S. Joseph Wright

List of Publications by Year
in descending order

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320 papers	39,680 citations	2423 97 h-index	3257 185 g-index
341 all docs	341 docs citations	341 times ranked	26604 citing authors

#	Article	IF	Citations
1	The global spectrum of plant form and function. Nature, 2016, 529, 167-171.	13.7	2,022
2	TRY â€“ a global database of plant traits. Global Change Biology, 2011, 17, 2905-2935.	4.2	2,002
3	Light-Gap Disturbances, Recruitment Limitation, and Tree Diversity in a Neotropical Forest. Science, 1999, 283, 554-557.	6.0	1,268
4	Plant diversity in tropical forests: a review of mechanisms of species coexistence. Oecologia, 2002, 130, 1-14.	0.9	1,152
5	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	4.2	1,038
6	The Phenology of Tropical Forests: Adaptive Significance and Consequences for Primary Consumers. Annual Review of Ecology, Evolution, and Systematics, 1993, 24, 353-377.	6.7	911
7	Averting biodiversity collapse in tropical forest protected areas. Nature, 2012, 489, 290-294.	13.7	909
8	Pervasive density-dependent recruitment enhances seedling diversity in a tropical forest. Nature, 2000, 404, 493-495.	13.7	866
9	Functional traits and the growthâ€“mortality tradeâ€off in tropical trees. Ecology, 2010, 91, 3664-3674.	1.5	788
10	Plant functional traits have globally consistent effects on competition. Nature, 2016, 529, 204-207.	13.7	655
11	Tropical forests in a changing environment. Trends in Ecology and Evolution, 2005, 20, 553-560.	4.2	586
12	PLASTIC PHENOTYPIC RESPONSE TO LIGHT OF 16 CONGENERIC SHRUBS FROM A PANAMANIAN RAINFOREST. Ecology, 2000, 81, 1925-1936.	1.5	576
13	ARE FUNCTIONAL TRAITS GOOD PREDICTORS OF DEMOGRAPHIC RATES? EVIDENCE FROM FIVE NEOTROPICAL FORESTS. Ecology, 2008, 89, 1908-1920.	1.5	572
14	Potassium, phosphorus, or nitrogen limit root allocation, tree growth, or litter production in a lowland tropical forest. Ecology, 2011, 92, 1616-1625.	1.5	478
15	<scp>CTFS</scp>â€Forest<scp>GEO</scp>: a worldwide network monitoring forests in an era of global change. Global Change Biology, 2015, 21, 528-549.	4.2	473
16	Light and the Phenology of Tropical Trees. American Naturalist, 1994, 143, 192-199.	1.0	459
17	Relationships between phyllosphere bacterial communities and plant functional traits in a neotropical forest. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13715-13720.	3.3	457
18	Global patterns of leaf mechanical properties. Ecology Letters, 2011, 14, 301-312.	3.0	418

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19	The Future of Tropical Forest Species1. Biotropica, 2006, 38, 287-301.	0.8	382
20	Multiple nutrients limit litterfall and decomposition in a tropical forest. Ecology Letters, 2008, 11, 35-43.	3.0	369
21	Cloud cover limits net CO2 uptake and growth of a rainforest tree during tropical rainy seasons. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 572-576.	3.3	354
22	A global method for calculating plant <scp>CSR</scp> ecological strategies applied across biomes worldâ€wide. Functional Ecology, 2017, 31, 444-457.	1.7	330
23	Relationships Among Ecologically Important Dimensions of Plant Trait Variation in Seven Neotropical Forests. Annals of Botany, 2007, 99, 1003-1015.	1.4	317
24	Molybdenum limitation of asymbiotic nitrogen fixation in tropical forest soils. Nature Geoscience, 2009, 2, 42-45.	5.4	315
25	GAP-DEPENDENT RECRUITMENT, REALIZED VITAL RATES, AND SIZE DISTRIBUTIONS OF TROPICAL TREES. Ecology, 2003, 84, 3174-3185.	1.5	312
26	Non-structural carbohydrate pools in a tropical forest. Oecologia, 2005, 143, 11-24.	0.9	302
27	Interspecific variation in primary seed dispersal in a tropical forest. Journal of Ecology, 2008, 96, 653-667.	1.9	299
28	Biodiversity Meets the Atmosphere: A Global View of Forest Canopies. Science, 2003, 301, 183-186.	6.0	295
29	Decelerating growth in tropical forest trees. Ecology Letters, 2007, 10, 461-469.	3.0	266
30	Poachers Alter Mammal Abundance, Seed Dispersal, and Seed Predation in a Neotropical Forest. Conservation Biology, 2000, 14, 227-239.	2.4	264
31	THE EL NIÌƒO SOUTHERN OSCILLATION, VARIABLE FRUIT PRODUCTION, AND FAMINE IN A TROPICAL FOREST. Ecology, 1999, 80, 1632-1647.	1.5	260
32	Partitioning of soil water among canopy trees in a seasonally dry tropical forest. Oecologia, 1999, 121, 293.	0.9	253
33	The future of tropical species in secondary forests: A quantitative review. Biological Conservation, 2009, 142, 2833-2843.	1.9	252
34	Long-Term Change in the Nitrogen Cycle of Tropical Forests. Science, 2011, 334, 664-666.	6.0	250
35	Role of dispersal in the recruitment limitation of neotropical pioneer species. Journal of Ecology, 2002, 90, 714-727.	1.9	244
36	The biogeography and filtering of woody plant functional diversity in North and South America. Global Ecology and Biogeography, 2012, 21, 798-808.	2.7	235

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37	ARE LIANAS INCREASING IN IMPORTANCE IN TROPICAL FORESTS? A 17-YEAR RECORD FROM PANAMA. Ecology, 2004, 85, 484-489.	1.5	225
38	Phosphorus limitation, soilâ€borne pathogens and the coexistence of plant species in hyperdiverse forests and shrublands. New Phytologist, 2015, 206, 507-521.	3.5	222
39	Seasonal Drought and Leaf Fall in a Tropical Forest. Ecology, 1990, 71, 1165-1175.	1.5	216
40	The impact of lianas on 10â€ƒyears of tree growth and mortality on Barro Colorado Island, Panama. Journal of Ecology, 2010, 98, 879-887.	1.9	215
41	Metaâ€Analysis of the Effects of Human Disturbance on Seed Dispersal by Animals. Conservation Biology, 2012, 26, 1072-1081.	2.4	213
42	The response of microbial biomass and hydrolytic enzymes to a decade of nitrogen, phosphorus, and potassium addition in a lowland tropical rain forest. Biogeochemistry, 2014, 117, 115-130.	1.7	207
43	Seasonal, El Nino and longer term changes in flower and seed production in a moist tropical forest. Ecology Letters, 2005, 9, 051128082709002.	3.0	203
44	DOES MAMMAL COMMUNITY COMPOSITION CONTROL RECRUITMENT IN NEOTROPICAL FORESTS? EVIDENCE FROM PANAMA. Ecology, 1997, 78, 941-946.	1.5	202
45	The myriad consequences of hunting for vertebrates and plants in tropical forests. Perspectives in Plant Ecology, Evolution and Systematics, 2003, 6, 73-86.	1.1	199
46	Tropical tree seedling growth responses to nitrogen, phosphorus and potassium addition. Journal of Ecology, 2012, 100, 309-316.	1.9	199
47	ANNUAL AND SPATIAL VARIATION IN SEEDFALL AND SEEDLING RECRUITMENT IN A NEOTROPICAL FOREST. Ecology, 2005, 86, 848-860.	1.5	198
48	The decline of tree diversity on newly isolated tropical islands: A test of a null hypothesis and some implications. Evolutionary Ecology, 1993, 7, 76-102.	0.5	195
49	Phylogenetic Patterns among Tropical Flowering Phenologies. Journal of Ecology, 1995, 83, 937.	1.9	193
50	Phylogenetic and functional alpha and beta diversity in temperate and tropical tree communities. Ecology, 2012, 93, S112.	1.5	193
51	Decline of photosynthetic capacity with leaf age in relation to leaf longevities for five tropical canopy tree species. American Journal of Botany, 1997, 84, 702-708.	0.8	187
52	The Bushmeat Harvest Alters Seedling Banks by Favoring Lianas, Large Seeds, and Seeds Dispersed by Bats, Birds, and Wind. Biotropica, 2007, 39, 363-371.	0.8	187
53	The Future of Tropical Species on a Warmer Planet. Conservation Biology, 2009, 23, 1418-1426.	2.4	184
54	Relating belowground microbial composition to the taxonomic, phylogenetic, and functional trait distributions of trees in a tropical forest. Ecology Letters, 2015, 18, 1397-1405.	3.0	183

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55	Poachers and Forest Fragmentation Alter Seed Dispersal, Seed Survival, and Seedling Recruitment in the Palm Attalea butyraceae, with Implications for Tropical Tree Diversity1. Biotropica, 2001, 33, 583-595.	0.8	182
56	The future of tropical forests. Annals of the New York Academy of Sciences, 2010, 1195, 1-27.	1.8	180
57	Why Do Some Tropical Forests Have So Many Species of Trees?1. Biotropica, 2004, 36, 447.	0.8	176
58	Leaf functional traits of tropical forest plants in relation to growth form. Functional Ecology, 2007, 21, 19.	1.7	168
59	Temporal turnover in the composition of tropical tree communities: functional determinism and phylogenetic stochasticity. Ecology, 2012, 93, 490-499.	1.5	168
60	Variability in leaf optical properties of Mesoamerican trees and the potential for species classification. American Journal of Botany, 2006, 93, 517-530.	0.8	162
61	Flowering and fruiting phenologies of seasonal and aseasonal neotropical forests: the role of annual changes in irradiance. Journal of Tropical Ecology, 2007, 23, 231-251.	0.5	161
62	Why Do Some Tropical Forests Have So Many Species of Trees?. Biotropica, 2004, 36, 447-473.	0.8	156
63	Ecological Interpretation of Leaf Carbon Isotope Ratios: Influence of Respired Carbon Dioxide. Ecology, 1989, 70, 1317-1324.	1.5	153
64	The Plight of Large Animals in Tropical Forests and the Consequences for Plant Regeneration. Biotropica, 2007, 39, 289-291.	0.8	153
65	Functional traits as predictors of vital rates across the life cycle of tropical trees. Functional Ecology, 2016, 30, 168-180.	1.7	152
66	Decline of photosynthetic capacity with leaf age and position in two tropical pioneer tree species. American Journal of Botany, 2002, 89, 1925-1932.	0.8	150
67	Coordinated changes in photosynthesis, water relations and leaf nutritional traits of canopy trees along a precipitation gradient in lowland tropical forest. Oecologia, 2004, 139, 495-502.	0.9	150
68	Impact of elevated N input on soil N cycling and losses in oldâ€growth lowland and montane forests in Panama. Ecology, 2010, 91, 1715-1729.	1.5	149
69	Hunting and Plant Community Dynamics in Tropical Forests: A Synthesis and Future Directions. Biotropica, 2007, 39, 385-392.	0.8	147
70	ECOLOGY: Beta Diversity in Tropical Forests. Science, 2002, 295, 636-637.	6.0	145
71	Functional traits explain light and size response of growth rates in tropical tree species. Ecology, 2012, 93, 2626-2636.	1.5	145
72	Effect of Seasonal Water Availability on Phenology and the Annual Shoot Carbohydrate Cycle of Tropical Forest Shrubs. Functional Ecology, 1995, 9, 518.	1.7	144

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73	LIFE HISTORY TRADE-OFFS IN TROPICAL TREES AND LIANAS. Ecology, 2006, 87, 1281-1288.	1.5	144
74	Tropical Forest Litter Dynamics and Dry Season Irrigation on Barro Colorado Island, Panama. Ecology, 1995, 76, 1971-1979.	1.5	140
75	Reproductive size thresholds in tropical trees: variation among individuals, species and forests. Journal of Tropical Ecology, 2005, 21, 307-315.	0.5	140
76	Seasonal Drought and the Phenology of Understory Shrubs in a Tropical Moist Forest. Ecology, 1991, 72, 1643-1657.	1.5	139
77	Taxonomy and remote sensing of leaf mass per area (LMA) in humid tropical forests. , 2011, 21, 85-98.		139
78	Stem, root, and older leaf N:P ratios are more responsive indicators of soil nutrient availability than new foliage. Ecology, 2014, 95, 2062-2068.	1.5	138
79	<scp>BHPMF</scp> â€“ a hierarchical <scp>B</scp>ayesian approach to gapâ€filling and trait prediction for macroecology and functional biogeography. Global Ecology and Biogeography, 2015, 24, 1510-1521.	2.7	132
80	Fineâ€root responses to fertilization reveal multiple nutrient limitation in a lowland tropical forest. Ecology, 2015, 96, 2137-2146.	1.5	132
81	Globally, functional traits are weak predictors of juvenile tree growth, and we do not know why. Journal of Ecology, 2015, 103, 978-989.	1.9	131
82	Variation in Crown Light Utilization Characteristics among Tropical Canopy Trees. Annals of Botany, 2004, 95, 535-547.	1.4	130
83	Seasonal drought, soil fertility and the species density of tropical forest plant communities. Trends in Ecology and Evolution, 1992, 7, 260-263.	4.2	129
84	Speciesâ€specific responses of foliar nutrients to longâ€term nitrogen and phosphorus additions in a lowland tropical forest. Journal of Ecology, 2014, 102, 36-44.	1.9	123
85	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. Biological Conservation, 2021, 253, 108907.	1.9	122
86	ECOLOGICAL DETERMINISM IN PLANT COMMUNITY STRUCTURE ACROSS A TROPICAL FOREST LANDSCAPE. Ecology, 2004, 85, 2526-2538.	1.5	121
87	Tropical Forest Litter Decomposition under Seasonal Drought: Nutrient Release, Fungi and Bacteria. Oikos, 1994, 70, 183.	1.2	120
88	Wet and dry tropical forests show opposite successional pathways in wood density but converge over time. Nature Ecology and Evolution, 2019, 3, 928-934.	3.4	120
89	Immediate and longâ€term nitrogen oxide emissions from tropical forest soils exposed to elevated nitrogen input. Global Change Biology, 2009, 15, 2049-2066.	4.2	119
90	Are Large Predators Keystone Species in Neotropical Forests? The Evidence from Barro Colorado Island. Oikos, 1994, 71, 279.	1.2	118

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91	Tropical forest responses to increasing atmospheric CO2: current knowledge and opportunities for future research. Functional Plant Biology, 2013, 40, 531.	1.1	118
92	Community proteogenomics reveals the systemic impact of phosphorus availability on microbial functions in tropical soil. Nature Ecology and Evolution, 2018, 2, 499-509.	3.4	116
93	Seasonal patterns of carbohydrate storage in four tropical tree species. Oecologia, 2002, 131, 333-342.	0.9	114
94	Sources of variation in foliar secondary chemistry in a tropical forest tree community. Ecology, 2017, 98, 616-623.	1.5	112
95	EPISODIC DEATH ACROSS SPECIES OF DESERT SHRUBS. Ecology, 2007, 88, 32-36.	1.5	111
96	Effects of Mammalian Herbivores on Plant Recruitment in Two Neotropical Forests. Ecology, 1994, 75, 1829-1833.	1.5	110
97	Differences in leaf traits, leaf internal structure, and spectral reflectance between two communities of lianas and trees: Implications for remote sensing in tropical environments. Remote Sensing of Environment, 2009, 113, 2076-2088.	4.6	110
98	How celluloseâ€based leaf toughness and lamina density contribute to long leaf lifespans of shadeâ€tolerant species. New Phytologist, 2012, 195, 640-652.	3.5	106
99	Temporal coexistence mechanisms contribute to the latitudinal gradient in forest diversity. Nature, 2017, 550, 105-108.	13.7	106
100	Plant responses to fertilization experiments in lowland, speciesâ€rich, tropical forests. Ecology, 2018, 99, 1129-1138.	1.5	105
101	Interspecific synchrony and asynchrony in the fruiting phenologies of congeneric bird-dispersed plants in Panama. Journal of Tropical Ecology, 1999, 15, 213-227.	0.5	103
102	Species with greater seed mass are more tolerant of conspecific neighbours: a key driver of early survival and future abundances in a tropical forest. Ecology Letters, 2016, 19, 1071-1080.	3.0	102
103	Operational Tree Species Mapping in a Diverse Tropical Forest with Airborne Imaging Spectroscopy. PLoS ONE, 2015, 10, e0118403.	1.1	101
104	Beyond the fastâ€“slow continuum: demographic dimensions structuring a tropical tree community. Ecology Letters, 2018, 21, 1075-1084.	3.0	100
105	Understanding strategies for seed dispersal by wind under contrasting atmospheric conditions. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19084-19089.	3.3	99
106	Density compensation in island avifaunas. Oecologia, 1980, 45, 385-389.	0.9	98
107	Soil fertility and fine root dynamics in response to 4 years of nutrient (N, P, K) fertilization in a lowland tropical moist forest, Panama. Austral Ecology, 2011, 36, 433-445.	0.7	95
108	Plant responses to nutrient addition experiments conducted in tropical forests. Ecological Monographs, 2019, 89, e01382.	2.4	95

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109	Divergent drivers of leaf trait variation within species, among species, and among functional groups. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5480-5485.	3.3	94
110	The Uncertain Future of Tropical Forest Species1. Biotropica, 2006, 38, 443-445.	0.8	91
111	Evaluating the Success of Conservation Actions in Safeguarding Tropical Forest Biodiversity. Conservation Biology, 2009, 23, 1448-1457.	2.4	91
112	Variable Responses of Lowland Tropical Forest Nutrient Status to Fertilization and Litter Manipulation. Ecosystems, 2012, 15, 387-400.	1.6	91
113	The Dispersion of Eggs by a Bruchid Beetle among Scheelea Palm Seeds and the Effect of Distance to the Parent Palm. Ecology, 1983, 64, 1016-1021.	1.5	90
114	Intra-Archipelago Vertebrate Distributions: The Slope of the Species-Area Relation. American Naturalist, 1981, 118, 726-748.	1.0	89
115	Phenological Responses to Seasonality in Tropical Forest Plants. , 1996, , 440-460.		89
116	The Status of the Panama Canal Watershed and Its Biodiversity at the Beginning of the 21st Century. BioScience, 2001, 51, 389.	2.2	89
117	POVERTY AND CORRUPTION COMPROMISE TROPICAL FOREST RESERVES. , 2007, 17, 1259-1266.		89
118	General herbivore outbreak following an El NiÃ±o-related drought in a lowland Panamanian forest. Journal of Tropical Ecology, 2004, 20, 625-633.	0.5	88
119	Stochastic Extinction and Reserve Size: A Focal Species Approach. Oikos, 1983, 41, 466.	1.2	87
120	Coexistence in tropical forests through asynchronous variation in annual seed production. Ecology, 2012, 93, 2073-2084.	1.5	84
121	Negative density dependence of seed dispersal and seedling recruitment in a Neotropical palm. Ecology Letters, 2014, 17, 1111-1120.	3.0	84
122	Bias in the detection of negative density dependence in plant communities. Ecology Letters, 2019, 22, 1923-1939.	3.0	84
123	Drought and Irrigation Effects on Fine Root Dynamics in a Tropical Moist Forest, Panama1. Biotropica, 2001, 33, 421-434.	0.8	83
124	A functional analysis of the crown architecture of tropical forest Psychotria species: do species vary in light capture efficiency and consequently in carbon gain and growth?. Oecologia, 2004, 139, 163-177.	0.9	83
125	Benchmarking and parameter sensitivity of physiological and vegetation dynamics using the Functionally Assembled Terrestrial Ecosystem Simulator (FATES) at Barro Colorado Island, Panama. Biogeosciences, 2020, 17, 3017-3044.	1.3	82
126	Survival and growth of Virola surinamensis yearlings: Water augmentation in gap and understory. Oecologia, 1991, 86, 292-297.	0.9	81

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127	The contribution of interspecific variation in maximum tree height to tropical and temperate diversity. Journal of Tropical Ecology, 2006, 22, 11-24.	0.5	81
128	Seasonal leaf phenotypes in the canopy of a tropical dry forest: photosynthetic characteristics and associated traits. Oecologia, 1997, 109, 490-498.	0.9	80
129	Seed limitation in a Panamanian forest. Journal of Ecology, 2005, 93, 853-862.	1.9	80
130	Wood traits related to size and life history of trees in a Panamanian rainforest. New Phytologist, 2017, 213, 170-180.	3.5	80
131	Resource acquisition and reproductive strategies of tropical forest in response to the El NiÃ±oâ€“Southern Oscillation. Nature Communications, 2018, 9, 913.	5.8	80
132	What Makes a Leaf Tough? Patterns of Correlated Evolution between Leaf Toughness Traits and Demographic Rates among 197 Shade-Tolerant Woody Species in a Neotropical Forest. American Naturalist, 2011, 177, 800-811.	1.0	78
133	Oxygen isotope ratio stratification in a tropical moist forest. Oecologia, 1989, 81, 51-56.	0.9	76
134	Spatial heterogeneity of soil chemical properties in a lowland tropical moist forest, Panama. Soil Research, 2009, 47, 674.	0.6	76
135	Seasonal drought and dry-season irrigation influence leaf-litter nutrients and soil enzymes in a moist, lowland forest in Panama. Austral Ecology, 2004, 29, 177-188.	0.7	73
136	Does relatedness matter? Phylogenetic densityâ€dependent survival of seedlings in a tropical forest. Ecology, 2014, 95, 940-951.	1.5	73
137	Positive effects of neighborhood complementarity on tree growth in a Neotropical forest. Ecology, 2016, 97, 776-785.	1.5	73
138	Assessing recruitment limitation: concepts, methods and case-studies from a tropical forest.. , 2002, , 35-53.		73
139	Role of tree size in moist tropical forest carbon cycling and water deficit responses. New Phytologist, 2018, 219, 947-958.	3.5	73
140	Topography and neighborhood crowding can interact to shape species growth and distribution in a diverse Amazonian forest. Ecology, 2018, 99, 2272-2283.	1.5	72
141	Comparative evolutionary diversity and phylogenetic structure across multiple forest dynamics plots: a mega-phylogeny approach. Frontiers in Genetics, 2014, 5, 358.	1.1	71
142	The effect of climatic gradients, topographic variation and species traits on the beta diversity of rain forest trees. Global Ecology and Biogeography, 2007, 16, 510-518.	2.7	70
143	An ecosystem report on the Panama Canal: monitoring the status of the forest communities and the watershed. Environmental Monitoring and Assessment, 2002, 80, 65-95.	1.3	67
144	Nutrient Availability in Tropical Rain Forests: The Paradigm of Phosphorus Limitation. Tree Physiology, 2016, , 261-273.	0.9	67

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145	Seed predation during general flowering events of varying magnitude in a Malaysian rain forest. Journal of Ecology, 2007, 95, 818-827.	1.9	64
146	Clouds and temperature drive dynamic changes in tropical flower production. Nature Climate Change, 2013, 3, 838-842.	8.1	63
147	Estimation of the Distribution of Tabebuia guayacan (Bignoniaceae) Using High-Resolution Remote Sensing Imagery. Sensors, 2011, 11, 3831-3851.	2.1	62
148	Plant physiological ecology of tropical forest canopies. Trends in Ecology and Evolution, 1996, 11, 408-412.	4.2	61
149	Mechanics and chemistry of rain forest leaves: canopy and understorey compared*. Journal of Experimental Botany, 2003, 54, 2007-2014.	2.4	61
150	The response of stomatal conductance to seasonal drought in tropical forests. Global Change Biology, 2020, 26, 823-839.	4.2	60
151	THE EFFECTS OF NEIGHBORS ON THE DEMOGRAPHY OF A DOMINANT DESERT SHRUB (AMBROSIA DUMOSA). Ecological Monographs, 2001, 71, 491-509.	2.4	59
152	Comparative physiology and demography of three Neotropical forest shrubs: alternative shade-adaptive character syndromes. Oecologia, 1993, 96, 526-536.	0.9	58
153	Reproductive ecology of 21 coexisting Psychotria species (Rubiaceae): when is heterostyly lost?. Biological Journal of the Linnean Society, 0, 93, 125-134.	0.7	58
154	Seedling interactions in a tropical forest in Panama. Oecologia, 2008, 155, 143-150.	0.9	58
155	Functional trait differences influence neighbourhood interactions in a hyperdiverse Amazonian forest. Ecology Letters, 2016, 19, 1062-1070.	3.0	58
156	Root and leaf traits reflect distinct resource acquisition strategies in tropical lianas and trees. Oecologia, 2016, 180, 1037-1047.	0.9	58
157	Responses of arbuscular mycorrhizal fungi to long-term inorganic and organic nutrient addition in a lowland tropical forest. ISME Journal, 2018, 12, 2433-2445.	4.4	58
158	Testing the Dispersion of Juveniles Relative to Adults: A New Analytic Method. Ecology, 1986, 67, 952-957.	1.5	57
159	Intrinsic water-use efficiency and heterotrophic investment in tropical leaf growth of two Neotropical pioneer tree species as estimated from Î´13 C values. New Phytologist, 2001, 152, 267-281.	3.5	57
160	The Spatial Pattern and Reproductive Consequences of Outbreak Defoliation in Quararibea Asterolepis, A Tropical Tree. Journal of Ecology, 1990, 78, 579.	1.9	56
161	Drought acclimation among tropical forest shrubs (Psychotria, Rubiaceae). Oecologia, 1992, 89, 457-463.	0.9	54
162	Speciesâ€specific flowering cues among general flowering Shorea species at the Pasoh Research Forest, Malaysia. Journal of Ecology, 2018, 106, 586-598.	1.9	54

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163	Trait evolution and the coexistence of a species swarm in the tropical forest understorey. Journal of Ecology, 2012, 100, 1183-1193.	1.9	53
164	Cross-boundary subsidy cascades from oil palm degrade distant tropical forests. Nature Communications, 2017, 8, 2231.	5.8	53
165	Tree species vary widely in their tolerance for liana infestation: A case study of differential host response to generalist parasites. Journal of Ecology, 2018, 106, 781-794.	1.9	53
166	Seasonal Changes and Treatment Effects on Soil Inorganic Nutrients Following a Decade of Fertilizer Addition in a Lowland Tropical Forest. Soil Science Society of America Journal, 2013, 77, 1357-1369.	1.2	52
167	Seasonal changes in soil organic matter after a decade of nutrient addition in a lowland tropical forest. Biogeochemistry, 2015, 123, 221-235.	1.7	51
168	Hydraulicallyâ€vulnerable trees survive on deepâ€water access during droughts in a tropical forest. New Phytologist, 2021, 231, 1798-1813.	3.5	51
169	Largeâ€scale spatial variation in palm fruit abundance across a tropical moist forest estimated from highâ€resolution aerial photographs. Ecography, 2008, 31, 33-42.	2.1	50
170	Historical, Demographic, and Economic Correlates of Land-Use Change in the Republic of Panama. Ecology and Society, 2008, 13, .	1.0	50
171	Covariation in Plant Functional Traits and Soil Fertility within Two Species-Rich Forests. PLoS ONE, 2012, 7, e34767.	1.1	50
172	Environmental gradients and the evolution of successional habitat specialization: a test case with 14 Neotropical forest sites. Journal of Ecology, 2015, 103, 1276-1290.	1.9	50
173	Foliar respiration and its temperature sensitivity in trees and lianas: in situ measurements in the upper canopy of a tropical forest. Tree Physiology, 2013, 33, 505-515.	1.4	49
174	Extinction-Mediated Competition: The Anolis Lizards and Insectivorous Birds of the West Indies. American Naturalist, 1981, 117, 181-192.	1.0	49
175	Comparative life history and physiology of two understory Neotropical herbs. Oecologia, 1991, 88, 263-273.	0.9	48
176	Dendroecological Analysis of Cordia Alliodora, Pseudobombax Septenatum and Annona Spraguei in Central Panama. IAWA Journal, 1995, 16, 411-424.	2.7	48
177	Strong radial variation in wood density follows a uniform pattern in two neotropical rain forests. Functional Ecology, 2013, 27, 684-692.	1.7	48
178	Leaf life span spectrum of tropical woody seedlings: effects of light and ontogeny and consequences for survival. Annals of Botany, 2013, 112, 685-699.	1.4	48
179	Variations of leaf longevity in tropical moist forests predicted by a traitâ€driven carbon optimality model. Ecology Letters, 2017, 20, 1097-1106.	3.0	48
180	Signs of stabilisation and stable coexistence. Ecology Letters, 2019, 22, 1957-1975.	3.0	48

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181	Competition Between Insectivorous Lizards and Birds in Central Panama. American Zoologist, 1979, 19, 1145-1156.	0.7	47
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