

Anthony R Ives

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

206
papers

18,977
citations

70
h-index

135
g-index

227
ext. papers

21,542
ext. citations

7.3
avg, IF

7.14
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 206 | Trade-Offs (and Constraints) in Organismal Biology.. <i>Physiological and Biochemical Zoology</i> , 2022 , 95, 82-112 | 2 | 8 |
| 205 | Statistical tests for non-independent partitions of large autocorrelated datasets.. <i>MethodsX</i> , 2022 , 9, 101660 | 1.9 | 0 |
| 204 | Phylogenetic conservatism explains why plants are more likely to produce fleshy fruits in the tropics. <i>Ecology</i> , 2021 , e03555 | 4.6 | 0 |
| 203 | Effects of light and nutrients on intraspecific competition among midges from a shallow eutrophic lake. <i>Ecological Entomology</i> , 2021 , 46, 955-963 | 2.1 | 2 |
| 202 | Coevolution, diversification and alternative states in two-trophic communities. <i>Ecology Letters</i> , 2021 , 24, 269-278 | 10 | 0 |
| 201 | Estimating and explaining the spread of COVID-19 at the county level in the USA. <i>Communications Biology</i> , 2021 , 4, 60 | 6.7 | 11 |
| 200 | Ecosystem engineering alters density-dependent feedbacks in an aquatic insect population. <i>Ecology</i> , 2021 , 102, e03513 | 4.6 | 0 |
| 199 | Statistical inference for trends in spatiotemporal data. <i>Remote Sensing of Environment</i> , 2021 , 266, 112678 | 3.2 | 8 |
| 198 | Shifts in the partitioning of benthic and pelagic primary production within and across summers in Lake Mvatn, Iceland. <i>Inland Waters</i> , 2021 , 11, 13-28 | 2.4 | 0 |
| 197 | Spatiotemporal trends in crop yields, yield variability, and yield gaps across the USA. <i>Crop Science</i> , 2020 , 60, 2085-2101 | 2.4 | 5 |
| 196 | Self-perpetuating ecological-evolutionary dynamics in an agricultural host-parasite system. <i>Nature Ecology and Evolution</i> , 2020 , 4, 702-711 | 12.3 | 10 |
| 195 | phyr: An r package for phylogenetic species-distribution modelling in ecological communities. <i>Methods in Ecology and Evolution</i> , 2020 , 11, 1455-1463 | 7.7 | 22 |
| 194 | Inbreeding reduces long-term growth of Alpine ibex populations. <i>Nature Ecology and Evolution</i> , 2019 , 3, 1359-1364 | 12.3 | 26 |
| 193 | The potential role of intrinsic processes in generating abrupt and quasi-synchronous tree declines during the Holocene. <i>Ecology</i> , 2019 , 100, e02579 | 4.6 | 6 |
| 192 | Responses of benthic algae to nutrient enrichment in a shallow lake: Linking community production, biomass, and composition. <i>Freshwater Biology</i> , 2019 , 64, 1833-1847 | 3.1 | 6 |
| 191 | Spatiotemporal variation in the sign and magnitude of ecosystem engineer effects on lake ecosystem production. <i>Ecosphere</i> , 2019 , 10, e02760 | 3.1 | 5 |
| 190 | Climate change causes functionally colder winters for snow cover-dependent organisms. <i>Nature Climate Change</i> , 2019 , 9, 886-893 | 21.4 | 32 |

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| 189 | R ² s for Correlated Data: Phylogenetic Models, LMMs, and GLMMs. <i>Systematic Biology</i> , 2019 , 68, 234-251 | 8.4 | 74 |
| 188 | Functional traits and community composition: A comparison among community-weighted means, weighted correlations, and multilevel models. <i>Methods in Ecology and Evolution</i> , 2019 , 10, 415-425 | 7.7 | 43 |
| 187 | A mathematical partitioning of the effects of habitat loss and habitat degradation on species abundance. <i>Landscape Ecology</i> , 2019 , 34, 9-15 | 4.3 | 0 |
| 186 | Wildlife population changes across Eastern Europe after the collapse of socialism. <i>Frontiers in Ecology and the Environment</i> , 2018 , 16, 77-81 | 5.5 | 13 |
| 185 | Responses of orb-weaving spider aggregations to spatiotemporal variation in lake-to-land subsidies at Lake Mvatn, Iceland. <i>Polar Biology</i> , 2018 , 41, 1547-1554 | 2 | 6 |
| 184 | Informative Irreproducibility and the Use of Experiments in Ecology. <i>BioScience</i> , 2018 , 68, 746-747 | 5.7 | 5 |
| 183 | rr2: An R package to calculate R ² s for regression models. <i>Journal of Open Source Software</i> , 2018 , 3, 1028 | 5.2 | 37 |
| 182 | Early- and late-flowering guilds respond differently to landscape spatial structure. <i>Journal of Ecology</i> , 2018 , 106, 1033-1045 | 6 | 5 |
| 181 | Abrupt Change in Ecological Systems: Inference and Diagnosis. <i>Trends in Ecology and Evolution</i> , 2018 , 33, 513-526 | 10.9 | 113 |
| 180 | Life history and habitat explain variation among insect pest populations subject to global change. <i>Ecosphere</i> , 2018 , 9, e02274 | 3.1 | 9 |
| 179 | Reconstructing phylogeny from reduced-representation genome sequencing data without assembly or alignment. <i>Molecular Ecology Resources</i> , 2018 , 18, 1482-1491 | 8.4 | 2 |
| 178 | Improving the mapping of crop types in the Midwestern U.S. by fusing Landsat and MODIS satellite data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017 , 58, 1-11 | 7.3 | 29 |
| 177 | Midge-stabilized sediment drives the composition of benthic cladoceran communities in Lake Mvatn, Iceland. <i>Ecosphere</i> , 2017 , 8, e01659 | 3.1 | 4 |
| 176 | The statistical need to include phylogeny in trait-based analyses of community composition. <i>Methods in Ecology and Evolution</i> , 2017 , 8, 1192-1199 | 7.7 | 28 |
| 175 | Resource Gradients and the Distribution and Flowering of Butterwort, a Carnivorous Plant. <i>Annales Zoologici Fennici</i> , 2017 , 54, 163-173 | 0.9 | 2 |
| 174 | Extreme events in lake ecosystem time series. <i>Limnology and Oceanography Letters</i> , 2017 , 2, 63-69 | 7.9 | 20 |
| 173 | Characterizing global patterns of frozen ground with and without snow cover using microwave and MODIS satellite data products. <i>Remote Sensing of Environment</i> , 2017 , 191, 168-178 | 13.2 | 13 |
| 172 | Tree-to-tree variation in seed size and its consequences for seed dispersal versus predation by rodents. <i>Oecologia</i> , 2017 , 183, 751-762 | 2.9 | 31 |

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| 171 | Can functional traits account for phylogenetic signal in community composition?. <i>New Phytologist</i> , 2017 , 214, 607-618 | 9.8 | 24 |
| 170 | Combined effects of night warming and light pollution on predator-prey interactions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284, | 4.4 | 33 |
| 169 | Temporal coexistence mechanisms contribute to the latitudinal gradient in forest diversity. <i>Nature</i> , 2017 , 550, 105-108 | 50.4 | 58 |
| 168 | Positive feedback between chironomids and algae creates net mutualism between benthic primary consumers and producers. <i>Ecology</i> , 2017 , 98, 447-455 | 4.6 | 21 |
| 167 | Spatio-Temporal Variation in Landscape Composition May Speed Resistance Evolution of Pests to Bt Crops. <i>PLoS ONE</i> , 2017 , 12, e0169167 | 3.7 | 18 |
| 166 | When natural habitat fails to enhance biological pest control Five hypotheses. <i>Biological Conservation</i> , 2016 , 204, 449-458 | 6.2 | 273 |
| 165 | Three points to consider when choosing a LM or GLM test for count data. <i>Methods in Ecology and Evolution</i> , 2016 , 7, 882-890 | 7.7 | 96 |
| 164 | Identifying consumer-resource population dynamics using paleoecological data. <i>Ecology</i> , 2016 , 97, 361-74.6 | 12 | |
| 163 | pez: phylogenetics for the environmental sciences. <i>Bioinformatics</i> , 2015 , 31, 2888-90 | 7.2 | 94 |
| 162 | For testing the significance of regression coefficients, go ahead and log-transform count data. <i>Methods in Ecology and Evolution</i> , 2015 , 6, 828-835 | 7.7 | 117 |
| 161 | An assembly and alignment-free method of phylogeny reconstruction from next-generation sequencing data. <i>BMC Genomics</i> , 2015 , 16, 522 | 4.5 | 87 |
| 160 | Spatial patterns reveal strong abiotic and biotic drivers of zooplankton community composition in Lake Mvatn, Iceland. <i>Ecosphere</i> , 2015 , 6, art105 | 3.1 | 14 |
| 159 | Temperature effects on long-term population dynamics in a parasitoid-host system. <i>Ecological Monographs</i> , 2014 , 84, 457-476 | 9 | 25 |
| 158 | Intrinsic and extrinsic drivers of succession: Effects of habitat age and season on an aquatic insect community. <i>Ecological Entomology</i> , 2014 , 39, 316-324 | 2.1 | 8 |
| 157 | Phylogenetic Regression for Binary Dependent Variables 2014 , 231-261 | | 55 |
| 156 | Behavioral flexibility and the evolution of primate social states. <i>PLoS ONE</i> , 2014 , 9, e114099 | 3.7 | 16 |
| 155 | Macroevolution of plant defenses against herbivores in the evening primroses. <i>New Phytologist</i> , 2014 , 203, 267-79 | 9.8 | 53 |
| 154 | Species interactions and a chain of indirect effects driven by reduced precipitation. <i>Ecology</i> , 2014 , 95, 486-94 | 4.6 | 44 |

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| 153 | Direct and indirect effects of warming on aphids, their predators, and ant mutualists. <i>Ecology</i> , 2014 , 95, 1479-84 | 4.6 | 55 |
| 152 | Multilevel statistical models and the analysis of experimental data. <i>Ecology</i> , 2013 , 94, 1479-86 | 4.6 | 7 |
| 151 | Are rapid transitions between invasive and native species caused by alternative stable states, and does it matter?. <i>Ecology</i> , 2013 , 94, 2207-19 | 4.6 | 32 |
| 150 | Phylogenetic trait-based analyses of ecological networks. <i>Ecology</i> , 2013 , 94, 2321-33 | 4.6 | 61 |
| 149 | Coevolution and the effects of climate change on interacting species. <i>PLoS Biology</i> , 2013 , 11, e1001685 | 9.7 | 50 |
| 148 | Foraging efficiency and the fitness consequences of spatial marking by ladybeetle larvae. <i>Oikos</i> , 2013 , 122, 1238-1246 | 4 | 4 |
| 147 | Seeing the forest and the trees: multilevel models reveal both species and community patterns. <i>Ecosphere</i> , 2012 , 3, art79 | 3.1 | 36 |
| 146 | Coexistence in tropical forests through asynchronous variation in annual seed production. <i>Ecology</i> , 2012 , 93, 2073-84 | 4.6 | 48 |
| 145 | Pollinator effectiveness varies with experimental shifts in flowering time. <i>Ecology</i> , 2012 , 93, 803-14 | 4.6 | 63 |
| 144 | Unexpected demography in the recovery of an endangered primate population. <i>PLoS ONE</i> , 2012 , 7, e44407 | 3.7 | 16 |
| 143 | Phylogenetic diversity-area curves. <i>Ecology</i> , 2012 , 93, S31-S43 | 4.6 | 40 |
| 142 | Contamination and management of resistance evolution to high-dose transgenic insecticidal crops. <i>Theoretical Ecology</i> , 2012 , 5, 195-209 | 1.6 | 21 |
| 141 | Detecting dynamical changes in nonlinear time series using locally linear state-space models. <i>Ecosphere</i> , 2012 , 3, art58 | 3.1 | 41 |
| 140 | Methods for detecting early warnings of critical transitions in time series illustrated using simulated ecological data. <i>PLoS ONE</i> , 2012 , 7, e41010 | 3.7 | 476 |
| 139 | Evidence for a trade-off between host-range breadth and host-use efficiency in aphid parasitoids. <i>American Naturalist</i> , 2011 , 177, 389-95 | 3.7 | 46 |
| 138 | The evolution of resistance to two-toxin pyramid transgenic crops 2011 , 21, 503-15 | | 74 |
| 137 | Climate change and elevated extinction rates of reptiles from Mediterranean Islands. <i>American Naturalist</i> , 2011 , 177, 119-29 | 3.7 | 61 |
| 136 | Why do stigmas move in a flexistylous plant?. <i>Journal of Evolutionary Biology</i> , 2011 , 24, 497-504 | 2.3 | 5 |

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| 135 | Effects of experimental shifts in flowering phenology on plant-pollinator interactions. <i>Ecology Letters</i> , 2011 , 14, 69-74 | 10 | 144 |
| 134 | Intraguild predation on the parasitoid <i>Aphidius ervi</i> by the generalist predator <i>Harmonia axyridis</i> : the threat and its avoidance. <i>Entomologia Experimentalis Et Applicata</i> , 2011 , 138, 193-201 | 2.1 | 39 |
| 133 | Alternative stable states explain unpredictable biological control of <i>Salvinia molesta</i> in Kakadu. <i>Nature</i> , 2011 , 470, 86-9 | 50.4 | 61 |
| 132 | The potential for hyperparasitism to compromise biological control: Why don't hyperparasitoids drive their primary parasitoid hosts extinct?. <i>Biological Control</i> , 2011 , 58, 167-173 | 3.8 | 42 |
| 131 | Generalized linear mixed models for phylogenetic analyses of community structure. <i>Ecological Monographs</i> , 2011 , 81, 511-525 | 9 | 144 |
| 130 | Novel pests and technologies: risk assessment in agroecosystems using simple models in the face of uncertainties. <i>Current Opinion in Environmental Sustainability</i> , 2011 , 3, 100-104 | 7.2 | 3 |
| 129 | Response of coccinellid larvae to conspecific and heterospecific larval tracks: a mechanism that reduces cannibalism and intraguild predation. <i>Environmental Entomology</i> , 2011 , 40, 103-10 | 2.1 | 10 |
| 128 | Weak population regulation in ecological time series. <i>Ecology Letters</i> , 2010 , 13, 21-31 | 10 | 45 |
| 127 | Niche saturation reveals resource partitioning among consumers. <i>Ecology Letters</i> , 2010 , 13, 338-48 | 10 | 64 |
| 126 | Mutualisms in a changing world: an evolutionary perspective. <i>Ecology Letters</i> , 2010 , 13, 1459-74 | 10 | 349 |
| 125 | Phylogenetic logistic regression for binary dependent variables. <i>Systematic Biology</i> , 2010 , 59, 9-26 | 8.4 | 295 |
| 124 | Breakdown in postmating isolation and the collapse of a species pair through hybridization. <i>American Naturalist</i> , 2010 , 175, 11-26 | 3.7 | 82 |
| 123 | Phylogenetic metrics of community similarity. <i>American Naturalist</i> , 2010 , 176, E128-42 | 3.7 | 76 |
| 122 | Analysis of ecological time series with ARMA(p,q) models. <i>Ecology</i> , 2010 , 91, 858-71 | 4.6 | 73 |
| 121 | Temporal, spatial, and between-host comparisons of patterns of parasitism in lake zooplankton. <i>Ecology</i> , 2010 , 91, 3322-31 | 4.6 | 34 |
| 120 | New multivariate tests for phylogenetic signal and trait correlations applied to ecophysiological phenotypes of nine <i>Manglietia</i> species. <i>Functional Ecology</i> , 2009 , 23, 1059-1069 | 5.6 | 25 |
| 119 | Species response to environmental change: impacts of food web interactions and evolution. <i>Science</i> , 2009 , 323, 1347-50 | 33.3 | 167 |
| 118 | Environmental variation in ecological communities and inferences from single-species data. <i>Ecology</i> , 2009 , 90, 1268-78 | 4.6 | 10 |

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| 117 | Rapid evolution, seasonality, and the termination of parasite epidemics. <i>Ecology</i> , 2009 , 90, 1441-8 | 4.6 | 50 |
| 116 | Long-term disease dynamics in lakes: causes and consequences of chytrid infections in <i>Daphnia</i> populations. <i>Ecology</i> , 2009 , 90, 132-44 | 4.6 | 31 |
| 115 | Accelerate Synthesis in Ecology and Environmental Sciences. <i>BioScience</i> , 2009 , 59, 699-701 | 5.7 | 110 |
| 114 | High-amplitude fluctuations and alternative dynamical states of midges in Lake Myvatn. <i>Nature</i> , 2008 , 452, 84-7 | 50.4 | 80 |
| 113 | Morphometrics of the avian small intestine compared with that of nonflying mammals: a phylogenetic approach. <i>Physiological and Biochemical Zoology</i> , 2008 , 81, 526-50 | 2 | 221 |
| 112 | Pea aphid dropping behavior diminishes foraging efficiency of a predatory ladybeetle. <i>Entomologia Experimentalis Et Applicata</i> , 2008 , 127, 118-124 | 2.1 | 44 |
| 111 | Phylogenetic measures of biodiversity. <i>American Naturalist</i> , 2007 , 169, E68-83 | 3.7 | 327 |
| 110 | Separating the determinants of phylogenetic community structure. <i>Ecology Letters</i> , 2007 , 10, 917-25 | 10 | 183 |
| 109 | Effects of species diversity on community biomass production change over the course of succession. <i>Ecology</i> , 2007 , 88, 929-39 | 4.6 | 93 |
| 108 | Presence of an unsuitable host diminishes the competitive superiority of an insect parasitoid: a distraction effect. <i>Population Ecology</i> , 2007 , 49, 347-355 | 2.1 | 19 |
| 107 | STATESPACE MODELS LINK ELK MOVEMENT PATTERNS TO LANDSCAPE CHARACTERISTICS IN YELLOWSTONE NATIONAL PARK. <i>Ecological Monographs</i> , 2007 , 77, 285-299 | 9 | 133 |
| 106 | Dispersal, density dependence, and population dynamics of a fungal microbe on leaf surfaces. <i>Ecology</i> , 2007 , 88, 1513-24 | 4.6 | 24 |
| 105 | Within-species variation and measurement error in phylogenetic comparative methods. <i>Systematic Biology</i> , 2007 , 56, 252-70 | 8.4 | 334 |
| 104 | Density dependence vs. independence, and irregular population dynamics of a swallow-wort fruit fly. <i>Ecology</i> , 2007 , 88, 1466-75 | 4.6 | 13 |
| 103 | Stability and diversity of ecosystems. <i>Science</i> , 2007 , 317, 58-62 | 33.3 | 917 |
| 102 | Statistics for correlated data: phylogenies, space, and time 2006 , 16, 20-32 | | 92 |
| 101 | Phylogenetic analysis of trophic associations. <i>American Naturalist</i> , 2006 , 168, E1-14 | 3.7 | 121 |
| 100 | Fish predation and trapping for rusty crayfish (<i>Orconectes rusticus</i>) control: a whole-lake experiment. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006 , 63, 383-393 | 2.4 | 79 |

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|----|--|------|-----|
| 99 | The structure and stability of model ecosystems assembled in a variable environment. <i>Oikos</i> , 2006 , 114, 451-464 | 4 | 2 |
| 98 | Biodiversity as both a cause and consequence of resource availability: a study of reciprocal causality in a predator-prey system. <i>Journal of Animal Ecology</i> , 2006 , 75, 497-505 | 4.7 | 91 |
| 97 | Sexual size dimorphism in a <i>Drosophila</i> clade, the <i>D. obscura</i> group. <i>Zoology</i> , 2006 , 109, 318-30 | 1.7 | 49 |
| 96 | Learning by the parasitoid wasp, <i>Aphidius ervi</i> (Hymenoptera: Braconidae), alters individual fixed preferences for pea aphid color morphs. <i>Oecologia</i> , 2006 , 150, 172-9 | 2.9 | 39 |
| 95 | Testing vitamin B as a home remedy against mosquitoes. <i>Journal of the American Mosquito Control Association</i> , 2005 , 21, 213-7 | 0.9 | 18 |
| 94 | DIVERSITY-PRODUCTIVITY RELATIONSHIPS IN STREAMS VARY AS A FUNCTION OF THE NATURAL DISTURBANCE REGIME. <i>Ecology</i> , 2005 , 86, 716-726 | 4.6 | 89 |
| 93 | EVOLUTION OF PERIODICITY IN PERIODICAL CICADAS. <i>Ecology</i> , 2005 , 86, 3200-3211 | 4.6 | 19 |
| 92 | Empirically Motivated Ecological Theory1. <i>Ecology</i> , 2005 , 86, 3137-3138 | 4.6 | 1 |
| 91 | ESTIMATING FLUCTUATING VITAL RATES FROM TIME-SERIES DATA: A CASE STUDY OF APHID BIOCONTROL. <i>Ecology</i> , 2005 , 86, 740-752 | 4.6 | 18 |
| 90 | Reciprocal effects of host plant and natural enemy diversity on herbivore suppression: an empirical study of a model tritrophic system. <i>Oikos</i> , 2005 , 108, 275-282 | 4 | 99 |
| 89 | Quantitative Bioscience for the 21st Century. <i>BioScience</i> , 2005 , 55, 511 | 5.7 | 23 |
| 88 | <i>Aphidius ervi</i> (Hymenoptera: Braconidae) Increases Its Adult Size by Disrupting Host Wing Development. <i>Environmental Entomology</i> , 2004 , 33, 1523-1527 | 2.1 | 10 |
| 87 | The synergistic effects of stochasticity and dispersal on population densities. <i>American Naturalist</i> , 2004 , 163, 375-87 | 3.7 | 64 |
| 86 | Population genetics of transgene containment. <i>Ecology Letters</i> , 2004 , 7, 213-220 | 10 | 49 |
| 85 | The collapse of cycles in the dynamics of North American grouse populations. <i>Ecology Letters</i> , 2004 , 7, 1135-1142 | 10 | 28 |
| 84 | A synthesis of subdisciplines: predator-prey interactions, and biodiversity and ecosystem functioning. <i>Ecology Letters</i> , 2004 , 8, 102-116 | 10 | 287 |
| 83 | Effects of species diversity on the primary productivity of ecosystems: extending our spatial and temporal scales of inference. <i>Oikos</i> , 2004 , 104, 437-450 | 4 | 172 |
| 82 | Food-web interactions govern the resistance of communities after non-random extinctions. <i>Nature</i> , 2004 , 429, 174-7 | 50.4 | 196 |

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|----|--|------|------|
| 81 | Scale-dependent indirect interactions between two prey species through a shared predator. <i>Oikos</i> , 2003 , 102, 505-514 | 4 | 31 |
| 80 | The effects of an exotic fish invasion on the prey communities of two lakes. <i>Journal of Animal Ecology</i> , 2003 , 72, 331-342 | 4.7 | 63 |
| 79 | Biodiversity and biocontrol: emergent impacts of a multi-enemy assemblage on pest suppression and crop yield in an agroecosystem. <i>Ecology Letters</i> , 2003 , 6, 857-865 | 10 | 404 |
| 78 | Species interactions can explain Taylor's power law for ecological time series. <i>Nature</i> , 2003 , 422, 65-8 | 50.4 | 144 |
| 77 | Testing for phylogenetic signal in comparative data: behavioral traits are more labile. <i>Evolution; International Journal of Organic Evolution</i> , 2003 , 57, 717-45 | 3.8 | 2956 |
| 76 | INTERACTIONS BETWEEN SPECIALIST AND GENERALIST NATURAL ENEMIES: PARASITIDS, PREDATORS, AND PEA APHID BIOCONTROL. <i>Ecology</i> , 2003 , 84, 91-107 | 4.6 | 253 |
| 75 | POPULATION DYNAMICS ACROSS GEOGRAPHICAL RANGES: TIME-SERIES ANALYSES OF THREE SMALL GAME SPECIES. <i>Ecology</i> , 2003 , 84, 2654-2667 | 4.6 | 130 |
| 74 | Food web dynamics in correlated and autocorrelated environments. <i>Theoretical Population Biology</i> , 2003 , 64, 369-84 | 1.2 | 80 |
| 73 | The effect of parasitoid host-size preference on host population growth rates: an example of <i>Aphidius colemani</i> and <i>Aphis glycines</i> . <i>Ecological Entomology</i> , 2003 , 28, 542-550 | 2.1 | 62 |
| 72 | ESTIMATING COMMUNITY STABILITY AND ECOLOGICAL INTERACTIONS FROM TIME-SERIES DATA. <i>Ecological Monographs</i> , 2003 , 73, 301-330 | 9 | 354 |
| 71 | Consequences of recurrent gene flow from crops to wild relatives. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 1879-86 | 4.4 | 117 |
| 70 | Single-leaf resolution of the temporal population dynamics of <i>Aureobasidium pullulans</i> on apple leaves. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 4892-900 | 4.8 | 15 |
| 69 | TESTING FOR PHYLOGENETIC SIGNAL IN COMPARATIVE DATA: BEHAVIORAL TRAITS ARE MORE LABILE. <i>Evolution; International Journal of Organic Evolution</i> , 2003 , 57, 717 | 3.8 | 222 |
| 68 | INTERACTIONS BETWEEN SPECIALIST AND GENERALIST NATURAL ENEMIES: PARASITIDS, PREDATORS, AND PEA APHID BIOCONTROL 2003 , 84, 91 | | 1 |
| 67 | Consumer-resource interactions and cyclic population dynamics of <i>Tanytarsus gracilentus</i> (Diptera: Chironomidae). <i>Journal of Animal Ecology</i> , 2002 , 71, 832-845 | 4.7 | 38 |
| 66 | Evolution of resistance to Bt crops: directional selection in structured environments. <i>Ecology Letters</i> , 2002 , 5, 792-801 | 10 | 80 |
| 65 | Ecology. Inbreeding and metapopulations. <i>Science</i> , 2002 , 295, 454-5 | 33.3 | 15 |
| 64 | COMPETITION BETWEEN NATIVE AND INTRODUCED PARASITIDS OF APHIDS: NONTARGET EFFECTS AND BIOLOGICAL CONTROL. <i>Ecology</i> , 2002 , 83, 2745-2757 | 4.6 | 46 |

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| 63 | DYNAMICS OF THE RELATIONSHIP BETWEEN A GENERALIST PREDATOR AND SLUGS OVER FIVE YEARS. <i>Ecology</i> , 2002 , 83, 137-147 | 4.6 | 87 |
| 62 | General relationships between species diversity and stability in competitive systems. <i>American Naturalist</i> , 2002 , 159, 388-95 | 3.7 | 92 |
| 61 | Environmental forcing and high amplitude fluctuations in the population dynamics of the tropical butterfly <i>Acraea acerata</i> (Lepidoptera: Nymphalidae). <i>Journal of Animal Ecology</i> , 2001 , 70, 1032-1045 | 4.7 | 25 |
| 60 | BIOLOGICAL CONTROL IN DISTURBED AGRICULTURAL SYSTEMS AND THE RAPID RECOVERY OF PARASITOID POPULATIONS 2001 , 11, 1224-1234 | | 37 |
| 59 | ECOLOGICAL HISTORY AFFECTS ZOOPLANKTON COMMUNITY RESPONSES TO ACIDIFICATION. <i>Ecology</i> , 2001 , 82, 2984-3000 | 4.6 | 32 |
| 58 | COMPENSATORY DYNAMICS IN ZOOPLANKTON COMMUNITY RESPONSES TO ACIDIFICATION: MEASUREMENT AND MECHANISMS 2001 , 11, 1060-1072 | | 74 |
| 57 | GENERALIST PREDATORS DISRUPT BIOLOGICAL CONTROL BY A SPECIALIST PARASITOID. <i>Ecology</i> , 2001 , 82, 705-716 | 4.6 | 223 |
| 56 | ECOLOGICAL HISTORY AFFECTS ZOOPLANKTON COMMUNITY RESPONSES TO ACIDIFICATION 2001 , 82, 2984 | | 2 |
| 55 | GENERALIST PREDATORS DISRUPT BIOLOGICAL CONTROL BY A SPECIALIST PARASITOID 2001 , 82, 705 | | 14 |
| 54 | PERIODIC MORTALITY EVENTS IN PREDATOR-PREY SYSTEMS. <i>Ecology</i> , 2000 , 81, 3330-3340 | 4.6 | 5 |
| 53 | Periodic Mortality Events in Predator-Prey Systems. <i>Ecology</i> , 2000 , 81, 3330 | 4.6 | 33 |
| 52 | Stability and species richness in complex communities. <i>Ecology Letters</i> , 2000 , 3, 399-411 | 10 | 175 |
| 51 | Spatially aggregated parasitism on pea aphids, <i>Acyrtosiphon pisum</i> , caused by random foraging behavior of the parasitoid <i>Aphidius ervi</i> . <i>Oikos</i> , 2000 , 91, 66-76 | 4 | 16 |
| 50 | <i>Coleomegilla maculata</i> (Coleoptera: Coccinellidae) predation on pea aphids promoted by proximity to dandelions. <i>Oecologia</i> , 2000 , 125, 543-548 | 2.9 | 70 |
| 49 | COMPENSATORY DYNAMICS IN PLANKTONIC COMMUNITY RESPONSES TO pH PERTURBATIONS. <i>Ecology</i> , 2000 , 81, 387-398 | 4.6 | 97 |
| 48 | Stochasticity and statisticians in environmental biology. <i>Trends in Ecology and Evolution</i> , 2000 , 15, 485-486.9 | 6.9 | 1 |
| 47 | Using the Past to Predict the Present: Confidence Intervals for Regression Equations in Phylogenetic Comparative Methods. <i>American Naturalist</i> , 2000 , 155, 346-364 | 3.7 | 694 |
| 46 | COMPENSATORY DYNAMICS IN PLANKTONIC COMMUNITY RESPONSES TO pH PERTURBATIONS 2000 , 81, 387 | | 3 |

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| 45 | Inferring Host-Parasitoid Stability from Patterns of Parasitism among Patches. <i>American Naturalist</i> , 1999 , 154, 489-496 | 3.7 | 17 |
| 44 | COMMUNITY INTERACTION WEBS AND ZOOPLANKTON RESPONSES TO PLANKTIVORY MANIPULATIONS. <i>Ecology</i> , 1999 , 80, 1405-1421 | 4.6 | 70 |
| 43 | An Introduction to Phylogenetically Based Statistical Methods, with a New Method for Confidence Intervals on Ancestral Values. <i>American Zoologist</i> , 1999 , 39, 374-388 | | 488 |
| 42 | Can natural enemies enforce geographical range limits?. <i>Ecography</i> , 1999 , 22, 268-276 | 6.5 | 44 |
| 41 | Stability and variability in competitive communities. <i>Science</i> , 1999 , 286, 542-4 | 33.3 | 243 |
| 40 | Reptile Extinctions on Land-Bridge Islands: Life-History Attributes and Vulnerability to Extinction. <i>American Naturalist</i> , 1999 , 153, 1-25 | 3.7 | 449 |
| 39 | Variability and Parasitoid Foraging Efficiency: A Case Study of Pea Aphids and <i>Aphidius ervi</i> . <i>American Naturalist</i> , 1999 , 154, 652-673 | 3.7 | 73 |
| 38 | The role of vision and color in the close proximity foraging behavior of four coccinellid species. <i>Oecologia</i> , 1998 , 115, 287-292 | 2.9 | 78 |
| 37 | Local Explanations of Landscape Patterns: Can Analytical Approaches Approximate Simulation Models of Spatial Processes?. <i>Ecosystems</i> , 1998 , 1, 35-51 | 3.9 | 32 |
| 36 | COMPLEX DYNAMICS IN STOCHASTIC TRITROPHIC MODELS. <i>Ecology</i> , 1998 , 79, 1039-1052 | 4.6 | 30 |
| 35 | COMPLEX DYNAMICS IN STOCHASTIC TRITROPHIC MODELS 1998 , 79, 1039 | | 1 |
| 34 | Metapopulation Dynamics and Pest Control in Agricultural Systems. <i>American Naturalist</i> , 1997 , 149, 220-246 | 3.4 | 78 |
| 33 | Can Sublethal Parasitism Destabilize Predator-Prey Population Dynamics? A Model of Snowshoe Hares, Predators and Parasites. <i>Journal of Animal Ecology</i> , 1997 , 66, 265 | 4.7 | 57 |
| 32 | SPATIAL VARIATION IN ABUNDANCE CREATED BY STOCHASTIC TEMPORAL VARIATION. <i>Ecology</i> , 1997 , 78, 1907-1913 | 4.6 | 31 |
| 31 | Aggregation and the coexistence of competing parasitoid species. <i>Theoretical Population Biology</i> , 1997 , 52, 167-78 | 1.2 | 21 |
| 30 | A polymorphism maintained by opposite patterns of parasitism and predation. <i>Nature</i> , 1997 , 388, 269-272 | 5.4 | 180 |
| 29 | Effectiveness of three turacos as seed dispersers in a tropical montane forest. <i>Oecologia</i> , 1997 , 112, 94-103 | 2.9 | 67 |
| 28 | Evolution of Insect Resistance to <i>Bacillus thuringiensis</i> -Transformed Plants. <i>Science</i> , 1996 , 273, 1412-1415 | 3.3 | 24 |

| | | | |
|----|---|-----|-----|
| 27 | The Failure of a Parasitoid to Persist with a Superabundant Host: The Importance of the Numerical Response. <i>Oikos</i> , 1996 , 75, 269 | 4 | 11 |
| 26 | Measuring aggregation of parasites at different host population levels. <i>Parasitology</i> , 1996 , 112, 581-587 | 2.7 | 44 |
| 25 | Hyperparasitoid aggregation in response to variation in <i>Aphidius ervi</i> host density at three spatial scales. <i>Ecological Entomology</i> , 1996 , 21, 249-258 | 2.1 | 20 |
| 24 | Bottle or Big-Scale Studies: How do we do Ecology?. <i>Ecology</i> , 1996 , 77, 681-685 | 4.6 | 26 |
| 23 | Measuring Competition in a Spatially Heterogeneous Environment. <i>American Naturalist</i> , 1995 , 146, 911-936 | 3.6 | 12 |
| 22 | Measuring Resilience in Stochastic Systems. <i>Ecological Monographs</i> , 1995 , 65, 217-233 | 9 | 206 |
| 21 | Species Compensation and Complementarity in Ecosystem Function 1995 , 224-239 | | 98 |
| 20 | Predicting the Response of Populations to Environmental Change. <i>Ecology</i> , 1995 , 76, 926-941 | 4.6 | 137 |
| 19 | Spatial Heterogeneity and Host-Parasitoid Population Dynamics: Do We Need to Study Behavior?. <i>Oikos</i> , 1995 , 74, 366 | 4 | 28 |
| 18 | Response of a Predator to Variation in Prey Density at Three Hierarchical Scales Lady Beetles Feeding on Aphids. <i>Ecology</i> , 1993 , 74, 1929-1938 | 4.6 | 143 |
| 17 | Procedures for the Analysis of Comparative Data Using Phylogenetically Independent Contrasts. <i>Systematic Biology</i> , 1992 , 41, 18 | 8.4 | 193 |
| 16 | Nest Placement Relative to Food and Its Influence on the Evolution of Avian Coloniality. <i>American Naturalist</i> , 1992 , 139, 205-217 | 3.7 | 17 |
| 15 | Continuous-time models of host-parasitoid interactions. <i>American Naturalist</i> , 1992 , 140, 1-29 | 3.7 | 69 |
| 14 | Density-Dependent and Density-Independent Parasitoid Aggregation in Model Host-Parasitoid Systems. <i>American Naturalist</i> , 1992 , 140, 912-937 | 3.7 | 56 |
| 13 | Aggregation and Coexistence in a Carrion Fly Community. <i>Ecological Monographs</i> , 1991 , 61, 75-94 | 9 | 195 |
| 12 | The Optimal Clutch Size of Insects When Many Females Oviposit Per Patch. <i>American Naturalist</i> , 1989 , 133, 671-687 | 3.7 | 67 |
| 11 | Covariance, coexistence and the population dynamics of two competitors using a patchy resource. <i>Journal of Theoretical Biology</i> , 1988 , 133, 345-361 | 2.3 | 72 |
| 10 | Stochasticity in invertebrate clutch-size models. <i>Theoretical Population Biology</i> , 1988 , 33, 79-101 | 1.2 | 18 |

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|---|--|-------|-----|
| 9 | Antipredator Behavior and the Population Dynamics of Simple Predator-Prey Systems. <i>American Naturalist</i> , 1987 , 130, 431-447 | 3.7 | 167 |
| 8 | Testing parent-offspring conflicts in insect parasitoids. <i>Trends in Ecology and Evolution</i> , 1987 , 2, 231-233 | 10.9 | 2 |
| 7 | Competition within and between species in a patchy environment: Relations between microscopic and macroscopic models. <i>Journal of Theoretical Biology</i> , 1985 , 115, 65-92 | 2.3 | 147 |
| 6 | Behavior Influences Whether Intra-Guild Predation Disrupts Herbivore Suppression by Parasitoids | 71-91 | 8 |
| 5 | Population dynamics and species interactions | 62-74 | |
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