Richard Condit

List of Publications by Year in descending order

82 papers	13,322 citations	57719 44 h-index	71651 76 g-index
94 all docs	94 docs citations	94 times ranked	10411 citing authors

#	Article	IF	Citations
1	Light-Gap Disturbances, Recruitment Limitation, and Tree Diversity in a Neotropical Forest. Science, 1999, 283, 554-557.	6.0	1,268
2	Beta-Diversity in Tropical Forest Trees. Science, 2002, 295, 666-669.	6.0	1,176
3	Spatial Patterns in the Distribution of Tropical Tree Species. Science, 2000, 288, 1414-1418.	6.0	966
4	Drought sensitivity shapes species distribution patterns in tropical forests. Nature, 2007, 447, 80-82.	13.7	867
5	Tropical Forest Census Plots. , 1998, , .		718
6	Habitat associations of trees and shrubs in a 50-ha neotropical forest plot. Journal of Ecology, 2001, 89, 947-959.	1.9	687
7	Mortality Rates of 205 Neotropical Tree and Shrub Species and the Impact of a Severe Drought. Ecological Monographs, 1995, 65, 419-439.	2.4	611
8	Species distributions in response to individual soil nutrients and seasonal drought across a community of tropical trees. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5064-5068.	3.3	409
9	Species-Area and Species-Individual Relationships for Tropical Trees: A Comparison of Three 50-ha Plots. Journal of Ecology, 1996, 84, 549.	1.9	389
10	Global importance of largeâ€diameter trees. Global Ecology and Biogeography, 2018, 27, 849-864.	2.7	330
11	Predicting Population Trends from Size Distributions: A Direct Test in a Tropical Tree Community. American Naturalist, 1998, 152, 495-509.	1.0	321
12	Changes in tree species abundance in a Neotropical forest: impact of climate change. Journal of Tropical Ecology, 1996, 12, 231-256.	0.5	300
13	Biodiversity recovery of Neotropical secondary forests. Science Advances, 2019, 5, eaau3114.	4.7	291
14	Local neighborhood effects on long-term survival of individual trees in a neotropical forest. Ecological Research, 2001, 16, 859-875.	0.7	261
15	Recruitment Near Conspecific Adults and the Maintenance of Tree and Shrub Diversity in a Neotropical Forest. American Naturalist, 1992, 140, 261-286.	1.0	250
16	Pervasive phosphorus limitation of tree species but not communities in tropical forests. Nature, 2018, 555, 367-370.	13.7	242
17	Tropical forest dynamics across a rainfall gradient and the impact of an El NiÃ±o dry season. Journal of Tropical Ecology, 2004, 20, 51-72.	0.5	236
18	How many tree species are there in the Amazon and how many of them will go extinct?. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11498-11504.	3.3	232

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19	Plant diversity increases with the strength of negative density dependence at the global scale. Science, 2017, 356, 1389-1392.	6.0	222
20	The Importance of Demographic Niches to Tree Diversity. Science, 2006, 313, 98-101.	6.0	215
21	Dynamics of the forest communities at Pasoh and Barro Colorado: comparing two 50â€“ha plots. Philosophical Transactions of the Royal Society B: Biological Sciences, 1999, 354, 1739-1748.	1.8	197
22	Assessing the response of plant functional types to climatic change in tropical forests. Journal of Vegetation Science, 1996, 7, 405-416.	1.1	183
23	Developmental changes in habitat associations of tropical trees. Journal of Ecology, 2007, 95, 482-492.	1.9	174
24	Nonrandom Processes Maintain Diversity in Tropical Forests. Science, 2006, 311, 527-531.	6.0	166
25	Ecological Implications of Changes in Drought Patterns: Shifts in Forest Composition in Panama. Climatic Change, 1998, 39, 413-427.	1.7	131
26	Identifying fast-growing native trees from the neotropics using data from a large, permanent census plot. Forest Ecology and Management, 1993, 62, 123-143.	1.4	123
27	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. Biological Conservation, 2021, 253, 108907.	1.9	122
28	Temporal variability of forest communities: empirical estimates of population change in 4000 tree species. Ecology Letters, 2014, 17, 855-865.	3.0	115
29	Density Dependence in Two Understory Tree Species in a Neotropical Forest. Ecology, 1994, 75, 671-680.	1.5	114
30	Beyond the fastâ€“slow continuum: demographic dimensions structuring a tropical tree community. Ecology Letters, 2018, 21, 1075-1084.	3.0	100
31	Demographic trade-offs predict tropical forest dynamics. Science, 2020, 368, 165-168.	6.0	100
32	The demographics of resprouting in tree and shrub species of a moist tropical forest. Journal of Ecology, 2000, 88, 765-777.	1.9	99
33	Short-Term Dynamics of a Neotropical Forest. BioScience, 1992, 42, 822-828.	2.2	96
34	Longâ€term variation in Amazon forest dynamics. Journal of Vegetation Science, 2009, 20, 323-333.	1.1	96
35	Response of recruitment to light availability across a tropical lowland rain forest community. Journal of Ecology, 2009, 97, 1360-1368.	1.9	93
36	Densityâ€dependent survival varies with species lifeâ€history strategy in a tropical forest. Ecology Letters, 2018, 21, 506-515.	3.0	92

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37	Direct and indirect effects of climate on richness drive the latitudinal diversity gradient in forest trees. Ecology Letters, 2019, 22, 245-255.	3.0	92
38	Growth Strategies of Tropical Tree Species: Disentangling Light and Size Effects. PLoS ONE, 2011, 6, e25330.	1.1	91
39	Abiotic niche partitioning and negative density dependence drive tree seedling survival in a tropical forest. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20172210.	1.2	81
40	Rarity and abundance in a diverse African forest. Biodiversity and Conservation, 2007, 16, 2045-2074.	1.2	67
41	Determinants of mortality across a tropical lowland rainforest community. Oikos, 2011, 120, 1047-1056.	1.2	61
42	Mortality and growth of a commercial hardwood â€˜el cativoâ€™, Prioria copaifera, in Panama. Forest Ecology and Management, 1993, 62, 107-122.	1.4	60
43	Dynamic response of a Philippine dipterocarp forest to typhoon disturbance. Journal of Vegetation Science, 2016, 27, 133-143.	1.1	56
44	Lifetime survival rates and senescence in northern elephant seals. Marine Mammal Science, 2014, 30, 122-138.	0.9	54
45	Thirty Years of Forest Census at Barro Colorado and the Importance of Immigration in Maintaining Diversity. PLoS ONE, 2012, 7, e49826.	1.1	53
46	Demographic trends and climate over 35 years in the Barro Colorado 50 ha plot. Forest Ecosystems, 2017, 4, .	1.3	47
47	Lifetime reproductive success of northern elephant seals (Mirounga angustirostris). Canadian Journal of Zoology, 2019, 97, 1203-1217.	0.4	47
48	Variation in hydroclimate sustains tropical forest biomass and promotes functional diversity. New Phytologist, 2018, 219, 932-946.	3.5	41
49	Temporal and spatial variability in seedling dynamics: a cross-site comparison in four lowland tropical forests. Journal of Tropical Ecology, 2008, 24, 9-18.	0.5	34
50	Biodiversity in a Warmer World. Science, 2008, 322, 206-207.	6.0	33
51	Spatial and temporal analysis of beta diversity in the Barro Colorado Island forest dynamics plot, Panama. Forest Ecosystems, 2019, 6, .	1.3	33
52	Trees of Panama and Costa Rica. , 2010, , .		30
53	Patterns of nitrogenâ€fixing tree abundance in forests across Asia and America. Journal of Ecology, 2019, 107, 2598-2610.	1.9	29
54	A Bioenergetics Approach to Understanding the Population Consequences of Disturbance: Elephant Seals as a Model System. Advances in Experimental Medicine and Biology, 2016, 875, 161-169.	0.8	29

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55	Ecological Implications of Changes in Drought Patterns: Shifts in Forest Composition in Panama. , 1998, , 273-287.		26
56	Partitioning mortality into growth-dependent and growth-independent hazards across 203 tropical tree species. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12459-12464.	3.3	25
57	ESTIMATING POPULATION SIZE IN ASYNCHRONOUS AGGREGATIONS: A BAYESIAN APPROACH AND TEST WITH ELEPHANT SEAL CENSUSES. Marine Mammal Science, 2007, 23, 834-855.	0.9	24
58	Checkerboard scoreâ€“area relationships reveal spatial scales of plant community structure. Oikos, 2018, 127, 415-426.	1.2	21
59	Counting niches: Abundanceâ€byâ€trait patterns reveal niche partitioning in a Neotropical forest. Ecology, 2020, 101, e03019.	1.5	21
60	Shifts in taxonomic and functional composition of trees along rainfall and phosphorus gradients in central Panama. Journal of Ecology, 2021, 109, 51-61.	1.9	21
61	Resolving the paradox of clumped seed dispersal: positive density and distance dependence in a batâ€dispersed species. Ecology, 2018, 99, 2583-2591.	1.5	18
62	Functional biogeography of Neotropical moist forests: Traitâ€“climate relationships and assembly patterns of tree communities. Global Ecology and Biogeography, 2021, 30, 1430-1446.	2.7	18
63	Demographic variation and habitat specialization of tree species in a diverse tropical forest of Cameroon. Forest Ecosystems, 2014, 1, .	1.3	16
64	Model-Assisted Estimation of Tropical Forest Biomass Change: A Comparison of Approaches. Remote Sensing, 2018, 10, 731.	1.8	16
65	Performance of tropical forest seedlings under shade and drought: an interspecific trade-off in demographic responses. Scientific Reports, 2019, 9, 18784.	1.6	15
66	Seedâ€toâ€seedling transitions exhibit distanceâ€dependent mortality but no strong spacing effects in a Neotropical forest. Ecology, 2020, 101, e02926.	1.5	15
67	Geographical Range and Local Abundance of Tree Species in China. PLoS ONE, 2013, 8, e76374.	1.1	13
68	Tree Species Composition and Beta Diversity in the Upper RÃo Chagres Basin, Panama. , 2005, , 227-235.		12
69	Extracting Environmental Benefits from a New Canal in Nicaragua: Lessons from Panama. PLoS Biology, 2015, 13, e1002208.	2.6	11
70	Temporal population variability in local forest communities has mixed effects on tree species richness across a latitudinal gradient. Ecology Letters, 2020, 23, 160-171.	3.0	11
71	Consistency of demographic tradeâ€offs across 13 (sub)tropical forests. Journal of Ecology, 2022, 110, 1485-1496.	1.9	11
72	Effects of biotic interactions on tropical tree performance depend on abiotic conditions. Ecology, 2018, 99, 2740-2750.	1.5	10

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73	Communityâ€level speciesâ€™ correlated distribution can be scaleâ€independent and related to the evenness of abundance. Ecology, 2018, 99, 2787-2800.	1.5	10
74	Elephant seals time their long-distance migrations using a map sense. Current Biology, 2022, 32, R156-R157.	1.8	9
75	Trees of Panama: A complete checklist with every geographic range. Forest Ecosystems, 2020, 7, .	1.3	7
76	Density-dependent effects on reproductive output in a capital breeding carnivore, the northern elephant seal (Mirounga angustirostris). Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211258.	1.2	7
77	Inferring multispecies distributional aggregation level from limited line transectâ€derived biodiversity data. Methods in Ecology and Evolution, 2019, 10, 1015-1023.	2.2	6
78	Estimating population size when individuals are asynchronous: A model illustrated with northern elephant seal breeding colonies. PLoS ONE, 2022, 17, e0262214.	1.1	3
79	Birth timing after the long feeding migration in northern elephant seals. Marine Mammal Science, 0, , .	0.9	3
80	Neighbours consistently influence tree growth and survival in a frequently burned open oak landscape. Journal of Ecology, 2022, 110, 1802-1812.	1.9	3
81	Expected adult lifespan in tropical trees: Long-term matrix demography in a large plot. Forest Ecosystems, 2022, 9, 100053.	1.3	3
82	Distribution of Panamaâ€™s narrow-range trees: are there hot-spots?. Forest Ecosystems, 2021, 8, .	1.3	0