	8
918	Legislation advancement of one health in China in the context of the COVID-19 pandemic: From the perspective of the wild animal conservation law. One Health, 2021, 12, 100195.	1.5	10
919	A field test of the dilution effect hypothesis in four avian multi-host pathogens. PLoS Pathogens, 2021, 17, e1009637.	2.1	17
921	Invasive Burmese pythons alter host use and virus infection in the vector of a zoonotic virus. Communications Biology, 2021, 4, 804.	2.0	13
922	Livelihood Improvement through Agroforestry Compared to Conventional Farming System: Evidence from Northern Irrigated Plain, Pakistan. Land, 2021, 10, 645.	1.2	10
923	Covid, the Environment and Food Systems: Contain, Cope and Rebuild Better. Frontiers in Environmental Science, 2021, 9, .	1.5	11
924	Model analyses show how biodiversity conservation could reduce infectious diseases in an ecosystem. Natural Resource Modelling, 0, , .	0.8	0
925	An environmental measurement for a dynamic and endogenous global environmental Kuznets curve in the global context. Environmental Science and Pollution Research, 2021, 28, 65573-65594.	2.7	9
926	Plant immune systems as pests and diseases mitigation. IOP Conference Series: Earth and Environmental Science, 2021, 824, 012089.	0.2	0

#	Article	IF	Citations
927	Increasing risks for emerging infectious diseases within a rapidly changing High Asia. Ambio, 2022, 51, 494-507.	2.8	6
928	Longâ€term increases in pathogen seroprevalence in polar bears (<i>Ursus maritimus</i>) influenced by climate change. Global Change Biology, 2021, 27, 4481-4497.	4.2	18
929	Plantâ€"Soil Feedbacks and Temporal Dynamics of Plant Diversityâ€"Productivity Relationships. Trends in Ecology and Evolution, 2021, 36, 651-661.	4.2	74
930	Reemergence of Yellow Fever in Brazil: The Role of Distinct Landscape Fragmentation Thresholds. Journal of Environmental and Public Health, 2021, 2021, 1-7.	0.4	15
931	Effects of Crop Rotation on Spring Wheat Yield and Pest Occurrence in Different Tillage Systems: A Multi-Year Experiment in Finnish Growing Conditions. Frontiers in Sustainable Food Systems, 2021, 5, .	1.8	37
933	Pollution, Land Use, Biodiversity, and Health. , 2021, , 77-124.		0
934	Vector-borne zoonotic blood parasites in wildlife from Ecuador: A report and systematic review. Veterinary World, 2021, 14, 1935-1945.	0.7	1
935	The Use and Underuse of Model Systems in Infectious Disease Ecology and Evolutionary Biology. American Naturalist, 2021, 198, 69-92.	1.0	11
936	The Impact of COVIDâ€19 on Freshwater Fisheries Fieldwork and Data Collection. Fisheries, 2021, 46, 505.	0.6	1
937	No need to beat around the bushmeatâ€"The role of wildlife trade and conservation initiatives in the emergence of zoonotic diseases. Heliyon, 2021, 7, e07692.	1.4	18
938	Post <scp>COVIDâ€19</scp>: a solution scan of options for preventing future zoonotic epidemics. Biological Reviews, 2021, 96, 2694-2715.	4.7	40
939	Transmission modelling of environmentally persistent zoonotic diseases: a systematic review. Lancet Planetary Health, The, 2021, 5, e466-e478.	5.1	19
940	Construction of an index system of core competence assessment for infectious disease specialist nurse in China: a Delphi study. BMC Infectious Diseases, 2021, 21, 791.	1.3	16
941	The Context-Dependent Effects of Host Competence, Competition, and Pathogen Transmission Mode on Disease Prevalence. American Naturalist, 2021, 198, 179-194.	1.0	14
942	Flowers as dirty doorknobs: Deformed wing virus transmitted between <i>Apis mellifera</i> and <i>Bombus impatiens</i> through shared flowers. Journal of Applied Ecology, 2021, 58, 2065-2074.	1.9	29
943	Positive ecological roles of parasites. Acta Zoologica Academiae Scientiarum Hungaricae, 2021, 67, 289-300.	0.1	0
944	Managing Wildlife Disease Under Climate Change. EcoHealth, 2021, 18, 406-410.	0.9	3
945	Planetary boundaries and Veterinary Services. OIE Revue Scientifique Et Technique, 2021, 40, 439-453.	0.5	5

#	Article	IF	Citations
946	Bat virome research: the past, the present and the future. Current Opinion in Virology, 2021, 49, 68-80.	2.6	17
947	Biodiversity Conservation, Economic Growth and Sustainable Development. , 0, , .		0
948	Effects of host extinction and vector preferences on vector-borne disease risk in phylogenetically structured host-hector communities. PLoS ONE, 2021, 16, e0256456.	1.1	2
949	Phosphorus availability increases pathobiome abundance and invasion of rhizosphere microbial networks by <i>Ralstonia</i>. Environmental Microbiology, 2021, 23, 5992-6003.	1.8	28
950	A review on invasions by parasites with complex life cycles: the European strain of<i>Echinococcus multilocularis</i>in North America as a model. Parasitology, 2021, 148, 1532-1544.	0.7	9
951	Experimental evidence on sharing rules and additionality in transfer payments. Journal of Economic Behavior and Organization, 2021, 188, 1221-1247.	1.0	5
952	Emission of novel volatile biomarkers for wheat powdery mildew. Science of the Total Environment, 2021, 781, 146767.	3.9	8
953	Loss of forest cover and host functional diversity increases prevalence of avian malaria parasites in the Atlantic Forest. International Journal for Parasitology, 2021, 51, 719-728.	1.3	9
954	Understanding the transmission of Mycobacterium ulcerans: A step towards controlling Buruli ulcer. PLoS Neglected Tropical Diseases, 2021, 15, e0009678.	1.3	26
955	Coronavirus disease 2019 and its potential animal reservoirs: A review. International Journal of One Health, 0, , 171-181.	0.6	1
956	Anthropogenic Ecological Changes and Spill Over of Viruses - A Review. Current World Environment Journal, 2021, 16, 594-599.	0.2	1
957	Characterizing Enterotypes in Human Metagenomics: A Viral Perspective. Frontiers in Microbiology, 2021, 12, 740990.	1.5	4
958	Tick infestation of birds across a gradient of urbanization intensity in the United States Great Plains. Urban Ecosystems, 2022, 25, 379-391.	1.1	2
959	Free-living birds from Caatinga and Atlantic Forest of northeast Brazil as hosts of Enterobacterales, Mycoplasma spp., and Chlamydia psittaci. Ornithology Research, 2021, 29, 149-159.	0.6	0
961	Land-use change and rodent-borne diseases: hazards on the shared socioeconomic pathways. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200362.	1.8	16
962	Impact of climate change on biodiversity and food security: a global perspectiveâ€"a review article. Agriculture and Food Security, 2021, 10, .	1.6	82
963	Landscape Anthropization Affects Mosquito Diversity in a Deciduous Forest in Southeastern Mexico. Journal of Medical Entomology, 2022, 59, 248-256.	0.9	3
964	Veterinary Experiences can Inform One Health Strategies for Animal Coronaviruses. EcoHealth, 2021, 18, 301-314.	0.9	1

#	Article	IF	Citations
965	Relationship between vertical stratification and feeding habits of mosquito (Diptera: Culicidae) assemblages collected in conservation units in the green belt of the city of SÃ£o Paulo, Brazil. Acta Tropica, 2021, 221, 106009.	0.9	6
966	Dilution of Epidemic Potential of Environmentally Transmitted Infectious Diseases for Species with Partially Overlapping Habitats. American Naturalist, 2022, 199, E43-E56.	1.0	5
967	Transboundary spread of peste des petits ruminants virus in western China: A prediction model. PLoS ONE, 2021, 16, e0257898.	1.1	14
969	Dilution effects in disease ecology. Ecology Letters, 2021, 24, 2490-2505.	3.0	54
970	Parasite community structure in sympatric Bornean primates. International Journal for Parasitology, 2021, 51, 925-933.	1.3	4
971	Pathogens and disease vectors/hosts monitoring in aquatic environments: Potential of using eDNA/eRNA based approach. Science of the Total Environment, 2021, 796, 148810.	3.9	25
972	An eco-epidemiological model with social predation subject to a component Allee effect. Applied Mathematical Modelling, 2022, 101, 111-131.	2.2	9
973	Climate change: impact on waterborne infectious diseases. , 2021, , 213-228.		3
975	Impactos de mudanÃ§as do uso da terra sobre a saÃºde humana. CiÃªncia E Cultura, 2021, 73, 25-29.	0.5	0
976	Underestimating the Challenges of Avoiding a Ghastly Future. Frontiers in Conservation Science, 2021, 1, .	0.9	277
977	Multiplex detection of antibodies to Chikungunya, Oâ€™nyong-nyong, Zika, Dengue, West Nile and Usutu viruses in diverse non-human primate species from Cameroon and the Democratic Republic of Congo. PLoS Neglected Tropical Diseases, 2021, 15, e0009028.	1.3	18
978	80 questions for UK biological security. PLoS ONE, 2021, 16, e0241190.	1.1	8
980	Ecology of Lyme Disease. , 2021, , 275-285.		0
982	Coastal Ecosystems coastal ecosystem , Sustainable Management coastal ecosystem sustainable management. , 2012, , 2258-2270.		2
983	Disease Now and Potential Future Pandemics. , 2019, , 31-44.		32
984	Global Microbiome for Agroecology, Industry, and Human Well-Being: Opportunities and Challenges in Climate Change. SpringerBriefs in Ecology, 2015, , 125-152.	0.2	2
986	The Economic Value of One Health in Relation to the Mitigation of Zoonotic Disease Risks. Current Topics in Microbiology and Immunology, 2012, , 127-151.	0.7	7
987	Drivers of Emerging Zoonotic Infectious Diseases. , 2014, , 13-26.		9

#	Article	IF	Citations
988	Biodiversity and Emerging Zoonoses. , 2014, , 27-41.		10
989	Wetlands as Sites of Exposure to Water-Borne Infectious Diseases. Wetlands: Ecology, Conservation and Management, 2015, , 45-74.	0.0	5
990	Cultivar Mixtures/Multiline Cultivars. , 2017, , 259-271.		1
991	One Health. , 2014, , 364-377.		4
992	How intraguild predation affects the host diversity-disease relationship in a multihost community. Journal of Theoretical Biology, 2020, 490, 110174.	0.8	4
993	Canine babesiosis: A literature review of prevalence, distribution, and diagnosis in Latin America and the Caribbean. Veterinary Parasitology: Regional Studies and Reports, 2020, 21, 100417.	0.3	9
996	More species means less disease. Nature, 0, , .	13.7	3
1007	Surprising low diversity of the plant pathogen <i>Phytophthora</i> in Amazonian forests. Environmental Microbiology, 2020, 22, 5019-5032.	1.8	17
1008	The impact of host genetic diversity on virus evolution and emergence. Ecology Letters, 2018, 21, 253-263.	3.0	33
1009	The Value of the One Health Approach: Shifting from Emergency Response to Prevention of Zoonotic Disease Threats at Their Source. , 0, , 17-31.		3
1010	Mapping green infrastructure and socioeconomic indicators as a public management tool: the case of the municipalities of Andalusia (Spain). Environmental Sciences Europe, 2020, 32, 144.	2.6	6
1011	Biological Invasions, Climate Change, and Genomics. , 2016, , 37-70.		2
1012	Sigmodontine community and species responses to El NiÃ±o and precipitation in different levels of forest degradation. Therya, 2019, 10, 255-265.	0.2	8
1013	Characterisation of the Wildlife Reservoir Community for Human and Animal Trypanosomiasis in the Luangwa Valley, Zambia. PLoS Neglected Tropical Diseases, 2011, 5, e1211.	1.3	85
1014	Biodiversity Can Help Prevent Malaria Outbreaks in Tropical Forests. PLoS Neglected Tropical Diseases, 2013, 7, e2139.	1.3	74
1015	Bayesian Spatiotemporal Pattern and Eco-climatological Drivers of Striped Skunk Rabies in the North Central Plains. PLoS Neglected Tropical Diseases, 2016, 10, e0004632.	1.3	17
1016	Zoonoses As Ecological Entities: A Case Review of Plague. PLoS Neglected Tropical Diseases, 2016, 10, e0004949.	1.3	23
1017	Effects of land use, habitat characteristics, and small mammal community composition on Leptospira prevalence in northeast Madagascar. PLoS Neglected Tropical Diseases, 2020, 14, e0008946.	1.3	8

#	Article	IF	Citations
1018	A Suspected Parasite Spill-Back of Two Novel Myxidium spp. (Myxosporea) Causing Disease in Australian Endemic Frogs Found in the Invasive Cane Toad. PLoS ONE, 2011, 6, e18871.	1.1	49
1019	Disease Risk in Temperate Amphibian Populations Is Higher at Closed-Canopy Sites. PLoS ONE, 2012, 7, e48205.	1.1	72
1020	Species' Life-History Traits Explain Interspecific Variation in Reservoir Competence: A Possible Mechanism Underlying the Dilution Effect. PLoS ONE, 2013, 8, e54341.	1.1	77
1021	Conservation Efforts May Increase Malaria Burden in the Brazilian Amazon. PLoS ONE, 2013, 8, e57519.	1.1	54
1022	Risk of Exposure to Eastern Equine Encephalomyelitis Virus Increases with the Density of Northern Cardinals. PLoS ONE, 2013, 8, e57879.	1.1	15
1023	Usutu Virus Persistence and West Nile Virus Inactivity in the Emilia-Romagna Region (Italy) in 2011. PLoS ONE, 2013, 8, e63978.	1.1	63
1024	Identification of Hotspots in the European Union for the Introduction of Four Zoonotic Arboviroses by Live Animal Trade. PLoS ONE, 2013, 8, e70000.	1.1	23
1025	Tuberculosis Epidemiology in Islands: Insularity, Hosts and Trade. PLoS ONE, 2013, 8, e71074.	1.1	12
1026	The Effects of Host Diversity on Vector-Borne Disease: The Conditions under Which Diversity Will Amplify or Dilute the Disease Risk. PLoS ONE, 2013, 8, e80279.	1.1	53
1027	High-Throughput Sequence Typing Reveals Genetic Differentiation and Host Specialization among Populations of the Borrelia burgdorferi Species Complex that Infect Rodents. PLoS ONE, 2014, 9, e88581.	1.1	26
1028	Infectious Diseases and Their Outbreaks in Asia-Pacific: Biodiversity and Its Regulation Loss Matter. PLoS ONE, 2014, 9, e90032.	1.1	79
1029	The Scaling of Host Density with Richness Affects the Direction, Shape, and Detectability of Diversity-Disease Relationships. PLoS ONE, 2014, 9, e97812.	1.1	59
1030	Bat Distribution Size or Shape as Determinant of Viral Richness in African Bats. PLoS ONE, 2014, 9, e100172.	1.1	53
1031	Competition and Facilitation between a Disease and a Predator in a Stunted Prey Population. PLoS ONE, 2015, 10, e0132251.	1.1	2
1032	Better Alone or in Ill Company? The Effect of Migration and Inter-Species Comingling on Fascioloides magna Infection in Elk. PLoS ONE, 2016, 11, e0159319.	1.1	15
1033	The effects of demographic, social, and environmental characteristics on pathogen prevalence in wild felids across a gradient of urbanization. PLoS ONE, 2017, 12, e0187035.	1.1	10
1034	Global discovery of human-infective RNA viruses: A modelling analysis. PLoS Pathogens, 2020, 16, e1009079.	2.1	14
1035	HOW SPECIES DIVERSITY COULD REDUCE THE PREVALENCE OF INFECTIOUS DISEASES. Applied Ecology and Environmental Research, 2018, 16, 1621-1638.	0.2	2

#	Article	IF	Citations
1036	Beyond diversity loss and climate change: Impacts of Amazon deforestation on infectious diseases and public health. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20191375.	0.3	176
1037	Chagas disease in the context of the 2030 agenda: global warming and vectors. Memorias Do Instituto Oswaldo Cruz, 0, 117, .	0.8	8
1038	Brucellosis: "One Health" challenges and opportunities. OIE Revue Scientifique Et Technique, 2013, 32, 271-278.	0.5	33
1039	The integration of biodiversity into One Health. OIE Revue Scientifique Et Technique, 2014, 33, 487-496.	0.5	13
1040	Epidemiological surveillance methods for vector-borne diseases. OIE Revue Scientifique Et Technique, 2015, 34, 235-247.	0.5	15
1041	Electoral Repercussions of a Pandemic: Evidence from the 2009 H1N1 Outbreak. SSRN Electronic Journal, 0, , .	0.4	1
1042	Is Global Deforestation under Lockdown?. SSRN Electronic Journal, 0, , .	0.4	3
1043	Epidemiology of Lyme Disease in Domestic and Wild Animals. Open Dermatology Journal, 2016, 10, 15-26.	0.5	6
1044	Ectoparasites associated with a Great Horned Owl nesting population in fragmented landscape of Baja California peninsula, MÃ©xico. Acta ZoolÃ³gica Mexicana, 0, 34, 1-15.	1.1	4
1045	Editorial Essay: COVID-19 and protected and conserved areas. Parks, 2020, , 7-24.	1.2	78
1046	Imported chikungunya cases in an area newly colonised by Aedes albopictus: mathematical assessment of the best public health strategy. Eurosurveillance, 2016, 21, .	3.9	6
1047	Incidence and hospitalisation rates of Lyme borreliosis, France, 2004 to 2012. Eurosurveillance, 2014, 19, .	3.9	56
1049	Environmental Change and the Emergence of Infectious Diseases. Health Information Systems and the Advancement of Medical Practice in Developing Countries, 2017, , 109-137.	0.1	3
1050	Emergence of Diverse Microbes on Application of Biofilmed Biofertilizers to a Maize Growing Soil. Ceylon Journal of Science (Biological Sciences), 2014, 42, 87-94.	0.2	12
1051	Governance and the promotion of sustainable and healthy territories: the experience of Bocaina, Brazil. Journal of Integrated Coastal Zone Management, 2016, 16, 57-69.	0.2	7
1052	Mycobacterium ulcerans dynamics in aquatic ecosystems are driven by a complex interplay of abiotic and biotic factors. ELife, 2015, 4, e07616.	2.8	29
1053	Tropical peatlands and their conservation are important in the context of COVID-19 and potential future (zoonotic) disease pandemics. PeerJ, 2020, 8, e10283.	0.9	13
1054	Epidemiology of the zoonotic malaria Plasmodium knowlesi in changing landscapes. Advances in Parasitology, 2021, 113, 225-286.	1.4	19

#	Article	IF	Citations
1055	Emerging and Re-emerging Vector-Borne Infectious Diseases and the Challenges for Control: A Review. Frontiers in Public Health, 2021, 9, 715759.	1.3	92
1056	Substitution of social sustainability concerns under the Covid-19 pandemic. Ecological Economics, 2022, 192, 107259.	2.9	5
1057	Winter Rye Cover Cropping Changes Squash (<i>Cucurbita pepo</i>) Phyllosphere Microbiota and Reduces <i>Pseudomonas syringae</i> Symptoms. Phytobiomes Journal, 2022, 6, 3-12.	1.4	2
1058	Human density is associated with the increased prevalence of a generalist zoonotic parasite in mammalian wildlife. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211724.	1.2	7
1059	Epidemics and pandemics: Is human overpopulation the elephant in the room?. Ethics, Medicine and Public Health, 2021, 19, 100728.	0.5	6
1060	Global forces of change: Implications for forest-poverty dynamics. Forest Policy and Economics, 2021, 133, 102607.	1.5	11
1061	No safe haven for amphibians. Nature, 0, , .	13.7	0
1063	Ecosystem ecosystem Services ecosystem service. , 2012, , 3313-3326.		0
1064	Wildlife: The Need to Better Understand the Linkages. Current Topics in Microbiology and Immunology, 2012, , 101-125.	0.7	1
1065	Natural Value Starting from People. The International Library of Environmental, Agricultural and Food Ethics, 2012, , 349-510.	0.1	0
1068	Complex Indoor Communities. , 2013, , 1-7.		0
1071	La biodiversitÃ©, de lâ€™ocÃ©an Ã la citÃ©. , 2014, , .		1
1072	Coral disease distribution at Ras Mohammed and the Gulf of Aqaba, Red Sea, Egypt. Nusantara Bioscience, 2016, 5, .	0.2	1
1074	Biodiversity and its Role on Diseases Transmission Cycles. Springer Proceedings in Mathematics and Statistics, 2015, , 247-256.	0.1	0
1076	The Impacts of Biotechnology on Biodiversity in Global Health: A Case Study on Avian Influenza in Bangladesh. International Journal of Public Health Science, 2015, 4, 102.	0.1	0
1078	Magneto Actuated Biosensors for Foodborne Pathogens and Infection Diseases Affecting Global Health. Advanced Sciences and Technologies for Security Applications, 2016, , 83-114.	0.4	1
1079	Wetland Pest and Disease Regulation. , 2016, , 1-9.		0
1080	1. Introduction: choosing a One Health approach for the control of Lyme borreliosis. Ecology and Control of Vector-Borne Diseases, 2016, , 11-18.	0.3	0

#	Article	IF	Citations
1081	Biodiversity and Human Health â˜†. , 2017, , .		1
1086	Wetland Pest and Disease Regulation. , 2018, , 1253-1260.		0
1087	Gesund dank BiodiversitÃt. , 2018, , 189-201.		0
1091	First Record of Limatus durhamii Theobald (Diptera: Culicidae) in Campeche, Mexico. Florida Entomologist, 2018, 101, 712.	0.2	2
1093	Global Emerging Pathogens, Poverty and Vulnerability: An Ethical Analysis. , 2019, , 243-253.		4
1101	Ecosystems, Stable and Sustainable. , 2020, , 719-724.		0
1102	Lâ€™Ã©pidÃ©mie, dÃ©sordre nÃ©cessaire Ã la lÃ©gitimation des pouvoirs. Eduquer, 2020, , .	0.0	0
1103	Analysis on KOICAâ€™s Environmental Mainstreaming: Focused on Its Organization and Institutions. Journal of International Development Cooperation, 2020, 15, 49-83.	0.2	0
1104	Disease, disaster and the internet: Reconceptualizing environmental hazards in the time of coronavirus. Journal of Environmental Media, 2020, 1, 10.1-10.8.	0.1	2
1105	Bats and COVID-19: villains or victims?. Biota Neotropica, 2020, 20, .	0.2	2
1106	Getting out of crises: Environmental, social-ecological and evolutionary research is needed to avoid future risks of pandemics. Environment International, 2022, 158, 106915.	4.8	18
1107	Universal Ownership and the Polycrisis: Social Norms, Feedback Loops, and the Double Hermeneutic. SSRN Electronic Journal, 0, , .	0.4	1
1108	Global Diversity and Distribution of Soil-Transmitted Helminths in Monkeys. , 2020, , 291-322.		0
1109	Ecosystems, Stable and Sustainable. , 2020, , 1-6.		0
1110	Environmental Change and the Emergence of Infectious Diseases. , 2020, , 1395-1417.		0
1111	Biodiversity: Concept, Measurement, and Management. , 2020, , 35-79.		0
1112	Metrics and Evaluation Tools for Communicable and Non-communicable Diseases. , 2020, , 393-431.		0
1114	Universal Ownership in Practice: A Practical Positive Investment Framework for Asset Owners. SSRN Electronic Journal, 0, , .	0.4	2

#	Article	IF	Citations
1115	Emerging Infectious Diseases. , 2020, , 137-138.		0
1117	Divergent effects of invasive macrophytes on population dynamics of a snail intermediate host of Schistosoma Mansoni. Acta Tropica, 2022, 225, 106226.	0.9	6
1118	Environmental Change and Zoonotic Disease Risk at Human-Macaque Interfaces in Bangladesh. EcoHealth, 2021, 18, 487-499.	0.9	2
1121	FAO and the One Health Approach. Current Topics in Microbiology and Immunology, 2012, 366, 65-72.	0.7	7
1122	No evidence for a dilution effect of the non-native snail, Potamopyrgus antipodarum, on native snails. PLoS ONE, 2020, 15, e0239762.	1.1	3
1125	Hitchhiking microbes: Declining biodiversity & emerging zoonoses. Indian Journal of Medical Research, 2021, 153, 367-374.	0.4	0
1126	US biopharmaceutical companies' stock market reaction to the COVID-19 pandemic. Understanding the concept of the â€˜paradoxical spiralâ€™ from a sustainability perspective. Technological Forecasting and Social Change, 2022, 175, 121365.	6.2	23
1127	Trends in the molecular epidemiology and population genetics of emerging<i>Sporothrix</i>species. Studies in Mycology, 2021, 100, 100131-100131.	4.5	14
1128	Development of a Low-Cost Optical Sensor to Detect Eutrophication in Irrigation Reservoirs. Sensors, 2021, 21, 7637.	2.1	5
1129	Ecological memory preserves phage resistance mechanisms in bacteria. Nature Communications, 2021, 12, 6817.	5.8	8
1130	Balantidiasis: A Neglected Tropical Disease Used as a Study Model for a Holistic Approach to Sustainable Development in the Framework of Agenda 2030 Goals. Sustainability, 2021, 13, 12799.	1.6	1
1131	What Are the Stimuli to Change to a Sustainable Post-COVID-19 Society?. Sustainability, 2021, 13, 12939.	1.6	2
1132	Live animal markets: Identifying the origins of emerging infectious diseases. Current Opinion in Environmental Science and Health, 2022, 25, 100310.	2.1	10
1133	Longâ€term <i>Pseudogymnoascus destructans</i> surveillance data reveal factors contributing to pathogen presence. Ecosphere, 2021, 12, e03808.	1.0	3
1134	Plant neighbours can make or break the disease transmission chain of a fungal root pathogen. New Phytologist, 2022, 233, 1303-1316.	3.5	11
1135	The science of the hostâ€"virus network. Nature Microbiology, 2021, 6, 1483-1492.	5.9	59
1136	Embracing natureâ€™s complexity: Immunoparasitology in the wild. Seminars in Immunology, 2021, 53, 101525.	2.7	4
1137	Tick bite risk resulting from spatially heterogeneous hazard, exposure and coping capacity. Ecological Complexity, 2021, 48, 100967.	1.4	6

#	Article	IF	Citations
1138	PADI-web 3.0: A new framework for extracting and disseminating fine-grained information from the news for animal disease surveillance. One Health, 2021, 13, 100357.	1.5	11
1139	Hitchhiking microbes: Declining biodiversity & emerging zoonoses. Indian Journal of Medical Research, 2021, 153, 367.	0.4	2
1140	Evaluating the potential of urban areas for bat conservation with citizen science data. Environmental Pollution, 2022, 297, 118785.	3.7	10
1142	BiodiversitÃ© marine et continentale. , 2012, , 97-100.		0
1143	UN TRÃO EN EQUILIBRIO. Kuxulkab, 2020, 26, 71-78.	0.1	0
1144	Biodiversity and Hostâ€"Parasite (Co)Extinction. Topics in Geobiology, 2021, , 75-97.	0.6	5
1145	Ectoparasitism of the feather chewing louse Colpocephalum trichosum on the Andean Condor Vultur gryphus. Neotropical Biodiversity, 2021, 7, 459-464.	0.2	0
1146	Influencia de los cambios ambientales en el riesgo y el aumento de nuevas pandemias. Revista De La Academia Colombiana De Ciencias Exactas, Fisicas Y Naturales, 2021, 45, 634-637.	0.0	0
1147	The role of ecosystem and landscape in terms of the COVID-19 pandemic. Journal of the Japanese Institute of Landscape Architecture, 2021, 85, 230-233.	0.0	0
1148	The last continuous grasslands on Earth: Identification and conservation importance. Conservation Science and Practice, 2022, 4, .	0.9	34
1150	European Mammal Exposure to Lead from Ammunition and Fishing Weights Sources. SSRN Electronic Journal, 0, , .	0.4	0
1152	Lessons from COVID-19 and Its Impact on Reallocation of Resources: A Cross-Country Comparison in Search of a Global Perspective. Contributions To Economics, 2022, , 127-174.	0.2	1
1153	The Inhibition of RNA Viruses by <i>Amaryllidaceae</i> Alkaloids: Opportunities for the Development of Broadâ€Spectrum Antiâ€Coronavirus Drugs. Chemistry - an Asian Journal, 2022, 17, e202101215.	1.7	6
1154	Deep Functional Profiling of Wild Animal Microbiomes Reveals Probiotic Bacillus pumilus Strains with a Common Biosynthetic Fingerprint. International Journal of Molecular Sciences, 2022, 23, 1168.	1.8	5
1155	Woody plant biodiversity explains arthropod pest management interventions in residential landscapes. Urban Forestry and Urban Greening, 2022, 67, 127439.	2.3	3
1156	An Exploratory Study on the Microbiome of Northern and Southern Populations of Ixodes scapularis Ticks Predicts Changes and Unique Bacterial Interactions. Pathogens, 2022, 11, 130.	1.2	11
1158	Fostering landscape immunity to protect human health: A scienceâ€based rationale for shifting conservation policy paradigms. Conservation Letters, 2022, 15, .	2.8	12
1159	Biodiversity and vectorâ€borne diseases: Host dilution and vector amplification occur simultaneously for Amazonian leishmaniases. Molecular Ecology, 2023, 32, 1817-1831.	2.0	18

#	Article	IF	Citations
1160	Sunflower pollen reduces a gut pathogen in the model bee species, <i>Bombus impatiens</i> , but has weaker effects in three wild congeners. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20211909.	1.2	6
1161	Epizootic dynamics of yellow fever in forest fragments: An agent-based model to explore the influence of vector and host parameters. Ecological Modelling, 2022, 466, 109884.	1.2	3
1162	Biodiversity and Human Health. , 2024, , 377-393.		1
1163	The Fauna, Diversity, and Bionomics of Culicinae (Diptera: Culicidae) in Hormozgan Province, Southern Iran. Journal of Medical Entomology, 2022, , .	0.9	2
1164	Phlebotomine Sandfly (Diptera: Psychodidae) Fauna and The Association Between Climatic Variables and The Abundance of <i>Lutzomyia longipalpis</i> sensu lato in an Intense Transmission Area for Visceral Leishmaniasis in Central Western Brazil. Journal of Medical Entomology, 2022, 59, 997-1007.	0.9	8
1165	Ranavirus Amplification in Low-Diversity Amphibian Communities. Frontiers in Veterinary Science, 2022, 9, 755426.	0.9	6
1166	Ectoparasite load of small mammals in the Serengeti Ecosystem: effects of land use, season, host species, age, sex and breeding status. Parasitology Research, 2022, 121, 823-838.	0.6	10
1167	Influence of urban expansion on Lyme disease risk: A case study in the U.S. I-95 Northeastern corridor. Cities, 2022, 125, 103633.	2.7	5
1168	Combining Multiple Data Sources to Predict IUCN Conservation Status of Reptiles. Lecture Notes in Computer Science, 2022, , 302-314.	1.0	1
1170	Designing Genomic Solutions to Enhance Abiotic Stress Resistance in Flax. , 2022, , 251-283.		2
1171	Relating Soil Microbial Community Patterns to Regenerated Woody Plant Attributes in a Chinese Fir Plantation Forest. SSRN Electronic Journal, 0, , .	0.4	0
1172	The Assembly of Tropical Dry Forest Tree Communities in Anthropogenic Landscapes: The Role of Chemical Defenses. Plants, 2022, 11, 516.	1.6	1
1173	Somatic Dimorphism in Cercariae of a Bird Schistosome. Pathogens, 2022, 11, 290.	1.2	3
1174	Zootherapy as a potential pathway for zoonotic spillover: a mixed-methods study of the use of animal products in medicinal and cultural practices in Nigeria. One Health Outlook, 2022, 4, 5.	1.4	7
1175	Host blood meal identity modifies vector gene expression and competency. Molecular Ecology, 2022, 31, 2698-2711.	2.0	8
1176	Anthropause Opportunities: Experimental Perturbation of Road Traffic and the Potential Effects on Wildlife. Frontiers in Ecology and Evolution, 2022, 10, .	1.1	8
1178	The phylogeny of the Anderson's Whiteâ€bellied Rat (<i>Niviventer andersoni</i>) based on complete mitochondrial genomes. Ecology and Evolution, 2022, 12, e8663.	0.8	4
1179	Factors responsible for the emergence of novel viruses: An emphasis on SARS-CoV-2. Current Opinion in Environmental Science and Health, 2022, 27, 100358.	2.1	7

#	Article	IF	Citations
1180	A Biodiversity Hotspots Treaty: The Road not Taken. Environmental and Resource Economics, 2022, 83, 937-954.	1.5	3
1181	Biological invasions facilitate zoonotic disease emergences. Nature Communications, 2022, 13, 1762.	5.8	39
1182	The Animal Origin of Major Human Infectious Diseases: What Can Past Epidemics Teach Us About Preventing the Next Pandemic?. Zoonoses, 2022, 2, .	0.5	14
1183	Host preference of fieldâ€derived <i>Schistosoma mansoni</i> is influenced by snail host compatibility and infection status. Ecosphere, 2022, 13, .	1.0	5
1184	Human infections with neglected vector-borne pathogens in China: A systematic review. The Lancet Regional Health - Western Pacific, 2022, 22, 100427.	1.3	1
1185	Pathogen transport amplifies or dilutes disease transmission depending on the host doseâ€response relationship. Ecology Letters, 2022, 25, 453-465.	3.0	3
1186	Optimizing Plant Disease Management in Agricultural Ecosystems Through Rational In-Crop Diversification. Frontiers in Plant Science, 2021, 12, 767209.	1.7	11
1187	Prevalence, Genetic Structure, and Antifungal Susceptibility of the Cryptococcus neoformans/C. gattii Species Complex Strains Collected from the Arboreal Niche in Poland. Pathogens, 2022, 11, 8.	1.2	2
1188	Socioâ€ecological drivers of multiple zoonotic hazards in highly urbanized cities. Global Change Biology, 2022, 28, 1705-1724.	4.2	23
1189	Non-Indigenous Parasites of Fish in Inland Waters of Croatia. Ribarstvo, Croatian Journal of Fisheries, 2021, 79, 187-204.	0.2	2
1190	Did Climate Change Influence the Emergence, Transmission, and Expression of the COVID-19 Pandemic?. Frontiers in Medicine, 2021, 8, 769208.	1.2	17
1191	Automatic Stabilizers for Excess Vaccine Stockpiles: Responsibility and Vaccine Equity in an Age of Pandemics. The Korean Journal of Public Health, 2021, 58, 39-58.	0.2	0
1193	Callitrichine gammaherpesvirus 3 and Human alphaherpesvirus 1 in New World Primate negative for yellow fever virus in Rio de Janeiro, Brazil. Memorias Do Instituto Oswaldo Cruz, 2022, 117, e210258.	0.8	3
1194	An Overview of Antibiotic Resistance and Abiotic Stresses Affecting Antimicrobial Resistance in Agricultural Soils. International Journal of Environmental Research and Public Health, 2022, 19, 4666.	1.2	19
1195	Antibiotic Treatment Ameliorates the Impact of Stony Coral Tissue Loss Disease (SCTLD) on Coral Communities. Frontiers in Marine Science, 2022, 9, .	1.2	3
1196	Earth System's Gatekeeping of â€œOne Healthâ€• Approach to Manage Climateâ€Sensitive Infectious Diseases. GeoHealth, 2022, 6, e2021GH000543.	1.9	1
1197	Aptamer-based Cas14a1 biosensor for amplification-free live pathogenic detection. Biosensors and Bioelectronics, 2022, 211, 114282.	5.3	31
1231	Social progress around the world: trends and convergence. Oxford Economic Papers, 2023, 75, 281-306.	0.7	4

#	Article	IF	Citations
1232	The importance of biodiversity risks: Link to zoonotic diseases. British Actuarial Journal, 2022, 27, .	0.2	4
1233	Chagas Disease Expands Its Epidemiological Frontiers From Rural to Urban Areas. Frontiers in Tropical Diseases, 2022, 3, .	0.5	7
1234	Flower sharing and pollinator health: a behavioural perspective. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20210157.	1.8	5
1235	Urban-adapted mammal species have more known pathogens. Nature Ecology and Evolution, 2022, 6, 794-801.	3.4	23
1236	Identification and genome characterization of novel parechovirus sequences from Hipposideros armiger in China. Virology Journal, 2022, 19, 80.	1.4	0
1237	Pathogen identification and factors influencing infection frequency and severity of fungal rust in four native grasses in Hulunber grassland, China. Plant Disease, 0, , .	0.7	0
1238	A Natural Resource Curse: The Unintended Effects of Gold Mining on Malaria. SSRN Electronic Journal, 0, , .	0.4	1
1239	How Multiple Interaction Types Affect Disease Spread and Dilution in Ecological Networks. Frontiers in Ecology and Evolution, 0, 10, .	1.1	5
1240	Accurate virus identification with interpretable Raman signatures by machine learning. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	19
1241	Meta-analysis: A useful tool to assess infection prevalence and disease ecology of Borrelia burgdorferi sensu lato in nymphal ticks in North-Western Europe with recommendations for a standardised approach to future studies. Parasite Epidemiology and Control, 2022, 18, e00254.	0.6	1
1244	Land reversion and zoonotic spillover risk. Royal Society Open Science, 2022, 9, .	1.1	5
1245	Mosquito Diversity in an Experimental Township in Tamil Nadu, India. Journal of Medical Entomology, 2022, 59, 1615-1624.	0.9	2
1246	Impact of Plantation Induced Forest Degradation on the Outbreak of Emerging Infectious Diseasesâ€"Wayanad District, Kerala, India. International Journal of Environmental Research and Public Health, 2022, 19, 7036.	1.2	0
1247	Consumers' purchase intention of wild freshwater fish during the COVIDâ€19 pandemic. Agribusiness, 0, , .	1.9	4
1248	Ecology of Human Medical Enterprises: From Disease Ecology of Zoonoses, Cancer Ecology Through to Medical Ecology of Human Microbiomes. Frontiers in Ecology and Evolution, 0, 10, .	1.1	1
1249	Cyanobacterial mats as benthic reservoirs and vectors for coral black band disease pathogens. Ecological Applications, 2022, 32, .	1.8	13
1250	Ecological correlates of extinction risk and persistence of direct-developing stream-dwelling frogs in Mesoamerica. Global Ecology and Conservation, 2022, 38, e02197.	1.0	4
1251	Intensification des systÃ¨mes dâ€™Ã©levage et risques pandÃ©miques. Cahiers Agricultures, 2022, 31, 16.	0.4	1

#	Article	IF	Citations
1252	Modelo de la carpa socioambiental: una herramienta teÃ³rica para analizar el impacto de la dieta en la salud planetaria. Estudios Sociales, 0, , .	0.2	0
1253	Integral Studies and Integral Practices for Humanity and Nature. Philosophies, 2022, 7, 82.	0.4	0
1254	Effects of Rust on Plant Growth and Stoichiometry of Leymuschinensis under Different Grazing Intensities in Hulunber Grassland. Agriculture (Switzerland), 2022, 12, 961.	1.4	1
1255	Infestation, histology, and molecular confirmation of Sarcoptes scabiei in an Andean porcupine (Coendou quichua) from the Central Andes of Colombia. International Journal for Parasitology: Parasites and Wildlife, 2022, 18, 266-272.	0.6	4
1256	3. Diptera-borne hemoparasites of herpetofauna: rediscovering its importance. Ecology and Control of Vector-Borne Diseases, 2022, , 39-79.	0.3	2
1258	Zoonotic Disease Risk and Life-History Traits: Are Reservoirs Fast Life Species?. EcoHealth, 2022, 19, 390-401.	0.9	1
1259	The Tragedy of Liberal Democratic Governance in the Face of Global Threats. Frontiers in Public Health, 0, 10, .	1.3	1
1260	Socioecological vulnerability and the risk of zoonotic disease emergence in Brazil. Science Advances, 2022, 8, .	4.7	25
1262	Health and landscape approaches: A comparative review of integrated approaches to health and landscape management. Environmental Science and Policy, 2022, 136, 314-325.	2.4	3
1263	Implicaciones ecolÃ³gicas de la pandemia COVID-19. Ambiociencias, 0, , 49-64.	0.0	0
1264	Current Progress on Epidemiology, Diagnosis, and Treatment of Sporotrichosis and Their Future Trends. Journal of Fungi (Basel, Switzerland), 2022, 8, 776.	1.5	37
1265	The effects of natural enemies on herb diversity in a temperate forest depend on species traits and neighbouring tree composition. Journal of Ecology, 2022, 110, 2615-2627.	1.9	4
1266	Landscape Metrics Explain the Ecological Susceptibility of Terrestrial Ecosystems. Landscape Online, 0, , 1101.	0.0	1
1267	Transdisciplinary model for environmental protection and primordial prevention of disease. Journal of Environmental Studies and Sciences, 2022, 12, 898-904.	0.9	1
1268	Disentangling direct from indirect effects of habitat disturbance on multiple components of biodiversity. Journal of Animal Ecology, 2022, 91, 2220-2234.	1.3	5
1269	Host competence, interspecific competition and vector preference interact to determine the vector-borne infection ecology. Frontiers in Ecology and Evolution, 0, 10, .	1.1	6
1270	Prediction of Hazardous Effect of Heavy Metals of Point-Source Wastewater on Fish (Anabas) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102	1.9	3
1271	Protect Brazilâ€™s overlooked Pampa biome. Science, 2022, 377, 720-720.	6.0	6

#	Article	IF	Citations
1272	How does the host community structure affect the epidemiological dynamics of emerging infectious diseases?. Ecological Modelling, 2022, 472, 110092.	1.2	2
1273	Harnessing microbial multitrophic interactions for rhizosphere microbiome engineering. Microbiological Research, 2022, 265, 127199.	2.5	23
1274	Mammals in SÃ£o Paulo State: diversity, distribution, ecology, and conservation. Biota Neotropica, 2022, 22, .	0.2	3
1275	Teaching in a Global Pandemic: Experiences of Five Educators Supporting Students with Disabilities in Inclusive Classrooms in the United States. Inclusive Learning and Educational Equity, 2022, , 225-240.	0.2	0
1276	Global implications of biodiversity loss on pandemic disease: COVID-19. , 2022, , 305-322.		1
1277	Challenges and opportunities for plant viruses under a climate change scenario. Advances in Virus Research, 2022, , .	0.9	4
1278	Synthesizing the connections between environmental disturbances and zoonotic spillover. Anais Da Academia Brasileira De Ciencias, 2022, 94, .	0.3	14
1279	Spatiotemporal Investigation of Antibiotic Resistance in the Urban Water Cycle Influenced by Environmental and Anthropogenic Activity. Microbiology Spectrum, 2022, 10, .	1.2	3
1281	Considering humans as habitat reveals evidence of successional disease ecology among human pathogens. PLoS Biology, 2022, 20, e3001770.	2.6	1
1283	Importance of Host Abundance and Microhabitat in Tick Abundance. Journal of Medical Entomology, 2022, 59, 2110-2119.	0.9	8
1284	Disease resistance in coral is mediated by distinct adaptive and plastic gene expression profiles. Science Advances, 2022, 8, .	4.7	8
1285	Habitat-use influences severe disease-mediated population declines in two of the most common garden bird species in Great Britain. Scientific Reports, 2022, 12, .	1.6	2
1286	Host community composition, community assembly pattern, and disease transmission mode jointly determine the direction and strength of the diversity-disease relationship. Frontiers in Ecology and Evolution, 0, 10, .	1.1	0
1289	Chokepoints: The Challenges of Improving Surveillance of Emerging Biological Hazards Across the Indo-Pacific Region. , 2022, , 183-198.		0
1290	PandÃ©mie de Covid-19 dans une perspective des sciences de la nature. La pandÃ©mie de SARS-CoV-2 nous a-t-elle pris par surprise ? MÃ©canismes socio-Ã©cosystÃ©miques dâ€™induction du risque Ã©pidÃ©miologique, exemple SARS-CoV-2. , 2022, , 16-31.		0
1291	Effects of heat and moisture transfer on the transient dynamic of solute transport in unsaturated soil under isothermal and thermal conditions. Heat and Mass Transfer, 0, , .	1.2	0
1292	Exploring spatial correlations between ecosystem services and sustainable development goals: a regional-scale study from China. Landscape Ecology, 2022, 37, 3201-3221.	1.9	11
1293	Climate Change and Health in Urban Areas with a Mediterranean Climate: A Conceptual Framework with a Social and Climate Justice Approach. International Journal of Environmental Research and Public Health, 2022, 19, 12764.	1.2	11

#	Article	IF	Citations
1295	Entomological Surveillance of the Invasive Aedes Species at Higher-Priority Entry Points in Northern Iran: Exploratory Report on a Field Study. JMIR Public Health and Surveillance, 2022, 8, e38647.	1.2	1
1297	Potential wilderness loss could undermine the post-2020 global biodiversity framework. Biological Conservation, 2022, 275, 109753.	1.9	6
1299	Mosquito (Diptera: Culicidae) diversity along a rainy season and edge effects in a riparian forest in Southeastern Brazil. Austral Ecology, 2023, 48, 41-55.	0.7	1
1300	Grappling with (re)-emerging infectious zoonoses: Risk assessment, mitigation framework, and future directions. International Journal of Disaster Risk Reduction, 2022, 82, 103350.	1.8	9
1301	Biodiversity Agenda Congruent with â€˜One Healthâ€™: Focusing on CBD, FAO, and WHO. Sustainability, 2022, 14, 15059.	1.6	0
1302	Human activities and zoonotic epidemics: a two-way relationship. The case of the COVID-19 pandemic. Global Sustainability, 2022, 5, .	1.6	1
1303	The relevance of the wild reservoir in zoonotic multiâ€host pathogens: The links between Iberian wild mammals and <i>Coxiella burnetii</i>. Transboundary and Emerging Diseases, 0, , .	1.3	0
1304	Can predators stabilize hostâ€“parasite interactions? Changes in aquatic predator identity alter amphibian responses and parasite abundance across life stages. Ecology and Evolution, 2022, 12, .	0.8	4
1305	Virus Prevalence in Egg Samples Collected from Naturally Selected and Traditionally Managed Honey Bee Colonies across Europe. Viruses, 2022, 14, 2442.	1.5	1
1306	Africa needs genomic epidemiologists â€“ Correspondence. International Journal of Surgery, 2022, 108, 106999.	1.1	0
1307	Biodiversity mediates relationships between anthropogenic drivers and ecosystem services across global mountain, island and delta systems. Global Environmental Change, 2023, 78, 102612.	3.6	14
1308	Impact assessment of COVID-19 global pandemic on water, environment, and humans. Environmental Advances, 2023, 11, 100328.	2.2	16
1309	A Discovery of the True Relationship Between Biodiversity and Economic Growth in Light of COVID-19. Advances in Science, Technology and Innovation, 2022, , 173-184.	0.2	0
1310	Higher Education in a Post-Pandemic World. Education Sciences, 2022, 12, 856.	1.4	2
1311	Tourism and Emerging Infectious Diseases: More Connections Than First Meet the Eye. Journal of Travel Research, 2023, 62, 935-948.	5.8	1
1312	Economic pressures of Covidâ€19 lockdowns result in increased timber extraction within a critically endangered region: A case study from the Pacific Forest of Ecuador. Ecology and Evolution, 2022, 12, .	0.8	1
1313	In situ occurrence and protection of crop wild relatives in Italian sites of natura 2000 network: Insights from a data-driven approach. Frontiers in Plant Science, 0, 13, .	1.7	2
1314	Seasonal land use/land cover change and the drivers in Kafta Sheraro national park, Tigray, Ethiopia. Heliyon, 2022, 8, e12298.	1.4	5

#	Article	IF	Citations
1315	Broad Antiviral Spectrum of Glycyrrhizic Acid for Human and Veterinary Medicine: Reality or Fiction?. Intervirology, 2023, 66, 41-53.	1.2	2
1316	Nanocellulosics in Transient Technology. ACS Omega, 2022, 7, 47547-47566.	1.6	2
1318	Orthopoxvirus Seroprevalence and Infection Susceptibility in France, Bolivia, Laos, and Mali. Emerging Infectious Diseases, 2022, 28, 2463-2471.	2.0	7
1323	Metavirome of 31 tick species provides a compendium of 1,801 RNA virus genomes. Nature Microbiology, 2023, 8, 162-173.	5.9	14
1324	Ecosystem Microbiome Science. , 2023, 2, 2-10.		11
1326	Taxon Cycles in Neotropical Mangroves. Plants, 2023, 12, 244.	1.6	3
1327	Co-occurrence probabilities between mosquito vectors of West Nile and Eastern equine encephalitis viruses using Markov Random Fields (MRFcov). Parasites and Vectors, 2023, 16, .	1.0	2
1328	Ancient pathogens provide a window into health and well-being. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	3.3	6
1329	Food web structure and microenvironment affect Chagas disease vector infection and abundance in a rural landscape. Ecosphere, 2023, 14, .	1.0	0
1330	Interactions between soil microbes and native species drive a diversity-invasibility relationship. Biological Invasions, 2023, 25, 1461-1472.	1.2	3
1331	Biodiversity: the overlooked source of human health. Trends in Molecular Medicine, 2023, 29, 173-187.	3.5	7
1332	Building a Sustainable Dental Practice. BDJ Clinician's Guides, 2022, , 19-37.	0.1	1
1333	Facilitation of a free-roaming apex predator in working lands: evaluating factors that influence leopard spatial dynamics and prey availability in a South African biodiversity hotspot. PeerJ, 0, 11, e14575.	0.9	2
1334	The healing and bioeconomic prospect of tropical ecosystems due to the Covid-19 pandemic. , 2023, , 183-204.		0
1335	Zoonosis. , 2023, , 277-293.		0
1336	Mexican Terrestrial Mammals in the Anthropocene. , 2023, , 215-235.		2
1337	One Healthâ€"Key to Adequate Intervention Measures against Zoonotic Risks. Pathogens, 2023, 12, 415.	1.2	1
1338	Regenerated woody plants influence soil microbial communities in a subtropical forest. Applied Soil Ecology, 2023, 188, 104890.	2.1	0

#	Article	IF	Citations
1340	Tropical bat ectoparasitism in continuous versus fragmented forests: A gap analysis and preliminary metaâ€analysis. Ecology and Evolution, 2023, 13, .	0.8	1
1341	Arboviruses in Mammals in the Neotropics: A Systematic Review to Strengthen Epidemiological Monitoring Strategies and Conservation Medicine. Viruses, 2023, 15, 417.	1.5	4
1342	Communicable diseases. , 2023, , 215-366.		0
1343	Biological invasions and invasive species in freshwaters: perception of the general public. Human Dimensions of Wildlife, 2024, 29, 48-63.	1.0	9
1344	Domestic Animals as Potential Reservoirs of Zoonotic Viral Diseases. Annual Review of Animal Biosciences, 2023, 11, 33-55.	3.6	14
1345	Detection and Characterization of Alongshan Virus in Ticks and Tick Saliva from Lower Saxony, Germany with Serological Evidence for Viral Transmission to Game and Domestic Animals. Microorganisms, 2023, 11, 543.	1.6	5
1346	Mammal diversity in Biological Corridor No. 03 covering the Sarpangâ€"Tsirang District landscapes of Bhutan. Journal of Animal Diversity, 2022, 4, 44-52.	0.2	0
1347	In Search of Proximate Triggers of Anthrax Outbreaks in Wildlife: A Hypothetical Individual-Based Model of Plasmid Transfer within Bacillus Communities. Diversity, 2023, 15, 347.	0.7	0
1348	The importance of the ecology of infectious diseases in the context of Chytridiomycosis and COVID-19. Global Journal of Infectious Diseases and Clinical Research, 2023, 9, 001-008.	0.5	0
1350	Vegetation cover and biodiversity reduce parasite infection in wild hosts across ecological levels and scales. Ecography, 2023, 2023, .	2.1	0
1351	Long-Term Anthropogenic Management and Associated Loss of Plant Diversity Deeply Impact Virome Richness and Composition of <i>Poaceae</i> Communities. Microbiology Spectrum, 2023, 11, .	1.2	2
1353	Stocking Density and Homogeneity, Considerations on Pandemic Potential. , 2023, 3, 85-92.		0
1354	Land and deep-sea mining: the challenges of comparing biodiversity impacts. Biodiversity and Conservation, 2023, 32, 1125-1164.	1.2	6
1357	Diversity of trematodes from the amphibian anomaly P hotspot: Role of planorbid snails. PLoS ONE, 2023, 18, e0281740.	1.1	1
1358	Understanding the Characteristics of the Microbiomes of the Built Environment and their Effects on the Human Body. Indoor Environment, 2023, 26, 29-42.	0.0	1
1359	Challenges of integrated management in tick-borne zoonosis control. Journal of the Acarological Society of Japan, 2022, 31, 49-65.	0.4	0
1360	Major drivers of biodiversity loss and their impacts on helminth parasite populations and communities. Journal of Helminthology, 2023, 97, .	0.4	5
1361	Why losing Australia's biodiversity matters for human health: insights from the latest State of the Environment assessment. Medical Journal of Australia, 2023, 218, 336-340.	0.8	1

#	Article	IF	Citations
1362	Complexities of multispecies coexistence: Animal diseases and diverging modes of ordering at the wildlifeâ€"livestock interface in Southern Africa. Environment and Planning E, Nature and Space, 0, , 251484862311606.	1.6	3
1363	Evidence of a component Allee effect for an invasive pathogen: Hymenoscyphus fraxineus, the ash dieback agent. Biological Invasions, 2023, 25, 2567-2582.	1.2	1
1372	What are the lessons from COVID-19 for creating healthy, sustainable, resilient future cities?. Npj Urban Sustainability, 2023, 3, .	3.7	4
1373	Ecosystem degradation and the spread of Covid-19. Environmental Monitoring and Assessment, 2023, 195, .	1.3	0
1390	BioCities as Promotors of Health and Well-being. Future City, 2023, , 131-165.	0.2	0
1394	Offset Life: Lemur Health in Landscapes of Extraction. , 2023, , 81-106.		0
1397	Rehabilitation und Nachhaltigkeit. The Springer Reference Pflegerapie, Gesundheit, 2023, , 1-10.	0.2	0
1402	Nature-Based Solutions in the Private Sector: Policy Opportunities for Sustainability in a Post-Pandemic World. , 2023, , 1-23.		0
1420	Linking Biodiversity to Nature×³s Contribution to People. , 2024, , 357-376.		0
1421	Polymeric Nanoparticles for Bovine Mastitogens. Springer Series in Biomaterials Science and Engineering, 2023, , 111-133.	0.7	0
1423	Perspective Chapter: Emerging Infectious Diseases As a Public Health Problem. , 0, , .		0
1428	Ecosystem Services. , 2024, , 753-763.		0
1431	Urbanization, human societies, and pandemic preparedness and mitigation. , 2024, , 197-213.		0
1445	From Metagenomics to Ecogenomics: NGS-Based Approaches for Discovery of New Circular DNA Single-Stranded Viral Species. Methods in Molecular Biology, 2024, , 103-117.	0.4	0
1449	Mammals of the Campos Sulinos: Diversity and Conservation. , 2024, , 289-318.		1
1451	Species Methods. Statistics in the Health Sciences, 2023, , 171-236.	0.2	0
1472	Opportunities and Challenges to Mitigate the Emerging Fungal Pathogens Exposed to Adaptation Against Climate Change. , 2024, , 225-237.		0