Robert R Dunn

List of Publications by Year
in descending order

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231 papers	15,245 citations	20036 63 h-index	27587 110 g-index
247 all docs	247 docs citations	247 times ranked	20980 citing authors

#	Article	IF	Citations
1	Ecological strategies of (pl)ants: Towards a worldâ€wide worker economic spectrum for ants. Functional Ecology, 2023, 37, 13-25.	1.7	9
2	Disentangling hostâ€“microbiota complexity through hologenomics. Nature Reviews Genetics, 2022, 23, 281-297.	7.7	44
3	Sugarâ€seeking insects as a source of diverse breadâ€making yeasts with enhanced attributes. Yeast, 2022, 39, 108-127.	0.8	10
4	Warm and arid regions of the world are hotspots of superorganism complexity. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20211899.	1.2	8
5	The evolution of sour taste. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20211918.	1.2	12
6	A Theory of City Biogeography and the Origin of Urban Species. Frontiers in Conservation Science, 2022, 3, .	0.9	7
7	Citizen Science as an Ecosystem of Engagement: Implications for Learning and Broadening Participation. BioScience, 2022, 72, 651-663.	2.2	18
8	Flying insect biomass is negatively associated with urban cover in surrounding landscapes. Diversity and Distributions, 2022, 28, 1242-1254.	1.9	5
9	eDNAâ€based biomonitoring at an experimental German vineyard to characterize how management regimes shape ecosystem diversity. Environmental DNA, 2021, 3, 70-82.	3.1	14
10	A review of clothing microbiology: the history of clothing and the role of microbes in textiles. Biology Letters, 2021, 17, 20200700.	1.0	36
11	Detecting flying insects using car nets and DNA metabarcoding. Biology Letters, 2021, 17, 20200833.	1.0	18
12	Abundance of springâ€and winterâ€active arthropods declines with warming. Ecosphere, 2021, 12, e03473.	1.0	12
13	A review of sourdough starters: ecology, practices, and sensory quality with applications for baking and recommendations for future research. PeerJ, 2021, 9, e11389.	0.9	39
14	Understanding the evolution of nutritive taste in animals: Insights from biological stoichiometry and nutritional geometry. Ecology and Evolution, 2021, 11, 8441-8455.	0.8	13
15	The toughest animals of the Earth versus global warming: Effects of longâ€term experimental warming on tardigrade community structure of a temperate deciduous forest. Ecology and Evolution, 2021, 11, 9856-9863.	0.8	2
16	Structure of Chimpanzee Gut Microbiomes across Tropical Africa. MSystems, 2021, 6, e0126920.	1.7	8
17	Toward a Global Ecology of Fermented Foods. Current Anthropology, 2021, 62, S220-S232.	0.8	11
18	Ancient and modern genomes unravel the evolutionary history of the rhinoceros family. Cell, 2021, 184, 4874-4885.e16.	13.5	49

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19	A Pilot Study on Baseline Fungi and Moisture Indicator Fungi in Danish Homes. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /Over	1.5	20
20	The diversity and function of sourdough starter microbiomes. ELife, 2021, 10, .	2.8	77
21	Global Patterns and Climatic Controls of Dust-Associated Microbial Communities. Microbiology Spectrum, 2021, 9, e0144721.	1.2	8
22	Long-term trends in the occupancy of ants revealed through use of multi-sourced datasets. Biology Letters, 2021, 17, 20210240.	1.0	6
23	Structure and Functional Attributes of Bacterial Communities in Premise Plumbing Across the United States. Environmental Science & Technology, 2021, 55, 14105-14114.	4.6	15
24	Motivation and support services in citizen science insect monitoring: A cross-country study. Biological Conservation, 2021, 263, 109325.	1.9	12
25	The Future of Environmental DNA in Forensic Science. Applied and Environmental Microbiology, 2020, 86, .	1.4	27
26	Is the insect apocalypse upon us? How to find out. Biological Conservation, 2020, 241, 108327.	1.9	167
27	Global forensic geolocation with deep neural networks. Journal of the Royal Statistical Society Series C: Applied Statistics, 2020, 69, 909-929.	0.5	9
28	History and Domestication of Saccharomyces cerevisiae in Bread Baking. Frontiers in Genetics, 2020, 11, 584718.	1.1	46
29	The Coupled Influence of Thermal Physiology and Biotic Interactions on the Distribution and Density of Ant Species along an Elevational Gradient. Diversity, 2020, 12, 456.	0.7	9
30	Island area, not isolation, drives taxonomic, phylogenetic and functional diversity of ants on landâ€bridge islands. Journal of Biogeography, 2020, 47, 1627-1637.	1.4	24
31	Antimicrobial resistance and virulence factors profile of Salmonella spp. and Escherichia coli isolated from different environments exposed to anthropogenic activity. Journal of Global Antimicrobial Resistance, 2020, 22, 578-583.	0.9	17
32	Use of standardized bioinformatics for the analysis of fungal DNA signatures applied to sample provenance. Forensic Science International, 2020, 310, 110250.	1.3	9
33	The small home ranges and large local ecological impacts of pet cats. Animal Conservation, 2020, 23, 516-523.	1.5	52
34	Testing tradeâ€offs and the dominanceâ€“impoverishment rule among ant communities. Journal of Biogeography, 2020, 47, 1899-1909.	1.4	4
35	The Internal, External and Extended Microbiomes of Hominins. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	14
36	Influences of Ingredients and Bakers on the Bacteria and Fungi in Sourdough Starters and Bread. MSphere, 2020, 5, .	1.3	47

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37	High variability within pet foods prevents the identification of native species in pet catsâ€™ diets using isotopic evaluation. PeerJ, 2020, 8, e8337.	0.9	5
38	Catalyzing rapid discovery of gold-precipitating bacterial lineages with university students. PeerJ, 2020, 8, e8925.	0.9	3
39	Azteca ants maintain unique microbiomes across functionally distinct nest chambers. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191026.	1.2	14
40	Simplification of vector communities during suburban succession. PLoS ONE, 2019, 14, e0215485.	1.1	21
41	Human indoor climate preferences approximate specific geographies. Royal Society Open Science, 2019, 6, 180695.	1.1	14
42	Public questions spur the discovery of new bacterial species associated with lignin bioconversion of industrial waste. Royal Society Open Science, 2019, 6, 180748.	1.1	11
43	Contemporary climatic analogs for 540 North American urban areas in the late 21st century. Nature Communications, 2019, 10, 614.	5.8	78
44	From Pavement to Population Genomics: Characterizing a Long-Established Non-native Ant in North America Through Citizen Science and ddRADseq. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	18
45	Citizen Science in Schools: Students Collect Valuable Mammal Data for Science, Conservation, and Community Engagement. BioScience, 2019, 69, 69-79.	2.2	42
46	Biodiversityâ€“ecosystem function relationships on bodies and in buildings. Nature Ecology and Evolution, 2019, 3, 7-9.	3.4	2
47	A nonparametric spatial test to identify factors that shape a microbiome. Annals of Applied Statistics, 2019, 13, .	0.5	2
48	Exotic urban trees conserve similar natural enemy communities to native congeners but have fewer pests. PeerJ, 2019, 7, e6531.	0.9	18
49	Childrenâ€™s attitudes towards animals are similar across suburban, exurban, and rural areas. PeerJ, 2019, 7, e7328.	0.9	17
50	Draft <i>Aphaenogaster</i> genomes expand our view of ant genome size variation across climate gradients. PeerJ, 2019, 7, e6447.	0.9	1
51	Do Bee Wings Adapt for Flight in Urban Environments?. Southeastern Naturalist, 2019, 18, 183.	0.2	2
52	Urbanization disrupts latitudeâ€size rule in 17â€year cicadas. Ecology and Evolution, 2018, 8, 2534-2541.	0.8	11
53	External immunity in ant societies: sociality and colony size do not predict investment in antimicrobials. Royal Society Open Science, 2018, 5, 171332.	1.1	14
54	The ecosystem services of animal microbiomes. Molecular Ecology, 2018, 27, 2164-2172.	2.0	80

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55	Homogenizing an urban habitat mosaic: arthropod diversity declines in New York City parks after Super Storm Sandy. Ecological Applications, 2018, 28, 225-236.	1.8	12
56	The ecology of insectâ€"yeast relationships and its relevance to human industry. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172733.	1.2	86
57	Habitat disturbance selects against both small and large species across varying climates. Ecography, 2018, 41, 1184-1193.	2.1	51
58	Leveraging natural capital to solve the shared education and conservation crisis. Conservation Biology, 2018, 32, 490-492.	2.4	9
59	Variation in range size and dispersal capabilities of microbial taxa. Ecology, 2018, 99, 322-334.	1.5	57
60	The role of citizen science in addressing grand challenges in food and agriculture research. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181977.	1.2	97
61	Antibiotic and pesticide susceptibility and the Anthropocene operating space. Nature Sustainability, 2018, 1, 632-641.	11.5	74
62	Variation in photosynthesis and stomatal conductance among red maple (Acer rubrum) urban planted cultivars and wildtype trees in the southeastern United States. PLoS ONE, 2018, 13, e0197866.	1.1	19
63	Microbial nitrogen limitation in the mammalian large intestine. Nature Microbiology, 2018, 3, 1441-1450.	5.9	107
64	Inbreeding tolerance as a preâ€adapted trait for invasion success in the invasive ant <i>Brachyponera chinensis</i>. Molecular Ecology, 2018, 27, 4711-4724.	2.0	28
65	Ecological Analyses of Mycobacteria in Showerhead Biofilms and Their Relevance to Human Health. MBio, 2018, 9, .	1.8	90
66	Macroecology to Unite All Life, Large and Small. Trends in Ecology and Evolution, 2018, 33, 731-744.	4.2	118
67	Ecology of sleeping: the microbial and arthropod associates of chimpanzee beds. Royal Society Open Science, 2018, 5, 180382.	1.1	7
68	American Gut: an Open Platform for Citizen Science Microbiome Research. MSystems, 2018, 3, .	1.7	604
69	Dominanceâ€"diversity relationships in ant communities differ with invasion. Global Change Biology, 2018, 24, 4614-4625.	4.2	39
70	<p class="HeadingRunIn">The Exoskeletons in our Closets: A synthesis of research from the â€˜Arthropods of our Homesâ€™ project in Raleigh, NC</p>. Zoosymposia, 2018, 12, 64-68.	0.3	0
71	Getting ahead of the curve: cities as surrogates for global change. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180643.	1.2	60
72	Drivers of Microbiome Biodiversity: A Review of General Rules, Feces, and Ignorance. MBio, 2018, 9, .	1.8	230

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73	Biodiversity and socioeconomics in the city: a review of the luxury effect. Biology Letters, 2018, 14, 20180082.	1.0	145
74	Collaboration: Ants, Art, and Science. American Scientist, 2018, 106, 156.	0.1	0
75	Processâ€based modelling shows how climate and demography shape language diversity. Global Ecology and Biogeography, 2017, 26, 584-591.	2.7	22
76	Higher immunocompetence is associated with higher genetic diversity in feral honey bee colonies (Apis) Tj ETQq0 0 0 rgBT /Overlock 10	0.8	25
77	The neglected geography of human pathogens and diseases. Nature Ecology and Evolution, 2017, 1, 190.	3.4	8
78	Heat tolerance predicts the importance of species interaction effects as the climate changes. Integrative and Comparative Biology, 2017, 57, 112-120.	0.9	35
79	Experimental winter warming modifies thermal performance and primes acorn ants for warm weather. Journal of Insect Physiology, 2017, 100, 77-81.	0.9	12
80	A global database of ant species abundances. Ecology, 2017, 98, 883-884.	1.5	37
81	<i>GlobalAnts</i>: a new database on the geography of ant traits (Hymenoptera: Formicidae). Insect Conservation and Diversity, 2017, 10, 5-20.	1.4	119
82	Beyond thermal limits: comprehensive metrics of performance identify key axes of thermal adaptation in ants. Functional Ecology, 2017, 31, 1091-1100.	1.7	59
83	The Habitats Humans Provide: Factors affecting the diversity and composition of arthropods in houses. Scientific Reports, 2017, 7, 15347.	1.6	10
84	Radiocarbon analysis reveals expanded diet breadth associates with the invasion of a predatory ant. Scientific Reports, 2017, 7, 15016.	1.6	14
85	Unique Down to Our Microbesâ€"Assessment of an Inquiry-Based Metagenomics Activity. Journal of Microbiology and Biology Education, 2017, 18, .	0.5	16
86	Responses of arthropod populations to warming depend on latitude: evidence from urban heat islands. Global Change Biology, 2017, 23, 1436-1447.	4.2	64
87	The Global Synanthrome Project: A Call for an Exhaustive Study of Human Associates. Trends in Parasitology, 2017, 33, 4-7.	1.5	6
88	Molecular analysis of environmental plant DNA in house dust across the United States. Aerobiologia, 2017, 33, 71-86.	0.7	25
89	What's in Your School Yard? Using Citizen Science Wildlife Cameras to Conduct Authentic Scientific Investigations. Science Scope (Washington, D C), 2017, 041, .	0.1	3
90	Use antimicrobials wisely. Nature, 2016, 537, 159-161.	13.7	47

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91	Lactobacilli Dominance and Vaginal pH: Why Is the Human Vaginal Microbiome Unique?. Frontiers in Microbiology, 2016, 7, 1936.	1.5	257
92	The effect of habitual and experimental antiperspirant and deodorant product use on the armpit microbiome. PeerJ, 2016, 4, e1605.	0.9	49
93	Biodiversity gradients in obligate symbiotic organisms: exploring the diversity and traits of lichen propagules across the United States. Journal of Biogeography, 2016, 43, 1667-1678.	1.4	28
94	Using evolutionary tools to search for novel psychoactive plants. Plant Genetic Resources: Characterisation and Utilisation, 2016, 14, 246-255.	0.4	13
95	The Tragedy of the Unexamined Cat: Why Kâ€“12 and University Education Are Still in the Dark Ages and How Citizen Science Allows for a Renaissance. Journal of Microbiology and Biology Education, 2016, 17, 4-6.	0.5	6
96	Urban warming reduces aboveground carbon storage. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161574.	1.2	57
97	Stomatal acclimation to vapour pressure deficit doubles transpiration of small tree seedlings with warming. Plant, Cell and Environment, 2016, 39, 2221-2234.	2.8	71
98	Exoskeletons and economics: indoor arthropod diversity increases in affluent neighbourhoods. Biology Letters, 2016, 12, 20160322.	1.0	19
99	Life Inside an Acorn: How Microclimate and Microbes Influence Nest Organization in <i>Temnothorax</i> Ants. Ethology, 2016, 122, 790-797.	0.5	21
100	Democratizing evolutionary biology, lessons from insects. Current Opinion in Insect Science, 2016, 18, 89-92.	2.2	7
101	Climatic warming destabilizes forest ant communities. Science Advances, 2016, 2, e1600842.	4.7	53
102	The diversity of arthropods in homes across the United States as determined by environmental DNA analyses. Molecular Ecology, 2016, 25, 6214-6224.	2.0	45
103	The Evolution of Human Skin and the Thousands of Species It Sustains, with Ten Hypothesis of Relevance to Doctors. , 2016, , 57-66.		1
104	Symbiosis in the Soil: Citizen Microbiology in Middle and High School Classrooms. Journal of Microbiology and Biology Education, 2016, 17, 60-62.	0.5	6
105	The contribution of human foods to honey bee diets in a mid-sized metropolis. Journal of Urban Ecology, 2016, 2, juw001.	0.6	9
106	Thermal reactionomes reveal divergent responses to thermal extremes in warm and cool-climate ant species. BMC Genomics, 2016, 17, 171.	1.2	19
107	Diversity and evolution of the primate skin microbiome. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152586.	1.2	58
108	Reduced cellular immune response in social insect lineages. Biology Letters, 2016, 12, 20150984.	1.0	39

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109	Urban stress is associated with variation in microbial species compositionâ€"but not richnessâ€"in Manhattan. ISME Journal, 2016, 10, 751-760.	4.4	86
110	Arthropods of the great indoors: characterizing diversity inside urban and suburban homes. PeerJ, 2016, 4, e1582.	0.9	56
111	Microbial diversity of extreme habitats in human homes. PeerJ, 2016, 4, e2376.	0.9	21
112	The Evolution of Stomach Acidity and Its Relevance to the Human Microbiome. PLoS ONE, 2015, 10, e0134116.	1.1	253
113	High diversity in an urban habitat: are some animal assemblages resilient to long-term anthropogenic change?. Urban Ecosystems, 2015, 18, 449-463.	1.1	35
114	Global divergence of the human follicle mite <i>Demodex folliculorum</i> : Persistent associations between host ancestry and mite lineages. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15958-15963.	3.3	50
115	Evolution of the indoor biome. Trends in Ecology and Evolution, 2015, 30, 223-232.	4.2	75
116	Temperature alone does not explain phenological variation of diverse temperate plants under experimental warming. Global Change Biology, 2015, 21, 3138-3151.	4.2	66
117	Rob Dunn. Current Biology, 2015, 25, R212-R214.	1.8	0
118	Continental-scale distributions of dust-associated bacteria and fungi. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5756-5761.	3.3	372
119	Climate mediates the effects of disturbance on ant assemblage structure. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150418.	1.2	58
120	Stable isotopes reveal links between human food inputs and urban ant diets. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142608.	1.2	60
121	Shared and unique responses of insects to the interaction of urbanization and background climate. Current Opinion in Insect Science, 2015, 11, 71-77.	2.2	34
122	The ecology of microscopic life in household dust. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151139.	1.2	205
123	Habitat and species identity, not diversity, predict the extent of refuse consumption by urban arthropods. Global Change Biology, 2015, 21, 1103-1115.	4.2	47
124	Do cities simulate climate change? A comparison of herbivore response to urban and global warming. Global Change Biology, 2015, 21, 97-105.	4.2	120
125	Fineâ€scale heterogeneity across Manhattan's urban habitat mosaic is associated with variation in ant composition and richness. Insect Conservation and Diversity, 2015, 8, 216-228.	1.4	43
126	Fungi Identify the Geographic Origin of Dust Samples. PLoS ONE, 2015, 10, e0122605.	1.1	53

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127	Identidades hÃbridas: explorando individualidade e conetividade atravÃ©s do microbioma. Midas: Museus E Estudos Interdisciplinares, 2015, , .	0.0	0
128	Using Historical and Experimental Data to Reveal Warming Effects on Ant Assemblages. PLoS ONE, 2014, 9, e88029.	1.1	24
129	Ecologists, educators, and writers collaborate with the public to assess backyard diversity in The School of Ants Project. Ecosphere, 2014, 5, 1-23.	1.0	59
130	Ectoparasites in Black-footed Ferrets (<i>Mustela nigripes</i>) from the Largest Reintroduced Population of the Conata Basin, South Dakota, USA. Journal of Wildlife Diseases, 2014, 50, 340-343.	0.3	18
131	Early pest development and loss of biological control are associated with urban warming. Biology Letters, 2014, 10, 20140586.	1.0	81
132	Global biogeographic regions in a humanâ€dominated world: the case of human diseases. Ecosphere, 2014, 5, 1-21.	1.0	15
133	Predicting future coexistence in a N orth A merican ant community. Ecology and Evolution, 2014, 4, 1804-1819.	0.8	16
134	Temporal variability is a personalized feature of the human microbiome. Genome Biology, 2014, 15, 531.	3.8	355
135	Key players and hierarchical organization of prairie dog social networks. Ecological Complexity, 2014, 19, 140-147.	1.4	11
136	How many and which ant species are being accidentally moved around the world?. Biology Letters, 2014, 10, 20140518.	1.0	15
137	Unexpected phenological responses of butterflies to the interaction of urbanization and geographic temperature. Ecology, 2014, 95, 2613-2621.	1.5	65
138	How many and which ant species are being accidentally moved around the world?. Biology Letters, 2014, 10, 20140504.	1.0	0
139	Are winter-active species vulnerable to climate warming? A case study with the wintergreen terrestrial orchid, Tipularia discolor. Oecologia, 2014, 176, 1161-1172.	0.9	9
140	Changes in ant community composition caused by 20 years of experimental warming vs. 13 years of natural climate shift. Ecosphere, 2014, 5, 1-17.	1.0	25
141	Interactions in a warmer world: effects of experimental warming, conspecific density, and herbivory on seedling dynamics. Ecosphere, 2014, 5, 1-12.	1.0	6
142	The Southern Megalopolis: Using the Past to Predict the Future of Urban Sprawl in the Southeast U.S. PLoS ONE, 2014, 9, e102261.	1.1	178
143	Ubiquity and Diversity of Human-Associated Demodex Mites. PLoS ONE, 2014, 9, e106265.	1.1	51
144	Ant-mediated seed dispersal in a warmed world. PeerJ, 2014, 2, e286.	0.9	28

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145	Microbial communities respond to experimental warming, but site matters. PeerJ, 2014, 2, e358.	0.9	43
146	Too big to be noticed: cryptic invasion of Asian camel crickets in North American houses. PeerJ, 2014, 2, e523.	0.9	14
147	Toward a Mechanistic Understanding of Linguistic Diversity. BioScience, 2013, 63, 524-535.	2.2	62
148	Tradeoffs, competition, and coexistence in eastern deciduous forest ant communities. Oecologia, 2013, 171, 981-992.	0.9	71
149	How many and which ant species are being accidentally moved around the world?. Biology Letters, 2013, 9, 20130540.	1.0	4
150	Environmental and historical imprints on beta diversity: insights from variation in rates of species turnover along gradients. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131201.	1.2	145
151	Endemism in hostâ€"parasite interactions among island populations of an endangered species. Diversity and Distributions, 2013, 19, 377-385.	1.9	13
152	Conservation implications of divergent global patterns of ant and vertebrate diversity. Diversity and Distributions, 2013, 19, 1084-1092.	1.9	20
153	Effect of climate change on breeding phenology, clutch size and chick survival of an upland bird. Ibis, 2013, 155, 456-463.	1.0	35
154	Species loss on spatial patterns and composition of zoonotic parasites. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131847.	1.2	12
155	Using Physiology to Predict the Responses of Ants to Climatic Warming. Integrative and Comparative Biology, 2013, 53, 965-974.	0.9	35
156	Foraging by forest ants under experimental climatic warming: a test at two sites. Ecology and Evolution, 2013, 3, 482-491.	0.8	73
157	Urban Warming Drives Insect Pest Abundance on Street Trees. PLoS ONE, 2013, 8, e59687.	1.1	166
158	Home Life: Factors Structuring the Bacterial Diversity Found within and between Homes. PLoS ONE, 2013, 8, e64133.	1.1	277
159	Tracing the Rise of Ants - Out of the Ground. PLoS ONE, 2013, 8, e84012.	1.1	60
160	Strong influence of regional species pools on continent-wide structuring of local communities. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 266-274.	1.2	102
161	A physiological traitâ€based approach to predicting the responses of species to experimental climate warming. Ecology, 2012, 93, 2305-2312.	1.5	113
162	Common garden experiments reveal uncommon responses across temperatures, locations, and species of ants. Ecology and Evolution, 2012, 2, 3009-3015.	0.8	35

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163	Coextinction and Persistence of Dependent Species in a Changing World. Annual Review of Ecology, Evolution, and Systematics, 2012, 43, 183-203.	3.8	204
164	Global models of ant diversity suggest regions where new discoveries are most likely are under disproportionate deforestation threat. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7368-7373.	3.3	70
165	Redispersal of seeds by a keystone ant augments the spread of common wildflowers. Acta Oecologica, 2012, 40, 31-39.	0.5	39
166	Simulating the effects of the southern pine beetle on regional dynamics 60 years into the future. Ecological Modelling, 2012, 244, 93-103.	1.2	10
167	Mycangia of Ambrosia Beetles Host Communities of Bacteria. Microbial Ecology, 2012, 64, 784-793.	1.4	60
168	Tradeoffs in the Evolution of Caste and Body Size in the Hyperdiverse Ant Genus Pheidole. PLoS ONE, 2012, 7, e48202.	1.1	14
169	A checklist of the ants of China. Zootaxa, 2012, 3558, 1.	0.2	46
170	Who likes it hot? A global analysis of the climatic, ecological, and evolutionary determinants of warming tolerance in ants. Global Change Biology, 2012, 18, 448-456.	4.2	179
171	Effects of Treefall Gap Disturbances on Ant Assemblages in a Tropical Montane Cloud Forest. Biotropica, 2012, 44, 472-478.	0.8	14
172	Disruption of ant-seed dispersal mutualisms by the invasive Asian needle ant (Pachycondyla chinensis). Biological Invasions, 2012, 14, 557-565.	1.2	54
173	A Jungle in There: Bacteria in Belly Buttons are Highly Diverse, but Predictable. PLoS ONE, 2012, 7, e47712.	1.1	69
174	Every Species Is an Insect (or Nearly So): On Insects, Climate Change, Extinction, and the Biological Unknown. , 2012, , 217-237.		3
175	The sudden emergence of pathogenicity in insectâ€“fungus symbioses threatens naive forest ecosystems. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2866-2873.	1.2	207
176	The mixed effects of experimental ant removal on seedling distribution, belowground invertebrates, and soil nutrients. Ecosphere, 2011, 2, art63.	1.0	31
177	Heating up the forest: openâ€top chamber warming manipulation of arthropod communities at Harvard and Duke Forests. Methods in Ecology and Evolution, 2011, 2, 534-540.	2.2	57
178	Global diversity in light of climate change: the case of ants. Diversity and Distributions, 2011, 17, 652-662.	1.9	87
179	Elevational gradients in phylogenetic structure of ant communities reveal the interplay of biotic and abiotic constraints on diversity. Ecography, 2011, 34, 364-371.	2.1	179
180	Forecasting the future of biodiversity: a test of single- and multi-species models for ants in North America. Ecography, 2011, 34, 836-847.	2.1	81

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181	Urban areas may serve as habitat and corridors for dry-adapted, heat tolerant species; an example from ants. Urban Ecosystems, 2011, 14, 135-163.	1.1	103
182	Effects of short-term warming on low and high latitude forest ant communities. Ecosphere, 2011, 2, art62.	1.0	29
183	Global Mapping of Ecosystem Disservices: The Unspoken Reality that Nature Sometimes Kills us. Biotropica, 2010, 42, 555-557.	0.8	149
184	Using host associations to predict spatial patterns in the species richness of the parasites of North American carnivores. Ecology Letters, 2010, 13, 1411-1418.	3.0	34
185	Is It Easy to Be Urban? Convergent Success in Urban Habitats among Lineages of a Widespread Native Ant. PLoS ONE, 2010, 5, e9194.	1.1	40
186	Biodiversity on Broadway - Enigmatic Diversity of the Societies of Ants (Formicidae) on the Streets of New York City. PLoS ONE, 2010, 5, e13222.	1.1	67
187	More individuals but fewer species: testing the â€˜more individuals hypothesisâ€™ in a diverse tropical fauna. Biology Letters, 2010, 6, 490-493.	1.0	35
188	Canopy and litter ant assemblages share similar climateâ€“species density relationships. Biology Letters, 2010, 6, 769-772.	1.0	23
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