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List of Publications by Year in Descending Order

183 papers	21,357 citations	76 h-index	145 g-index
194 ext. papers	25,478 ext. citations	6.8 avg, IF	6.69 L-index

#	Paper	IF	Citations
183	The number of tree species on Earth.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119,	11.5	6
182	Aboveground forest biomass varies across continents, ecological zones and successional stages: refined IPCC default values for tropical and subtropical forests. *Environmental Research Letters*, **2022**, 17, 014047	6.2	5
181	Small and slow is safe: On the drought tolerance of tropical tree species.. *Global Change Biology*, **2022**,	11.4	3
180	Stem Trait Spectra Underpin Multiple Functions of Temperate Tree Species.. *Frontiers in Plant Science*, **2022**, 13, 769551	6.2	0
179	Temperature and soils predict the distribution of plant species along the Himalayan elevational gradient. *Journal of Tropical Ecology*, **2022**, 38, 58-70	1.3	0
178	Multidimensional tropical forest recovery. *Science*, **2021**, 374, 1370-1376	33.3	23
177	Functional recovery of secondary tropical forests. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	4
176	Dead wood diversity promotes fungal diversity. *Oikos*, **2021**, 130, 2202	4	4
175	Pit and tracheid anatomy explain the hydraulic safety- but not the hydraulic efficiency of 28 conifer species. *Journal of Experimental Botany*, **2021**,	7	1
174	Lianas have more acquisitive traits than trees in a dry but not in a wet forest. *Journal of Ecology*, **2021**, 109, 2367-2384	6	4
173	Traits, strategies, and niches of liana species in a tropical seasonal rainforest. *Oecologia*, **2021**, 196, 499-514	2.9	1
172	Forest structure drives changes in light heterogeneity during tropical secondary forest succession. *Journal of Ecology*, **2021**, 109, 2871-2884	6	9
171	Growth of 19 conifer species is highly sensitive to winter warming, spring frost and summer drought. *Annals of Botany*, **2021**, 128, 545-557	4.1	0
170	Above- and Below-ground Cascading Effects of Wild Ungulates in Temperate Forests. *Ecosystems*, **2021**, 24, 153-167	3.9	7
169	Pantropical variability in tree crown allometry. *Global Ecology and Biogeography*, **2021**, 30, 459-475	6.1	6
168	Edaphic characteristics drive functional traits distribution in Amazonian floodplain forests. *Plant Ecology*, **2021**, 222, 349-360	1.7	3
167	Temperate forests respond in a non-linear way to a population gradient of wild deer. *Forestry*, **2021**, 94, 502-511	2.2	3

166	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. *Biological Conservation*, **2021**, 260, 108849	6.2	15
165	Long-term thermal sensitivity of Earth's tropical forests. *Science*, **2020**, 368, 869-874	33.3	92
164	Methodology matters for comparing coarse wood and bark decay rates across tree species. *Methods in Ecology and Evolution*, **2020**, 11, 828-838	7.7	4
163	Assessing the reliability of predicted plant trait distributions at the global scale. *Global Ecology and Biogeography*, **2020**, 29, 1034-1051	6.1	11
162	Competition influences tree growth, but not mortality, across environmental gradients in Amazonia and tropical Africa. *Ecology*, **2020**, 101, e03052	4.6	24
161	The global abundance of tree palms. *Global Ecology and Biogeography*, **2020**, 29, 1495-1514	6.1	21
160	Liana species decline in Congo basin contrasts with global patterns. *Ecology*, **2020**, 101, e03004	4.6	11
159	Fauna Community Convergence During Decomposition of Deadwood Across Tree Species and Forests. *Ecosystems*, **2020**, 24, 926	3.9	4
158	Tree mode of death and mortality risk factors across Amazon forests. *Nature Communications*, **2020**, 11, 5515	17.4	24
157	Scaling relationships among functional traits are similar across individuals, species, and communities. *Journal of Vegetation Science*, **2020**, 31, 571-580	3.1	3
156	Amazonian rainforest tree mortality driven by climate and functional traits. *Nature Climate Change*, **2019**, 9, 384-388	21.4	84
155	Wet and dry tropical forests show opposite successional pathways in wood density but converge over time. *Nature Ecology and Evolution*, **2019**, 3, 928-934	12.3	70
154	A 7000-year history of changing plant trait composition in an Amazonian landscape; the role of humans and climate. *Ecology Letters*, **2019**, 22, 925-935	10	17
153	Biodiversity recovery of Neotropical secondary forests. *Science Advances*, **2019**, 5, eaau3114	14.3	161
152	Cattle affect regeneration of the palm species Attalea princeps in a Bolivian forest–savanna mosaic. *Biotropica*, **2019**, 51, 28-38	2.3	11
151	The hydraulic efficiency-safety trade-off differs between lianas and trees. *Ecology*, **2019**, 100, e02666	4.6	23
150	Trait divergence and habitat specialization in tropical floodplain forests trees. *PLoS ONE*, **2019**, 14, e0213232	3.7	14
149	Estimating aboveground net biomass change for tropical and subtropical forests: Refinement of IPCC default rates using forest plot data. *Global Change Biology*, **2019**, 25, 3609-3624	11.4	44

148	Evolutionary diversity is associated with wood productivity in Amazonian forests. *Nature Ecology and Evolution*, **2019**, 3, 1754-1761	12.3	17
147	Compositional response of Amazon forests to climate change. *Global Change Biology*, **2019**, 25, 39-56	11.4	158
146	Embolism resistance drives the distribution of Amazonian rainforest tree species along hydro-topographic gradients. *New Phytologist*, **2019**, 221, 1457-1465	9.8	62
145	Long-term effects of wild ungulates on the structure, composition and succession of temperate forests. *Forest Ecology and Management*, **2019**, 432, 478-488	3.9	25
144	Is there a tree economics spectrum of decomposability?. *Soil Biology and Biochemistry*, **2018**, 119, 135-142	7.5	14
143	Disturbance intensity is a stronger driver of biomass recovery than remaining tree-community attributes in a managed Amazonian forest. *Journal of Applied Ecology*, **2018**, 55, 1647-1657	5.8	23
142	Phylogenetic classification of the world's tropical forests. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 1837-1842	11.5	107
141	Relationships between leaf mass per area and nutrient concentrations in 98 Mediterranean woody species are determined by phylogeny, habitat and leaf habit. *Trees - Structure and Function*, **2018**, 32, 497-510	2.6	21
140	Soil fertility and species traits, but not diversity, drive productivity and biomass stocks in a Guyanese tropical rainforest. *Functional Ecology*, **2018**, 32, 461-474	5.6	57
139	Rainfall seasonality and drought performance shape the distribution of tropical tree species in Ghana. *Ecology and Evolution*, **2018**, 8, 8582-8597	2.8	11
138	Legume abundance along successional and rainfall gradients in Neotropical forests. *Nature Ecology and Evolution*, **2018**, 2, 1104-1111	12.3	71
137	Near-infrared spectrometry allows fast and extensive predictions of functional traits from dry leaves and branches **2018**, 28, 1157-1167		8
136	Effects of wild ungulates on the regeneration, structure and functioning of temperate forests: A semi-quantitative review. *Forest Ecology and Management*, **2018**, 424, 406-419	3.9	64
135	Can traits predict individual growth performance? A test in a hyperdiverse tropical forest. *New Phytologist*, **2018**, 219, 109-121	9.8	57
134	Carbon uptake by mature Amazon forests has mitigated Amazon nationsScarbon emissions. *Carbon Balance and Management*, **2017**, 12, 1	3.6	56
133	Abiotic and biotic drivers of biomass change in a Neotropical forest. *Journal of Ecology*, **2017**, 105, 1223-1234	6	80
132	Biodiversity in species, traits, and structure determines carbon stocks and uptake in tropical forests. *Biotropica*, **2017**, 49, 593-603	2.3	32
131	The integration of empirical, remote sensing and modelling approaches enhances insight in the role of biodiversity in climate change mitigation by tropical forests. *Current Opinion in Environmental Sustainability*, **2017**, 26-27, 69-76	7.2	9

130	Unleached Prosopis litter inhibits germination but leached stimulates seedling growth of dry woodland species. *Journal of Arid Environments*, **2017**, 138, 44-50	2.5	8
129	Demographic drivers of functional composition dynamics. *Ecology*, **2017**, 98, 2743-2750	4.6	18
128	Biodiversity and climate determine the functioning of Neotropical forests. *Global Ecology and Biogeography*, **2017**, 26, 1423-1434	6.1	110
127	Allometric equations for integrating remote sensing imagery into forest monitoring programmes. *Global Change Biology*, **2017**, 23, 177-190	11.4	160
126	Resilience of Amazon forests emerges from plant trait diversity. *Nature Climate Change*, **2016**, 6, 1032-1036	14	142
125	The importance of biodiversity and dominance for multiple ecosystem functions in a human-modified tropical landscape. *Ecology*, **2016**, 97, 2772-2779	4.6	93
124	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. *Science Advances*, **2016**, 2, e1501639	14.3	289
123	Land-use intensification effects on functional properties in tropical plant communities. *Ecological Applications*, **2016**, 26, 174-89	4.9	28
122	Variation in stem mortality rates determines patterns of above-ground biomass in Amazonian forests: implications for dynamic global vegetation models. *Global Change Biology*, **2016**, 22, 3996-4013	11.4	99
121	Testing for functional convergence of temperate rainforest tree assemblages in Chile and New Zealand. *New Zealand Journal of Botany*, **2016**, 54, 175-203	1	8
120	Old-growth Neotropical forests are shifting in species and trait composition. *Ecological Monographs* , **2016**, 86, 228-243	9	49
119	Biomass resilience of Neotropical secondary forests. *Nature*, **2016**, 530, 211-4	50.4	557
118	Plant functional traits have globally consistent effects on competition. *Nature*, **2016**, 529, 204-7	50.4	453
117	Improved representation of plant functional types and physiology in the Joint UK Land Environment Simulator (JULES v4.2) using plant trait information **2016**,		2
116	Improved representation of plant functional types and physiology in the Joint UK Land Environment Simulator (JULES v4.2) using plant trait information. *Geoscientific Model Development*, **2016**, 9, 2415-2440	6.3	79
115	Conservative species drive biomass productivity in tropical dry forests. *Journal of Ecology*, **2016**, 104, 817-827	6	123
114	Faunal community consequence of interspecific bark trait dissimilarity in early-stage decomposing logs. *Functional Ecology*, **2016**, 30, 1957-1966	5.6	18
113	Evolutionary heritage influences Amazon tree ecology. *Proceedings of the Royal Society B: Biological Sciences*, **2016**, 283,	4.4	29

112	Functional traits shape size-dependent growth and mortality rates of dry forest tree species. *Journal of Plant Ecology*, **2016**, rtw103	1.7	4
111	Nutrient resorption is associated with leaf vein density and growth performance of dipterocarp tree species. *Journal of Ecology*, **2015**, 103, 541-549	6	28
110	Effects of Amazonian Dark Earths on growth and leaf nutrient balance of tropical tree seedlings. *Plant and Soil*, **2015**, 396, 241-255	4.2	6
109	Hyperdominance in Amazonian forest carbon cycling. *Nature Communications*, **2015**, 6, 6857	17.4	157
108	Long-term decline of the Amazon carbon sink. *Nature*, **2015**, 519, 344-8	50.4	583
107	BAAD: a Biomass And Allometry Database for woody plants. *Ecology*, **2015**, 96, 1445-1445	4.6	89
106	The potential of secondary forests. *Science*, **2015**, 348, 642-3	33.3	31
105	Globally, functional traits are weak predictors of juvenile tree growth, and we do not know why. *Journal of Ecology*, **2015**, 103, 978-989	6	99
104	Does functional trait diversity predict above-ground biomass and productivity of tropical forests? Testing three alternative hypotheses. *Journal of Ecology*, **2015**, 103, 191-201	6	194
103	Biomass is the main driver of changes in ecosystem process rates during tropical forest succession. *Ecology*, **2015**, 96, 1242-52	4.6	139
102	Structure and composition of the liana assemblage of a mixed rain forest in the Congo Basin. *Plant Ecology and Evolution*, **2015**, 148, 29-42	1.6	7
101	Diversity enhances carbon storage in tropical forests. *Global Ecology and Biogeography*, **2015**, 24, 1314-1328		245
100	The effects of drought and shade on the performance, morphology and physiology of Ghanaian tree species. *PLoS ONE*, **2015**, 10, e0121004	3.7	19
99	Land-use intensification effects on functional properties in tropical plant communities **2015**, 150521083605001		
98	An estimate of the number of tropical tree species. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 7472-7	11.5	258
97	Amazonian Dark Earth Shapes the Understory Plant Community in a Bolivian Forest. *Biotropica*, **2015**, 47, 152-161	2.3	14
96	Leaf and stem economics spectra drive diversity of functional plant traits in a dynamic global vegetation model. *Global Change Biology*, **2015**, 21, 2711-2725	11.4	111
95	Global variability in leaf respiration in relation to climate, plant functional types and leaf traits. *New Phytologist*, **2015**, 206, 614-36	9.8	244

94	Changing drivers of species dominance during tropical forest succession. *Functional Ecology*, **2014**, 28, 1052-1058	5.6	84
93	Relative growth rate variation of evergreen and deciduous savanna tree species is driven by different traits. *Annals of Botany*, **2014**, 114, 315-24	4.1	30
92	Sapling performance along resource gradients drives tree species distributions within and across tropical forests. *Ecology*, **2014**, 95, 2514-2525	4.6	46
91	Linking size-dependent growth and mortality with architectural traits across 145 co-occurring tropical tree species. *Ecology*, **2014**, 95, 353-63	4.6	68
90	Monodominance of Parashorea chinensis on fertile soils in a Chinese tropical rain forest. *Journal of Tropical Ecology*, **2014**, 30, 311-322	1.3	10
89	Functional trait strategies of trees in dry and wet tropical forests are similar but differ in their consequences for succession. *PLoS ONE*, **2014**, 10, e0123741	3.7	69
88	Rainfall and temperature affect tree species distribution in Ghana. *Journal of Tropical Ecology*, **2014** , 30, 435-446	1.3	27
87	Leaf vein length per unit area is not intrinsically dependent on image magnification: avoiding measurement artifacts for accuracy and precision. *Plant Physiology*, **2014**, 166, 829-38	6.6	35
86	Markedly divergent estimates of Amazon forest carbon density from ground plots and satellites. *Global Ecology and Biogeography*, **2014**, 23, 935-946	6.1	205
85	Bark traits and life-history strategies of tropical dry- and moist forest trees. *Functional Ecology*, **2014**, 28, 232-242	5.6	46
84	Functional traits predict drought performance and distribution of Mediterranean woody species. *Acta Oecologica*, **2014**, 56, 10-18	1.7	60
83	Large trees drive forest aboveground biomass variation in moist lowland forests across the tropics. *Global Ecology and Biogeography*, **2013**, 22, 1261-1271	6.1	280
82	Are functional traits good predictors of species performance in restoration plantings in tropical abandoned pastures?. *Forest Ecology and Management*, **2013**, 303, 35-45	3.9	91
81	Successional changes in functional composition contrast for dry and wet tropical forest. *Ecology*, **2013**, 94, 1211-6	4.6	180
80	Ecological impact of Prosopis species invasion in Turkwel riverine forest, Kenya. *Journal of Arid Environments*, **2013**, 92, 89-97	2.5	27
79	Are lianas more drought-tolerant than trees? A test for the role of hydraulic architecture and other stem and leaf traits. *Oecologia*, **2013**, 172, 961-72	2.9	41
78	New handbook for standardised measurement of plant functional traits worldwide. *Australian Journal of Botany*, **2013**, 61, 167	1.2	1983
77	Leaf adaptations of evergreen and deciduous trees of semi-arid and humid savannas on three continents. *Journal of Ecology*, **2013**, 101, 430-440	6	80

76	Effects of ENSO and temporal rainfall variation on the dynamics of successional communities in old-field succession of a tropical dry forest. *PLoS ONE*, **2013**, 8, e82040	3.7	50
75	Driving factors of forest growth: a reply to Ferry et al. (2012). *Journal of Ecology*, **2012**, 100, 1069-1073	6	2
74	Soil Effects on Forest Structure and Diversity in a Moist and a Dry Tropical Forest. *Biotropica*, **2012**, 44, 276-283	2.3	65
73	Effects of disturbance intensity on species and functional diversity in a tropical forest. *Journal of Ecology*, **2012**, 100, 1453-1463	6	105
72	Productive leaf functional traits of Chinese savanna species. *Plant Ecology*, **2012**, 213, 1449-1460	1.7	14
71	Functional diversity changes during tropical forest succession. *Perspectives in Plant Ecology, Evolution and Systematics*, **2012**, 14, 89-96	3	80
70	Ecosystem services research in Latin America: The state of the art. *Ecosystem Services*, **2012**, 2, 56-70	6.1	139
69	Controls on coarse wood decay in temperate tree species: birth of the LOGLIFE experiment. *Ambio*, **2012**, 41 Suppl 3, 231-45	6.5	76
68	Architecture of Iberian canopy tree species in relation to wood density, shade tolerance and climate. *Plant Ecology*, **2012**, 213, 707-722	1.7	52
67	Distribution patterns of tropical woody species in response to climatic and edaphic gradients. *Journal of Ecology*, **2012**, 100, 253-263	6	98
66	Wood density explains architectural differentiation across 145 co-occurring tropical tree species. *Functional Ecology*, **2012**, 26, 274-282	5.6	75
65	Photosynthetic thermotolerance of woody savanna species in China is correlated with leaf life span. *Annals of Botany*, **2012**, 110, 1027-33	4.1	19
64	Climate and soil drive forest structure in Bolivian lowland forests. *Journal of Tropical Ecology*, **2011**, 27, 333-345	1.3	23
63	Global patterns of leaf mechanical properties. *Ecology Letters*, **2011**, 14, 301-12	10	314
62	Ecological differentiation in xylem cavitation resistance is associated with stem and leaf structural traits. *Plant, Cell and Environment*, **2011**, 34, 137-48	8.4	231
61	Leaf economics traits predict litter decomposition of tropical plants and differ among land use types. *Functional Ecology*, **2011**, 25, 473-483	5.6	99
60	Tree architecture and life-history strategies across 200 co-occurring tropical tree species. *Functional Ecology*, **2011**, 25, 1260-1268	5.6	69
59	TRY a global database of plant traits. *Global Change Biology*, **2011**, 17, 2905-2935	11.4	1623

58	Climate is a stronger driver of tree and forest growth rates than soil and disturbance. *Journal of Ecology*, **2011**, 99, 254-264	6	151
57	Functional traits shape ontogenetic growth trajectories of rain forest tree species. *Journal of Ecology*, **2011**, 99, 1431-1440	6	134
56	Hydraulics and life history of tropical dry forest tree species: coordination of speciesSdrought and shade tolerance. *New Phytologist*, **2011**, 191, 480-495	9.8	201
55	Patterns and Determinants of Floristic Variation across Lowland Forests of Bolivia. *Biotropica*, **2011**, 43, 405-413	2.3	37
54	Plant Functional Traits and the Distribution of West African Rain Forest Trees along the Rainfall Gradient. *Biotropica*, **2011**, 43, 552-561	2.3	38
53	Is spatial structure the key to promote plant diversity in Mediterranean forest plantations?. *Basic and Applied Ecology*, **2011**, 12, 251-259	3.2	27
52	Predicting Acacia invasive success in South Africa on the basis of functional traits, native climatic niche and human use. *Biodiversity and Conservation*, **2011**, 20, 2729-2743	3.4	10
51	Functional traits determine trade-offs and niches in a tropical forest community. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 20627-32	11.5	158
50	Linking functional diversity and social actor strategies in a framework for interdisciplinary analysis of natureS benefits to society. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 895-902	11.5	172
49	Environmental changes during secondary succession in a tropical dry forest in Mexico. *Journal of Tropical Ecology*, **2011**, 27, 477-489	1.3	135
48	The importance of wood traits and hydraulic conductance for the performance and life history strategies of 42 rainforest tree species. *New Phytologist*, **2010**, 185, 481-92	9.8	359
47	Tissue-level leaf toughness, but not lamina thickness, predicts sapling leaf lifespan and shade tolerance of tropical tree species. *New Phytologist*, **2010**, 186, 708-21	9.8	188
46	Decoupled leaf and stem economics in rain forest trees. *Ecology Letters*, **2010**, 13, 1338-47	10	248
45	Seasonal variation in soil and plant water potentials in a Bolivian tropical moist and dry forest. *Journal of Tropical Ecology*, **2010**, 26, 497-508	1.3	47
44	Resprouting as a persistence strategy of tropical forest trees: relations with carbohydrate storage and shade tolerance. *Ecology*, **2010**, 91, 2613-27	4.6	77
43	Pathways, mechanisms and predictability of vegetation change during tropical dry forest succession. *Perspectives in Plant Ecology, Evolution and Systematics*, **2010**, 12, 267-275	3	91
42	Functional traits and environmental filtering drive community assembly in a species-rich tropical system. *Ecology*, **2010**, 91, 386-98	4.6	349
41	The trait contribution to wood decomposition rates of 15 Neotropical tree species. *Ecology*, **2010**, 91, 3686-97	4.6	60

40	Seedling root morphology and biomass allocation of 62 tropical tree species in relation to drought- and shade-tolerance. *Journal of Ecology*, **2009**, 97, 311-325	6	281
39	Decomposition in tropical forests: a pan-tropical study of the effects of litter type, litter placement and mesofaunal exclusion across a precipitation gradient. *Journal of Ecology*, **2009**, 97, 801-811	6	204
38	The intermediate disturbance hypothesis applies to tropical forests, but disturbance contributes little to tree diversity. *Ecology Letters*, **2009**, 12, 798-805	10	152
37	Leaf traits show different relationships with shade tolerance in moist versus dry tropical forests. *New Phytologist*, **2009**, 181, 890-900	9.8	124
36	Causes and consequences of variation in leaf mass per area (LMA): a meta-analysis. *New Phytologist*, **2009**, 182, 565-588	9.8	1547
35	Maximum size distributions in tropical forest communities: relationships with rainfall and disturbance. *Journal of Ecology*, **2008**, 96, 495-504	6	26
34	Are functional traits good predictors of demographic rates? Evidence from five neotropical forests. *Ecology*, **2008**, 89, 1908-20	4.6	444
33	The relationships of wood-, gas- and water fractions of tree stems to performance and life history variation in tropical trees. *Annals of Botany*, **2008**, 102, 367-75	4.1	59
32	Leaf size and leaf display of thirty-eight tropical tree species. *Oecologia*, **2008**, 158, 35-46	2.9	88
31	Seedling Traits Determine Drought Tolerance of Tropical Tree Species. *Biotropica*, **2008**, 40, 321-331	2.3	225
30	Relationships among ecologically important dimensions of plant trait variation in seven neotropical forests. *Annals of Botany*, **2007**, 99, 1003-15	4.1	265
29	Light-dependent leaf trait variation in 43 tropical dry forest tree species. *American Journal of Botany*, **2007**, 94, 515-25	2.7	103
28	Are species adapted to their regeneration niche, adult niche, or both?. *American Naturalist*, **2007**, 169, 433-42	3.7	163
27	Carbohydrate storage and light requirements of tropical moist and dry forest tree species. *Ecology*, **2007**, 88, 1000-11	4.6	179
26	Letters to the editor about the contents of past issues and comments on topics of current concern to Frontiers readers. *Frontiers in Ecology and the Environment*, **2007**, 5, 237-240	5.5	
25	Does a ruderal strategy dominate the endemic flora of the West African forests?. *Journal of Biogeography*, **2007**, 34, 1100-1111	4.1	29
24	Diversity of Tropical Tree Seedling Responses to Drought. *Biotropica*, **2007**, 39, 683-690	2.3	46
23	Seed-mass effects in four Mediterranean Quercus species (Fagaceae) growing in contrasting light environments. *American Journal of Botany*, **2007**, 94, 1795-803	2.7	92

22	Seedling growth strategies in Bauhinia species: comparing lianas and trees. *Annals of Botany*, **2007**, 100, 831-8	4.1	46
21	Architecture of 54 moist-forest tree species: traits, trade-offs, and functional groups. *Ecology*, **2006**, 87, 1289-301	4.6	345
20	Leaf traits are good predictors of plant performance across 53 rain forest species. *Ecology*, **2006**, 87, 1733-43	4.6	550
19	Mechanical branch constraints contribute to life-history variation across tree species in a Bolivian forest. *Journal of Ecology*, **2006**, 94, 1192-1200	6	46
18	LEAF TRAITS ARE GOOD PREDICTORS OF PLANT PERFORMANCE ACROSS 53 RAIN FOREST SPECIES **2006**, 87, 1733		4
17	Resource capture and use by tropical forest tree seedlings and their consequences for competition **2005**, 35-64		29
16	Beyond the regeneration phase: differentiation of height□light trajectories among tropical tree species. *Journal of Ecology*, **2005**, 93, 256-267	6	182
15	A monocarpic tree species in a polycarpic world: how can Tachigali vasquezii maintain itself so successfully in a tropical rain forest community?. *Journal of Ecology*, **2005**, 93, 268-278	6	19
14	Light-dependent changes in the relationship between seed mass and seedling traits: a meta-analysis for rain forest tree species. *Oecologia*, **2005**, 142, 378-87	2.9	87
13	Leaf traits and herbivory rates of tropical tree species differing in successional status. *Plant Biology*, **2004**, 6, 746-54	3.7	129
12	Light environment and tree strategies in a Bolivian tropical moist forest: an evaluation of the light partitioning hypothesis. *Plant Ecology*, **2003**, 166, 295-306	1.7	93
11	ARCHITECTURE OF 53 RAIN FOREST TREE SPECIES DIFFERING IN ADULT STATURE AND SHADE TOLERANCE. *Ecology*, **2003**, 84, 602-608	4.6	158
10	Effects of seasonal drought on gap and understorey seedlings in a Bolivian moist forest. *Journal of Tropical Ecology*, **2000**, 16, 481-498	1.3	86
9	Leaf optical properties in Venezuelan cloud forest trees. *Tree Physiology*, **2000**, 20, 519-526	4.2	69
8	Light environment, sapling architecture, and leaf display in six rain forest tree species. *American Journal of Botany*, **1999**, 86, 1464-1473	2.7	67
7	Regeneration of canopy tree species at five sites in West African moist forest. *Forest Ecology and Management*, **1996**, 84, 61-69	3.9	73
6	LEAF OPTICAL PROPERTIES ALONG A VERTICAL GRADIENT IN A TROPICAL RAIN FOREST CANOPY IN COSTA RICA. *American Journal of Botany*, **1995**, 82, 1257-1263	2.7	83
5	Leaf Optical Properties Along a Vertical Gradient in a Tropical Rain Forest Canopy in Costa Rica. *American Journal of Botany*, **1995**, 82, 1257	2.7	32

4	Spatial distribution of gaps along three catenas in the moist forest of Taï National Park, Ivory Coast. *Journal of Tropical Ecology*, **1994**, 10, 385-398	1.3	48
3	Gaps and Forest Zones in Tropical Moist Forest in Ivory Coast. *Biotropica*, **1993**, 25, 258	2.3	52
2	Photosynthetic induction responses of two rainforest tree species in relation to light environment. *Oecologia*, **1993**, 96, 193-199	2.9	54
1	Functional traits shape tree species distribution in the Himalayas. *Journal of Ecology*,	6	2