Anthony R Ives

List of Publications by Citations

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	Testing for phylogenetic signal in comparative data: behavioral traits are more labile. *Evolution; International Journal of Organic Evolution*, **2003**, 57, 717-45	3.8	2956
205	Stability and diversity of ecosystems. *Science*, **2007**, 317, 58-62	33.3	917
204	Using the Past to Predict the Present: Confidence Intervals for Regression Equations in Phylogenetic Comparative Methods. *American Naturalist*, **2000**, 155, 346-364	3.7	694
203	An Introduction to Phylogenetically Based Statistical Methods, with a New Method for Confidence Intervals on Ancestral Values. *American Zoologist*, **1999**, 39, 374-388		488
202	Methods for detecting early warnings of critical transitions in time series illustrated using simulated ecological data. *PLoS ONE*, **2012**, 7, e41010	3.7	476
201	Reptile Extinctions on Land-Bridge Islands: Life-History Attributes and Vulnerability to Extinction. *American Naturalist*, **1999**, 153, 1-25	3.7	449
200	Biodiversity and biocontrol: emergent impacts of a multi-enemy assemblage on pest suppression and crop yield in an agroecosystem. *Ecology Letters*, **2003**, 6, 857-865	10	404
199	ESTIMATING COMMUNITY STABILITY AND ECOLOGICAL INTERACTIONS FROM TIME-SERIES DATA. *Ecological Monographs*, **2003**, 73, 301-330	9	354
198	Mutualisms in a changing world: an evolutionary perspective. *Ecology Letters*, **2010**, 13, 1459-74	10	349
197	Within-species variation and measurement error in phylogenetic comparative methods. *Systematic Biology*, **2007**, 56, 252-70	8.4	334
196	Phylogenetic measures of biodiversity. *American Naturalist*, **2007**, 169, E68-83	3.7	327
195	Phylogenetic logistic regression for binary dependent variables. *Systematic Biology*, **2010**, 59, 9-26	8.4	295
194	A synthesis of subdisciplines: predator-prey interactions, and biodiversity and ecosystem functioning. *Ecology Letters*, **2004**, 8, 102-116	10	287
193	When natural habitat fails to enhance biological pest control Five hypotheses. *Biological Conservation*, **2016**, 204, 449-458	6.2	273
192	INTERACTIONS BETWEEN SPECIALIST AND GENERALIST NATURAL ENEMIES: PARASITOIDS, PREDATORS, AND PEA APHID BIOCONTROL. *Ecology*, **2003**, 84, 91-107	4.6	253
191	Stability and variability in competitive communities. *Science*, **1999**, 286, 542-4	33.3	243
190	GENERALIST PREDATORS DISRUPT BIOLOGICAL CONTROL BY A SPECIALIST PARASITOID. *Ecology*, **2001**, 82, 705-716	4.6	223

189	TESTING FOR PHYLOGENETIC SIGNAL IN COMPARATIVE DATA: BEHAVIORAL TRAITS ARE MORE LABILE. *Evolution; International Journal of Organic Evolution*, **2003**, 57, 717	3.8	222
188	Morphometrics of the avian small intestine compared with that of nonflying mammals: a phylogenetic approach. *Physiological and Biochemical Zoology*, **2008**, 81, 526-50	2	221
187	Measuring Resilience in Stochastic Systems. *Ecological Monographs*, **1995**, 65, 217-233	9	206
186	Food-web interactions govern the resistance of communities after non-random extinctions. *Nature*, **2004**, 429, 174-7	50.4	196
185	Aggregation and Coexistence in a Carrion Fly Community. *Ecological Monographs*, **1991**, 61, 75-94	9	195
184	Procedures for the Analysis of Comparative Data Using Phylogenetically Independent Contrasts. *Systematic Biology*, **1992**, 41, 18	8.4	193
183	Separating the determinants of phylogenetic community structure. *Ecology Letters*, **2007**, 10, 917-25	10	183
182	A polymorphism maintained by opposite patterns of parasitism and predation. *Nature*, **1997**, 388, 269-272	50.4	180
181	Stability and species richness in complex communities. *Ecology Letters*, **2000**, 3, 399-411	10	175
180	Effects of species diversity on the primary productivity of ecosystems: extending our spatial and temporal scales of inference. *Oikos*, **2004**, 104, 437-450	4	172
179	Species response to environmental change: impacts of food web interactions and evolution. *Science* , **2009**, 323, 1347-50	33.3	167
178	Antipredator Behavior and the Population Dynamics of Simple Predator-Prey Systems. *American Naturalist*, **1987**, 130, 431-447	3.7	167
177	Competition within and between species in a patchy environment: Relations between microscopic and macroscopic models. *Journal of Theoretical Biology*, **1985**, 115, 65-92	2.3	147
176	Effects of experimental shifts in flowering phenology on plant-pollinator interactions. *Ecology Letters*, **2011**, 14, 69-74	10	144
175	Generalized linear mixed models for phylogenetic analyses of community structure. *Ecological Monographs*, **2011**, 81, 511-525	9	144
174	Species interactions can explain Taylor's power law for ecological time series. *Nature*, **2003**, 422, 65-8	50.4	144
173	Response of a Predator to Variation in Prey Density at Three Hierarchical Scales Lady Beetles Feeding on Aphids. *Ecology*, **1993**, 74, 1929-1938	4.6	143
172	Predicting the Response of Populations to Environmental Change. *Ecology*, **1995**, 76, 926-941	4.6	137

171	STATESPACE MODELS LINK ELK MOVEMENT PATTERNS TO LANDSCAPE CHARACTERISTICS IN YELLOWSTONE NATIONAL PARK. *Ecological Monographs*, **2007**, 77, 285-299	9	133
170	POPULATION DYNAMICS ACROSS GEOGRAPHICAL RANGES: TIME-SERIES ANALYSES OF THREE SMALL GAME SPECIES. *Ecology*, **2003**, 84, 2654-2667	4.6	130
169	Phylogenetic analysis of trophic associations. *American Naturalist*, **2006**, 168, E1-14	3.7	121
168	For testing the significance of regression coefficients, go ahead and log-transform count data. *Methods in Ecology and Evolution*, **2015**, 6, 828-835	7.7	117
167	Consequences of recurrent gene flow from crops to wild relatives. *Proceedings of the Royal Society B: Biological Sciences*, **2003**, 270, 1879-86	4.4	117
166	Abrupt Change in Ecological Systems: Inference and Diagnosis. *Trends in Ecology and Evolution*, **2018**, 33, 513-526	10.9	113
165	Accelerate Synthesis in Ecology and Environmental Sciences. *BioScience*, **2009**, 59, 699-701	5.7	110
164	Reciprocal effects of host plant and natural enemy diversity on herbivore suppression: an empirical study of a model tritrophic system. *Oikos*, **2005**, 108, 275-282	4	99
163	Species Compensation and Complementarity in Ecosystem Function **1995**, 224-239		98
162	COMPENSATORY DYNAMICS IN PLANKTONIC COMMUNITY RESPONSES TO pH PERTURBATIONS. *Ecology*, **2000**, 81, 387-398	4.6	97
161	Three points to consider when choosing a LM or GLM test for count data. *Methods in Ecology and Evolution*, **2016**, 7, 882-890	7.7	96
160	pez: phylogenetics for the environmental sciences. *Bioinformatics*, **2015**, 31, 2888-90	7.2	94
159	Effects of species diversity on community biomass production change over the course of succession. *Ecology*, **2007**, 88, 929-39	4.6	93
158	Statistics for correlated data: phylogenies, space, and time **2006**, 16, 20-32		92
157	General relationships between species diversity and stability in competitive systems. *American Naturalist*, **2002**, 159, 388-95	3.7	92
156	Biodiversity as both a cause and consequence of resource availability: a study of reciprocal causality in a predator-prey system. *Journal of Animal Ecology*, **2006**, 75, 497-505	4.7	91
155	DIVERSITYPRODUCTIVITY RELATIONSHIPS IN STREAMS VARY AS A FUNCTION OF THE NATURAL DISTURBANCE REGIME. *Ecology*, **2005**, 86, 716-726	4.6	89
154	An assembly and alignment-free method of phylogeny reconstruction from next-generation sequencing data. *BMC Genomics*, **2015**, 16, 522	4.5	87

153	DYNAMICS OF THE RELATIONSHIP BETWEEN A GENERALIST PREDATOR AND SLUGS OVER FIVE YEARS. *Ecology*, **2002**, 83, 137-147	4.6	87
152	Breakdown in postmating isolation and the collapse of a species pair through hybridization. *American Naturalist*, **2010**, 175, 11-26	3.7	82
151	High-amplitude fluctuations and alternative dynamical states of midges in Lake Myvatn. *Nature*, **2008**, 452, 84-7	50.4	80
150	Evolution of resistance to Bt crops: directional selection in structured environments. *Ecology Letters*, **2002**, 5, 792-801	10	80
149	Food web dynamics in correlated and autocorrelated environments. *Theoretical Population Biology*, **2003**, 64, 369-84	1.2	80
148	Fish predation and trapping for rusty crayfish (Orconectes rusticus) control: a whole-lake experiment. *Canadian Journal of Fisheries and Aquatic Sciences*, **2006**, 63, 383-393	2.4	79
147	Metapopulation Dynamics and Pest Control in Agricultural Systems. *American Naturalist*, **1997**, 149, 220-246	3.7	78
146	The role of vision and color in the close proximity foraging behavior of four coccinellid species. *Oecologia*, **1998**, 115, 287-292	2.9	78
145	Phylogenetic metrics of community similarity. *American Naturalist*, **2010**, 176, E128-42	3.7	76
144	The evolution of resistance to two-toxin pyramid transgenic crops **2011**, 21, 503-15		74
143	COMPENSATORY DYNAMICS IN ZOOPLANKTON COMMUNITY RESPONSES TO ACIDIFICATION: MEASUREMENT AND MECHANISMS **2001**, 11, 1060-1072		74
142	R^{2}s for Correlated Data: Phylogenetic Models, LMMs, and GLMMs. *Systematic Biology*, **2019**, 68, 234-251	8.4	74
141	Analysis of ecological time series with ARMA(p,q) models. *Ecology*, **2010**, 91, 858-71	4.6	73
140	Variability and Parasitoid Foraging Efficiency: A Case Study of Pea Aphids and Aphidius ervi. *American Naturalist*, **1999**, 154, 652-673	3.7	73
139	Covariance, coexistence and the population dynamics of two competitors using a patchy resource. *Journal of Theoretical Biology*, **1988**, 133, 345-361	2.3	72
138	Coleomegilla maculata (Coleoptera: Coccinellidae) predation on pea aphids promoted by proximity to dandelions. *Oecologia*, **2000**, 125, 543-548	2.9	70
137	COMMUNITY INTERACTION WEBS AND ZOOPLANKTON RESPONSES TO PLANKTIVORY MANIPULATIONS. *Ecology*, **1999**, 80, 1405-1421	4.6	70
136	Continuous-time models of host-parasitoid interactions. *American Naturalist*, **1992**, 140, 1-29	3.7	69

135	Effectiveness of three turacos as seed dispersers in a tropical montane forest. *Oecologia*, **1997**, 112, 94-103	2.9	67
134	The Optimal Clutch Size of Insects When Many Females Oviposit Per Patch. *American Naturalist*, **1989**, 133, 671-687	3.7	67
133	Niche saturation reveals resource partitioning among consumers. *Ecology Letters*, **2010**, 13, 338-48	10	64
132	The synergistic effects of stochasticity and dispersal on population densities. *American Naturalist*, **2004**, 163, 375-87	3.7	64
131	Pollinator effectiveness varies with experimental shifts in flowering time. *Ecology*, **2012**, 93, 803-14	4.6	63
130	The effects of an exotic fish invasion on the prey communities of two lakes. *Journal of Animal Ecology*, **2003**, 72, 331-342	4.7	63
129	The effect of parasitoid host-size preference on host population growth rates: an example of Aphidius colemani and Aphis glycines. *Ecological Entomology*, **2003**, 28, 542-550	2.1	62
128	Phylogenetic trait-based analyses of ecological networks. *Ecology*, **2013**, 94, 2321-33	4.6	61
127	Climate change and elevated extinction rates of reptiles from Mediterranean Islands. *American Naturalist*, **2011**, 177, 119-29	3.7	61
126	Alternative stable states explain unpredictable biological control of Salvinia molesta in Kakadu. *Nature*, **2011**, 470, 86-9	50.4	61
125	Temporal coexistence mechanisms contribute to the latitudinal gradient in forest diversity. *Nature*, **2017**, 550, 105-108	50.4	58
124	Can Sublethal Parasitism Destabilize Predator-Prey Population Dynamics? A Model of Snowshoe Hares, Predators and Parasites. *Journal of Animal Ecology*, **1997**, 66, 265	4.7	57
123	Density-Dependent and Density-Independent Parasitoid Aggregation in Model Host-Parasitoid Systems. *American Naturalist*, **1992**, 140, 912-937	3.7	56
122	Phylogenetic Regression for Binary Dependent Variables **2014**, 231-261		55
121	Direct and indirect effects of warming on aphids, their predators, and ant mutualists. *Ecology*, **2014**, 95, 1479-84	4.6	55
120	Macroevolution of plant defenses against herbivores in the evening primroses. *New Phytologist*, **2014**, 203, 267-79	9.8	53
119	Coevolution and the effects of climate change on interacting species. *PLoS Biology*, **2013**, 11, e1001685	9.7	50
118	Rapid evolution, seasonality, and the termination of parasite epidemics. *Ecology*, **2009**, 90, 1441-8	4.6	50

117	Sexual size dimorphism in a Drosophila clade, the D. obscura group. *Zoology*, **2006**, 109, 318-30	1.7	49
116	Population genetics of transgene containment. *Ecology Letters*, **2004**, 7, 213-220	10	49
115	Coexistence in tropical forests through asynchronous variation in annual seed production. *Ecology*, **2012**, 93, 2073-84	4.6	48
114	Evidence for a trade-off between host-range breadth and host-use efficiency in aphid parasitoids. *American Naturalist*, **2011**, 177, 389-95	3.7	46
113	COMPETITION BETWEEN NATIVE AND INTRODUCED PARASITOIDS OF APHIDS: NONTARGET EFFECTS AND BIOLOGICAL CONTROL. *Ecology*, **2002**, 83, 2745-2757	4.6	46
112	Weak population regulation in ecological time series. *Ecology Letters*, **2010**, 13, 21-31	10	45
111	Species interactions and a chain of indirect effects driven by reduced precipitation. *Ecology*, **2014**, 95, 486-94	4.6	44
110	Pea aphid dropping behavior diminishes foraging efficiency of a predatory ladybeetle. *Entomologia Experimentalis Et Applicata*, **2008**, 127, 118-124	2.1	44
109	Can natural enemies enforce geographical range limits?. *Ecography*, **1999**, 22, 268-276	6.5	44
108	Measuring aggregation of parasites at different host population levels. *Parasitology*, **1996**, 112, 581-587	2.7	44
107	Functional traits and community composition: A comparison among community-weighted means, weighted correlations, and multilevel models. *Methods in Ecology and Evolution*, **2019**, 10, 415-425	7.7	43
106	The potential for hyperparasitism to compromise biological control: Why don hyperparasitoids drive their primary parasitoid hosts extinct?. *Biological Control*, **2011**, 58, 167-173	3.8	42
105	Detecting dynamical changes in nonlinear time series using locally linear state-space models. *Ecosphere*, **2012**, 3, art58	3.1	41
104	Phylogenetic diversity rea curves. *Ecology*, **2012**, 93, S31-S43	4.6	40
103	Intraguild predation on the parasitoid Aphidius ervi by the generalist predator Harmonia axyridis: the threat and its avoidance. *Entomologia Experimentalis Et Applicata*, **2011**, 138, 193-201	2.1	39
102	Learning by the parasitoid wasp, Aphidius ervi (Hymenoptera: Braconidae), alters individual fixed preferences for pea aphid color morphs. *Oecologia*, **2006**, 150, 172-9	2.9	39
101	Consumer esource interactions and cyclic population dynamics of Tanytarsus gracilentus (Diptera: Chironomidae). *Journal of Animal Ecology*, **2002**, 71, 832-845	4.7	38
100	BIOLOGICAL CONTROL IN DISTURBED AGRICULTURAL SYSTEMS AND THE RAPID RECOVERY OF PARASITOID POPULATIONS **2001**, 11, 1224-1234		37

99	rr2: An R package to calculate R^2s for regression models. *Journal of Open Source Software*, **2018**, 3, 1028	5.2	37
98	Seeing the forest and the trees: multilevel models reveal both species and community patterns. *Ecosphere*, **2012**, 3, art79	3.1	36
97	Temporal, spatial, and between-host comparisons of patterns of parasitism in lake zooplankton. *Ecology*, **2010**, 91, 3322-31	4.6	34
96	Combined effects of night warming and light pollution on predator-prey interactions. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284,	4.4	33
95	Periodic Mortality Events in Predator-Prey Systems. *Ecology*, **2000**, 81, 3330	4.6	33
94	Climate change causes functionally colder winters for snow cover-dependent organisms. *Nature Climate Change*, **2019**, 9, 886-893	21.4	32
93	Are rapid transitions between invasive and native species caused by alternative stable states, and does it matter?. *Ecology*, **2013**, 94, 2207-19	4.6	32
92	Local Explanations of Landscape Patterns: Can Analytical Approaches Approximate Simulation Models of Spatial Processes?. *Ecosystems*, **1998**, 1, 35-51	3.9	32
91	ECOLOGICAL HISTORY AFFECTS ZOOPLANKTON COMMUNITY RESPONSES TO ACIDIFICATION. *Ecology*, **2001**, 82, 2984-3000	4.6	32
90	Tree-to-tree variation in seed size and its consequences for seed dispersal versus predation by rodents. *Oecologia*, **2017**, 183, 751-762	2.9	31
89	Long-term disease dynamics in lakes: causes and consequences of chytrid infections in Daphnia populations. *Ecology*, **2009**, 90, 132-44	4.6	31
88	SPATIAL VARIATION IN ABUNDANCE CREATED BY STOCHASTIC TEMPORAL VARIATION. *Ecology*, **1997**, 78, 1907-1913	4.6	31
87	Scale-dependent indirect interactions between two prey species through a shared predator. *Oikos*, **2003**, 102, 505-514	4	31
86	COMPLEX DYNAMICS IN STOCHASTIC TRITROPHIC MODELS. *Ecology*, **1998**, 79, 1039-1052	4.6	30
85	Improving the mapping of crop types in the Midwestern U.S. by fusing Landsat and MODIS satellite data. *International Journal of Applied Earth Observation and Geoinformation*, **2017**, 58, 1-11	7.3	29
84	The statistical need to include phylogeny in trait-based analyses of community composition. *Methods in Ecology and Evolution*, **2017**, 8, 1192-1199	7.7	28
83	The collapse of cycles in the dynamics of North American grouse populations. *Ecology Letters*, **2004**, 7, 1135-1142	10	28
82	Spatial Heterogeneity and Host-Parasitoid Population Dynamics: Do We Need to Study Behavior?. *Oikos*, **1995**, 74, 366	4	28

81	Inbreeding reduces long-term growth of Alpine ibex populations. *Nature Ecology and Evolution*, **2019**, 3, 1359-1364	12.3	26
80	Bottle or Big-Scale Studies: How do we do Ecology?. *Ecology*, **1996**, 77, 681-685	4.6	26
79	Temperature effects on long-term population dynamics in a parasitoid–host system. *Ecological Monographs*, **2014**, 84, 457-476	9	25
78	New multivariate tests for phylogenetic signal and trait correlations applied to ecophysiological phenotypes of nine Manglietia species. *Functional Ecology*, **2009**, 23, 1059-1069	5.6	25
77	Environmental forcing and high amplitude fluctuations in the population dynamics of the tropical butterfly Acraea acerata (Lepidoptera: Nymphalidae). *Journal of Animal Ecology*, **2001**, 70, 1032-1045	4.7	25
76	Can functional traits account for phylogenetic signal in community composition?. *New Phytologist*, **2017**, 214, 607-618	9.8	24
75	Dispersal, density dependence, and population dynamics of a fungal microbe on leaf surfaces. *Ecology*, **2007**, 88, 1513-24	4.6	24
74	Evolution of Insect Resistance to Bacillus thuringiensis-Transformed Plants. *Science*, **1996**, 273, 1412-1413	33.3	24
73	Quantitative Bioscience for the 21st Century. *BioScience*, **2005**, 55, 511	5.7	23
72	phyr: An r package for phylogenetic species-distribution modelling in ecological communities. *Methods in Ecology and Evolution*, **2020**, 11, 1455-1463	7.7	22
71	Positive feedback between chironomids and algae creates net mutualism between benthic primary consumers and producers. *Ecology*, **2017**, 98, 447-455	4.6	21
70	Contamination and management of resistance evolution to high-dose transgenic insecticidal crops. *Theoretical Ecology*, **2012**, 5, 195-209	1.6	21
69	Aggregation and the coexistence of competing parasitoid species. *Theoretical Population Biology*, **1997**, 52, 167-78	1.2	21
68	Extreme events in lake ecosystem time series. *Limnology and Oceanography Letters*, **2017**, 2, 63-69	7.9	20
67	Hyperparasitoid aggregation in response to variation in Aphidius ervi host density at three spatial scales. *Ecological Entomology*, **1996**, 21, 249-258	2.1	20
66	Presence of an unsuitable host diminishes the competitive superiority of an insect parasitoid: a distraction effect. *Population Ecology*, **2007**, 49, 347-355	2.1	19
65	EVOLUTION OF PERIODICITY IN PERIODICAL CICADAS. *Ecology*, **2005**, 86, 3200-3211	4.6	19
64	Testing vitamin B as a home remedy against mosquitoes. *Journal of the American Mosquito Control Association*, **2005**, 21, 213-7	0.9	18

63	ESTIMATING FLUCTUATING VITAL RATES FROM TIME-SERIES DATA: A CASE STUDY OF APHID BIOCONTROL. *Ecology*, **2005**, 86, 740-752	4.6	18
62	Stochasticity in invertebrate clutch-size models. *Theoretical Population Biology*, **1988**, 33, 79-101	1.2	18
61	Spatio-Temporal Variation in Landscape Composition May Speed Resistance Evolution of Pests to Bt Crops. *PLoS ONE*, **2017**, 12, e0169167	3.7	18
60	Inferring Host-Parasitoid Stability from Patterns of Parasitism among Patches. *American Naturalist*, **1999**, 154, 489-496	3.7	17
59	Nest Placement Relative to Food and Its Influence on the Evolution of Avian Coloniality. *American Naturalist*, **1992**, 139, 205-217	3.7	17
58	Behavioral flexibility and the evolution of primate social states. *PLoS ONE*, **2014**, 9, e114099	3.7	16
57	Unexpected demography in the recovery of an endangered primate population. *PLoS ONE*, **2012**, 7, e44407	3.7	16
56	Spatially aggregated parasitism on pea aphids, Acyrthosiphon pisum, caused by random foraging behavior of the parasitoid Aphidius ervi. *Oikos*, **2000**, 91, 66-76	4	16
55	Single-leaf resolution of the temporal population dynamics of Aureobasidium pullulans on apple leaves. *Applied and Environmental Microbiology*, **2003**, 69, 4892-900	4.8	15
54	Ecology. Inbreeding and metapopulations. *Science*, **2002**, 295, 454-5	33.3	15
53	Spatial patterns reveal strong abiotic and biotic drivers of zooplankton community composition in Lake M□vatn, Iceland. *Ecosphere*, **2015**, 6, art105	3.1	14
52	GENERALIST PREDATORS DISRUPT BIOLOGICAL CONTROL BY A SPECIALIST PARASITOID **2001**, 82, 705		14
51	Characterizing global patterns of frozen ground with and without snow cover using microwave and MODIS satellite data products. *Remote Sensing of Environment*, **2017**, 191, 168-178	13.2	13
50	Wildlife population changes across Eastern Europe after the collapse of socialism. *Frontiers in Ecology and the Environment*, **2018**, 16, 77-81	5.5	13
49	Density dependence vs. independence, and irregular population dynamics of a swallow-wort fruit fly. *Ecology*, **2007**, 88, 1466-75	4.6	13
48	Measuring Competition in a Spatially Heterogeneous Environment. *American Naturalist*, **1995**, 146, 911-936	3.7	12
47	Identifying consumer-resource population dynamics using paleoecological data. *Ecology*, **2016**, 97, 361-74	4.6	12
46	The Failure of a Parasitoid to Persist with a Superabundant Host: The Importance of the Numerical Response. *Oikos*, **1996**, 75, 269	4	11

45	Estimating and explaining the spread of COVID-19 at the county level in the USA. *Communications Biology*, **2021**, 4, 60	6.7	11
44	Self-perpetuating ecological-evolutionary dynamics in an agricultural host-parasite system. *Nature Ecology and Evolution*, **2020**, 4, 702-711	12.3	10
43	Response of coccinellid larvae to conspecific and heterospecific larval tracks: a mechanism that reduces cannibalism and intraguild predation. *Environmental Entomology*, **2011**, 40, 103-10	2.1	10
42	Environmental variation in ecological communities and inferences from single-species data. *Ecology* , **2009**, 90, 1268-78	4.6	10
41	Aphidius ervi (Hymenoptera: Braconidae) Increases Its Adult Size by Disrupting Host Wing Development. *Environmental Entomology*, **2004**, 33, 1523-1527	2.1	10
40	Life history and habitat explain variation among insect pest populations subject to global change. *Ecosphere*, **2018**, 9, e02274	3.1	9
39	Intrinsic and extrinsic drivers of succession: Effects of habitat age and season on an aquatic insect community. *Ecological Entomology*, **2014**, 39, 316-324	2.1	8
38	Behavior Influences Whether Intra-Guild Predation Disrupts Herbivore Suppression by Parasitoids71-91		8
37	Trade-Offs (and Constraints) in Organismal Biology.. *Physiological and Biochemical Zoology*, **2022**, 95, 82-112	2	8
36	Statistical inference for trends in spatiotemporal data. *Remote Sensing of Environment*, **2021**, 266, 112678	13.2	8
35	Multilevel statistical models and the analysis of experimental data. *Ecology*, **2013**, 94, 1479-86	4.6	7
34	The potential role of intrinsic processes in generating abrupt and quasi-synchronous tree declines during the Holocene. *Ecology*, **2019**, 100, e02579	4.6	6
33	Responses of orb-weaving spider aggregations to spatiotemporal variation in lake-to-land subsidies at Lake M□atn, Iceland. *Polar Biology*, **2018**, 41, 1547-1554	2	6
32	Responses of benthic algae to nutrient enrichment in a shallow lake: Linking community production, biomass, and composition. *Freshwater Biology*, **2019**, 64, 1833-1847	3.1	6
31	Spatiotemporal trends in crop yields, yield variability, and yield gaps across the USA. *Crop Science*, **2020**, 60, 2085-2101	2.4	5
30	Informative Irreproducibility and the Use of Experiments in Ecology. *BioScience*, **2018**, 68, 746-747	5.7	5
29	Spatiotemporal variation in the sign and magnitude of ecosystem engineer effects on lake ecosystem production. *Ecosphere*, **2019**, 10, e02760	3.1	5
28	Why do stigmas move in a flexistylous plant?. *Journal of Evolutionary Biology*, **2011**, 24, 497-504	2.3	5

27	PERIODIC MORTALITY EVENTS IN PREDATOR–PREY SYSTEMS. *Ecology*, **2000**, 81, 3330-3340	4.6	5
26	Early- and late-flowering guilds respond differently to landscape spatial structure. *Journal of Ecology*, **2018**, 106, 1033-1045	6	5
25	Midge-stabilized sediment drives the composition of benthic cladoceran communities in Lake Mývatn, Iceland. *Ecosphere*, **2017**, 8, e01659	3.1	4
24	Foraging efficiency and the fitness consequences of spatial marking by ladybeetle larvae. *Oikos*, **2013**, 122, 1238-1246	4	4
23	Novel pests and technologies: risk assessment in agroecosystems using simple models in the face of uncertainties. *Current Opinion in Environmental Sustainability*, **2011**, 3, 100-104	7.2	3
22	COMPENSATORY DYNAMICS IN PLANKTONIC COMMUNITY RESPONSES TO pH PERTURBATIONS **2000**, 81, 387		3
21	phyr: An R package for phylogenetic species-distribution modelling in ecological communities		3
20	State-by-State estimates of R0 at the start of COVID-19 outbreaks in the USA		3
19	Resource Gradients and the Distribution and Flowering of Butterwort, a Carnivorous Plant. *Annales Zoologici Fennici*, **2017**, 54, 163-173	0.9	2
18	The structure and stability of model ecosystems assembled in a variable environment. *Oikos*, **2006**, 114, 451-464	4	2
17	Testing parent-offspring conflicts in insect parasitoids. *Trends in Ecology and Evolution*, **1987**, 2, 231-233	10.9	2
16	ECOLOGICAL HISTORY AFFECTS ZOOPLANKTON COMMUNITY RESPONSES TO ACIDIFICATION **2001**, 82, 2984		2
15	R2s for Correlated Data: Phylogenetic Models, LMMs, and GLMMs		2
14	Estimating and explaining the spread of COVID-19 at the county level in the USA		2
13	Effects of light and nutrients on intraspecific competition among midges from a shallow eutrophic lake. *Ecological Entomology*, **2021**, 46, 955-963	2.1	2
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