

Marc Cadotte

List of Publications by Year in descending order

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Version: 2024-02-01

203
papers

18,813
citations

22153
59
h-index

14759
127
g-index

226
all docs

226
docs citations

226
times ranked

19128
citing authors

#	ARTICLE	IF	CITATIONS
1	Prioritization and thresholds for managing biological invasions in urban ecosystems. <i>Urban Ecosystems</i> , 2022, 25, 253-271.	2.4	6
2	Multi-trophic metacommunity interactions mediate asynchrony and stability in fluctuating environments. <i>Ecological Monographs</i> , 2022, 92, e1484.	5.4	12
3	Nutrient enrichment increases invertebrate herbivory and pathogen damage in grasslands. <i>Journal of Ecology</i> , 2022, 110, 327-339.	4.0	25
4	Functionally distinct tree species support long-term productivity in extreme environments. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20211694.	2.6	6
5	Biodiversity responses to restoration across the Brazilian Atlantic Forest. <i>Science of the Total Environment</i> , 2022, 821, 153403.	8.0	12
6	A replicated study on the response of spider assemblages to regional and local processes. <i>Ecological Monographs</i> , 2022, 92, .	5.4	6
7	Co-designed ecological research for more effective management and conservation. <i>Ecological Solutions and Evidence</i> , 2022, 3, .	2.0	2
8	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.	6.4	16
9	Prioritizing terrestrial invasive alien plant species for management in urban ecosystems. <i>Journal of Applied Ecology</i> , 2022, 59, 872-883.	4.0	6
10	Multitrophic diversity and biotic associations influence subalpine forest ecosystem multifunctionality. <i>Ecology</i> , 2022, 103, e3745.	3.2	18
11	Drought soil legacy alters drivers of plant diversity-productivity relationships in oldfield systems. <i>Science Advances</i> , 2022, 8, eabn3368.	10.3	21
12	The latitudinal gradient in plant community assembly processes: A meta-analysis. <i>Ecology Letters</i> , 2022, 25, 1711-1724.	6.4	20
13	Partitioning the temporal changes in abundance-based beta diversity into loss and gain components. <i>Methods in Ecology and Evolution</i> , 2022, 13, 2042-2048.	5.2	5
14	Increasing effects of chronic nutrient enrichment on plant diversity loss and ecosystem productivity over time. <i>Ecology</i> , 2021, 102, e03218.	3.2	62
15	Mycorrhizal type influences plant density dependence and species richness across 15 temperate forests. <i>Ecology</i> , 2021, 102, e03259.	3.2	20
16	Training future generations to deliver evidence-based conservation and ecosystem management. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12032.	2.0	23
17	The list of vascular plants for the city of Toronto. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12036.	2.0	4
18	Host plant environmental filtering drives foliar fungal community assembly in symptomatic leaves. <i>Oecologia</i> , 2021, 195, 737-749.	2.0	4

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19	Individual-level leaf trait variation and correlation across biological and spatial scales. <i>Ecology and Evolution</i> , 2021, 11, 5344-5354.	1.9	7
20	Temporal changes in spatial variation: partitioning the extinction and colonisation components of beta diversity. <i>Ecology Letters</i> , 2021, 24, 1063-1072.	6.4	49
21	Effectively integrating experiments into conservation practice. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12069.	2.0	11
22	Trait hierarchies are stronger than trait dissimilarities in structuring spatial co-occurrence patterns of common tree species in a subtropical forest. <i>Ecology and Evolution</i> , 2021, 11, 7366-7377.	1.9	5
23	The dimensionality and structure of species trait spaces. <i>Ecology Letters</i> , 2021, 24, 1988-2009.	6.4	63
24	Scale-dependent shifts in functional and phylogenetic structure of Mediterranean island plant communities over two centuries. <i>Journal of Ecology</i> , 2021, 109, 3513.	4.0	5
25	Invasion theory as a management tool for increasing native biodiversity in urban ecosystems. <i>Journal of Applied Ecology</i> , 2021, 58, 2394-2403.	4.0	4
26	Elevational patterns of bird functional and phylogenetic structure in the central Himalaya. <i>Ecography</i> , 2021, 44, 1403-1417.	4.5	27
27	Invasion drives plant diversity loss through competition and ecosystem modification. <i>Journal of Ecology</i> , 2021, 109, 3587-3601.	4.0	33
28	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, .	7.1	40
29	Phylogenetic Diversity of Urban Floras in the Central Urals. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	4
30	Temporal rarity is a better predictor of local extinction risk than spatial rarity. <i>Ecology</i> , 2021, 102, e03504.	3.2	14
31	Habitat loss-biodiversity relationships are influenced by assembly processes and the spatial configuration of area loss. <i>Forest Ecology and Management</i> , 2021, 496, 119452.	3.2	5
32	National-scale changes in crop diversity through the Anthropocene. <i>Scientific Reports</i> , 2021, 11, 20361.	3.3	4
33	Opposing community assembly patterns for dominant and nondominant plant species in herbaceous ecosystems globally. <i>Ecology and Evolution</i> , 2021, 11, 17744-17761.	1.9	8
34	TRY plant trait database “ enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
35	Urbanization and plant invasion alter the structure of litter microarthropod communities. <i>Journal of Animal Ecology</i> , 2020, 89, 2496-2507.	2.8	14
36	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.	9.5	25

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37	Restoration-oriented forest management affects community assembly patterns of deadwood-dependent organisms. <i>Journal of Applied Ecology</i> , 2020, 57, 2429-2440.	4.0	17
38	Ensuring tests of conservation interventions build on existing literature. <i>Conservation Biology</i> , 2020, 34, 781-783.	4.7	14
39	General destabilizing effects of eutrophication on grassland productivity at multiple spatial scales. <i>Nature Communications</i> , 2020, 11, 5375.	12.8	75
40	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.	2.0	9
41	Niche Breadth: Causes and Consequences for Ecology, Evolution, and Conservation. <i>Quarterly Review of Biology</i> , 2020, 95, 179-214.	0.1	114
42	Species responses to changing precipitation depend on trait plasticity rather than trait means and intraspecific variation. <i>Functional Ecology</i> , 2020, 34, 2622-2633.	3.6	20
43	Invasive dominance and resident diversity: unpacking the impact of plant invasion on biodiversity and ecosystem function. <i>Ecological Monographs</i> , 2020, 90, e01425.	5.4	27
44	Nutrients cause grassland biomass to outpace herbivory. <i>Nature Communications</i> , 2020, 11, 6036.	12.8	35
45	Tree mycorrhizal type mediates the strength of negative density dependence in temperate forests. <i>Journal of Ecology</i> , 2020, 108, 2601-2610.	4.0	25
46	The mechanisms generating community phylogenetic patterns change with spatial scale. <i>Oecologia</i> , 2020, 193, 655-664.	2.0	9
47	Primary determinants of communities in deadwood vary among taxa but are regionally consistent. <i>Oikos</i> , 2020, 129, 1579-1588.	2.7	63
48	Making the applied research that practitioners need and want accessible. <i>Ecological Solutions and Evidence</i> , 2020, 1, e12000.	2.0	10
49	Richness, phylogenetic diversity, and abundance all have positive effects on invader performance in an arid ecosystem. <i>Ecosphere</i> , 2020, 11, e03045.	2.2	16
50	Neighborhood interactions on seedling survival were greatly altered following an extreme winter storm. <i>Forest Ecology and Management</i> , 2020, 461, 117940.	3.2	11
51	Plant diversity enhances the reclamation of degraded lands by stimulating plant-soil feedbacks. <i>Journal of Applied Ecology</i> , 2020, 57, 1258-1270.	4.0	22
52	Functional and phylogenetic diversity explain different components of diversity effects on biomass production. <i>Oikos</i> , 2020, 129, 1185-1195.	2.7	32
53	Frag SAD : A database of diversity and species abundance distributions from habitat fragments. <i>Ecology</i> , 2019, 100, e02861.	3.2	8
54	Do traits and phylogeny support congruent community diversity patterns and assembly inferences?. <i>Journal of Ecology</i> , 2019, 107, 2065-2077.	4.0	79

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55	Nitrogen alters effects of disturbance on annual grassland community diversity: Implications for restoration. <i>Journal of Ecology</i> , 2019, 107, 2054-2064.	4.0	10
56	Plants alter their vertical root distribution rather than biomass allocation in response to changing precipitation. <i>Ecology</i> , 2019, 100, e02828.	3.2	86
57	Global evidence of positive biodiversity effects on spatial ecosystem stability in natural grasslands. <i>Nature Communications</i> , 2019, 10, 3207.	12.8	59
58	Forest community assembly is driven by different strata-dependent mechanisms along an elevational gradient. <i>Journal of Biogeography</i> , 2019, 46, 2174-2187.	3.0	32
59	Lost in trait space: species-poor communities are inflexible in properties that drive ecosystem functioning. <i>Advances in Ecological Research</i> , 2019, , 91-131.	2.7	14
60	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.	6.4	51
61	Plant invasion alters trait composition and diversity across habitats. <i>Ecology and Evolution</i> , 2019, 9, 6199-6210.	1.9	55
62	Fungi associated with beetles dispersing from dead wood – Let's take the beetle bus!. <i>Fungal Ecology</i> , 2019, 39, 100-108.	1.6	41
63	Experimental dominant plant removal results in contrasting assembly for dominant and non-dominant plants. <i>Ecology Letters</i> , 2019, 22, 1233-1242.	6.4	12
64	Assessing the utility of conserving evolutionary history. <i>Biological Reviews</i> , 2019, 94, 1740-1760.	10.4	65
65	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.	2.6	16
66	Applied ecologists in a landscape of fear. <i>Journal of Applied Ecology</i> , 2019, 56, 1034-1039.	4.0	12
67	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.	4.0	13
68	Regional and global shifts in crop diversity through the Anthropocene. <i>PLoS ONE</i> , 2019, 14, e0209788.	2.5	53
69	Reply to: ‘‘Global conservation of phylogenetic diversity captures more than just functional diversity’’ <i>Nature Communications</i> , 2019, 10, 858.	12.8	13
70	Individual-based models of community assembly: Neighbourhood competition drives phylogenetic community structure. <i>Journal of Ecology</i> , 2019, 107, 735-746.	4.0	22
71	Intraspecific trait variation improves the detection of deterministic community assembly processes in early successional forests, but not in late successional forests. <i>Journal of Plant Ecology</i> , 2019, 12, 593-602.	2.3	8
72	Rare and phylogenetically distinct plant species exhibit less diverse root-associated pathogen communities. <i>Journal of Ecology</i> , 2019, 107, 1226-1237.	4.0	11

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73	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.	4.0	70
74	Warming affects foliar fungal diseases more than precipitation in a Tibetan alpine meadow. <i>New Phytologist</i> , 2019, 221, 1574-1584.	7.3	42
75	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.	5.4	27
76	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.	18.7	90
77	Herbivores safeguard plant diversity by reducing variability in dominance. <i>Journal of Ecology</i> , 2018, 106, 101-112.	4.0	40
78	Planting accelerates restoration of tropical forest but assembly mechanisms appear insensitive to initial composition. <i>Journal of Applied Ecology</i> , 2018, 55, 986-996.	4.0	22
79	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.	4.0	34
80	Local loss and spatial homogenization of plant diversity reduce ecosystem multifunctionality. <i>Nature Ecology and Evolution</i> , 2018, 2, 50-56.	7.8	172
81	Biodiversity assessments: Origin matters. <i>PLoS Biology</i> , 2018, 16, e2006686.	5.6	52
82	Manipulating plant phylogenetic diversity for green roof ecosystem service delivery. <i>Evolutionary Applications</i> , 2018, 11, 2014-2024.	3.1	21
83	Protect Third Pole's fragile ecosystem. <i>Science</i> , 2018, 362, 1368-1368.	12.6	76
84	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.	1.9	16
85	On the relationship between phylogenetic diversity and trait diversity. <i>Ecology</i> , 2018, 99, 1473-1479.	3.2	136
86	The importance of accounting for imperfect detection when estimating functional and phylogenetic community structure. <i>Ecology</i> , 2018, 99, 2103-2112.	3.2	38
87	Spatial heterogeneity in species composition constrains plant community responses to herbivory and fertilisation. <i>Ecology Letters</i> , 2018, 21, 1364-1371.	6.4	38
88	Prioritizing phylogenetic diversity captures functional diversity unreliably. <i>Nature Communications</i> , 2018, 9, 2888.	12.8	144
89	The ecology and economics of restoration: when, what, where, and how to restore ecosystems. <i>Ecology and Society</i> , 2018, 23, .	2.3	58
90	Difficult decisions: Strategies for conservation prioritization when taxonomic, phylogenetic and functional diversity are not spatially congruent. <i>Biological Conservation</i> , 2018, 225, 128-133.	4.1	82

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91	The Necessity of Multitrophic Approaches in Community Ecology. Trends in Ecology and Evolution, 2018, 33, 754-764.	8.7	105
92	Testing Darwin's transoceanic dispersal hypothesis for the inland nettle family (Urticaceae). Ecology Letters, 2018, 21, 1515-1529.	6.4	40
93	Predicting loss of evolutionary history: Where are we?. Biological Reviews, 2017, 92, 271-291.	10.4	67
94	Integrating trait and phylogenetic distances to assess scale-dependent community assembly processes. Ecography, 2017, 40, 742-752.	4.5	38
95	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.	4.0	30
96	Functional and phylogenetic structure of island bird communities. Journal of Animal Ecology, 2017, 86, 532-542.	2.8	73
97	Why phylogenies do not always predict ecological differences. Ecological Monographs, 2017, 87, 535-551.	5.4	148
98	Biodiversity and ecosystem function: making sense of numerous species interactions in multi-species communities. Ecology, 2017, 98, 1771-1778.	3.2	36
99	Functional traits explain ecosystem function through opposing mechanisms. Ecology Letters, 2017, 20, 989-996.	6.4	273
100	Functional Rarity: The Ecology of Outliers. Trends in Ecology and Evolution, 2017, 32, 356-367.	8.7	258
101	Should Environmental Filtering be Abandoned?. Trends in Ecology and Evolution, 2017, 32, 429-437.	8.7	509
102	Trait dimensionality and population choice alter estimates of phenotypic dissimilarity. Ecology and Evolution, 2017, 7, 2273-2285.	1.9	9
103	Non-native species in urban environments: patterns, processes, impacts and challenges. Biological Invasions, 2017, 19, 3461-3469.	2.4	190
104	A Common Toolbox to Understand, Monitor or Manage Rarity? A Response to Carmona et al.. Trends in Ecology and Evolution, 2017, 32, 891-893.	8.7	4
105	Explaining ecosystem multifunction with evolutionary models. Ecology, 2017, 98, 3175-3187.	3.2	14
106	Are urban systems beneficial, detrimental, or indifferent for biological invasion?. Biological Invasions, 2017, 19, 3489-3503.	2.4	117
107	Embracing the Nonindependence of the Environmental Filter: A Reply to Responses. Trends in Ecology and Evolution, 2017, 32, 886-887.	8.7	5
108	Honey bees are the dominant diurnal pollinator of native milkweed in a large urban park. Ecology and Evolution, 2017, 7, 8456-8462.	1.9	19

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109	Out of the shadows: multiple nutrient limitations drive relationships among biomass, light and plant diversity. <i>Functional Ecology</i> , 2017, 31, 1839-1846.	3.6	55
110	From patches to richness: assessing the potential impact of landscape transformation on biodiversity. <i>Ecosphere</i> , 2017, 8, e02004.	2.2	13
111	A guide to phylogenetic metrics for conservation, community ecology and macroecology. <i>Biological Reviews</i> , 2017, 92, 698-715.	10.4	570
112	Effect of Environmental Variation on Estimating the Bacterial Species Richness. <i>Frontiers in Microbiology</i> , 2017, 8, 690.	3.5	8
113	Conservation of Species- and Trait-Based Modeling Network Interactions in Extremely Acidic Microbial Community Assembly. <i>Frontiers in Microbiology</i> , 2017, 8, 1486.	3.5	10
114	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.	2.5	41
115	Contrasting patterns of lichen functional diversity and species richness across an elevation gradient. <i>Ecography</i> , 2016, 39, 689-698.	4.5	93
116	Phylogenetic conservatism and climate factors shape flowering phenology in alpine meadows. <i>Oecologia</i> , 2016, 182, 419-428.	2.0	20
117	Phylogenetic ecology and the greening of cities. <i>Journal of Applied Ecology</i> , 2016, 53, 1470-1476.	4.0	29
118	Changes in the dominant assembly mechanism drive species loss caused by declining resources. <i>Ecology Letters</i> , 2016, 19, 163-170.	6.4	60
119	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.	4.0	34
120	Transforming ecosystems: When, where, and how to restore contaminated sites. <i>Integrated Environmental Assessment and Management</i> , 2016, 12, 273-283.	2.9	24
121	Addition of multiple limiting resources reduces grassland diversity. <i>Nature</i> , 2016, 537, 93-96.	27.8	355
122	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.	3.7	30
123	Deconstructing the relationships between phylogenetic diversity and ecology: a case study on ecosystem functioning. <i>Ecology</i> , 2016, 97, 2212-2222.	3.2	34
124	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.	6.4	119
125	Achieving and communicating globally relevant applied ecological research. <i>Journal of Applied Ecology</i> , 2016, 53, 1-4.	4.0	3
126	Functional response of lignicolous fungal guilds to bark beetle deforestation. <i>Ecological Indicators</i> , 2016, 65, 149-160.	6.3	48

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127	The effects of phylogenetic relatedness on invasion success and impact: deconstructing Darwin's naturalisation conundrum. <i>Ecology Letters</i> , 2015, 18, 1285-1292.	6.4	100
128	Species colonisation, not competitive exclusion, drives community overdispersion over long-term succession. <i>Ecology Letters</i> , 2015, 18, 964-973.	6.4	103
129	Phylogenetic diversity and productivity: gauging interpretations from experiments that do not manipulate phylogenetic diversity. <i>Functional Ecology</i> , 2015, 29, 1603-1606.	3.6	31
130	Phylogenetic diversity–ecosystem function relationships are insensitive to phylogenetic edge lengths. <i>Functional Ecology</i> , 2015, 29, 718-723.	3.6	20
131	Predicting communities from functional traits. <i>Trends in Ecology and Evolution</i> , 2015, 30, 510-511.	8.7	138
132	pep: phylogenetics for the environmental sciences. <i>Bioinformatics</i> , 2015, 31, 2888-2890.	4.1	146
133	Phylogenetic turnover patterns consistent with niche conservatism in montane plant species. <i>Journal of Ecology</i> , 2015, 103, 742-749.	4.0	35
134	Phylogeny in the Service of Ecological Restoration. <i>American Journal of Botany</i> , 2015, 102, 647-648.	1.7	59
135	Plant species' origin predicts dominance and response to nutrient enrichment and herbivores in global grasslands. <i>Nature Communications</i> , 2015, 6, 7710.	12.8	143
136	Is successional research nearing its climax? New approaches for understanding dynamic communities. <i>Functional Ecology</i> , 2015, 29, 154-164.	3.6	183
137	Contrasting effects of phylogenetic relatedness on plant invader success in experimental grassland communities. <i>Journal of Applied Ecology</i> , 2015, 52, 89-99.	4.0	40
138	Management by proxy? The use of indices in applied ecology. <i>Journal of Applied Ecology</i> , 2015, 52, 1-6.	4.0	133
139	Explaining maximum variation in productivity requires phylogenetic diversity and single functional traits. <i>Ecology</i> , 2015, 96, 176-183.	3.2	56
140	Colonization Rates in a Metacommunity Altered by Competition. <i>PLoS ONE</i> , 2014, 9, e88344.	2.5	4
141	Near-nature logging influences fungal community assembly processes in a temperate forest. <i>Journal of Applied Ecology</i> , 2014, 51, 939-948.	4.0	80
142	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.	7.1	12
143	How hydroperiod and species richness affect the balance of resource flows across aquatic-terrestrial habitats. <i>Aquatic Sciences</i> , 2014, 76, 131-143.	1.5	38
144	Herbivores and nutrients control grassland plant diversity via light limitation. <i>Nature</i> , 2014, 508, 517-520.	27.8	669

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145	The ecology of differences: assessing community assembly with trait and evolutionary distances. Ecology Letters, 2013, 16, 1234-1244.	6.4	304
146	Celebrating the golden jubilee of the <i>Journal of Applied Ecology</i>. Journal of Applied Ecology, 2013, 50, 1-3.	4.0	4
147	Unifying measures of biodiversity: understanding when richness and phylogenetic diversity should be congruent. Diversity and Distributions, 2013, 19, 845-854.	4.1	138
148	Fire variability, as well as frequency, can explain coexistence between seeder and resprouter life histories. Journal of Applied Ecology, 2013, 50, 594-602.	4.0	13
149	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.	7.1	208
150	Diversity of plant evolutionary lineages promotes arthropod diversity. Ecology Letters, 2012, 15, 1308-1317.	6.4	108
151	Incorporating Geographical and Evolutionary Rarity into Conservation Prioritization. Conservation Biology, 2012, 26, 593-601.	4.7	60
152	Gauging the impact of meta-analysis on ecology. Evolutionary Ecology, 2012, 26, 1153-1167.	1.2	55
153	Phylogenetic diversity promotes ecosystem stability. Ecology, 2012, 93, S223.	3.2	372
154	Ensuring applied ecology has impact. Journal of Applied Ecology, 2012, 49, 1-5.	4.0	29
155	Phylogenetic diversity and the functioning of ecosystems. Ecology Letters, 2012, 15, 637-648.	6.4	432
156	Phylogenetically diverse grasslands are associated with pairwise interspecific processes that increase biomass. Ecology, 2011, 92, 1385-1392.	3.2	43
157	Quantifying Biodiversity: Does It Matter What We Measure?. , 2011, , 43-60.		18
158	Linking community and ecosystem dynamics through spatial ecology. Ecology Letters, 2011, 14, 313-323.	6.4	213
159	Beyond species: functional diversity and the maintenance of ecological processes and services. Journal of Applied Ecology, 2011, 48, 1079-1087.	4.0	1,545
160	The new diversity: management gains through insights into the functional diversity of communities. Journal of Applied Ecology, 2011, 48, 1067-1069.	4.0	62
161	Phylogenetic Patterns of Colonization and Extinction in Experimentally Assembled Plant Communities. PLoS ONE, 2011, 6, e19363.	2.5	30
162	Rarest of the rare: advances in combining evolutionary distinctiveness and scarcity to inform conservation at biogeographical scales. Diversity and Distributions, 2010, 16, 376-385.	4.1	191

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163	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.	4.1	56
164	Putting applied ecology into practice. <i>Journal of Applied Ecology</i> , 2010, 47, 1-4.	4.0	31
165	Phenology as a basis for management of exotic annual plants in desert invasions. <i>Journal of Applied Ecology</i> , 2010, 47, 1290-1299.	4.0	51
166	Phylogenetic diversity metrics for ecological communities: integrating species richness, abundance and evolutionary history. <i>Ecology Letters</i> , 2010, 13, 96-105.	6.4	340
167	Recasting spatial food web ecology as an ecosystem science. <i>Nature Precedings</i> , 2010, , .	0.1	0
168	Why plants lose their inhibitions in the Arctic: functional traits, phylogenetics and respiration in the light. <i>Nature Precedings</i> , 2010, , .	0.1	0
169	Using Phylogenetic, Functional and Trait Diversity to Understand Patterns of Plant Community Productivity. <i>PLoS ONE</i> , 2009, 4, e5695.	2.5	558
170	Editor's choice: Modelling diseaseâ€“coral dynamics as a way to understand longâ€“term coral reef persistence. <i>Journal of Applied Ecology</i> , 2009, 46, 733-733.	4.0	0
171	Editorâ€™s choice: predicting invader success requires integrating ecological and landâ€“use patterns. <i>Journal of Applied Ecology</i> , 2009, 46, 1357-1357.	4.0	1
172	Plant genetics shapes inquiline community structure across spatial scales. <i>Ecology Letters</i> , 2009, 12, 285-292.	6.4	43
173	Phylogenetic relatedness and plant invader success across two spatial scales. <i>Diversity and Distributions</i> , 2009, 15, 481-488.	4.1	89
174	Effects of biodiversity on the functioning of ecosystems: a summary of 164 experimental manipulations of species richness. <i>Ecology</i> , 2009, 90, 854-854.	3.2	36
175	Editor's choice: Unintended trophic cascades from feral cat eradication. <i>Journal of Applied Ecology</i> , 2009, 46, 259-259.	4.0	4
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