

David D Ackerly

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3280239/publications.pdf>

Version: 2024-02-01

167
papers

42,232
citations

10389

72
h-index

5679

162
g-index

171
all docs

171
docs citations

171
times ranked

32975
citing authors

#	ARTICLE	IF	CITATIONS
1	The worldwide leaf economics spectrum. <i>Nature</i> , 2004, 428, 821-827.	27.8	6,489
2	Picante: R tools for integrating phylogenies and ecology. <i>Bioinformatics</i> , 2010, 26, 1463-1464.	4.1	4,517
3	Phylogenies and Community Ecology. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2002, 33, 475-505.	6.7	3,473
4	TRY – a global database of plant traits. <i>Global Change Biology</i> , 2011, 17, 2905-2935.	9.5	2,002
5	The velocity of climate change. <i>Nature</i> , 2009, 462, 1052-1055.	27.8	1,930
6	Phylocom: software for the analysis of phylogenetic community structure and trait evolution. <i>Bioinformatics</i> , 2008, 24, 2098-2100.	4.1	1,502
7	Niche conservatism as an emerging principle in ecology and conservation biology. <i>Ecology Letters</i> , 2010, 13, 1310-1324.	6.4	1,387
8	A TRAIT-BASED TEST FOR HABITAT FILTERING: CONVEX HULL VOLUME. <i>Ecology</i> , 2006, 87, 1465-1471.	3.2	963
9	Functional Traits and Niche-Based Tree Community Assembly in an Amazonian Forest. <i>Science</i> , 2008, 322, 580-582.	12.6	949
10	Community assembly and shifts in plant trait distributions across an environmental gradient in coastal California. <i>Ecological Monographs</i> , 2009, 79, 109-126.	5.4	940
11	Phylogenetic Overdispersion in Floridian Oak Communities. <i>American Naturalist</i> , 2004, 163, 823-843.	2.1	738
12	A trait-based approach to community assembly: partitioning of species trait values into within- and among-community components. <i>Ecology Letters</i> , 2007, 10, 135-145.	6.4	638
13	Trait Evolution, Community Assembly, and the Phylogenetic Structure of Ecological Communities. <i>American Naturalist</i> , 2007, 170, 271-283.	2.1	625
14	ARE FUNCTIONAL TRAITS GOOD PREDICTORS OF DEMOGRAPHIC RATES? EVIDENCE FROM FIVE NEOTROPICAL FORESTS. <i>Ecology</i> , 2008, 89, 1908-1920.	3.2	572
15	Interpreting phenotypic variation in plants. <i>Trends in Ecology and Evolution</i> , 1994, 9, 187-191.	8.7	556
16	A Brief History of Seed Size. <i>Science</i> , 2005, 307, 576-580.	12.6	513
17	Functional trait and phylogenetic tests of community assembly across spatial scales in an Amazonian forest. <i>Ecological Monographs</i> , 2010, 80, 401-422.	5.4	501
18	The geography of climate change: implications for conservation biogeography. <i>Diversity and Distributions</i> , 2010, 16, 476-487.	4.1	490

#	ARTICLE	IF	CITATIONS
19	Leaf size, specific leaf area and microhabitat distribution of chaparral woody plants: contrasting patterns in species level and community level analyses. <i>Oecologia</i> , 2002, 130, 449-457.	2.0	432
20	FUNCTIONAL STRATEGIES OF CHAPARRAL SHRUBS IN RELATION TO SEASONAL WATER DEFICIT AND DISTURBANCE. <i>Ecological Monographs</i> , 2004, 74, 25-44.	5.4	431
21	Filling key gaps in population and community ecology. <i>Frontiers in Ecology and the Environment</i> , 2007, 5, 145-152.	4.0	401
22	The Evolution of Plant Ecophysiological Traits: Recent Advances and Future Directions. <i>BioScience</i> , 2000, 50, 979.	4.9	387
23	Angiosperm wood structure: Global patterns in vessel anatomy and their relation to wood density and potential conductivity. <i>American Journal of Botany</i> , 2010, 97, 207-215.	1.7	355
24	Climate Change and the Future of California's Endemic Flora. <i>PLoS ONE</i> , 2008, 3, e2502.	2.5	344
25	Global patterns in seed size. <i>Global Ecology and Biogeography</i> , 2007, 16, 109-116.	5.8	334
26	Plant-pollinator interactions and the assembly of plant communities. <i>Trends in Ecology and Evolution</i> , 2008, 23, 123-130.	8.7	333
27	Relationships Among Ecologically Important Dimensions of Plant Trait Variation in Seven Neotropical Forests. <i>Annals of Botany</i> , 2007, 99, 1003-1015.	2.9	317
28	Conservatism and diversification of plant functional traits: Evolutionary rates versus phylogenetic signal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19699-19706.	7.1	313
29	Leaf Size, Sapling Allometry, and Corner's Rules: Phylogeny and Correlated Evolution in Maples (<i>Acer</i>). <i>American Naturalist</i> , 1998, 152, 767-791.	2.1	312
30	Adaptation, Niche Conservatism, and Convergence: Comparative Studies of Leaf Evolution in the California Chaparral. <i>American Naturalist</i> , 2004, 163, 654-671.	2.1	285
31	Factors that shape seed mass evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 10540-10544.	7.1	280
32	Flammability and serotiny as strategies: correlated evolution in pines. <i>Oikos</i> , 2001, 94, 326-336.	2.7	279
33	Convergence and correlations among leaf size and function in seed plants: a comparative test using independent contrasts. <i>American Journal of Botany</i> , 1999, 86, 1272-1281.	1.7	262
34	Merging paleobiology with conservation biology to guide the future of terrestrial ecosystems. <i>Science</i> , 2017, 355, .	12.6	260
35	Hydrologic refugia, plants, and climate change. <i>Global Change Biology</i> , 2017, 23, 2941-2961.	9.5	257
36	NICHE EVOLUTION AND ADAPTIVE RADIATION: TESTING THE ORDER OF TRAIT DIVERGENCE. <i>Ecology</i> , 2006, 87, S50-S61.	3.2	241

#	ARTICLE	IF	CITATIONS
37	Phylogeny, niche conservatism and the latitudinal diversity gradient in mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2131-2138.	2.6	219
38	Twentieth-century shifts in forest structure in California: Denser forests, smaller trees, and increased dominance of oaks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1458-1463.	7.1	199
39	TAXON SAMPLING, CORRELATED EVOLUTION, AND INDEPENDENT CONTRASTS. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1480-1492.	2.3	196
40	Why are evergreen leaves so contrary about shade?. <i>Trends in Ecology and Evolution</i> , 2008, 23, 299-303.	8.7	193
41	Variation in nuclear DNA content across environmental gradients: a quantile regression analysis. <i>Ecology Letters</i> , 2002, 5, 66-76.	6.4	189
42	The theory behind, and the challenges of, conserving nature's stage in a time of rapid change. <i>Conservation Biology</i> , 2015, 29, 618-629.	4.7	188
43	A Comparative Method for Both Discrete and Continuous Characters Using the Threshold Model. <i>American Naturalist</i> , 2012, 179, 145-156.	2.1	181
44	Leaf dynamics, self-shading and carbon gain in seedlings of a tropical pioneer tree. <i>Oecologia</i> , 1995, 101, 289-298.	2.0	177
45	Climate change refugia: biodiversity in the slow lane. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 228-234.	4.0	156
46	Beyond a warming fingerprint: individualistic biogeographic responses to heterogeneous climate change in California. <i>Global Change Biology</i> , 2014, 20, 2841-2855.	9.5	154
47	Self-shading, carbon gain and leaf dynamics: a test of alternative optimality models. <i>Oecologia</i> , 1999, 119, 300-310.	2.0	145
48	The mode and tempo of genome size evolution in eukaryotes. <i>Genome Research</i> , 2007, 17, 594-601.	5.5	140
49	A link between plant traits and abundance: evidence from coastal California woody plants. <i>Journal of Ecology</i> , 2010, 98, 814-821.	4.0	129
50	Contrasting trait responses in plant communities to experimental and geographic variation in precipitation. <i>New Phytologist</i> , 2010, 188, 565-575.	7.3	127
51	Evolution and plasticity of photosynthetic thermal tolerance, specific leaf area and leaf size: congeneric species from desert and coastal environments. <i>New Phytologist</i> , 2003, 160, 337-347.	7.3	125
52	Seedling Crown Orientation and Interception of Diffuse Radiation in Tropical Forest Gaps. <i>Ecology</i> , 1995, 76, 1134-1146.	3.2	121
53	Low Vulnerability to Xylem Embolism in Leaves and Stems of North American Oaks. <i>Plant Physiology</i> , 2018, 177, 1066-1077.	4.8	117
54	SPECIES AND FUNCTIONAL DIVERSITY OF NATIVE AND HUMAN-DOMINATED PLANT COMMUNITIES. <i>Ecology</i> , 2005, 86, 2365-2372.	3.2	111

#	ARTICLE	IF	CITATIONS
55	Phylogenetic uncertainties and sensitivity analyses in comparative biology. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1996, 351, 1241-1249.	4.0	109
56	Mangrove Biodiversity and Ecosystem Function. <i>Global Ecology and Biogeography Letters</i> , 1998, 7, 3.	0.6	106
57	Global to community scale differences in the prevalence of convergent over divergent leaf trait distributions in plant assemblages. <i>Global Ecology and Biogeography</i> , 2011, 20, 755-765.	5.8	106
58	Spatial phylogenetics of the native California flora. <i>BMC Biology</i> , 2017, 15, 96.	3.8	104
59	Plant growth and reproduction along CO ₂ gradients: non-linear responses and implications for community change. <i>Global Change Biology</i> , 1995, 1, 199-207.	9.5	96
60	A broader model for C ₄ photosynthesis evolution in plants inferred from the goosefoot family (<i>Chenopodiaceae</i> s.s.). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3304-3311.	2.6	96
61	Significance of leaf longevity in plants. <i>Plant Species Biology</i> , 1999, 14, 39-45.	1.0	95
62	Range size, taxon age and hotspots of neoendemism in the California flora. <i>Diversity and Distributions</i> , 2010, 16, 403-413.	4.1	91
63	An ecological and evolutionary analysis of photosynthetic thermotolerance using the temperature-dependent increase in fluorescence. <i>Oecologia</i> , 2002, 130, 505-514.	2.0	86
64	DEFOLIATION AND GROWTH IN AN UNDERSTORY PALM: QUANTIFYING THE CONTRIBUTIONS OF COMPENSATORY RESPONSES. <i>Ecology</i> , 2003, 84, 2905-2918.	3.2	86
65	Ecological relevance of minimum seasonal water potentials. <i>Physiologia Plantarum</i> , 2006, 127, 353-359.	5.2	86
66	Evolution, origin and age of lineages in the Californian and Mediterranean floras. <i>Journal of Biogeography</i> , 2009, 36, 1221-1233.	3.0	85
67	Endemic plant communities on special soils: early victims or hardy survivors of climate change?. <i>Journal of Ecology</i> , 2012, 100, 1122-1130.	4.0	85
68	Salinity and light interactively affect neotropical mangrove seedlings at the leaf and whole plant levels. <i>Oecologia</i> , 2006, 150, 545-556.	2.0	84
69	Is there a cost to resprouting? Seedling growth rate and drought tolerance in sprouting and nonsprouting <i>Ceanothus</i> (<i>Rhamnaceae</i>). <i>American Journal of Botany</i> , 2005, 92, 404-410.	1.7	83
70	Canopy-level photosynthetic compensation after defoliation in a tropical understory palm. <i>Functional Ecology</i> , 2001, 15, 252-262.	3.6	81
71	Limiting similarity and functional diversity along environmental gradients. <i>Ecology Letters</i> , 2005, 8, 272-281.	6.4	78
72	New concepts, models, and assessments of climate-wise connectivity. <i>Environmental Research Letters</i> , 2018, 13, 073002.	5.2	77

#	ARTICLE	IF	CITATIONS
73	Defoliation and ENSO effects on vital rates of an understory tropical rain forest palm. <i>Journal of Ecology</i> , 2009, 97, 1050-1061.	4.0	76
74	Hydraulic architecture and the evolution of shoot allometry in contrasting climates. <i>American Journal of Botany</i> , 2003, 90, 1502-1512.	1.7	74
75	The relative influence of climate and housing development on current and projected future fire patterns and structure loss across three California landscapes. <i>Global Environmental Change</i> , 2019, 56, 41-55.	7.8	74
76	Evolutionary Legacy Effects on Ecosystems: Biogeographic Origins, Plant Traits, and Implications for Management in the Era of Global Change. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2016, 47, 433-462.	8.3	73
77	Canopy Structure and Dynamics: Integration of Growth Processes in Tropical Pioneer Trees. , 1996, , 619-658.		72
78	Light, leaf age, and leaf nitrogen concentration in a tropical vine. <i>Oecologia</i> , 1992, 89, 596-600.	2.0	70
79	Evolution of hydraulic traits in closely related species pairs from mediterranean and nonmediterranean environments of North America. <i>New Phytologist</i> , 2007, 176, 718-726.	7.3	70
80	Biogeography, changing climates, and niche evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19631-19636.	7.1	69
81	The diversity and conservation of plant reproductive and dispersal functional traits in human-dominated tropical landscapes. <i>Journal of Ecology</i> , 2006, 94, 522-536.	4.0	67
82	Assembly of Plant Communities. , 2014, , 67-88.		67
83	CO ₂ and Temperature Effects on Leaf Area Production in Two Annual Plant Species. <i>Ecology</i> , 1992, 73, 1260-1269.	3.2	62
84	A new method of growth analysis for plants that experience periodic losses of leaf mass. <i>Functional Ecology</i> , 2001, 15, 804-811.	3.6	56
85	Topoclimates, refugia, and biotic responses to climate change. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 288-297.	4.0	54
86	Landscape and species-level distribution of morphological and life history traits in a temperate woodland flora. <i>Journal of Vegetation Science</i> , 2000, 11, 213-224.	2.2	52
87	No local adaptation in leaf or stem xylem vulnerability to embolism, but consistent vulnerability segmentation in a North American oak. <i>New Phytologist</i> , 2019, 223, 1296-1306.	7.3	52
88	Size-dependent variation of gender in high density stands of the monoecious annual, <i>Ambrosia artemisiifolia</i> (Asteraceae). <i>Oecologia</i> , 1990, 82, 474-477.	2.0	51
89	Range edges in heterogeneous landscapes: Integrating geographic scale and climate complexity into range dynamics. <i>Global Change Biology</i> , 2020, 26, 1055-1067.	9.5	51
90	The Forest-Cerrado Transition Zone in Southern Amazonia: Results of the 1985 Projeto Flora Amazonica Expedition to Mato Grosso. <i>Brittonia</i> , 1989, 41, 113.	0.2	50

#	ARTICLE	IF	CITATIONS
91	CO ₂ Enrichment and Dependence of Reproduction on Density in an Annual Plant and a Simulation of its Population Dynamics. <i>Journal of Ecology</i> , 1992, 80, 643.	4.0	50
92	Mangrove Seedling Net Photosynthesis, Growth, and Survivorship are Interactively Affected by Salinity and Light. <i>Biotropica</i> , 2006, 38, 606-616.	1.6	50
93	Soil drying and nitrogen availability modulate carbon and water exchange over a range of annual precipitation totals and grassland vegetation types. <i>Global Change Biology</i> , 2009, 15, 3018-3030.	9.5	50
94	Species richness and endemism in the native flora of California. <i>American Journal of Botany</i> , 2017, 104, 487-501.	1.7	50
95	Facets of phylodiversity: evolutionary diversification, divergence and survival as conservation targets. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20170397.	4.0	48
96	Beyond isohydricity: The role of environmental variability in determining plant drought responses. <i>Plant, Cell and Environment</i> , 2019, 42, 1104-1111.	5.7	47
97	Are leaf functional traits "invariant" with plant size and what is "invariance" anyway?. <i>Functional Ecology</i> , 2014, 28, 1330-1343.	3.6	46
98	Sustainability of Mangrove Harvesting: How do Harvesters' Perceptions Differ from Ecological Analysis?. <i>Ecology and Society</i> , 2006, 11, .	2.3	45
99	Traits, Habitats, and Clades: Identifying Traits of Potential Importance to Environmental Filtering. <i>American Naturalist</i> , 2009, 174, E1-E22.	2.1	45
100	Microclimate and demography interact to shape stable population dynamics across the range of an alpine plant. <i>New Phytologist</i> , 2019, 222, 193-205.	7.3	45
101	Correlated evolution of chloroplast heat shock protein expression in closely related plant species. <i>American Journal of Botany</i> , 2001, 88, 411-418.	1.7	44
102	Carbon assimilation and habitat segregation in resurrection plants: a comparison between desiccation- and non-desiccation-tolerant species of Neotropical Velloziaceae (Pandanales). <i>Functional Ecology</i> , 2015, 29, 1499-1512.	3.6	42
103	Evolutionary relationships between drought-related traits and climate shape large hydraulic safety margins in western North American oaks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	41
104	Phylogeny and Ecology Reconsidered. <i>Journal of Ecology</i> , 1995, 83, 730.	4.0	40
105	Multiple axes of ecological vulnerability to climate change. <i>Global Change Biology</i> , 2020, 26, 2798-2813.	9.5	40
106	Ecological strategies in California chaparral: interacting effects of soils, climate, and fire on specific leaf area. <i>Plant Ecology and Diversity</i> , 2011, 4, 179-188.	2.4	38
107	The ecohydrological context of drought and classification of plant responses. <i>Ecology Letters</i> , 2018, 21, 1723-1736.	6.4	38
108	Compound fire-drought regimes promote ecosystem transitions in Mediterranean ecosystems. <i>Journal of Ecology</i> , 2019, 107, 1187-1198.	4.0	38

#	ARTICLE	IF	CITATIONS
109	Effect of local community phylogenetic structure on pollen limitation in an obligately insect-pollinated plant. <i>American Journal of Botany</i> , 2011, 98, 283-289.	1.7	37
110	Niche evolution across spatial scales: climate and habitat specialization in California <i>Lasthenia</i> (Asteraceae). <i>Ecology</i> , 2012, 93, S151-S166.	3.2	37
111	A Geographic Mosaic of Climate Change Impacts on Terrestrial Vegetation: Which Areas Are Most at Risk?. <i>PLoS ONE</i> , 2015, 10, e0130629.	2.5	37
112	Global wind patterns shape genetic differentiation, asymmetric gene flow, and genetic diversity in trees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	37
113	Effects of CO2 elevation on canopy development in the stands of two co-occurring annuals. <i>Oecologia</i> , 1996, 108, 215-223.	2.0	35
114	Topographic, latitudinal and climatic distribution of <i>Pinus coulteri</i> : geographic range limits are not at the edge of the climate envelope. <i>Ecography</i> , 2015, 38, 590-601.	4.5	35
115	Reconciling seasonal hydraulic risk and plant water use through probabilistic soil-plant dynamics. <i>Global Change Biology</i> , 2017, 23, 3758-3769.	9.5	35
116	Cumulative effects of fire and drought in Mediterranean ecosystems. <i>Ecosphere</i> , 2017, 8, e01906.	2.2	35
117	Weather underground: Subsurface hydrologic processes mediate tree vulnerability to extreme climatic drought. <i>Global Change Biology</i> , 2020, 26, 3091-3107.	9.5	35
118	Analysis of Leaf and Root Transcriptomes of Soil-Grown <i>Avena barbata</i> Plants. <i>Plant and Cell Physiology</i> , 2011, 52, 317-332.	3.1	34
119	Filtering across Spatial Scales: Phylogeny, Biogeography and Community Structure in Bumble Bees. <i>PLoS ONE</i> , 2013, 8, e60446.	2.5	34
120	Tree densities and sex ratios in breeding populations of dioecious Central Amazonian Myristicaceae. <i>Journal of Tropical Ecology</i> , 1990, 6, 239-248.	1.1	33
121	Climate Change Refugia, Fire Ecology and Management. <i>Forests</i> , 2016, 7, 77.	2.1	33
122	The seasonal climate niche predicts phenology and distribution of an ephemeral annual plant, <i>Mollugo verticillata</i> . <i>Journal of Ecology</i> , 2017, 105, 1323-1334.	4.0	31
123	Plant responsiveness to variation in precipitation and nitrogen is consistent across the compositional diversity of a California annual grassland. <i>Journal of Vegetation Science</i> , 2009, 20, 860-870.	2.2	30
124	Integrating ecology and phylogenetics: the footprint of history in modern-day communities. <i>Ecology</i> , 2012, 93, S1.	3.2	29
125	Global wind patterns and the vulnerability of wind-dispersed species to climate change. <i>Nature Climate Change</i> , 2020, 10, 868-875.	18.8	28
126	Canopy gaps to climate change - extreme events, ecology and evolution. <i>New Phytologist</i> , 2003, 160, 2-4.	7.3	27

#	ARTICLE	IF	CITATIONS
127	Optimal reproductive allocation in annuals and an informational constraint on plasticity. <i>New Phytologist</i> , 2005, 166, 159-172.	7.3	27
128	Targeting climate diversity in conservation planning to build resilience to climate change. <i>Ecosphere</i> , 2015, 6, 1-20.	2.2	27
129	Evolutionary Diversification of Continuous Traits: Phylogenetic Tests and Application to Seed Size in the California Flora. <i>Evolutionary Ecology</i> , 2004, 18, 249-272.	1.2	26
130	Ecological release exposes genetically based niche variation. <i>Ecology Letters</i> , 2014, 17, 1149-1157.	6.4	26
131	Plant science decadal vision 2020â€“2030: Reimagining the potential of plants for a healthy and sustainable future. <i>Plant Direct</i> , 2020, 4, e00252.	1.9	26
132	Gap-dependence in mangrove life-history strategies: a consideration of the entire life cycle and patch dynamics. <i>Journal of Ecology</i> , 2007, 95, 1222-1233.	4.0	25
133	A minimal model of fire-vegetation feedbacks and disturbance stochasticity generates alternative stable states in grasslandâ€“shrublandâ€“woodland systems. <i>Environmental Research Letters</i> , 2015, 10, 034018.	5.2	24
134	Leaf position, light levels, and nitrogen allocation in five species of rain forest pioneer trees. <i>American Journal of Botany</i> , 1995, 82, 1137-1143.	1.7	23
135	Resilience to chronic defoliation in a dioecious understory tropical rain forest palm. <i>Journal of Ecology</i> , 2012, 100, 1245-1256.	4.0	23
136	Post-fire regeneration strategies and flammability traits of California chaparral shrubs. <i>International Journal of Wildland Fire</i> , 2010, 19, 984.	2.4	22
137	Adapting California's Ecosystems to a Changing Climate. <i>BioScience</i> , 2015, 65, 247-262.	4.9	22
138	Natural selection maintains species despite frequent hybridization in the desert shrub <i>Encelia</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33373-33383.	7.1	21
139	Response to Comment on "A Brief History of Seed Size". <i>Science</i> , 2005, 310, 783.2-783.	12.6	19
140	Mismatch managed? Phenological phase extension as a strategy to manage phenological asynchrony in plantâ€“animal mutualisms. <i>Restoration Ecology</i> , 2020, 28, 498-505.	2.9	17
141	Linking leaf transcript levels to whole plant analyses provides mechanistic insights to the impact of warming and altered water availability in an annual grass. <i>Global Change Biology</i> , 2011, 17, 1577-1594.	9.5	16
142	Global patterns in seed size. <i>Global Ecology and Biogeography</i> , 2006, .	5.8	16
143	Introduction to a <i>Virtual Special Issue</i> on plant ecological strategy axes in leaf and wood traits. <i>New Phytologist</i> , 2008, 179, 901-903.	7.3	15
144	Effects of topoclimatic complexity on the composition of woody plant communities. <i>AoB PLANTS</i> , 2016, 8, plw049.	2.3	15

#	ARTICLE	IF	CITATIONS
145	Defoliation and gender effects on fitness components in three congeneric and sympatric understory palms. <i>Journal of Ecology</i> , 2012, 100, 1544-1556.	4.0	14
146	The joint evolution of traits and habitat: ontogenetic shifts in leaf morphology and wetland specialization in <i>Lasthenia</i> . <i>New Phytologist</i> , 2015, 208, 949-959.	7.3	14
147	Small Heat Shock Protein Responses of a Closely Related Pair of Desert and Coastal <i>Encelia</i> . <i>International Journal of Plant Sciences</i> , 2003, 164, 53-60.	1.3	13
148	Leaf Position, Light Levels, and Nitrogen Allocation in Five Species of Rain Forest Pioneer Trees. <i>American Journal of Botany</i> , 1995, 82, 1137.	1.7	12
149	Plant hydraulic traits reveal islands as refugia from worsening drought. , 2020, 8, coz115.		12
150	Response to Comment on "Functional Traits and Niche-Based Tree Community Assembly in an Amazonian Forest". <i>Science</i> , 2009, 324, 1015-1015.	12.6	11
151	TAXON SAMPLING, CORRELATED EVOLUTION, AND INDEPENDENT CONTRASTS. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1480.	2.3	10
152	Best practices for reporting climate data in ecology. <i>Nature Climate Change</i> , 2018, 8, 92-94.	18.8	10
153	Topographic heterogeneity lengthens the duration of pollinator resources. <i>Ecology and Evolution</i> , 2020, 10, 9301-9312.	1.9	10
154	Phylogenetic trajectories during secondary succession in a Neotropical dry forest: Assembly processes, ENSO effects and the role of legumes. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2020, 43, 1255-13.	2.7	10
155	Species Selection Regime and Phylogenetic Tree Shape. <i>Systematic Biology</i> , 2020, 69, 774-794.	5.6	9
156	Range dynamics mediated by compensatory life stage responses to experimental climate manipulations. <i>Ecology Letters</i> , 2021, 24, 772-780.	6.4	9
157	Increases in thermophilus plants in an arid alpine community in response to experimental warming. <i>Arctic, Antarctic, and Alpine Research</i> , 2019, 51, 201-214.	1.1	8
158	PARTITIONING GENETIC AND ENVIRONMENTAL COMPONENTS OF PHENOLOGICAL VARIATION IN <i>QUERCUS DOUGLASII</i> (FAGACEAE). <i>Madroño</i> , 2021, 68, .	0.4	7
159	A TRAIT-BASED TEST FOR HABITAT FILTERING: CONVEX HULL VOLUME. , 2006, 87, 1465.		6
160	Annual grassland resource pools and fluxes: sensitivity to precipitation and dry periods on two contrasting soils. <i>Ecosphere</i> , 2012, 3, art70-art70.	2.2	5
161	The Assembly of Plant Communities. , 2013, , 1-19.		3
162	Fakhri A. Bazzaz 1933-2008. <i>Bulletin of the Ecological Society of America</i> , 2008, 89, 92-94.	0.2	2

#	ARTICLE	IF	CITATIONS
163	LATE PLANTING SHORTENS THE FLOWERING PERIOD AND REDUCES FECUNDITY IN LASTHENIA CALIFORNICA. MadroÃ±o, 2021, 68, .	0.4	2
164	The Incomplete Filling of the Nâ€dimensional Hypervolume. Bulletin of the Ecological Society of America, 2015, 96, 407-408.	0.2	1
165	Avoided land use conversions and carbon loss from conservation purchases in California. Journal of Land Use Science, 2018, 13, 391-413.	2.2	1
166	In support of observational studies. Frontiers in Ecology and the Environment, 2007, 5, 294-295.	4.0	0
167	Assembly of Plant Communities. , 2015, , 1-18.		0