Marc Cadotte

List of Publications by Year
in descending order

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203 papers	18,813 citations	25423 59 h-index	16791 127 g-index
226 all docs	226 docs citations	226 times ranked	21543 citing authors

#	Article	IF	Citations
1	Beyond species: functional diversity and the maintenance of ecological processes and services. Journal of Applied Ecology, 2011, 48, 1079-1087.	1.9	1,545
2	Impacts of plant diversity on biomass production increase through time because of species complementarity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18123-18128.	3.3	1,175
3	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	4.2	1,038
4	CONSEQUENCES OF DOMINANCE: A REVIEW OF EVENNESS EFFECTS ON LOCAL AND REGIONAL ECOSYSTEM PROCESSES. Ecology, 2008, 89, 1510-1520.	1.5	720
5	Herbivores and nutrients control grassland plant diversity via light limitation. Nature, 2014, 508, 517-520.	13.7	669
6	A guide to phylogenetic metrics for conservation, community ecology and macroecology. Biological Reviews, 2017, 92, 698-715.	4.7	570
7	Using Phylogenetic, Functional and Trait Diversity to Understand Patterns of Plant Community Productivity. PLoS ONE, 2009, 4, e5695.	1.1	558
8	Should Environmental Filtering be Abandoned?. Trends in Ecology and Evolution, 2017, 32, 429-437.	4.2	509
9	Evolutionary history and the effect of biodiversity on plant productivity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17012-17017.	3.3	503
10	Phylogenetic diversity and the functioning of ecosystems. Ecology Letters, 2012, 15, 637-648.	3.0	432
11	Phylogenetic diversity promotes ecosystem stability. Ecology, 2012, 93, S223.	1.5	372
12	Addition of multiple limiting resources reduces grassland diversity. Nature, 2016, 537, 93-96.	13.7	355
13	Phylogenetic diversity metrics for ecological communities: integrating species richness, abundance and evolutionary history. Ecology Letters, 2010, 13, 96-105.	3.0	340
14	The ecology of differences: assessing community assembly with trait and evolutionary distances. Ecology Letters, 2013, 16, 1234-1244.	3.0	304
15	Life-history correlates of plant invasiveness at regional and continental scales. Ecology Letters, 2005, 8, 1066-1074.	3.0	296
16	Functional traits explain ecosystem function through opposing mechanisms. Ecology Letters, 2017, 20, 989-996.	3.0	273
17	Functional Rarity: The Ecology of Outliers. Trends in Ecology and Evolution, 2017, 32, 356-367.	4.2	258
18	Dispersal and Species Diversity: A Metaâ€Analysis. American Naturalist, 2006, 167, 913-924.	1.0	252

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

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

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55	General destabilizing effects of eutrophication on grassland productivity at multiple spatial scales. Nature Communications, 2020, 11, 5375.	5.8	75
56	Functional and phylogenetic structure of island bird communities. Journal of Animal Ecology, 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. Journal of Applied Ecology, 2019, 56, 4-9.	1.9	70
58	Predicting loss of evolutionary history: Where are we?. Biological Reviews, 2017, 92, 271-291.	4.7	67
59	Assessing the utility of conserving evolutionary history. Biological Reviews, 2019, 94, 1740-1760.	4.7	65
60	Primary determinants of communities in deadwood vary among taxa but are regionally consistent. Oikos, 2020, 129, 1579-1588.	1.2	63
61	The dimensionality and structure of species trait spaces. Ecology Letters, 2021, 24, 1988-2009.	3.0	63
62	Quantifying the invasiveness of species. NeoBiota, 0, 21, 7-27.	1.0	63
63	The new diversity: management gains through insights into the functional diversity of communities. Journal of Applied Ecology, 2011, 48, 1067-1069.	1.9	62
64	Increasing effects of chronic nutrient enrichment on plant diversity loss and ecosystem productivity over time. Ecology, 2021, 102, e03218.	1.5	62
65	Incorporating Geographical and Evolutionary Rarity into Conservation Prioritization. Conservation Biology, 2012, 26, 593-601.	2.4	60
66	Changes in the dominant assembly mechanism drive species loss caused by declining resources. Ecology Letters, 2016, 19, 163-170.	3.0	60
67	Phylogeny in the Service of Ecological Restoration. American Journal of Botany, 2015, 102, 647-648.	0.8	59
68	Global evidence of positive biodiversity effects on spatial ecosystem stability in natural grasslands. Nature Communications, 2019, 10, 3207.	5.8	59
69	The ecology and economics of restoration: when, what, where, and how to restore ecosystems. Ecology and Society, 2018, 23, .	1.0	58
70	Phylogenetic patterns differ for native and exotic plant communities across a richness gradient in Northern California. Diversity and Distributions, 2010, 16, 892-901.	1.9	56
71	Explaining maximum variation in productivity requires phylogenetic diversity and single functional traits. Ecology, 2015, 96, 176-183.	1.5	56
72	Gauging the impact of meta-analysis on ecology. Evolutionary Ecology, 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. Functional Ecology, 2017, 31, 1839-1846.	1.7	55
74	Plant invasion alters trait composition and diversity across habitats. Ecology and Evolution, 2019, 9, 6199-6210.	0.8	55
75	Regional and global shifts in crop diversity through the Anthropocene. PLoS ONE, 2019, 14, e0209788.	1.1	53
76	Biodiversity assessments: Origin matters. PLoS Biology, 2018, 16, e2006686.	2.6	52
77	Phenology as a basis for management of exotic annual plants in desert invasions. Journal of Applied Ecology, 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. Ecology Letters, 2019, 22, 1449-1461.	3.0	51
79	Temporal changes in spatial variation: partitioning the extinction and colonisation components of beta diversity. Ecology Letters, 2021, 24, 1063-1072.	3.0	49
80	Functional response of lignicolous fungal guilds to bark beetle deforestation. Ecological Indicators, 2016, 65, 149-160.	2.6	48
81	The effects of resource enrichment, dispersal, and predation on local and metacommunity structure. Oecologia, 2006, 149, 150-157.	0.9	47
82	Constructing Nature: Laboratory Models as Necessary Tools for Investigating Complex Ecological Communities. Advances in Ecological Research, 2005, , 333-353.	1.4	46
83	Plant genetics shapes inquiline community structure across spatial scales. Ecology Letters, 2009, 12, 285-292.	3.0	43
84	Phylogenetically diverse grasslands are associated with pairwise interspecific processes that increase biomass. Ecology, 2011, 92, 1385-1392.	1.5	43
85	Warming affects foliar fungal diseases more than precipitation in a Tibetan alpine meadow. New Phytologist, 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. PLoS ONE, 2016, 11, e0155749.	1.1	41
87	Fungi associated with beetles dispersing from dead wood â€“ Let's take the beetle bus!. Fungal Ecology, 2019, 39, 100-108.	0.7	41
88	Evolutionary and ecological influences of plant invader success in the flora of Ontario. Ecoscience, 2006, 13, 388-395.	0.6	40
89	Contrasting effects of phylogenetic relatedness on plant invader success in experimental grassland communities. Journal of Applied Ecology, 2015, 52, 89-99.	1.9	40
90	Herbivores safeguard plant diversity by reducing variability in dominance. Journal of Ecology, 2018, 106, 101-112.	1.9	40

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

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109	Putting applied ecology into practice. Journal of Applied Ecology, 2010, 47, 1-4.	1.9	31
110	Phylogenetic diversity and productivity: gauging interpretations from experiments that do not manipulate phylogenetic diversity. Functional Ecology, 2015, 29, 1603-1606.	1.7	31
111	Ecological and taxonomic differences between rare and common plants of southwestern Ontario. Ecoscience, 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. Plant Diversity, 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. Journal of Applied Ecology, 2017, 54, 1-6.	1.9	30
114	Phylogenetic Patterns of Colonization and Extinction in Experimentally Assembled Plant Communities. PLoS ONE, 2011, 6, e19363.	1.1	30
115	Ensuring applied ecology has impact. Journal of Applied Ecology, 2012, 49, 1-5.	1.9	29
116	Phylogenetic ecology and the greening of cities. Journal of Applied Ecology, 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. Ecosystem Services, 2018, 30, 86-97.	2.3	27
118	Invasive dominance and resident diversity: unpacking the impact of plant invasion on biodiversity and ecosystem function. Ecological Monographs, 2020, 90, e01425.	2.4	27
119	Elevational patterns of bird functional and phylogenetic structure in the central Himalaya. Ecography, 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. Global Change Biology, 2020, 26, 7173-7185.	4.2	25
121	Tree mycorrhizal type mediates the strength of negative density dependence in temperate forests. Journal of Ecology, 2020, 108, 2601-2610.	1.9	25
122	Nutrient enrichment increases invertebrate herbivory and pathogen damage in grasslands. Journal of Ecology, 2022, 110, 327-339.	1.9	25
123	Transforming ecosystems: When, where, and how to restore contaminated sites. Integrated Environmental Assessment and Management, 2016, 12, 273-283.	1.6	24
124	Ecological Niches: Linking Classical and Contemporary Approaches. Biodiversity and Conservation, 2004, 13, 1791-1793.	1.2	23
125	Training future generations to deliver evidenceâ€based conservation and ecosystem management. Ecological Solutions and Evidence, 2021, 2, e12032.	0.8	23
126	Planting accelerates restoration of tropical forest but assembly mechanisms appear insensitive to initial composition. Journal of Applied Ecology, 2018, 55, 986-996.	1.9	22

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127	Individualâ€based models of community assembly: Neighbourhood competition drives phylogenetic community structure. Journal of Ecology, 2019, 107, 735-746.	1.9	22
128	Plant diversity enhances the reclamation of degraded lands by stimulating plantâ€“soil feedbacks. Journal of Applied Ecology, 2020, 57, 1258-1270.	1.9	22
129	Manipulating plant phylogenetic diversity for green roof ecosystem service delivery. Evolutionary Applications, 2018, 11, 2014-2024.	1.5	21
130	The application of selected invasion frameworks to urban ecosystems. NeoBiota, 0, 62, 365-386.	1.0	21
131	Drought soil legacy alters drivers of plant diversity-productivity relationships in oldfield systems. Science Advances, 2022, 8, eabn3368.	4.7	21
132	Phylogenetic diversityâ€“ecosystem function relationships are insensitive to phylogenetic edge lengths. Functional Ecology, 2015, 29, 718-723.	1.7	20
133	Phylogenetic conservatism and climate factors shape flowering phenology in alpine meadows. Oecologia, 2016, 182, 419-428.	0.9	20
134	Species responses to changing precipitation depend on trait plasticity rather than trait means and intraspecific variation. Functional Ecology, 2020, 34, 2622-2633.	1.7	20
135	Mycorrhizal type influences plant density dependence and species richness across 15 temperate forests. Ecology, 2021, 102, e03259.	1.5	20
136	The latitudinal gradient in plant community assembly processes: AÂmetaâ€analysis. Ecology Letters, 2022, 25, 1711-1724.	3.0	20
137	Honey bees are the dominant diurnal pollinator of native milkweed in a large urban park. Ecology and Evolution, 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. Ecology, 2022, 103, e3745.	1.5	18
140	Phylogenetic diversity and ecological features in the Egyptian flora. Biodiversity and Conservation, 2002, 11, 1809-1824.	1.2	17
141	The response of bacterial groups to changes in available iron in the Eastern subtropical Pacific Ocean. Journal of Experimental Marine Biology and Ecology, 2007, 348, 11-22.	0.7	17
142	Restorationâ€oriented forest management affects community assembly patterns of deadwoodâ€dependent organisms. Journal of Applied Ecology, 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. Ecology and Evolution, 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. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182896.	1.2	16
146	Richness, phylogenetic diversity, and abundance all have positive effects on invader performance in an arid ecosystem. Ecosphere, 2020, 11, e03045.	1.0	16
147	Phylogenetic and functional clustering illustrate the roles of adaptive radiation and dispersal filtering in jointly shaping lateâ€Quaternary mammal assemblages on oceanic islands. Ecology Letters, 2022, 25, 1250-1262.	3.0	16
148	Explaining ecosystem multifunction with evolutionary models. Ecology, 2017, 98, 3175-3187.	1.5	14
149	Lost in trait space: species-poor communities are inflexible in properties that drive ecosystem functioning. Advances in Ecological Research, 2019, , 91-131.	1.4	14
150	Urbanization and plant invasion alter the structure of litter microarthropod communities. Journal of Animal Ecology, 2020, 89, 2496-2507.	1.3	14
151	Ensuring tests of conservation interventions build on existing literature. Conservation Biology, 2020, 34, 781-783.	2.4	14
152	Temporal rarity is a better predictor of local extinction risk than spatial rarity. Ecology, 2021, 102, e03504.	1.5	14
153	Fire variability, as well as frequency, can explain coexistence between seeder and resprouter life histories. Journal of Applied Ecology, 2013, 50, 594-602.	1.9	13
154	From patches to richness: assessing the potential impact of landscape transformation on biodiversity. Ecosphere, 2017, 8, e02004.	1.0	13
155	Nonâ€random loss of phylogenetically distinct rare species degrades phylogenetic diversity in semiâ€natural grasslands. Journal of Applied Ecology, 2019, 56, 1419-1428.	1.9	13
156	Reply to: â€œGlobal conservation of phylogenetic diversity captures more than just functional diversityâ€. Nature Communications, 2019, 10, 858.	5.8	13
157	Including distantly related taxa can bias phylogenetic tests. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E536.	3.3	12
158	Experimental dominant plant removal results in contrasting assembly for dominant and nonâ€dominant plants. Ecology Letters, 2019, 22, 1233-1242.	3.0	12
159	Applied ecologists in a landscape of fear. Journal of Applied Ecology, 2019, 56, 1034-1039.	1.9	12
160	Multiâ€trophic metacommunity interactions mediate asynchrony and stability in fluctuating environments. Ecological Monographs, 2022, 92, e1484.	2.4	12
161	Biodiversity responses to restoration across the Brazilian Atlantic Forest. Science of the Total Environment, 2022, 821, 153403.	3.9	12
162	Rare and phylogenetically distinct plant species exhibit less diverse rootâ€associated pathogen communities. Journal of Ecology, 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. Forest Ecology and Management, 2020, 461, 117940.	1.4	11
164	Effectively integrating experiments into conservation practice. Ecological Solutions and Evidence, 2021, 2, e12069.	0.8	11
165	Conservation of Species- and Trait-Based Modeling Network Interactions in Extremely Acidic Microbial Community Assembly. Frontiers in Microbiology, 2017, 8, 1486.	1.5	10
166	Nitrogen alters effects of disturbance on annual grassland community diversity: Implications for restoration. Journal of Ecology, 2019, 107, 2054-2064.	1.9	10
167	Making the applied research that practitioners need and want accessible. Ecological Solutions and Evidence, 2020, 1, e12000.	0.8	10
168	Trait dimensionality and population choice alter estimates of phenotypic dissimilarity. Ecology and Evolution, 2017, 7, 2273-2285.	0.8	9
169	An experimental application of Hypena opulenta as a biocontrol agent for the invasive vine Vincetoxicum rossicum. Ecological Solutions and Evidence, 2020, 1, e12022.	0.8	9
170	The mechanisms generating community phylogenetic patterns change with spatial scale. Oecologia, 2020, 193, 655-664.	0.9	9
171	Core and Satellite Species in Degraded Habitats: an Analysis Using Malagasy Tree Communities. Biodiversity and Conservation, 2007, 16, 2515-2529.	1.2	8
172	Effect of Environmental Variation on Estimating the Bacterial Species Richness. Frontiers in Microbiology, 2017, 8, 690.	1.5	8
173	Frag SAD : A database of diversity and species abundance distributions from habitat fragments. Ecology, 2019, 100, e02861.	1.5	8
174	Intraspecific trait variation improves the detection of deterministic community assembly processes in early successional forests, but not in late successional forests. Journal of Plant Ecology, 2019, 12, 593-602.	1.2	8
175	Heterogeneity in patterns of survival of the invasive species Ipomoea carnea in urban habitats along the Egyptian Nile Delta. NeoBiota, 0, 33, 1-17.	1.0	8
176	Opposing community assembly patterns for dominant and nondominant plant species in herbaceous ecosystems globally. Ecology and Evolution, 2021, 11, 17744-17761.	0.8	8
177	Individualâ€level leaf trait variation and correlation across biological and spatial scales. Ecology and Evolution, 2021, 11, 5344-5354.	0.8	7
178	Prioritization and thresholds for managing biological invasions in urban ecosystems. Urban Ecosystems, 2022, 25, 253-271.	1.1	6
179	Functionally distinct tree species support long-term productivity in extreme environments. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20211694.	1.2	6
180	A replicated study on the response of spider assemblages to regional and local processes. Ecological Monographs, 2022, 92, .	2.4	6

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181	Prioritizing terrestrial invasive alien plant species for management in urban ecosystems. Journal of Applied Ecology, 2022, 59, 872-883.	1.9	6
182	Embracing the Nonindependence of the Environmental Filter: A Reply to Responses. Trends in Ecology and Evolution, 2017, 32, 886-887.	4.2	5
183	Trait hierarchies are stronger than trait dissimilarities in structuring spatial coâ€occurrence patterns of common tree species in a subtropical forest. Ecology and Evolution, 2021, 11, 7366-7377.	0.8	5
184	Scaleâ€dependent shifts in functional and phylogenetic structure of Mediterranean island plant communities over two centuries. Journal of Ecology, 2021, 109, 3513.	1.9	5
185	Habitat loss-biodiversity relationships are influenced by assembly processes and the spatial configuration of area loss. Forest Ecology and Management, 2021, 496, 119452.	1.4	5
186	Partitioning the temporal changes in abundanceâ€based beta diversity into loss and gain components. Methods in Ecology and Evolution, 2022, 13, 2042-2048.	2.2	5
187	Editor's choice: Unintended trophic cascades from feral cat eradication. Journal of Applied Ecology, 2009, 46, 259-259.	1.9	4
188	Celebrating the golden jubilee of the Journal of Applied Ecology. Journal of Applied Ecology, 2013, 50, 1-3.	1.9	4
189	Colonization Rates in a Metacommunity Altered by Competition. PLoS ONE, 2014, 9, e88344.	1.1	4
190	A Common Toolbox to Understand, Monitor or Manage Rarity? A Response to Carmona et al.. Trends in Ecology and Evolution, 2017, 32, 891-893.	4.2	4
191	The list of vascular plants for the city of Toronto. Ecological Solutions and Evidence, 2021, 2, e12036.	0.8	4
192	Host plant environmental filtering drives foliar fungal community assembly in symptomatic leaves. Oecologia, 2021, 195, 737-749.	0.9	4
193	Invasion theory as a management tool for increasing native biodiversity in urban ecosystems. Journal of Applied Ecology, 2021, 58, 2394-2403.	1.9	4
194	Phylogenetic Diversity of Urban Floras in the Central Urals. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	4
195	National-scale changes in crop diversity through the Anthropocene. Scientific Reports, 2021, 11, 20361.	1.6	4
196	Mining in Madagascar and biodiversity loss: Are there options?. Biodiversity, 2000, 1, 2-8.	0.5	3
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