

Marc Cadotte

List of Publications by Year in descending order

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Version: 2024-02-01

203
papers

18,813
citations

22099

59
h-index

14702

127
g-index

226
all docs

226
docs citations

226
times ranked

19128
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond species: functional diversity and the maintenance of ecological processes and services. <i>Journal of Applied Ecology</i> , 2011, 48, 1079-1087.	1.9	1,545
2	Impacts of plant diversity on biomass production increase through time because of species complementarity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18123-18128.	3.3	1,175
3	TRY plant trait database "enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	4.2	1,038
4	CONSEQUENCES OF DOMINANCE: A REVIEW OF EVENNESS EFFECTS ON LOCAL AND REGIONAL ECOSYSTEM PROCESSES. <i>Ecology</i> , 2008, 89, 1510-1520.	1.5	720
5	Herbivores and nutrients control grassland plant diversity via light limitation. <i>Nature</i> , 2014, 508, 517-520.	13.7	669
6	A guide to phylogenetic metrics for conservation, community ecology and macroecology. <i>Biological Reviews</i> , 2017, 92, 698-715.	4.7	570
7	Using Phylogenetic, Functional and Trait Diversity to Understand Patterns of Plant Community Productivity. <i>PLoS ONE</i> , 2009, 4, e5695.	1.1	558
8	Should Environmental Filtering be Abandoned?. <i>Trends in Ecology and Evolution</i> , 2017, 32, 429-437.	4.2	509
9	Evolutionary history and the effect of biodiversity on plant productivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17012-17017.	3.3	503
10	Phylogenetic diversity and the functioning of ecosystems. <i>Ecology Letters</i> , 2012, 15, 637-648.	3.0	482
11	Phylogenetic diversity promotes ecosystem stability. <i>Ecology</i> , 2012, 93, S223.	1.5	372
12	Addition of multiple limiting resources reduces grassland diversity. <i>Nature</i> , 2016, 537, 93-96.	13.7	355
13	Phylogenetic diversity metrics for ecological communities: integrating species richness, abundance and evolutionary history. <i>Ecology Letters</i> , 2010, 13, 96-105.	3.0	340
14	The ecology of differences: assessing community assembly with trait and evolutionary distances. <i>Ecology Letters</i> , 2013, 16, 1234-1244.	3.0	304
15	Life-history correlates of plant invasiveness at regional and continental scales. <i>Ecology Letters</i> , 2005, 8, 1066-1074.	3.0	296
16	Functional traits explain ecosystem function through opposing mechanisms. <i>Ecology Letters</i> , 2017, 20, 989-996.	3.0	273
17	Functional Rarity: The Ecology of Outliers. <i>Trends in Ecology and Evolution</i> , 2017, 32, 356-367.	4.2	258
18	Dispersal and Species Diversity: A Meta-Analysis. <i>American Naturalist</i> , 2006, 167, 913-924.	1.0	252

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19	Linking community and ecosystem dynamics through spatial ecology. <i>Ecology Letters</i> , 2011, 14, 313-323.	3.0	213
20	Experimental evidence that evolutionarily diverse assemblages result in higher productivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8996-9000.	3.3	208
21	Rarest of the rare: advances in combining evolutionary distinctiveness and scarcity to inform conservation at biogeographical scales. <i>Diversity and Distributions</i> , 2010, 16, 376-385.	1.9	191
22	Non-native species in urban environments: patterns, processes, impacts and challenges. <i>Biological Invasions</i> , 2017, 19, 3461-3469.	1.2	190
23	Is successional research nearing its climax? New approaches for understanding dynamic communities. <i>Functional Ecology</i> , 2015, 29, 154-164.	1.7	183
24	Local loss and spatial homogenization of plant diversity reduce ecosystem multifunctionality. <i>Nature Ecology and Evolution</i> , 2018, 2, 50-56.	3.4	172
25	COMPETITIONâ€“COLONIZATION TRADE-OFFS AND DISTURBANCE EFFECTS AT MULTIPLE SCALES. <i>Ecology</i> , 2007, 88, 823-829.	1.5	157
26	Dispersal, spatial scale, and species diversity in a hierarchically structured experimental landscape. <i>Ecology Letters</i> , 2005, 8, 548-557.	3.0	156
27	On Testing the Competitionâ€“Colonization Tradeâ€“Off in a Multispecies Assemblage. <i>American Naturalist</i> , 2006, 168, 704-709.	1.0	151
28	Why phylogenies do not always predict ecological differences. <i>Ecological Monographs</i> , 2017, 87, 535-551.	2.4	148
29	<i>ipez</i> : phylogenetics for the environmental sciences. <i>Bioinformatics</i> , 2015, 31, 2888-2890.	1.8	146
30	Prioritizing phylogenetic diversity captures functional diversity unreliably. <i>Nature Communications</i> , 2018, 9, 2888.	5.8	144
31	Plant speciesâ€™ origin predicts dominance and response to nutrient enrichment and herbivores in global grasslands. <i>Nature Communications</i> , 2015, 6, 7710.	5.8	143
32	Unifying measures of biodiversity: understanding when richness and phylogenetic diversity should be congruent. <i>Diversity and Distributions</i> , 2013, 19, 845-854.	1.9	138
33	Predicting communities from functional traits. <i>Trends in Ecology and Evolution</i> , 2015, 30, 510-511.	4.2	138
34	On the relationship between phylogenetic diversity and trait diversity. <i>Ecology</i> , 2018, 99, 1473-1479.	1.5	136
35	Management by proxy? The use of indices in applied ecology. <i>Journal of Applied Ecology</i> , 2015, 52, 1-6.	1.9	133
36	Ecological Patterns and Biological Invasions: Using Regional Species Inventories in Macroecology. <i>Biological Invasions</i> , 2006, 8, 809-821.	1.2	129

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37	Convergence and divergence in a long-term old-field succession: the importance of spatial scale and species abundance. <i>Ecology Letters</i> , 2016, 19, 1101-1109.	3.0	119
38	Are urban systems beneficial, detrimental, or indifferent for biological invasion?. <i>Biological Invasions</i> , 2017, 19, 3489-3503.	1.2	117
39	Niche Breadth: Causes and Consequences for Ecology, Evolution, and Conservation. <i>Quarterly Review of Biology</i> , 2020, 95, 179-214.	0.0	114
40	Diversity of plant evolutionary lineages promotes arthropod diversity. <i>Ecology Letters</i> , 2012, 15, 1308-1317.	3.0	108
41	The Necessity of Multitrophic Approaches in Community Ecology. <i>Trends in Ecology and Evolution</i> , 2018, 33, 754-764.	4.2	105
42	Species colonisation, not competitive exclusion, drives community overdispersion over long-term succession. <i>Ecology Letters</i> , 2015, 18, 964-973.	3.0	103
43	The effects of phylogenetic relatedness on invasion success and impact: deconstructing Darwin's naturalisation conundrum. <i>Ecology Letters</i> , 2015, 18, 1285-1292.	3.0	100
44	METACOMMUNITY INFLUENCES ON COMMUNITY RICHNESS AT MULTIPLE SPATIAL SCALES: A MICROCOSM EXPERIMENT. <i>Ecology</i> , 2006, 87, 1008-1016.	1.5	99
45	Contrasting patterns of lichen functional diversity and species richness across an elevation gradient. <i>Ecography</i> , 2016, 39, 689-698.	2.1	93
46	Preadaptation and Naturalization of Nonnative Species: Darwin's Two Fundamental Insights into Species Invasion. <i>Annual Review of Plant Biology</i> , 2018, 69, 661-684.	8.6	90
47	Phylogenetic relatedness and plant invader success across two spatial scales. <i>Diversity and Distributions</i> , 2009, 15, 481-488.	1.9	89
48	Plants alter their vertical root distribution rather than biomass allocation in response to changing precipitation. <i>Ecology</i> , 2019, 100, e02828.	1.5	86
49	Difficult decisions: Strategies for conservation prioritization when taxonomic, phylogenetic and functional diversity are not spatially congruent. <i>Biological Conservation</i> , 2018, 225, 128-133.	1.9	82
50	Near-to-nature logging influences fungal community assembly processes in a temperate forest. <i>Journal of Applied Ecology</i> , 2014, 51, 939-948.	1.9	80
51	Do traits and phylogeny support congruent community diversity patterns and assembly inferences?. <i>Journal of Ecology</i> , 2019, 107, 2065-2077.	1.9	79
52	Protect Third Pole's fragile ecosystem. <i>Science</i> , 2018, 362, 1368-1368.	6.0	76
53	Ecological and taxonomic differences between native and introduced plants of southwestern Ontario. <i>Ecoscience</i> , 2001, 8, 230-238.	0.6	75
54	Concurrent niche and neutral processes in the competition-colonization model of species coexistence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2739-2744.	1.2	75

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55	General destabilizing effects of eutrophication on grassland productivity at multiple spatial scales. <i>Nature Communications</i> , 2020, 11, 5375.	5.8	75
56	Functional and phylogenetic structure of island bird communities. <i>Journal of Animal Ecology</i> , 2017, 86, 532-542.	1.3	73
57	Assessing the uneven global distribution of readership, submissions and publications in applied ecology: Obvious problems without obvious solutions. <i>Journal of Applied Ecology</i> , 2019, 56, 4-9.	1.9	70
58	Predicting loss of evolutionary history: Where are we?. <i>Biological Reviews</i> , 2017, 92, 271-291.	4.7	67
59	Assessing the utility of conserving evolutionary history. <i>Biological Reviews</i> , 2019, 94, 1740-1760.	4.7	65
60	Primary determinants of communities in deadwood vary among taxa but are regionally consistent. <i>Oikos</i> , 2020, 129, 1579-1588.	1.2	63
61	The dimensionality and structure of species trait spaces. <i>Ecology Letters</i> , 2021, 24, 1988-2009.	3.0	63
62	Quantifying the invasiveness of species. <i>NeoBiota</i> , 0, 21, 7-27.	1.0	63
63	The new diversity: management gains through insights into the functional diversity of communities. <i>Journal of Applied Ecology</i> , 2011, 48, 1067-1069.	1.9	62
64	Increasing effects of chronic nutrient enrichment on plant diversity loss and ecosystem productivity over time. <i>Ecology</i> , 2021, 102, e03218.	1.5	62
65	Incorporating Geographical and Evolutionary Rarity into Conservation Prioritization. <i>Conservation Biology</i> , 2012, 26, 593-601.	2.4	60
66	Changes in the dominant assembly mechanism drive species loss caused by declining resources. <i>Ecology Letters</i> , 2016, 19, 163-170.	3.0	60
67	Phylogeny in the Service of Ecological Restoration. <i>American Journal of Botany</i> , 2015, 102, 647-648.	0.8	59
68	Global evidence of positive biodiversity effects on spatial ecosystem stability in natural grasslands. <i>Nature Communications</i> , 2019, 10, 3207.	5.8	59
69	The ecology and economics of restoration: when, what, where, and how to restore ecosystems. <i>Ecology and Society</i> , 2018, 23, .	1.0	58
70	Phylogenetic patterns differ for native and exotic plant communities across a richness gradient in Northern California. <i>Diversity and Distributions</i> , 2010, 16, 892-901.	1.9	56
71	Explaining maximum variation in productivity requires phylogenetic diversity and single functional traits. <i>Ecology</i> , 2015, 96, 176-183.	1.5	56
72	Gauging the impact of meta-analysis on ecology. <i>Evolutionary Ecology</i> , 2012, 26, 1153-1167.	0.5	55

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73	Out of the shadows: multiple nutrient limitations drive relationships among biomass, light and plant diversity. <i>Functional Ecology</i> , 2017, 31, 1839-1846.	1.7	55
74	Plant invasion alters trait composition and diversity across habitats. <i>Ecology and Evolution</i> , 2019, 9, 6199-6210.	0.8	55
75	Regional and global shifts in crop diversity through the Anthropocene. <i>PLoS ONE</i> , 2019, 14, e0209788.	1.1	53
76	Biodiversity assessments: Origin matters. <i>PLoS Biology</i> , 2018, 16, e2006686.	2.6	52
77	Phenology as a basis for management of exotic annual plants in desert invasions. <i>Journal of Applied Ecology</i> , 2010, 47, 1290-1299.	1.9	51
78	Greater than the sum of the parts: how the species composition in different forest strata influence ecosystem function. <i>Ecology Letters</i> , 2019, 22, 1449-1461.	3.0	51
79	Temporal changes in spatial variation: partitioning the extinction and colonisation components of beta diversity. <i>Ecology Letters</i> , 2021, 24, 1063-1072.	3.0	49
80	Functional response of lignicolous fungal guilds to bark beetle deforestation. <i>Ecological Indicators</i> , 2016, 65, 149-160.	2.6	48
81	The effects of resource enrichment, dispersal, and predation on local and metacommunity structure. <i>Oecologia</i> , 2006, 149, 150-157.	0.9	47
82	Constructing Nature: Laboratory Models as Necessary Tools for Investigating Complex Ecological Communities. <i>Advances in Ecological Research</i> , 2005, , 333-353.	1.4	46
83	Plant genetics shapes inquiline community structure across spatial scales. <i>Ecology Letters</i> , 2009, 12, 285-292.	3.0	43
84	Phylogenetically diverse grasslands are associated with pairwise interspecific processes that increase biomass. <i>Ecology</i> , 2011, 92, 1385-1392.	1.5	43
85	Warming affects foliar fungal diseases more than precipitation in a Tibetan alpine meadow. <i>New Phytologist</i> , 2019, 221, 1574-1584.	3.5	42
86	Trait-Based Community Assembly along an Elevational Gradient in Subalpine Forests: Quantifying the Roles of Environmental Factors in Inter- and Intraspecific Variability. <i>PLoS ONE</i> , 2016, 11, e0155749.	1.1	41
87	Fungi associated with beetles dispersing from dead wood – Let's take the beetle bus!. <i>Fungal Ecology</i> , 2019, 39, 100-108.	0.7	41
88	Evolutionary and ecological influences of plant invader success in the flora of Ontario. <i>Ecoscience</i> , 2006, 13, 388-395.	0.6	40
89	Contrasting effects of phylogenetic relatedness on plant invader success in experimental grassland communities. <i>Journal of Applied Ecology</i> , 2015, 52, 89-99.	1.9	40
90	Herbivores safeguard plant diversity by reducing variability in dominance. <i>Journal of Ecology</i> , 2018, 106, 101-112.	1.9	40

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91	Testing Darwin's transoceanic dispersal hypothesis for the inland nettle family (Urticaceae). <i>Ecology Letters</i> , 2018, 21, 1515-1529.	3.0	40
92	Negative effects of nitrogen override positive effects of phosphorus on grassland legumes worldwide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	40
93	How hydroperiod and species richness affect the balance of resource flows across aquatic-terrestrial habitats. <i>Aquatic Sciences</i> , 2014, 76, 131-143.	0.6	38
94	Integrating trait and phylogenetic distances to assess scale-dependent community assembly processes. <i>Ecography</i> , 2017, 40, 742-752.	2.1	38
95	The importance of accounting for imperfect detection when estimating functional and phylogenetic community structure. <i>Ecology</i> , 2018, 99, 2103-2112.	1.5	38
96	Spatial heterogeneity in species composition constrains plant community responses to herbivory and fertilisation. <i>Ecology Letters</i> , 2018, 21, 1364-1371.	3.0	38
97	Effects of biodiversity on the functioning of ecosystems: a summary of 164 experimental manipulations of species richness. <i>Ecology</i> , 2009, 90, 854-854.	1.5	36
98	Biodiversity and ecosystem function: making sense of numerous species interactions in multi-species communities. <i>Ecology</i> , 2017, 98, 1771-1778.	1.5	36
99	Phylogenetic turnover patterns consistent with niche conservatism in montane plant species. <i>Journal of Ecology</i> , 2015, 103, 742-749.	1.9	35
100	Nutrients cause grassland biomass to outpace herbivory. <i>Nature Communications</i> , 2020, 11, 6036.	5.8	35
101	Climate modifies response of non-native and native species richness to nutrient enrichment. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150273.	1.8	34
102	Deconstructing the relationships between phylogenetic diversity and ecology: a case study on ecosystem functioning. <i>Ecology</i> , 2016, 97, 2212-2222.	1.5	34
103	On the extinction of the single-authored paper: The causes and consequences of increasingly collaborative applied ecological research. <i>Journal of Applied Ecology</i> , 2018, 55, 1-4.	1.9	34
104	Tree and shrub diversity and abundance in fragmented littoral forest of southeastern Madagascar. <i>Biodiversity and Conservation</i> , 2002, 11, 1417-1436.	1.2	33
105	The ecology of biological invasions: past, present and future. , 2005, , 19-43.		33
106	Invasion drives plant diversity loss through competition and ecosystem modification. <i>Journal of Ecology</i> , 2021, 109, 3587-3601.	1.9	33
107	Forest community assembly is driven by different strata-dependent mechanisms along an elevational gradient. <i>Journal of Biogeography</i> , 2019, 46, 2174-2187.	1.4	32
108	Functional and phylogenetic diversity explain different components of diversity effects on biomass production. <i>Oikos</i> , 2020, 129, 1185-1195.	1.2	32

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109	Putting applied ecology into practice. <i>Journal of Applied Ecology</i> , 2010, 47, 1-4.	1.9	31
110	Phylogenetic diversity and productivity: gauging interpretations from experiments that do not manipulate phylogenetic diversity. <i>Functional Ecology</i> , 2015, 29, 1603-1606.	1.7	31
111	Ecological and taxonomic differences between rare and common plants of southwestern Ontario. <i>Ecoscience</i> , 2002, 9, 397-406.	0.6	30
112	Trait variation and functional diversity maintenance of understory herbaceous species coexisting along an elevational gradient in Yulong Mountain, Southwest China. <i>Plant Diversity</i> , 2016, 38, 303-311.	1.8	30
113	Solving environmental problems in the Anthropocene: the need to bring novel theoretical advances into the applied ecology fold. <i>Journal of Applied Ecology</i> , 2017, 54, 1-6.	1.9	30
114	Phylogenetic Patterns of Colonization and Extinction in Experimentally Assembled Plant Communities. <i>PLoS ONE</i> , 2011, 6, e19363.	1.1	30
115	Ensuring applied ecology has impact. <i>Journal of Applied Ecology</i> , 2012, 49, 1-5.	1.9	29
116	Phylogenetic ecology and the greening of cities. <i>Journal of Applied Ecology</i> , 2016, 53, 1470-1476.	1.9	29
117	Ecological engagement determines ecosystem service valuation: A case study from Rouge National Urban Park in Toronto, Canada. <i>Ecosystem Services</i> , 2018, 30, 86-97.	2.3	27
118	Invasive dominance and resident diversity: unpacking the impact of plant invasion on biodiversity and ecosystem function. <i>Ecological Monographs</i> , 2020, 90, e01425.	2.4	27
119	Elevational patterns of bird functional and phylogenetic structure in the central Himalaya. <i>Ecography</i> , 2021, 44, 1403-1417.	2.1	27
120	Global impacts of fertilization and herbivore removal on soil net nitrogen mineralization are modulated by local climate and soil properties. <i>Global Change Biology</i> , 2020, 26, 7173-7185.	4.2	25
121	Tree mycorrhizal type mediates the strength of negative density dependence in temperate forests. <i>Journal of Ecology</i> , 2020, 108, 2601-2610.	1.9	25
122	Nutrient enrichment increases invertebrate herbivory and pathogen damage in grasslands. <i>Journal of Ecology</i> , 2022, 110, 327-339.	1.9	25
123	Transforming ecosystems: When, where, and how to restore contaminated sites. <i>Integrated Environmental Assessment and Management</i> , 2016, 12, 273-283.	1.6	24
124	Ecological Niches: Linking Classical and Contemporary Approaches. <i>Biodiversity and Conservation</i> , 2004, 13, 1791-1793.	1.2	23
125	Training future generations to deliver evidence-based conservation and ecosystem management. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12032.	0.8	23
126	Planting accelerates restoration of tropical forest but assembly mechanisms appear insensitive to initial composition. <i>Journal of Applied Ecology</i> , 2018, 55, 986-996.	1.9	22

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127	Individual-based models of community assembly: Neighbourhood competition drives phylogenetic community structure. <i>Journal of Ecology</i> , 2019, 107, 735-746.	1.9	22
128	Plant diversity enhances the reclamation of degraded lands by stimulating plant-soil feedbacks. <i>Journal of Applied Ecology</i> , 2020, 57, 1258-1270.	1.9	22
129	Manipulating plant phylogenetic diversity for green roof ecosystem service delivery. <i>Evolutionary Applications</i> , 2018, 11, 2014-2024.	1.5	21
130	The application of selected invasion frameworks to urban ecosystems. <i>NeoBiota</i> , 0, 62, 365-386.	1.0	21
131	Drought soil legacy alters drivers of plant diversity-productivity relationships in oldfield systems. <i>Science Advances</i> , 2022, 8, eabn3368.	4.7	21
132	Phylogenetic diversity-ecosystem function relationships are insensitive to phylogenetic edge lengths. <i>Functional Ecology</i> , 2015, 29, 718-723.	1.7	20
133	Phylogenetic conservatism and climate factors shape flowering phenology in alpine meadows. <i>Oecologia</i> , 2016, 182, 419-428.	0.9	20
134	Species responses to changing precipitation depend on trait plasticity rather than trait means and intraspecific variation. <i>Functional Ecology</i> , 2020, 34, 2622-2633.	1.7	20
135	Mycorrhizal type influences plant density dependence and species richness across 15 temperate forests. <i>Ecology</i> , 2021, 102, e03259.	1.5	20
136	The latitudinal gradient in plant community assembly processes: A meta-analysis. <i>Ecology Letters</i> , 2022, 25, 1711-1724.	3.0	20
137	Honey bees are the dominant diurnal pollinator of native milkweed in a large urban park. <i>Ecology and Evolution</i> , 2017, 7, 8456-8462.	0.8	19
138	Quantifying Biodiversity: Does It Matter What We Measure?. , 2011, , 43-60.		18
139	Multitrophic diversity and biotic associations influence subalpine forest ecosystem multifunctionality. <i>Ecology</i> , 2022, 103, e3745.	1.5	18
140	Phylogenetic diversity and ecological features in the Egyptian flora. <i>Biodiversity and Conservation</i> , 2002, 11, 1809-1824.	1.2	17
141	The response of bacterial groups to changes in available iron in the Eastern subtropical Pacific Ocean. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 348, 11-22.	0.7	17
142	Restoration-oriented forest management affects community assembly patterns of deadwood-dependent organisms. <i>Journal of Applied Ecology</i> , 2020, 57, 2429-2440.	1.9	17
143	Darwin to Elton: early ecology and the problem of invasive species. , 2006, , 15-33.		17
144	Biodiversity explains maximum variation in productivity under experimental warming, nitrogen addition, and grazing in mountain grasslands. <i>Ecology and Evolution</i> , 2018, 8, 10094-10112.	0.8	16

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145	Conserving evolutionary history does not result in greater diversity over geological time scales. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182896.	1.2	16
146	Richness, phylogenetic diversity, and abundance all have positive effects on invader performance in an arid ecosystem. <i>Ecosphere</i> , 2020, 11, e03045.	1.0	16
147	Phylogenetic and functional clustering illustrate the roles of adaptive radiation and dispersal filtering in jointly shaping late-Quaternary mammal assemblages on oceanic islands. <i>Ecology Letters</i> , 2022, 25, 1250-1262.	3.0	16
148	Explaining ecosystem multifunction with evolutionary models. <i>Ecology</i> , 2017, 98, 3175-3187.	1.5	14
149	Lost in trait space: species-poor communities are inflexible in properties that drive ecosystem functioning. <i>Advances in Ecological Research</i> , 2019, , 91-131.	1.4	14
150	Urbanization and plant invasion alter the structure of litter microarthropod communities. <i>Journal of Animal Ecology</i> , 2020, 89, 2496-2507.	1.3	14
151	Ensuring tests of conservation interventions build on existing literature. <i>Conservation Biology</i> , 2020, 34, 781-783.	2.4	14
152	Temporal rarity is a better predictor of local extinction risk than spatial rarity. <i>Ecology</i> , 2021, 102, e03504.	1.5	14
153	Fire variability, as well as frequency, can explain coexistence between seeder and resprouter life histories. <i>Journal of Applied Ecology</i> , 2013, 50, 594-602.	1.9	13
154	From patches to richness: assessing the potential impact of landscape transformation on biodiversity. <i>Ecosphere</i> , 2017, 8, e02004.	1.0	13
155	Non-random loss of phylogenetically distinct rare species degrades phylogenetic diversity in semi-natural grasslands. <i>Journal of Applied Ecology</i> , 2019, 56, 1419-1428.	1.9	13
156	Reply to: "Global conservation of phylogenetic diversity captures more than just functional diversity". <i>Nature Communications</i> , 2019, 10, 858.	5.8	13
157	Including distantly related taxa can bias phylogenetic tests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E536.	3.3	12
158	Experimental dominant plant removal results in contrasting assembly for dominant and non-dominant plants. <i>Ecology Letters</i> , 2019, 22, 1233-1242.	3.0	12
159	Applied ecologists in a landscape of fear. <i>Journal of Applied Ecology</i> , 2019, 56, 1034-1039.	1.9	12
160	Multi-trophic metacommunity interactions mediate asynchrony and stability in fluctuating environments. <i>Ecological Monographs</i> , 2022, 92, e1484.	2.4	12
161	Biodiversity responses to restoration across the Brazilian Atlantic Forest. <i>Science of the Total Environment</i> , 2022, 821, 153403.	3.9	12
162	Rare and phylogenetically distinct plant species exhibit less diverse root-associated pathogen communities. <i>Journal of Ecology</i> , 2019, 107, 1226-1237.	1.9	11

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163	Neighborhood interactions on seedling survival were greatly altered following an extreme winter storm. <i>Forest Ecology and Management</i> , 2020, 461, 117940.	1.4	11
164	Effectively integrating experiments into conservation practice. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12069.	0.8	11
165	Conservation of Species- and Trait-Based Modeling Network Interactions in Extremely Acidic Microbial Community Assembly. <i>Frontiers in Microbiology</i> , 2017, 8, 1486.	1.5	10
166	Nitrogen alters effects of disturbance on annual grassland community diversity: Implications for restoration. <i>Journal of Ecology</i> , 2019, 107, 2054-2064.	1.9	10
167	Making the applied research that practitioners need and want accessible. <i>Ecological Solutions and Evidence</i> , 2020, 1, e12000.	0.8	10
168	Trait dimensionality and population choice alter estimates of phenotypic dissimilarity. <i>Ecology and Evolution</i> , 2017, 7, 2273-2285.	0.8	9
169	An experimental application of <i>Hypena opulenta</i> as a biocontrol agent for the invasive vine <i>Vincetoxicum rossicum</i> . <i>Ecological Solutions and Evidence</i> , 2020, 1, e12022.	0.8	9
170	The mechanisms generating community phylogenetic patterns change with spatial scale. <i>Oecologia</i> , 2020, 193, 655-664.	0.9	9
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