

# Ian J Wright

## List of Publications by Year in descending order

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Version: 2024-02-01

160  
papers

49,251  
citations

7096

78  
h-index

5539

163  
g-index

172  
all docs

172  
docs citations

172  
times ranked

29065  
citing authors

#	ARTICLE	IF	CITATIONS
1	The worldwide leaf economics spectrum. <i>Nature</i> , 2004, 428, 821-827.	27.8	6,489
2	New handbook for standardised measurement of plant functional traits worldwide. <i>Australian Journal of Botany</i> , 2013, 61, 167.	0.6	2,818
3	Plant Ecological Strategies: Some Leading Dimensions of Variation Between Species. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2002, 33, 125-159.	6.7	2,309
4	Causes and consequences of variation in leaf mass per area (LMA): a meta-analysis. <i>New Phytologist</i> , 2009, 182, 565-588.	7.3	2,056
5	The global spectrum of plant form and function. <i>Nature</i> , 2016, 529, 167-171.	27.8	2,022
6	TRY – a global database of plant traits. <i>Global Change Biology</i> , 2011, 17, 2905-2935.	9.5	2,002
7	Global convergence in the vulnerability of forests to drought. <i>Nature</i> , 2012, 491, 752-755.	27.8	1,944
8	Plant species traits are the predominant control on litter decomposition rates within biomes worldwide. <i>Ecology Letters</i> , 2008, 11, 1065-1071.	6.4	1,913
9	Bivariate line-fitting methods for allometry. <i>Biological Reviews</i> , 2006, 81, 259-291.	10.4	1,870
10	Assessing the generality of global leaf trait relationships. <i>New Phytologist</i> , 2005, 166, 485-496.	7.3	1,704
11	Three keys to the radiation of angiosperms into freezing environments. <i>Nature</i> , 2014, 506, 89-92.	27.8	1,284
12	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
13	Land-plant ecology on the basis of functional traits. <i>Trends in Ecology and Evolution</i> , 2006, 21, 261-268.	8.7	808
14	Functional traits and the growth–mortality trade-off in tropical trees. <i>Ecology</i> , 2010, 91, 3664-3674.	3.2	788
15	A global study of relationships between leaf traits, climate and soil measures of nutrient fertility. <i>Global Ecology and Biogeography</i> , 2009, 18, 137-149.	5.8	767
16	Global patterns of foliar nitrogen isotopes and their relationships with climate, mycorrhizal fungi, foliar nutrient concentrations, and nitrogen availability. <i>New Phytologist</i> , 2009, 183, 980-992.	7.3	744
17	Modulation of leaf economic traits and trait relationships by climate. <i>Global Ecology and Biogeography</i> , 2005, 14, 411-421.	5.8	669
18	Strategy shifts in leaf physiology, structure and nutrient content between species of high- and low-rainfall and high- and low-nutrient habitats. <i>Functional Ecology</i> , 2001, 15, 423-434.	3.6	648

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19	The evolutionary ecology of seed size.. , 2000, , 31-57.		638
20	Global climatic drivers of leaf size. <i>Science</i> , 2017, 357, 917-921.	12.6	580
21	ARE FUNCTIONAL TRAITS GOOD PREDICTORS OF DEMOGRAPHIC RATES? EVIDENCE FROM FIVE NEOTROPICAL FORESTS. <i>Ecology</i> , 2008, 89, 1908-1920.	3.2	572
22	Weak tradeoff between xylem safety and xylem-specific hydraulic efficiency across the world's woody plant species. <i>New Phytologist</i> , 2016, 209, 123-136.	7.3	466
23	Sensitivity of leaf size and shape to climate: global patterns and paleoclimatic applications. <i>New Phytologist</i> , 2011, 190, 724-739.	7.3	445
24	FUNDAMENTAL TRADE-OFFS GENERATING THE WORLDWIDE LEAF ECONOMICS SPECTRUM. <i>Ecology</i> , 2006, 87, 535-541.	3.2	422
25	Global patterns of leaf mechanical properties. <i>Ecology Letters</i> , 2011, 14, 301-312.	6.4	418
26	Physiological and structural tradeoffs underlying the leaf economics spectrum. <i>New Phytologist</i> , 2017, 214, 1447-1463.	7.3	412
27	Nutrient concentration, resorption and lifespan: leaf traits of Australian sclerophyll species. <i>Functional Ecology</i> , 2003, 17, 10-19.	3.6	378
28	Specific Leaf Area and Dry Matter Content Estimate Thickness in Laminar Leaves. <i>Annals of Botany</i> , 2005, 96, 1129-1136.	2.9	374
29	Scaling of respiration to nitrogen in leaves, stems and roots of higher land plants. <i>Ecology Letters</i> , 2008, 11, 793-801.	6.4	373
30	Corrigendum to: New handbook for standardised measurement of plant functional traits worldwide. <i>Australian Journal of Botany</i> , 2016, 64, 715.	0.6	361
31	Global variability in leaf respiration in relation to climate, plant functional types and leaf traits. <i>New Phytologist</i> , 2015, 206, 614-636.	7.3	350
32	Why are non-photosynthetic tissues generally <sup>13</sup> C enriched compared with leaves in C3 plants? Review and synthesis of current hypotheses. <i>Functional Plant Biology</i> , 2009, 36, 199.	2.1	348
33	Convergence towards higher leaf mass per area in dry and nutrient-poor habitats has different consequences for leaf life span. <i>Journal of Ecology</i> , 2002, 90, 534-543.	4.0	334
34	Balancing the costs of carbon gain and water transport: testing a new theoretical framework for plant functional ecology. <i>Ecology Letters</i> , 2014, 17, 82-91.	6.4	332
35	Leaves at low versus high rainfall: coordination of structure, lifespan and physiology. <i>New Phytologist</i> , 2002, 155, 403-416.	7.3	328
36	Which is a better predictor of plant traits: temperature or precipitation?. <i>Journal of Vegetation Science</i> , 2014, 25, 1167-1180.	2.2	323

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37	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
38	Diffusional conductances to CO <sub>2</sub> as a target for increasing photosynthesis and photosynthetic water-use efficiency. <i>Photosynthesis Research</i> , 2013, 117, 45-59.	2.9	305
39	Leaf phosphorus influences the photosynthesis–nitrogen relation: a cross-biome analysis of 314 species. <i>Oecologia</i> , 2009, 160, 207-212.	2.0	274
40	Differences in seedling growth behaviour among species: trait correlations across species, and trait shifts along nutrient compared to rainfall gradients. <i>Journal of Ecology</i> , 1999, 87, 85-97.	4.0	273
41	Global effects of soil and climate on leaf photosynthetic traits and rates. <i>Global Ecology and Biogeography</i> , 2015, 24, 706-717.	5.8	254
42	Least-Cost Input Mixtures of Water and Nitrogen for Photosynthesis. <i>American Naturalist</i> , 2003, 161, 98-111.	2.1	252
43	Towards a universal model for carbon dioxide uptake by plants. <i>Nature Plants</i> , 2017, 3, 734-741.	9.3	237
44	The biogeography and filtering of woody plant functional diversity in North and South America. <i>Global Ecology and Biogeography</i> , 2012, 21, 798-808.	5.8	235
45	Relationships between leaf lifespan and structural defences in a low-nutrient, sclerophyll flora. <i>Functional Ecology</i> , 2001, 15, 351-359.	3.6	230
46	PREDICTING LEAF PHYSIOLOGY FROM SIMPLE PLANT AND CLIMATE ATTRIBUTES: A GLOBAL GLOPNET ANALYSIS. <i>Ecological Applications</i> , 2007, 17, 1982-1988.	3.8	207
47	Functional differences between native and alien species: a global-scale comparison. <i>Functional Ecology</i> , 2010, 24, 1353-1361.	3.6	203
48	"Diminishing returns" in the scaling of functional leaf traits across and within species groups. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8891-8896.	7.1	177
49	Interrelations among pressure-volume curve traits across species and water availability gradients. <i>Physiologia Plantarum</i> , 2006, 127, 423-433.	5.2	168
50	The leaf size – twig size spectrum and its relationship to other important spectra of variation among species. <i>Oecologia</i> , 2003, 135, 621-628.	2.0	166
51	Evidence of a general 2/3-power law of scaling leaf nitrogen to phosphorus among major plant groups and biomes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 877-883.	2.6	163
52	A test of the "one-point method"™ for estimating maximum carboxylation capacity from field-measured, light-saturated photosynthesis. <i>New Phytologist</i> , 2016, 210, 1130-1144.	7.3	159
53	Global photosynthetic capacity is optimized to the environment. <i>Ecology Letters</i> , 2019, 22, 506-517.	6.4	153
54	Irradiance, temperature and rainfall influence leaf dark respiration in woody plants: evidence from comparisons across 20 sites. <i>New Phytologist</i> , 2006, 169, 309-319.	7.3	150

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55	Are species shade and drought tolerance reflected in leaf-level structural and functional differentiation in Northern Hemisphere temperate woody flora?. <i>New Phytologist</i> , 2009, 184, 257-274.	7.3	146
56	Open Science principles for accelerating trait-based science across the Tree of Life. <i>Nature Ecology and Evolution</i> , 2020, 4, 294-303.	7.8	144
57	Anatomical basis of variation in mesophyll resistance in eastern Australian sclerophylls: news of a long and winding path. <i>Journal of Experimental Botany</i> , 2012, 63, 5105-5119.	4.8	143
58	Volatile isoprenoid emissions from plastid to planet. <i>New Phytologist</i> , 2013, 197, 49-57.	7.3	142
59	Global relationship of wood and leaf litter decomposability: the role of functional traits within and across plant organs. <i>Global Ecology and Biogeography</i> , 2014, 23, 1046-1057.	5.8	136
60	<sc>BHPMF</sc> – a hierarchical <sc>B</sc>ayesian approach to gap-filling and trait prediction for macroecology and functional biogeography. <i>Global Ecology and Biogeography</i> , 2015, 24, 1510-1521.	5.8	132
61	On the link between functional traits and growth rate: meta-analysis shows effects change with plant size, as predicted. <i>Journal of Ecology</i> , 2016, 104, 1488-1503.	4.0	132
62	Short Communication: Leaf trait relationships in Australian plant species. <i>Functional Plant Biology</i> , 2004, 31, 551.	2.1	123
63	Impacts of trait variation through observed trait-climate relationships on performance of an Earth system model: a conceptual analysis. <i>Biogeosciences</i> , 2013, 10, 5497-5515.	3.3	122
64	Leaf mesophyll diffusion conductance in 35 Australian sclerophylls covering a broad range of foliage structural and physiological variation. <i>Journal of Experimental Botany</i> , 2009, 60, 2433-2449.	4.8	121
65	Fibre wall and lumen fractions drive wood density variation across 24 Australian angiosperms. <i>AoB PLANTS</i> , 2013, 5, .	2.3	121
66	Global leaf nitrogen and phosphorus stoichiometry and their scaling exponent. <i>National Science Review</i> , 2018, 5, 728-739.	9.5	121
67	Mechanisms underlying global temperature-related patterns in leaf longevity. <i>Global Ecology and Biogeography</i> , 2013, 22, 982-993.	5.8	121
68	Towards a thesaurus of plant characteristics: an ecological contribution. <i>Journal of Ecology</i> , 2017, 105, 298-309.	4.0	114
69	Components of leaf-trait variation along environmental gradients. <i>New Phytologist</i> , 2020, 228, 82-94.	7.3	111
70	Functional distinctiveness of major plant lineages. <i>Journal of Ecology</i> , 2014, 102, 345-356.	4.0	108
71	Cross-species patterns in the coordination between leaf and stem traits, and their implications for plant hydraulics. <i>Physiologia Plantarum</i> , 2006, 127, 445-456.	5.2	107
72	Fossil leaf economics quantified: calibration, Eocene case study, and implications. <i>Paleobiology</i> , 2007, 33, 574-589.	2.0	107

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73	Cross-species relationships between seedling relative growth rate, nitrogen productivity and root vs leaf function in 28 Australian woody species. <i>Functional Ecology</i> , 2000, 14, 97-107.	3.6	105
74	Photosynthetic differences contribute to competitive advantage of evergreen angiosperm trees over evergreen conifers in productive habitats. <i>New Phytologist</i> , 2003, 160, 329-336.	7.3	101
75	The three major axes of terrestrial ecosystem function. <i>Nature</i> , 2021, 598, 468-472.	27.8	99
76	Functional linkages between leaf traits and net photosynthetic rate: reconciling empirical and mechanistic models. <i>Functional Ecology</i> , 2005, 19, 602-615.	3.6	95
77	Organizing principles for vegetation dynamics. <i>Nature Plants</i> , 2020, 6, 444-453.	9.3	95
78	Burn or rot: leaf traits explain why flammability and decomposability are decoupled across species. <i>Functional Ecology</i> , 2015, 29, 1486-1497.	3.6	91
79	Understanding seedling growth relationships through specific leaf area and leaf nitrogen concentration: generalisations across growth forms and growth irradiance. <i>Oecologia</i> , 2001, 127, 21-29.	2.0	89
80	Climatic and soil factors explain the two-dimensional spectrum of global plant trait variation. <i>Nature Ecology and Evolution</i> , 2022, 6, 36-50.	7.8	89
81	Climate and soils together regulate photosynthetic carbon isotope discrimination within $C_3$ plants worldwide. <i>Global Ecology and Biogeography</i> , 2018, 27, 1056-1067.	5.8	85
82	Connecting the Green and Brown Worlds. <i>Advances in Ecological Research</i> , 2013, 49, 69-175.	2.7	84
83	Controls on declining carbon balance with leaf age among 10 woody species in Australian woodland: do leaves have zero daily net carbon balances when they die?. <i>New Phytologist</i> , 2009, 183, 153-166.	7.3	82
84	Understanding ecological variation across species: area-based vs mass-based expression of leaf traits. <i>New Phytologist</i> , 2013, 199, 322-323.	7.3	77
85	Leaf economics and plant hydraulics drive leaf : wood area ratios. <i>New Phytologist</i> , 2019, 224, 1544-1556.	7.3	77
86	Leaf nitrogen from first principles: field evidence for adaptive variation with climate. <i>Biogeosciences</i> , 2017, 14, 481-495.	3.3	75
87	Gradients of light availability and leaf traits with leaf age and canopy position in 28 Australian shrubs and trees. <i>Functional Plant Biology</i> , 2006, 33, 407.	2.1	74
88	AusTraits, a curated plant trait database for the Australian flora. <i>Scientific Data</i> , 2021, 8, 254.	5.3	73
89	Photosynthetic responses to altitude: an explanation based on optimality principles. <i>New Phytologist</i> , 2017, 213, 976-982.	7.3	71
90	Eco-evolutionary optimality as a means to improve vegetation and land-surface models. <i>New Phytologist</i> , 2021, 231, 2125-2141.	7.3	71

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91	Hydraulic failure and tree size linked with canopy dieback in eucalypt forest during extreme drought. <i>New Phytologist</i> , 2021, 230, 1354-1365.	7.3	70
92	Acclimation of leaf respiration consistent with optimal photosynthetic capacity. <i>Global Change Biology</i> , 2020, 26, 2573-2583.	9.5	64
93	A global analysis of water and nitrogen relationships between mistletoes and their hosts: broad-scale tests of old and enduring hypotheses. <i>Functional Ecology</i> , 2015, 29, 1114-1124.	3.6	62
94	Functional biogeography of angiosperms: life at the extremes. <i>New Phytologist</i> , 2018, 218, 1697-1709.	7.3	61
95	Quantifying leaf-trait covariation and its controls across climates and biomes. <i>New Phytologist</i> , 2019, 221, 155-168.	7.3	60
96	A global trait-based approach to estimate leaf nitrogen functional allocation from observations. <i>Ecological Applications</i> , 2017, 27, 1421-1434.	3.8	59
97	Towards a New Generation of Trait-Flexible Vegetation Models. <i>Trends in Ecology and Evolution</i> , 2020, 35, 191-205.	8.7	59
98	Nutrient-rich plants emit a less intense blend of volatile isoprenoids. <i>New Phytologist</i> , 2018, 220, 773-784.	7.3	56
99	Rising CO <sub>2</sub> drives divergence in water use efficiency of evergreen and deciduous plants. <i>Science Advances</i> , 2019, 5, eaax7906.	10.3	56
100	Broad Anatomical Variation within a Narrow Wood Density Range—A Study of Twig Wood across 69 Australian Angiosperms. <i>PLoS ONE</i> , 2015, 10, e0124892.	2.5	56
101	A meta-analysis of responses of C <sub>3</sub> plants to atmospheric CO <sub>2</sub> : dose-response curves for 85 traits ranging from the molecular to the whole-plant level. <i>New Phytologist</i> , 2022, 233, 1560-1596.	7.3	55
102	Correlations among leaf traits provide a significant constraint on the estimate of global gross primary production. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	54
103	Relationships between soil nutrient status and nutrient-related leaf traits in Brazilian cerrado and seasonal forest communities. <i>Plant and Soil</i> , 2016, 404, 13-33.	3.7	54
104	An evolutionary perspective on leaf economics: phylogenetics of leaf mass per area in vascular plants. <i>Ecology and Evolution</i> , 2014, 4, 2799-2811.	1.9	53
105	Disentangling Coordination among Functional Traits Using an Individual-Centred Model: Impact on Plant Performance at Intra- and Inter-Specific Levels. <i>PLoS ONE</i> , 2013, 8, e77372.	2.5	53
106	Leaf manganese concentrations as a tool to assess belowground plant functioning in phosphorus-impooverished environments. <i>Plant and Soil</i> , 2021, 461, 43-61.	3.7	52
107	A continental-scale assessment of variability in leaf traits: Within species, across sites and between seasons. <i>Functional Ecology</i> , 2018, 32, 1492-1506.	3.6	48
108	Are leaf functional traits “invariant” with plant size and what is “invariance” anyway?. <i>Functional Ecology</i> , 2014, 28, 1330-1343.	3.6	46

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109	Scaling up flammability from individual leaves to fuel beds. <i>Oikos</i> , 2017, 126, 1428-1438.	2.7	45
110	Leaf size estimation based on leaf length, width and shape. <i>Annals of Botany</i> , 2021, 128, 395-406.	2.9	42
111	Lifetime return on investment increases with leaf lifespan among 10 Australian woodland species. <i>New Phytologist</i> , 2012, 193, 409-419.	7.3	41
112	A survey of seed and seedling characters in 1744 Australian dicotyledon species: cross-species trait correlations and correlated trait-shifts within evolutionary lineages. <i>Biological Journal of the Linnean Society</i> , 2000, 69, 521-547.	1.6	39
113	The validity of optimal leaf traits modelled on environmental conditions. <i>New Phytologist</i> , 2019, 221, 1409-1423.	7.3	38
114	Leaf mechanical strength and photosynthetic capacity vary independently across 57 subtropical forest species with contrasting light requirements. <i>New Phytologist</i> , 2019, 223, 607-618.	7.3	37
115	A roadmap to plant functional island biogeography. <i>Biological Reviews</i> , 2021, 96, 2851-2870.	10.4	37
116	Fame, glory and neglect in meta-analyses. <i>Trends in Ecology and Evolution</i> , 2011, 26, 493-494.	8.7	36
117	Detecting myrtle rust ( <i>Austropuccinia psidii</i> ) on lemon myrtle trees using spectral signatures and machine learning. <i>Plant Pathology</i> , 2018, 67, 1114-1121.	2.4	36
118	Intraspecific variation in soy across the leaf economics spectrum. <i>Annals of Botany</i> , 2019, 123, 107-120.	2.9	36
119	Growing season temperature and precipitation are independent drivers of global variation in xylem hydraulic conductivity. <i>Global Change Biology</i> , 2020, 26, 1833-1841.	9.5	36
120	Sapwood capacitance is greater in evergreen sclerophyll species growing in high compared to low rainfall environments. <i>Functional Ecology</i> , 2014, 28, 734-744.	3.6	34
121	Is there a latitudinal gradient in seed production?. <i>Ecography</i> , 2009, 32, 78-82.	4.5	31
122	Palaeo leaf economics reveal a shift in ecosystem function associated with the end-Triassic mass extinction event. <i>Nature Plants</i> , 2017, 3, 17104.	9.3	31
123	Safety margins and adaptive capacity of vegetation to climate change. <i>Scientific Reports</i> , 2019, 9, 8241.	3.3	31
124	Functional diversity of the Australian flora: Strong links to species richness and climate. <i>Journal of Vegetation Science</i> , 2021, 32, e13018.	2.2	28
125	Bark traits, decomposition and flammability of Australian forest trees. <i>Australian Journal of Botany</i> , 2017, 65, 327.	0.6	27
126	Coordination of plant hydraulic and photosynthetic traits: confronting optimality theory with field measurements. <i>New Phytologist</i> , 2021, 232, 1286-1296.	7.3	26



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127	Incorporation of plant traits in a land surface model helps explain the global biogeographical distribution of major forest functional types. <i>Global Ecology and Biogeography</i> , 2017, 26, 304-317.	5.8	25
128	Geographic Variation in <i>Eucalyptus diversifolia</i> (Myrtaceae) and the Recognition of New Subspecies <i>E. diversifolia</i> subsp. <i>hesperia</i> and <i>E. diversifolia</i> subsp. <i>megacarpa</i> . <i>Australian Systematic Botany</i> , 1997, 10, 651.	0.9	24
129	When and where soil is important to modify the carbon and water economy of leaves. <i>New Phytologist</i> , 2020, 228, 121-135.	7.3	24
130	Rising CO <sub>2</sub> and warming reduce global canopy demand for nitrogen. <i>New Phytologist</i> , 2022, 235, 1692-1700.	7.3	23
131	Convergence in Maximum Stomatal Conductance of C3 Woody Angiosperms in Natural Ecosystems Across Bioclimatic Zones. <i>Frontiers in Plant Science</i> , 2019, 10, 558.	3.6	22
132	Multispectral, Aerial Disease Detection for Myrtle Rust ( <i>Austropuccinia psidii</i> ) on a Lemon Myrtle Plantation. <i>Drones</i> , 2019, 3, 25.	4.9	22
133	Leaf:wood allometry and functional traits together explain substantial growth rate variation in rainforest trees. <i>AoB PLANTS</i> , 2019, 11, plz024.	2.3	21
134	Summer solstice marks a seasonal shift in temperature sensitivity of stem growth and nitrogen-use efficiency in cold-limited forests. <i>Agricultural and Forest Meteorology</i> , 2018, 248, 469-478.	4.8	20
135	Climate warming and plant biomechanical defences: Silicon addition contributes to herbivore suppression in a pasture grass. <i>Functional Ecology</i> , 2019, 33, 587-596.	3.6	20
136	Developing a spectral disease index for myrtle rust ( <i>Austropuccinia psidii</i> ). <i>Plant Pathology</i> , 2019, 68, 738-745.	2.4	19
137	Leaf trait variation is similar among genotypes of <i>Eucalyptus camaldulensis</i> from differing climates and arises in plastic responses to the seasons rather than water availability. <i>New Phytologist</i> , 2020, 227, 780-793.	7.3	19
138	Enhanced photosynthetic nitrogen use efficiency and increased nitrogen allocation to photosynthetic machinery under cotton domestication. <i>Photosynthesis Research</i> , 2021, 150, 239-250.	2.9	19
139	Functional biogeography of Neotropical moist forests: Trait-climate relationships and assembly patterns of tree communities. <i>Global Ecology and Biogeography</i> , 2021, 30, 1430-1446.	5.8	18
140	High exposure of global tree diversity to human pressure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	18
141	Biomechanical and leaf-climate relationships: A comparison of ferns and seed plants. <i>American Journal of Botany</i> , 2014, 101, 338-347.	1.7	17
142	Stem diameter growth rates in a fire-prone savanna correlate with photosynthetic rate and branch-scale biomass allocation, but not specific leaf area. <i>Austral Ecology</i> , 2019, 44, 339-350.	1.5	17
143	Parenchyma Abundance in Wood of Evergreen Trees Varies Independently of Nutrients. <i>Frontiers in Plant Science</i> , 2020, 11, 86.	3.6	15
144	Comparisons of photosynthetic and anatomical traits between wild and domesticated cotton. <i>Journal of Experimental Botany</i> , 2022, 73, 873-885.	4.8	15

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145	AnimalTraits - a curated animal trait database for body mass, metabolic rate and brain size. Scientific Data, 2022, 9, .	5.3	15
146	To recycle or steal? Nutrient resorption in Australian and Brazilian mistletoes from three low-phosphorus sites. Oikos, 2017, 126, 32-39.	2.7	12
147	Effects of plant hydraulic traits on the flammability of live fine canopy fuels. Functional Ecology, 2021, 35, 835-846.	3.6	12
148	Scaling-up from leaf to canopy-aggregate properties in sclerophyll shrub species. Austral Ecology, 2006, 31, 310-316.	1.5	11
149	Environmental associations of abundance-weighted functional traits in Australian plant communities. Basic and Applied Ecology, 2022, 58, 98-109.	2.7	11
150	Leaf trait adaptations of xylem-tapping mistletoes and their hosts in sites of contrasting aridity. Plant and Soil, 2017, 415, 117-130.	3.7	10
151	Disentangling direct and indirect effects of island area on plant functional trait distributions. Journal of Biogeography, 2021, 48, 2098-2110.	3.0	10
152	Evidence from the proteome for local adaptation to extreme heat in a widespread tree species. Functional Ecology, 2019, 33, 436-446.	3.6	9
153	Assessing the vulnerability of plant functional trait strategies to climate change. Global Ecology and Biogeography, 2022, 31, 1194-1206.	5.8	9
154	Ecological strategies of (pl)ants: Towards a worldwide worker economic spectrum for ants. Functional Ecology, 2023, 37, 13-25.	3.6	9
155	Enhanced leaf turnover and nitrogen recycling sustain CO2 fertilization effect on tree-ring growth. Nature Ecology and Evolution, 2022, 6, 1271-1278.	7.8	9
156	The Leaf Economics Spectrum and its Underlying Physiological and Anatomical Principles. Advances in Photosynthesis and Respiration, 2018, , 451-471.	1.0	8
157	Applying the economic concept of profitability to leaves. Scientific Reports, 2021, 11, 49.	3.3	7
158	Nitrogen concentration and physical properties are key drivers of woody tissue respiration. Annals of Botany, 2022, 129, 633-646.	2.9	4
159	Zanne et al. reply. Nature, 2015, 521, E6-E7.	27.8	3
160	A survey of seed and seedling characters in 1744 Australian dicotyledon species: cross-species trait correlations and correlated trait-shifts within evolutionary lineages. Biological Journal of the Linnean Society, 2000, 69, 521-547.	1.6	3