

# Nathan J Sanders

## List of Publications by Year in descending order

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Version: 2024-02-01

183  
papers

14,973  
citations

26610

56  
h-index

20943

115  
g-index

189  
all docs

189  
docs citations

189  
times ranked

16417  
citing authors

#	ARTICLE	IF	CITATIONS
1	Navigating the multiple meanings of $\hat{I}^2$ diversity: a roadmap for the practicing ecologist. <i>Ecology Letters</i> , 2011, 14, 19-28.	3.0	1,899
2	Plant Genotypic Diversity Predicts Community Structure and Governs an Ecosystem Process. <i>Science</i> , 2006, 313, 966-968.	6.0	719
3	Disentangling the Drivers of $\hat{I}^2$ Diversity Along Latitudinal and Elevational Gradients. <i>Science</i> , 2011, 333, 1755-1758.	6.0	617
4	Community and Ecosystem Responses to Elevational Gradients: Processes, Mechanisms, and Insights for Global Change. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2013, 44, 261-280.	3.8	484
5	The links between ecosystem multifunctionality and above- and belowground biodiversity are mediated by climate. <i>Nature Communications</i> , 2015, 6, 8159.	5.8	471
6	Shifting plant species composition in response to climate change stabilizes grassland primary production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4051-4056.	3.3	431
7	Community disassembly by an invasive species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2474-2477.	3.3	378
8	The patterns and causes of elevational diversity gradients. <i>Ecography</i> , 2012, 35, 1-3.	2.1	363
9	The biogeography of prediction error: why does the introduced range of the fire ant over-predict its native range?. <i>Global Ecology and Biogeography</i> , 2007, 16, 24-33.	2.7	300
10	Elevational gradients in ant species richness: area, geometry, and Rapoport's rule. <i>Ecography</i> , 2002, 25, 25-32.	2.1	284
11	Lags in the response of mountain plant communities to climate change. <i>Global Change Biology</i> , 2018, 24, 563-579.	4.2	279
12	Compounded effects of climate change and habitat alteration shift patterns of butterfly diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2088-2092.	3.3	269
13	Temperature, but not productivity or geometry, predicts elevational diversity gradients in ants across spatial grains. <i>Global Ecology and Biogeography</i> , 2007, 16, 640-649.	2.7	249
14	Interaction rewiring and the rapid turnover of plant-pollinator networks. <i>Ecology Letters</i> , 2017, 20, 385-394.	3.0	246
15	Climatic drivers of hemispheric asymmetry in global patterns of ant species richness. <i>Ecology Letters</i> , 2009, 12, 324-333.	3.0	233
16	Coefficient shifts in geographical ecology: an empirical evaluation of spatial and non-spatial regression. <i>Ecography</i> , 2009, 32, 193-204.	2.1	231
17	Convergent effects of elevation on functional leaf traits within and among species. <i>Functional Ecology</i> , 2014, 28, 37-45.	1.7	203
18	Elevation alters ecosystem properties across temperate treelines globally. <i>Nature</i> , 2017, 542, 91-95.	13.7	200

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19	Climate change, plant migration, and range collapse in a global biodiversity hotspot: the <i>Banksia</i> (Proteaceae) of Western Australia. <i>Global Change Biology</i> , 2008, 14, 1337-1352.	4.2	196
20	Latitude, elevational climatic zonation and speciation in New World vertebrates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 194-201.	1.2	186
21	The origin and maintenance of montane diversity: integrating evolutionary and ecological processes. <i>Ecography</i> , 2014, 37, 711-719.	2.1	182
22	Elevational gradients in phylogenetic structure of ant communities reveal the interplay of biotic and abiotic constraints on diversity. <i>Ecography</i> , 2011, 34, 364-371.	2.1	179
23	Understanding (insect) species distributions across spatial scales. <i>Ecography</i> , 2010, 33, 51-53.	2.1	158
24	Intraspecific diversity and dominant genotypes resist plant invasions. <i>Ecology Letters</i> , 2008, 11, 16-23.	3.0	150
25	Environmental and historical imprints on beta diversity: insights from variation in rates of species turnover along gradients. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131201.	1.2	145
26	Drivers of future alien species impacts: An expert-based assessment. <i>Global Change Biology</i> , 2020, 26, 4880-4893.	4.2	145
27	A GLOBAL EVALUATION OF METABOLIC THEORY AS AN EXPLANATION FOR TERRESTRIAL SPECIES RICHNESS GRADIENTS. <i>Ecology</i> , 2007, 88, 1877-1888.	1.5	139
28	Patterns of ant species richness along elevational gradients in an arid ecosystem. <i>Global Ecology and Biogeography</i> , 2003, 12, 93-102.	2.7	136
29	Relative roles of climatic suitability and anthropogenic influence in determining the pattern of spread in a global invader. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 220-225.	3.3	128
30	Non-native and native organisms moving into high elevation and high latitude ecosystems in an era of climate change: new challenges for ecology and conservation. <i>Biological Invasions</i> , 2016, 18, 345-353.	1.2	127
31	Alpine grassland plants grow earlier and faster but biomass remains unchanged over 35 years of climate change. <i>Ecology Letters</i> , 2020, 23, 701-710.	3.0	124
32	Stochastic and deterministic drivers of spatial and temporal turnover in breeding bird communities. <i>Global Ecology and Biogeography</i> , 2013, 22, 202-212.	2.7	121
33	Consistently inconsistent drivers of microbial diversity and abundance at macroecological scales. <i>Ecology</i> , 2017, 98, 1757-1763.	1.5	119
34	<i>GlobalAnts</i> : a new database on the geography of ant traits (Hymenoptera: Formicidae). <i>Insect Conservation and Diversity</i> , 2017, 10, 5-20.	1.4	119
35	Macroecology to Unite All Life, Large and Small. <i>Trends in Ecology and Evolution</i> , 2018, 33, 731-744.	4.2	118
36	A physiological trait-based approach to predicting the responses of species to experimental climate warming. <i>Ecology</i> , 2012, 93, 2305-2312.	1.5	113

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37	Strong influence of regional species pools on continent-wide structuring of local communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 266-274.	1.2	102
38	Elevational Gradients in Bird Diversity in the Eastern Himalaya: An Evaluation of Distribution Patterns and Their Underlying Mechanisms. <i>PLoS ONE</i> , 2011, 6, e29097.	1.1	89
39	Global diversity in light of climate change: the case of ants. <i>Diversity and Distributions</i> , 2011, 17, 652-662.	1.9	87
40	Temperature-mediated coexistence in temperate forest ant communities. <i>Insectes Sociaux</i> , 2009, 56, 149-156.	0.7	85
41	Fifty Years of Mountain Passes: A Perspective on Dan Janzen's Classic Article. <i>American Naturalist</i> , 2018, 191, 553-565.	1.0	85
42	HOST-PLANT GENOTYPIC DIVERSITY MEDIATES THE DISTRIBUTION OF AN ECOSYSTEM ENGINEER. <i>Ecology</i> , 2007, 88, 2114-2120.	1.5	83
43	Assembly rules of ground-foraging ant assemblages are contingent on disturbance, habitat and spatial scale. <i>Journal of Biogeography</i> , 2007, 34, 1632-1641.	1.4	83
44	RESOURCE-DEPENDENT INTERACTIONS AND THE ORGANIZATION OF DESERT ANT COMMUNITIES. <i>Ecology</i> , 2003, 84, 1024-1031.	1.5	82
45	Invasive ants alter the phylogenetic structure of ant communities. <i>Ecology</i> , 2009, 90, 2664-2669.	1.5	81
46	Forecasting the future of biodiversity: a test of single- and multi-species models for ants in North America. <i>Ecography</i> , 2011, 34, 836-847.	2.1	81
47	Species interactions and thermal constraints on ant community structure. <i>Oikos</i> , 2010, 119, 551-559.	1.2	77
48	Relative importance of climate vs local factors in shaping the regional patterns of forest plant richness across northeast China. <i>Ecography</i> , 2009, 32, 133-142.	2.1	74
49	When does diversity fit null model predictions? Scale and range size mediate the mid-domain effect. <i>Global Ecology and Biogeography</i> , 2007, 16, 305-312.	2.7	73
50	Foraging by forest ants under experimental climatic warming: a test at two sites. <i>Ecology and Evolution</i> , 2013, 3, 482-491.	0.8	73
51	Long-term dynamics of the distribution of the invasive Argentine ant, <i>Linepithema humile</i> , and native ant taxa in northern California. <i>Oecologia</i> , 2001, 127, 123-130.	0.9	71
52	Tradeoffs, competition, and coexistence in eastern deciduous forest ant communities. <i>Oecologia</i> , 2013, 171, 981-992.	0.9	71
53	Determinants of the detrital arthropod community structure: the effects of temperature and resources along an environmental gradient. <i>Oikos</i> , 2011, 120, 333-343.	1.2	70
54	An Ant Mosaic Revisited: Dominant Ant Species Disassemble Arboreal Ant Communities but Co-Occur Randomly. <i>Biotropica</i> , 2007, 39, 422-427.	0.8	65

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55	Variation in seed dispersal along an elevational gradient in Great Smoky Mountains National Park. <i>Acta Oecologica</i> , 2008, 34, 155-162.	0.5	65
56	Linking soil food web structure to above- and belowground ecosystem processes: a meta-analysis. <i>Oikos</i> , 2010, 119, 1984-1992.	1.2	63
57	Global urban environmental change drives adaptation in white clover. <i>Science</i> , 2022, 375, 1275-1281.	6.0	62
58	Beyond thermal limits: comprehensive metrics of performance identify key axes of thermal adaptation in ants. <i>Functional Ecology</i> , 2017, 31, 1091-1100.	1.7	59
59	Climate mediates the effects of disturbance on ant assemblage structure. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150418.	1.2	58
60	Heating up the forest: open-top chamber warming manipulation of arthropod communities at Harvard and Duke Forests. <i>Methods in Ecology and Evolution</i> , 2011, 2, 534-540.	2.2	57
61	Disparate effects of plant genotypic diversity on foliage and litter arthropod communities. <i>Oecologia</i> , 2008, 158, 65-75.	0.9	56
62	Rainfall facilitates the spread, and time alters the impact, of the invasive Argentine ant. <i>Oecologia</i> , 2008, 155, 385-395.	0.9	56
63	Comparing intra- and inter-specific effects on litter decomposition in an old-field ecosystem. <i>Basic and Applied Ecology</i> , 2009, 10, 535-543.	1.2	56
64	Node-by-node disassembly of a mutualistic interaction web driven by species introductions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16503-16507.	3.3	56
65	Herbarium specimens reveal increasing herbivory over the past century. <i>Journal of Ecology</i> , 2019, 107, 105-117.	1.9	56
66	Temporal patterns of diversity: assessing the biotic and abiotic controls on ant assemblages. <i>Biological Journal of the Linnean Society</i> , 2007, 91, 191-201.	0.7	54
67	Disruption of ant-seed dispersal mutualisms by the invasive Asian needle ant ( <i>Pachycondyla chinensis</i> ). <i>Biological Invasions</i> , 2012, 14, 557-565.	1.2	54
68	Geographical variation in the importance of water and energy for oak diversity. <i>Journal of Biogeography</i> , 2016, 43, 279-288.	1.4	54
69	Biological Invaders in a Greenhouse World: Will Elevated CO <sub>2</sub> Fuel Plant Invasions?. <i>Frontiers in Ecology and the Environment</i> , 2003, 1, 146.	1.9	53
70	Climatic warming destabilizes forest ant communities. <i>Science Advances</i> , 2016, 2, e1600842.	4.7	53
71	The effects of fire, local environment and time on ant assemblages in fens and forests. <i>Diversity and Distributions</i> , 2005, 11, 487-497.	1.9	50
72	METABOLIC THEORY AND DIVERSITY GRADIENTS: WHERE DO WE GO FROM HERE?. <i>Ecology</i> , 2007, 88, 1898-1902.	1.5	47

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73	The effects of interspecific interactions on resource use and behavior in a desert ant. <i>Oecologia</i> , 2000, 125, 436-443.	0.9	44
74	Biotic and abiotic influences on native and exotic richness relationship across spatial scales: favourable environments for native species are highly invasible. <i>Functional Ecology</i> , 2011, 25, 1106-1112.	1.7	44
75	Synchronous behavioural shifts in reef fishes linked to mass coral bleaching. <i>Nature Climate Change</i> , 2018, 8, 986-991.	8.1	44
76	Plant genetics shapes inquiline community structure across spatial scales. <i>Ecology Letters</i> , 2009, 12, 285-292.	3.0	43
77	Microbial communities respond to experimental warming, but site matters. <i>PeerJ</i> , 2014, 2, e358.	0.9	43
78	A distributed experiment demonstrates widespread sodium limitation in grassland food webs. <i>Ecology</i> , 2019, 100, e02600.	1.5	42
79	Sodium limits and catalyzes macronutrients in a prairie food web. <i>Ecology</i> , 2017, 98, 315-320.	1.5	40
80	The effect of natural disturbances on forest biodiversity: an ecological synthesis. <i>Biological Reviews</i> , 2022, 97, 1930-1947.	4.7	40
81	Niche filtering rather than partitioning shapes the structure of temperate forest ant communities. <i>Journal of Animal Ecology</i> , 2014, 83, 943-952.	1.3	39
82	Dominance-diversity relationships in ant communities differ with invasion. <i>Global Change Biology</i> , 2018, 24, 4614-4625.	4.2	39
83	Temporal dynamics in non-additive responses of arthropods to host-plant genotypic diversity. <i>Oikos</i> , 2008, 117, 255-264.	1.2	38
84	Plant phenological sensitivity to climate change on the Tibetan Plateau and relative to other areas of the world. <i>Ecosphere</i> , 2019, 10, e02543.	1.0	38
85	Response of macroarthropod assemblages to the loss of hemlock ( <i>Tsuga canadensis</i> ), a foundation species. <i>Ecosphere</i> , 2011, 2, art74.	1.0	37
86	A global database of ant species abundances. <i>Ecology</i> , 2017, 98, 883-884.	1.5	37
87	The recovery of ant communities in regenerating temperate conifer forests. <i>Forest Ecology and Management</i> , 2007, 242, 619-624.	1.4	36
88	Rarity and Diversity in Forest Ant Assemblages of Great Smoky Mountains National Park. <i>Southeastern Naturalist</i> , 2007, 6, 215-228.	0.2	35
89	Common garden experiments reveal uncommon responses across temperatures, locations, and species of ants. <i>Ecology and Evolution</i> , 2012, 2, 3009-3015.	0.8	35
90	Using Physiology to Predict the Responses of Ants to Climatic Warming. <i>Integrative and Comparative Biology</i> , 2013, 53, 965-974.	0.9	35

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91	Heat tolerance predicts the importance of species interaction effects as the climate changes. <i>Integrative and Comparative Biology</i> , 2017, 57, 112-120.	0.9	35
92	Disturbance alters local–regional richness relationships in Appalachian forests. <i>Ecology</i> , 2009, 90, 2940-2947.	1.5	33
93	Linking Temporal and Spatial Scales in the Study of an Argentine Ant Invasion. <i>Biological Invasions</i> , 2006, 8, 501-507.	1.2	32
94	Reproductive phenologies in a diverse temperate ant fauna. <i>Ecological Entomology</i> , 2007, 32, 135-142.	1.1	32
95	Quantitative analysis of the effects of the exotic Argentine ant on seed-dispersal mutualisms. <i>Biology Letters</i> , 2009, 5, 499-502.	1.0	32
96	Metabolic theory and elevational diversity of vertebrate ectotherms. <i>Ecology</i> , 2010, 91, 601-609.	1.5	31
97	The mixed effects of experimental ant removal on seedling distribution, belowground invertebrates, and soil nutrients. <i>Ecosphere</i> , 2011, 2, art63.	1.0	31
98	INSECTS MEDIATE THE EFFECTS OF PROPAGULE SUPPLY AND RESOURCE AVAILABILITY ON A PLANT INVASION. <i>Ecology</i> , 2007, 88, 2383-2391.	1.5	30
99	Effects of co-occurring non-native invasive plant species on old-field succession. <i>Forest Ecology and Management</i> , 2014, 324, 196-204.	1.4	30
100	Multitrophic Effects of Elevated Atmospheric CO <sub>2</sub> on Understory Plant and Arthropod Communities. <i>Environmental Entomology</i> , 2004, 33, 1609-1616.	0.7	29
101	Effects of short-term warming on low and high latitude forest ant communities. <i>Ecosphere</i> , 2011, 2, art62.	1.0	29
102	Differential effects of two dominant plant species on community structure and invasibility in an old-field ecosystem. <i>Journal of Plant Ecology</i> , 2011, 4, 123-131.	1.2	29
103	Using metabolic and thermal ecology to predict temperature dependent ecosystem activity: a test with prairie ants. <i>Ecology</i> , 2018, 99, 2113-2121.	1.5	29
104	Ant-mediated seed dispersal in a warmed world. <i>PeerJ</i> , 2014, 2, e286.	0.9	28
105	The variable effects of soil nitrogen availability and insect herbivory on aboveground and belowground plant biomass in an old-field ecosystem. <i>Oecologia</i> , 2011, 167, 771-780.	0.9	27
106	Geographic differences in effects of experimental warming on ant species diversity and community composition. <i>Ecosphere</i> , 2014, 5, 1-12.	1.0	27
107	Intraspecific variation in traits reduces ability of trait-based models to predict community structure. <i>Journal of Vegetation Science</i> , 2017, 28, 1070-1081.	1.1	27
108	Multi-scale patterns of forest structure and species composition in relation to climate in northeast China. <i>Ecography</i> , 2012, 35, 1072-1082.	2.1	26

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109	Data sets matter, but so do evolution and ecology. <i>Global Ecology and Biogeography</i> , 2008, 17, 562-565.	2.7	25
110	Within and between population variation in plant traits predicts ecosystem functions associated with a dominant plant species. <i>Ecology and Evolution</i> , 2012, 2, 1151-1161.	0.8	25
111	Bottom-up when it is not top-down: Predators and plants control biomass of grassland arthropods. <i>Journal of Animal Ecology</i> , 2020, 89, 1286-1294.	1.3	25
112	The interactive effects of climate, life history, and interspecific neighbours on mortality in a population of seed harvester ants. <i>Ecological Entomology</i> , 2004, 29, 632-637.	1.1	24
113	Aphid-tending Ants Affect Secondary Users in Leaf Shelters and Rates of Herbivory on <i>Salix hookeriana</i> in a Coastal Dune Habitat. <i>American Midland Naturalist</i> , 2005, 154, 296-304.	0.2	24
114	Using Historical and Experimental Data to Reveal Warming Effects on Ant Assemblages. <i>PLoS ONE</i> , 2014, 9, e88029.	1.1	24
115	Variation in nutrient use in ant assemblages along an extensive elevational gradient on Mt Kilimanjaro. <i>Journal of Biogeography</i> , 2014, 41, 2245-2255.	1.4	24
116	Above- and below-ground effects of plant diversity depend on species origin: an experimental test with multiple invaders. <i>New Phytologist</i> , 2015, 208, 727-735.	3.5	24
117	Canopy and litter ant assemblages share similar climate-species density relationships. <i>Biology Letters</i> , 2010, 6, 769-772.	1.0	23
118	Bottom-up and top-down effects on plant communities: nutrients limit productivity, but insects determine diversity and composition. <i>Oikos</i> , 2016, 125, 566-575.	1.2	22
119	Ecosystem retrogression leads to increased insect abundance and herbivory across an island chronosequence. <i>Functional Ecology</i> , 2008, 22, 816-823.	1.7	21
120	$\beta^2$ diversity among ant communities on fragmented habitat islands: the roles of species trait, phylogeny and abundance. <i>Ecography</i> , 2021, 44, 1568-1578.	2.1	21
121	Change within and among forest communities: the influence of historic disturbance, environmental gradients, and community attributes. <i>Ecography</i> , 2010, 33, 425-434.	2.1	20
122	Relative Effects of Disturbance on Red Imported Fire Ants and Native Ant Species in a Longleaf Pine Ecosystem. <i>Conservation Biology</i> , 2011, 25, 618-622.	2.4	20
123	Salty, mild, and low plant biomass grasslands increase top-heaviness of invertebrate trophic pyramids. <i>Global Ecology and Biogeography</i> , 2020, 29, 1474-1485.	2.7	20
124	Aphid and ladybird beetle abundance depend on the interaction of spatial effects and genotypic diversity. <i>Oecologia</i> , 2012, 168, 167-174.	0.9	19
125	Thermal reactionomes reveal divergent responses to thermal extremes in warm and cool-climate ant species. <i>BMC Genomics</i> , 2016, 17, 171.	1.2	19
126	Variation in the methods leads to variation in the interpretation of biodiversity-ecosystem multifunctionality relationships. <i>Journal of Plant Ecology</i> , 2020, 13, 431-441.	1.2	17



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127	Calling by <i>Rhopalomyia solidaginis</i> alters <i>Solidago altissima</i> architecture and litter nutrient dynamics in an old-field ecosystem. <i>Plant and Soil</i> , 2008, 303, 95-103.	1.8	16
128	Predicting future coexistence in a North American ant community. <i>Ecology and Evolution</i> , 2014, 4, 1804-1819.	0.8	16
129	Detection probabilities for sessile organisms. <i>Ecosphere</i> , 2016, 7, e01546.	1.0	15
130	Sodium-enriched floral nectar increases pollinator visitation rate and diversity. <i>Biology Letters</i> , 2022, 18, 20220016.	1.0	15
131	Effects of Treefall Gap Disturbances on Ant Assemblages in a Tropical Montane Cloud Forest. <i>Biotropica</i> , 2012, 44, 472-478.	0.8	14
132	The distribution and diversity of insular ants: do exotic species play by different rules?. <i>Global Ecology and Biogeography</i> , 2016, 25, 642-654.	2.7	14
133	A multiscale framework for disentangling the roles of evenness, density, and aggregation on diversity gradients. <i>Ecology</i> , 2021, 102, e03233.	1.5	14
134	Similar biotic factors affect early establishment and abundance of an invasive plant species across spatial scales. <i>Biological Invasions</i> , 2011, 13, 255-267.	1.2	13
135	Proportion of fine roots, but not plant biomass allocation below ground, increases with elevation in arctic tundra. <i>Journal of Vegetation Science</i> , 2018, 29, 226-235.	1.1	13
136	Thirty-six years of legal and illegal wildlife trade entering the USA. <i>Oryx</i> , 2021, 55, 432-441.	0.5	13
137	Geographic Gradients. , 2009, , 38-58.		12
138	Influences on the Structure of Suburban Ant (Hymenoptera: Formicidae) Communities and the Abundance of <i>Tapinoma sessile</i> . <i>Environmental Entomology</i> , 2011, 40, 1397-1404.	0.7	12
139	Fire ants are drivers of biodiversity loss: a reply to <a href="#">Kling and Schinkel (2013)</a> . <i>Ecological Entomology</i> , 2013, 38, 540-542.	1.1	12
140	Abundance of spring- and winter-active arthropods declines with warming. <i>Ecosphere</i> , 2021, 12, e03473.	1.0	12
141	Spatial turnover of multiple ecosystem functions is more associated with plant than soil microbial $\beta$ -diversity. <i>Ecosphere</i> , 2021, 12, e03644.	1.0	12
142	On the controls of abundance for soil-dwelling organisms on the Tibetan Plateau. <i>Ecosphere</i> , 2017, 8, e01901.	1.0	11
143	Aboveground resilience to species loss but belowground resistance to nitrogen addition in a montane plant community. <i>Journal of Plant Ecology</i> , 2018, 11, 351-363.	1.2	11
144	Monitoring the influx of new species through citizen science: the first introduced ant in Denmark. <i>PeerJ</i> , 2020, 8, e8850.	0.9	11

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145	The influence of aboveground and belowground species composition on spatial turnover in nutrient pools in alpine grasslands. <i>Global Ecology and Biogeography</i> , 2022, 31, 486-500.	2.7	11
146	Actual and Inferred Checklist of the Aphids (Hemiptera: Aphididae) of the Great Smoky Mountains National Park, with Attendant Ant and Host Plant Associations. <i>Proceedings of the Entomological Society of Washington</i> , 2010, 112, 381-403.	0.0	9
147	Transparency and open processes in <i>Journal of Animal Ecology</i> . <i>Journal of Animal Ecology</i> , 2018, 87, 1-3.	1.3	9
148	The Coupled Influence of Thermal Physiology and Biotic Interactions on the Distribution and Density of Ant Species along an Elevational Gradient. <i>Diversity</i> , 2020, 12, 456.	0.7	9
149	Nests of red wood ants ( <i>Formica rufa</i> -group) are positively associated with tectonic faults: a double-blind test. <i>PeerJ</i> , 2017, 5, e3903.	0.9	9
150	Ecological strategies of (p)ants: Towards a world-wide worker economic spectrum for ants. <i>Functional Ecology</i> , 2023, 37, 13-25.	1.7	9
151	The Effects of Proximity and Colony Age on Interspecific Interference Competition between the Desert Ants <i>Pogonomyrmex barbatus</i> and <i>Aphaenogaster cockerelli</i> . <i>American Midland Naturalist</i> , 2002, 148, 376.	0.2	8
152	IMMEDIATE EFFECTS OF FIRE ON THE INVASIVE ARGENTINE ANT, <i>LINEPITHEMA HUMILE</i> . <i>Southwestern Naturalist</i> , 2004, 49, 246-250.	0.1	8
153	The effects of the invasive Argentine ant ( <i>Linepithema humile</i> ) and the native ant <i>Prenolepis imparis</i> on the structure of insect herbivore communities on willow trees ( <i>Salix lasiolepis</i> ). <i>Ecological Entomology</i> , 2008, 33, 789-795.	1.1	8
154	Response to Comments on "Disentangling the Drivers of $\beta^2$ Diversity Along Latitudinal and Elevational Gradients". <i>Science</i> , 2012, 335, 1573-1573.	6.0	8
155	Assessing the effects of sodium on fire ant foraging in the field and colony growth in the laboratory. <i>Ecological Entomology</i> , 2014, 39, 267-271.	1.1	8
156	The effects of insects, nutrients, and plant invasion on community structure and function above and belowground. <i>Ecology and Evolution</i> , 2014, 4, 732-742.	0.8	8
157	Local and latitudinal variation in abundance: the mechanisms shaping the distribution of an ecosystem engineer. <i>PeerJ</i> , 2013, 1, e100.	0.9	8
158	Warm and arid regions of the world are hotspots of superorganism complexity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20211899.	1.2	8
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