

Andrew P Dobson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7026617/publications.pdf>

Version: 2024-02-01

173
papers

24,452
citations

12330

69
h-index

7745

150
g-index

185
all docs

185
docs citations

185
times ranked

25331
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Climate Warming and Disease Risks for Terrestrial and Marine Biota. <i>Science</i> , 2002, 296, 2158-2162. | 12.6 | 2,154 |
| 2 | Impacts of biodiversity on the emergence and transmission of infectious diseases. <i>Nature</i> , 2010, 468, 647-652. | 27.8 | 1,481 |
| 3 | Seasonality and the dynamics of infectious diseases. <i>Ecology Letters</i> , 2006, 9, 467-484. | 6.4 | 1,162 |
| 4 | Trade-offs across Space, Time, and Ecosystem Services. <i>Ecology and Society</i> , 2006, 11, . | 2.3 | 951 |
| 5 | Projected Impacts of Climate and Land-Use Change on the Global Diversity of Birds. <i>PLoS Biology</i> , 2007, 5, e157. | 5.6 | 818 |
| 6 | Ecological Forecasts: An Emerging Imperative. <i>Science</i> , 2001, 293, 657-660. | 12.6 | 774 |
| 7 | Parasites in food webs: the ultimate missing links. <i>Ecology Letters</i> , 2008, 11, 533-546. | 6.4 | 716 |
| 8 | Parasites dominate food web links. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11211-11216. | 7.1 | 691 |
| 9 | Social Organization and Parasite Risk in Mammals: Integrating Theory and Empirical Studies. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2003, 34, 517-547. | 8.3 | 625 |
| 10 | Ecology of zoonoses: natural and unnatural histories. <i>Lancet</i> , The, 2012, 380, 1936-1945. | 13.7 | 590 |
| 11 | Epidemic Dynamics at the Human-Animal Interface. <i>Science</i> , 2009, 326, 1362-1367. | 12.6 | 554 |
| 12 | Homage to Linnaeus: How many parasites? How many hosts?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11482-11489. | 7.1 | 551 |
| 13 | Ecosystem energetic implications of parasite and free-living biomass in three estuaries. <i>Nature</i> , 2008, 454, 515-518. | 27.8 | 506 |
| 14 | Population Dynamics of Pathogens with Multiple Host Species. <i>American Naturalist</i> , 2004, 164, S64-S78. | 2.1 | 475 |
| 15 | HABITAT LOSS, TROPHIC COLLAPSE, AND THE DECLINE OF ECOSYSTEM SERVICES. <i>Ecology</i> , 2006, 87, 1915-1924. | 3.2 | 458 |
| 16 | Detecting disease and parasite threats to endangered species and ecosystems. <i>Trends in Ecology and Evolution</i> , 1995, 10, 190-194. | 8.7 | 438 |
| 17 | Ecology and economics for pandemic prevention. <i>Science</i> , 2020, 369, 379-381. | 12.6 | 411 |
| 18 | Transmission Dynamics and Prospects for the Elimination of Canine Rabies. <i>PLoS Biology</i> , 2009, 7, e1000053. | 5.6 | 374 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Human health effects of a changing global nitrogen cycle. <i>Frontiers in Ecology and the Environment</i> , 2003, 1, 240-246. | 4.0 | 370 |
| 20 | Bats as “special” reservoirs for emerging zoonotic pathogens. <i>Trends in Microbiology</i> , 2015, 23, 172-180. | 7.7 | 358 |
| 21 | Keeping the herds healthy and alert: implications of predator control for infectious disease. <i>Ecology Letters</i> , 2003, 6, 797-802. | 6.4 | 357 |
| 22 | Frontiers in climate change “disease research. <i>Trends in Ecology and Evolution</i> , 2011, 26, 270-277. | 8.7 | 273 |
| 23 | Cholera and climate: revisiting the quantitative evidence. <i>Microbes and Infection</i> , 2002, 4, 237-245. | 1.9 | 250 |
| 24 | Regulation and Stability of a Free-Living Host-Parasite System: <i>Trichostrongylus tenuis</i> in Red Grouse. I. Monitoring and Parasite Reduction Experiments. <i>Journal of Animal Ecology</i> , 1992, 61, 477. | 2.8 | 249 |
| 25 | Agricultural intensification, priming for persistence and the emergence of Nipah virus: a lethal bat-borne zoonosis. <i>Journal of the Royal Society Interface</i> , 2012, 9, 89-101. | 3.4 | 245 |
| 26 | The rising tide of ocean diseases: unsolved problems and research priorities. <i>Frontiers in Ecology and the Environment</i> , 2004, 2, 375-382. | 4.0 | 236 |
| 27 | A Disease-Mediated Trophic Cascade in the Serengeti and its Implications for Ecosystem C. <i>PLoS Biology</i> , 2009, 7, e1000210. | 5.6 | 232 |
| 28 | Disease, habitat fragmentation and conservation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2041-2049. | 2.6 | 220 |
| 29 | Parasite establishment in host communities. <i>Ecology Letters</i> , 2003, 6, 837-842. | 6.4 | 205 |
| 30 | Pathogens and the structure of plant communities. <i>Trends in Ecology and Evolution</i> , 1994, 9, 393-398. | 8.7 | 204 |
| 31 | Cetacean Morbillivirus: Current Knowledge and Future Directions. <i>Viruses</i> , 2014, 6, 5145-5181. | 3.3 | 195 |
| 32 | Antipredator Behavior and the Population Dynamics of Simple Predator-Prey Systems. <i>American Naturalist</i> , 1987, 130, 431-447. | 2.1 | 194 |
| 33 | Rabies Exposures, Post-Exposure Prophylaxis and Deaths in a Region of Endemic Canine Rabies. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e339. | 3.0 | 176 |
| 34 | Pathogen-induced reversal of native dominance in a grassland community. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5473-5478. | 7.1 | 175 |
| 35 | Exploring reservoir dynamics: a case study of rabies in the Serengeti ecosystem. <i>Journal of Applied Ecology</i> , 2008, 45, 1246-1257. | 4.0 | 166 |
| 36 | Pathogen spillover during land conversion. <i>Ecology Letters</i> , 2018, 21, 471-483. | 6.4 | 161 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | VIROLOGY: What Links Bats to Emerging Infectious Diseases?. Science, 2005, 310, 628-629. | 12.6 | 158 |
| 38 | Sexually transmitted diseases in polygynous mating systems: prevalence and impact on reproductive success. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 1555-1563. | 2.6 | 147 |
| 39 | <i>Pteropus vampyrus</i> , a hunted migratory species with a multinational home range and a need for regional management. Journal of Applied Ecology, 2009, 46, 991-1002. | 4.0 | 145 |
| 40 | Rates of spread of marine pathogens. Ecology Letters, 2003, 6, 1062-1067. | 6.4 | 144 |
| 41 | Sacred Cows and Sympathetic Squirrels: The Importance of Biological Diversity to Human Health. PLoS Medicine, 2006, 3, e231. | 8.4 | 144 |
| 42 | The Population Dynamics of Brucellosis in the Yellowstone National Park. Ecology, 1996, 77, 1026-1036. | 3.2 | 141 |
| 43 | Title is missing!. International Journal of Primatology, 2002, 23, 327-353. | 1.9 | 137 |
| 44 | Valuing water for sustainable development. Science, 2017, 358, 1003-1005. | 12.6 | 136 |
| 45 | Crossing the Interspecies Barrier: Opening the Door to Zoonotic Pathogens. PLoS Pathogens, 2014, 10, e1004129. | 4.7 | 135 |
| 46 | Synchronous cycles of domestic dog rabies in sub-Saharan Africa and the impact of control efforts. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7717-7722. | 7.1 | 132 |
| 47 | Seasonality and wildlife disease: how seasonal birth, aggregation and variation in immunity affect the dynamics of <i>Mycoplasma gallisepticum</i> in house finches. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 2569-2577. | 2.6 | 130 |
| 48 | Dynamics of a morbillivirus at the domestic-wildlife interface: Canine distemper virus in domestic dogs and lions. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1464-1469. | 7.1 | 128 |
| 49 | Ecological science and sustainability for the 21st century. Frontiers in Ecology and the Environment, 2005, 3, 4-11. | 4.0 | 127 |
| 50 | Metabolic approaches to understanding climate change impacts on seasonal host-macroparasite dynamics. Ecology Letters, 2013, 16, 9-21. | 6.4 | 116 |
| 51 | The Impact of Community Organization on Vector-Borne Pathogens. American Naturalist, 2013, 181, 1-11. | 2.1 | 115 |
| 52 | Phocine Distemper Virus: Current Knowledge and Future Directions. Viruses, 2014, 6, 5093-5134. | 3.3 | 114 |
| 53 | Managing marine disease emergencies in an era of rapid change. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150364. | 4.0 | 109 |
| 54 | The costs and benefits of primary prevention of zoonotic pandemics. Science Advances, 2022, 8, eabl4183. | 10.3 | 99 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 55 | Dynamics of a novel pathogen in an avian host: Mycoplasmal conjunctivitis in house finches. <i>Acta Tropica</i> , 2005, 94, 77-93. | 2.0 | 98 |
| 56 | Linking scaling laws across eukaryotes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21616-21622. | 7.1 | 95 |
| 57 | Accelerated viral dynamics in bat cell lines, with implications for zoonotic emergence. <i>ELife</i> , 2020, 9, . | 6.0 | 91 |
| 58 | Climate change and infectious diseases: Can we meet the needs for better prediction?. <i>Climatic Change</i> , 2013, 118, 625-640. | 3.6 | 88 |
| 59 | Monitoring global rates of biodiversity change: challenges that arise in meeting the Convention on Biological Diversity (CBD) 2010 goals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 229-241. | 4.0 | 87 |
| 60 | Disease Ecology, Biodiversity, and the Latitudinal Gradient in Income. <i>PLoS Biology</i> , 2012, 10, e1001456. | 5.6 | 87 |
| 61 | Climate variability, global change, immunity, and the dynamics of infectious diseases. <i>Ecology</i> , 2009, 90, 920-927. | 3.2 | 86 |
| 62 | Road will ruin Serengeti. <i>Nature</i> , 2010, 467, 272-273. | 27.8 | 86 |
| 63 | A general consumer-resource population model. <i>Science</i> , 2015, 349, 854-857. | 12.6 | 86 |
| 64 | Linking community and disease ecology: the impact of biodiversity on pathogen transmission. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 2807-2813. | 4.0 | 85 |
| 65 | Predicted Impact of Barriers to Migration on the Serengeti Wildebeest Population. <i>PLoS ONE</i> , 2011, 6, e16370. | 2.5 | 81 |
| 66 | Quantitative analyses and modelling to support achievement of the 2020 goals for nine neglected tropical diseases. <i>Parasites and Vectors</i> , 2015, 8, 630. | 2.5 | 80 |
| 67 | Allometry and simple epidemic models for microparasites. <i>Nature</i> , 1996, 379, 720-722. | 27.8 | 78 |
| 68 | Parallel Patterns of Increased Virulence in a Recently Emerged Wildlife Pathogen. <i>PLoS Biology</i> , 2013, 11, e1001570. | 5.6 | 78 |
| 69 | Seasonal Patterns of Infectious Diseases. <i>PLoS Medicine</i> , 2005, 2, e5. | 8.4 | 77 |
| 70 | Parasite invasion following host reintroduction: a case study of Yellowstone's wolves. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 2840-2851. | 4.0 | 77 |
| 71 | Pneumonia in bighorn sheep: Risk and resilience. <i>Journal of Wildlife Management</i> , 2018, 82, 32-45. | 1.8 | 75 |
| 72 | <i>Bartonella</i> spp. in Fruit Bats and Blood-Feeding Ectoparasites in Madagascar. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003532. | 3.0 | 71 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 73 | Disease dynamics in wild populations: modeling and estimation: a review. <i>Journal of Ornithology</i> , 2012, 152, 485-509. | 1.1 | 70 |
| 74 | Cholera Seasonality in Madras (1901–1940): Dual Role for Rainfall in Endemic and Epidemic Regions. <i>EcoHealth</i> , 2007, 4, 52-62. | 2.0 | 69 |
| 75 | Eight challenges in modelling disease ecology in multi-host, multi-agent systems. <i>Epidemics</i> , 2015, 10, 26-30. | 3.0 | 69 |
| 76 | Null expectations for disease dynamics in shrinking habitat: dilution or amplification?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160173. | 4.0 | 67 |
| 77 | Sources and sinks: revisiting the criteria for identifying reservoirs for American cutaneous leishmaniasis. <i>Trends in Parasitology</i> , 2007, 23, 311-316. | 3.3 | 66 |
| 78 | Ecological theory to enhance infectious disease control and public health policy. <i>Frontiers in Ecology and the Environment</i> , 2005, 3, 29-37. | 4.0 | 62 |
| 79 | A message from the frogs. <i>Nature</i> , 2006, 439, 143-144. | 27.8 | 62 |
| 80 | Spatio-temporal dynamics of pneumonia in bighorn sheep. <i>Journal of Animal Ecology</i> , 2013, 82, 518-528. | 2.8 | 62 |
| 81 | An inconvenient misconception: Climate change is not the principal driver of biodiversity loss. <i>Conservation Letters</i> , 2022, 15, . | 5.7 | 62 |
| 82 | Compromise solutions between conservation and road building in the tropics. <i>Current Biology</i> , 2014, 24, R722-R725. | 3.9 | 60 |
| 83 | Food-web structure and ecosystem services: insights from the Serengeti. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 1665-1682. | 4.0 | 58 |
| 84 | Alternative stable states and spatial indicators of critical slowing down along a spatial gradient in a savanna ecosystem. <i>Global Ecology and Biogeography</i> , 2017, 26, 638-649. | 5.8 | 58 |
| 85 | Conservation value of small reserves. <i>Conservation Biology</i> , 2020, 34, 66-79. | 4.7 | 57 |
| 86 | Improving marine disease surveillance through sea temperature monitoring, outlooks and projections. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150208. | 4.0 | 55 |
| 87 | Pyrodiversity interacts with rainfall to increase bird and mammal richness in African savannas. <i>Ecology Letters</i> , 2018, 21, 557-567. | 6.4 | 55 |
| 88 | Incomplete host immunity favors the evolution of virulence in an emergent pathogen. <i>Science</i> , 2018, 359, 1030-1033. | 12.6 | 50 |
| 89 | The greenhouse effect and biological diversity. <i>Trends in Ecology and Evolution</i> , 1989, 4, 64-68. | 8.7 | 48 |
| 90 | Local data are vital to worldwide conservation. <i>Nature</i> , 2000, 403, 241-241. | 27.8 | 47 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | EXPOSING EXTINCTION RISK ANALYSIS TO PATHOGENS: IS DISEASE JUST ANOTHER FORM OF DENSITY DEPENDENCE?. , 2005, 15, 1402-1414. | | 47 |
| 92 | A walk on the tundra: Hostâ€“parasite interactions in an extreme environment. International Journal for Parasitology: Parasites and Wildlife, 2014, 3, 198-208. | 1.5 | 45 |
| 93 | Development, environmental degradation, and disease spread in the Brazilian Amazon. PLoS Biology, 2019, 17, e3000526. | 5.6 | 45 |
| 94 | Dynamics of Mycoplasmal Conjunctivitis in the Native and Introduced Range of the Host. EcoHealth, 2006, 3, 95-102. | 2.0 | 44 |
| 95 | Primate malarias: Diversity, distribution and insights for zoonotic Plasmodium. One Health, 2015, 1, 66-75. | 3.4 | 44 |
| 96 | Extending the principles of community ecology to address the epidemiology of host-pathogen systems. , 2006, , 6-27. | | 43 |
| 97 | Population structuring of multi-copy, antigen-encoding genes in Plasmodium falciparum. ELife, 2012, 1, e00093. | 6.0 | 43 |
| 98 | Gimme shelter â€“ the relative sensitivity of parasitic nematodes with direct and indirect life cycles to climate change. Global Change Biology, 2013, 19, 3291-3305. | 9.5 | 42 |
| 99 | Hyperinfectivity in Cholera: A New Mechanism for an Old Epidemiological Model?. PLoS Medicine, 2006, 3, e280. | 8.4 | 40 |
| 100 | The rise and fall of malaria under land-use change in frontier regions. Nature Ecology and Evolution, 2017, 1, 108. | 7.8 | 40 |
| 101 | Anthropogenic modifications to fire regimes in the wider Serengetiâ€“Mara ecosystem. Global Change Biology, 2019, 25, 3406-3423. | 9.5 | 38 |
| 102 | Multiple host transfers, but only one successful lineage in a continent-spanning emergent pathogen. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131068. | 2.6 | 37 |
| 103 | Toward an integrative molecular approach to wildlife disease. Conservation Biology, 2018, 32, 798-807. | 4.7 | 36 |
| 104 | Disentangling serology to elucidate henipaâ€“and filovirus transmission in Madagascar fruit bats. Journal of Animal Ecology, 2019, 88, 1001-1016. | 2.8 | 36 |
| 105 | Do parasite infections interfere with immunisation? A review and meta-analysis. Vaccine, 2020, 38, 5582-5590. | 3.8 | 36 |
| 106 | Climate change and Arctic parasites. Trends in Parasitology, 2015, 31, 181-188. | 3.3 | 35 |
| 107 | SYNOPTIC TINKERING: INTEGRATING STRATEGIES FOR LARGE-SCALE CONSERVATION. , 2001, 11, 1019-1026. | | 33 |
| 108 | EVOLUTION OF VIRULENCE IN HETEROGENEOUS HOST COMMUNITIES UNDER MULTIPLE TRADE-OFFS. Evolution; International Journal of Organic Evolution, 2012, 66, 391-401. | 2.3 | 32 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 109 | Allometric Scaling and Seasonality in the Epidemics of Wildlife Diseases. American Naturalist, 2008, 172, 818-828. | 2.1 | 31 |
| 110 | Yellowstone Wolves and the Forces That Structure Natural Systems. PLoS Biology, 2014, 12, e1002025. | 5.6 | 31 |
| 111 | How does poaching affect the size of national parks?. Trends in Ecology and Evolution, 2008, 23, 177-180. | 8.7 | 30 |
| 112 | Broad patterns in domestic vector-borne Trypanosoma cruzi transmission dynamics: synanthropic animals and vector control. Parasites and Vectors, 2015, 8, 537. | 2.5 | 30 |
| 113 | Rhodnius prolixus Life History Outcomes Differ when Infected with Different Trypanosoma cruzi I Strains. American Journal of Tropical Medicine and Hygiene, 2015, 93, 564-572. | 1.4 | 28 |
| 114 | Transmission ecology of canine parvovirus in a multi-host, multi-pathogen system. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182772. | 2.6 | 26 |
| 115 | General ecological models for human subsistence, health and poverty. Nature Ecology and Evolution, 2017, 1, 1153-1159. | 7.8 | 25 |
| 116 | Assessing Rotation-Invariant Feature Classification for Automated Wildebeest Population Counts. PLoS ONE, 2016, 11, e0156342. | 2.5 | 24 |
| 117 | Non-invasive surveillance for Plasmodium in reservoir macaque species. Malaria Journal, 2015, 14, 404. | 2.3 | 23 |
| 118 | Population viability and harvest sustainability for Madagascar lemurs. Conservation Biology, 2019, 33, 99-111. | 4.7 | 23 |
| 119 | Biodiversity loss due to more than climate change. Science, 2021, 374, 699-700. | 12.6 | 23 |
| 120 | Towards an ecosystem model of infectious disease. Nature Ecology and Evolution, 2021, 5, 907-918. | 7.8 | 22 |
| 121 | Biodiversity and human health. Trends in Ecology and Evolution, 1995, 10, 390-391. | 8.7 | 21 |
| 122 | The assembly, collapse and restoration of food webs. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 1803-1806. | 4.0 | 21 |
| 123 | <i>Trypanosoma cruzi</i> – <i>Trypanosoma rangeli</i> co-infection ameliorates negative effects of single trypanosome infections in experimentally infected <i>Rhodnius prolixus</i> . Parasitology, 2016, 143, 1157-1167. | 1.5 | 21 |
| 124 | Body-size scaling in an SEI model of wildlife diseases. Theoretical Population Biology, 2008, 73, 374-382. | 1.1 | 20 |
| 125 | Complementary Paths to Chagas Disease Elimination: The Impact of Combining Vector Control With Etiological Treatment. Clinical Infectious Diseases, 2018, 66, S293-S300. | 5.8 | 20 |
| 126 | Challenges in modelling the dynamics of infectious diseases at the wildlife–human interface. Epidemics, 2021, 37, 100523. | 3.0 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 127 | ECOLOGY: Metalife!. Science, 2003, 301, 1488-1490. | 12.6 | 19 |
| 128 | Elucidating transmission dynamics and host-parasite-vector relationships for rodent-borne Bartonella spp. in Madagascar. Epidemics, 2017, 20, 56-66. | 3.0 | 19 |
| 129 | Muskox Health Ecology Symposium 2016: Gathering to Share Knowledge on Umingmak in a Time of Rapid Change. Arctic, 2017, 70, 225. | 0.4 | 19 |
| 130 | The Multiple Roles of Infectious Diseases in the Serengeti Ecosystem. , 2008, , 209-240. | | 18 |
| 131 | Conservation and economic benefits of a road around the Serengeti. Conservation Biology, 2015, 29, 932-936. | 4.7 | 17 |
| 132 | Low-cost agricultural waste accelerates tropical forest regeneration. Restoration Ecology, 2018, 26, 275-283. | 2.9 | 17 |
| 133 | Critical transitions in malaria transmission models are consistently generated by superinfection. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180275. | 4.0 | 17 |
| 134 | Population trends for two Malagasy fruit bats. Biological Conservation, 2019, 234, 165-171. | 4.1 | 15 |
| 135 | Comparison and validation of two computational models of Chagas disease: A thirty year perspective from Venezuela. Epidemics, 2017, 18, 81-91. | 3.0 | 14 |
| 136 | Interactions between Social Structure, Demography, and Transmission Determine Disease Persistence in Primates. PLoS ONE, 2013, 8, e76863. | 2.5 | 11 |
| 137 | Trophy hunting: Bans create opening for change. Science, 2019, 366, 434-435. | 12.6 | 11 |
| 138 | Savannas are vital but overlooked carbon sinks. Science, 2022, 375, 392-392. | 12.6 | 11 |
| 139 | Synergistic and antagonistic interactions between bednets and vaccines in the control of malaria. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3014-3019. | 7.1 | 10 |
| 140 | Mathematical models for emerging disease. Science, 2014, 346, 1294-1295. | 12.6 | 9 |
| 141 | COVID-Clarity demands unification of health and environmental policy. Global Change Biology, 2021, 27, 1319-1321. | 9.5 | 9 |
| 142 | Dietary abundance distributions: Dominance and diversity in vertebrate diets. Ecology Letters, 2022, 25, 992-1008. | 6.4 | 9 |
| 143 | How to pay for tropical rain forests. Trends in Ecology and Evolution, 1991, 6, 348-351. | 8.7 | 8 |
| 144 | Ivory: Why the Ban Must Stay!. Conservation Biology, 1992, 6, 149-151. | 4.7 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | An international biodiversity observation year. Trends in Ecology and Evolution, 2001, 16, 52-54. | 8.7 | 8 |
| 146 | Body size and meta-community structure: the allometric scaling of parasitic worm communities in their mammalian hosts. Parasitology, 2016, 143, 880-893. | 1.5 | 8 |
| 147 | A metapopulation model of social group dynamics and disease applied to Yellowstone wolves. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 8 |
| 148 | Disease and connectivity. , 2006, , 479-501. | | 7 |
| 149 | Host population dynamics in the face of an evolving pathogen. Journal of Animal Ecology, 2021, 90, 1480-1491. | 2.8 | 7 |
| 150 | What's special about desert ecology?. Trends in Ecology and Evolution, 1987, 2, 145-146. | 8.7 | 6 |
| 151 | Human Health Effects of a Changing Global Nitrogen Cycle. Frontiers in Ecology and the Environment, 2003, 1, 240. | 4.0 | 6 |
| 152 | Preliminary Characterization of Triatomine Bug Blood Meals on the Island of Trinidad Reveals Opportunistic Feeding Behavior on Both Human and Animal Hosts. Tropical Medicine and Infectious Disease, 2020, 5, 166. | 2.3 | 5 |
| 153 | Ecological Synthesis and Its Role in Advancing Knowledge. BioScience, 0, , . | 4.9 | 4 |
| 154 | The dynamics of serengeti research. Trends in Ecology and Evolution, 1992, 7, 108-110. | 8.7 | 3 |
| 155 | Wildlife Perspectives on the Evolution of Virulence. , 2002, , 26-38. | | 3 |
| 156 | Going, goingâ€¦ Guan!. Trends in Ecology and Evolution, 1988, 3, 217-218. | 8.7 | 2 |
| 157 | Primate ecology at the crossroads. Trends in Ecology and Evolution, 1990, 5, 324-325. | 8.7 | 2 |
| 158 | Conservation Biology, Discipline of. , 2013, , 238-248. | | 2 |
| 159 | A solution scan of societal options to reduce transmission and spread of respiratory viruses: SARS-CoV-2 as a case study. Journal of Biosafety and Biosecurity, 2021, 3, 84-90. | 2.8 | 2 |
| 160 | Virulence Management in Wildlife Populations. , 2002, , 413-424. | | 2 |
| 161 | Spatiotemporal variations in exposure: Chagas disease in Colombia as a case study. BMC Medical Research Methodology, 2022, 22, 13. | 3.1 | 2 |
| 162 | Global biodiversity assessment. Trends in Ecology and Evolution, 1997, 12, 39-40. | 8.7 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 163 | Conservation Biology, Discipline of. , 2001, , 855-864. | | 1 |
| 164 | Ecological Science and Sustainability for the 21st Century. Frontiers in Ecology and the Environment, 2005, 3, 4. | 4.0 | 1 |
| 165 | Evidence of Critical Transitions and Coexistence of Alternative States in Nature: The Case of Malaria Transmission. Trends in Mathematics, 2019, , 73-79. | 0.1 | 1 |
| 166 | The Cambridge World history of human disease. Trends in Microbiology, 1993, 1, 321. | 7.7 | 0 |
| 167 | Invited Discussion. , 1996, , 184-188. | | 0 |
| 168 | Tinker, tailor, scientist, advocate!. Trends in Ecology and Evolution, 2000, 15, 388. | 8.7 | 0 |
| 169 | Invertebrates are here again. Trends in Parasitology, 2001, 17, 603. | 3.3 | 0 |
| 170 | Wow! And again, Wow!. Trends in Ecology and Evolution, 2002, 17, 98-99. | 8.7 | 0 |
| 171 | Andrew Dobson: taking a macroscopic view of zoonoses. Lancet, The, 2012, 380, 1899. | 13.7 | 0 |
| 172 | Resolution of Respect Robert M. May (1936â€“2020). Bulletin of the Ecological Society of America, 2021, 102, e01769. | 0.2 | 0 |
| 173 | Plant ecology: Macroparasitism in plant communities. Current Biology, 2021, 31, R287-R289. | 3.9 | 0 |