Robin Chazdon

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5912725/publications.pdf

Version: 2024-02-01

217 papers	27,679 citations	6613 79 h-index	6471 157 g-index
223 all docs	223 docs citations	223 times ranked	22728 citing authors

#	Article	IF	Citations
1	Models and estimators linking individual-based and sample-based rarefaction, extrapolation and comparison of assemblages. Journal of Plant Ecology, 2012, 5, 3-21.	2.3	1,476
2	A new statistical approach for assessing similarity of species composition with incidence and abundance data. Ecology Letters, 2004, 8, 148-159.	6.4	1,470
3	Beyond Deforestation: Restoring Forests and Ecosystem Services on Degraded Lands. Science, 2008, 320, 1458-1460.	12.6	1,226
4	Tropical forest recovery: legacies of human impact and natural disturbances. Perspectives in Plant Ecology, Evolution and Systematics, 2003, 6, 51-71.	2.7	797
5	Biomass resilience of Neotropical secondary forests. Nature, 2016, 530, 211-214.	27.8	763
6	Prospects for tropical forest biodiversity in a humanâ€modified world. Ecology Letters, 2009, 12, 561-582.	6.4	735
7	Estimation of tropical forest structural characteristics using large-footprint lidar. Remote Sensing of Environment, 2002, 79, 305-319.	11.0	555
8	Photosynthetic Light Environments in a Lowland Tropical Rain Forest in Costa Rica. Journal of Ecology, 1984, 72, 553.	4.0	527
9	The Potential for Species Conservation in Tropical Secondary Forests. Conservation Biology, 2009, 23, 1406-1417.	4.7	489
10	Global priority areas for ecosystem restoration. Nature, 2020, 586, 724-729.	27.8	489
11	Abundance-Based Similarity Indices and Their Estimation When There Are Unseen Species in Samples. Biometrics, 2006, 62, 361-371.	1.4	474
12	Rates of change in tree communities of secondary Neotropical forests following major disturbances. Philosophical Transactions of the Royal Society B: Biological Sciences, 2007, 362, 273-289.	4.0	441
13	Sunflecks and Their Importance to Forest Understorey Plants. Advances in Ecological Research, 1988, 18, 1-63.	2.7	427
14	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. Science Advances, 2016, 2, e1501639.	10.3	423
15	Beyond Reserves: A Research Agenda for Conserving Biodiversity in Humanâ€modified Tropical Landscapes. Biotropica, 2009, 41, 142-153.	1.6	417
16	Multiple successional pathways in human-modified tropical landscapes: new insights from forest succession, forest fragmentation and landscape ecology research. Biological Reviews, 2017, 92, 326-340.	10.4	410
17	Integrating Agricultural Landscapes with Biodiversity Conservation in the Mesoamerican Hotspot. Conservation Biology, 2008, 22, 8-15.	4.7	382
18	The Importance of Sunflecks for Forest Understory Plants. BioScience, 1991, 41, 760-766.	4.9	371

#	Article	IF	Citations
19	Ecological restoration success is higher for natural regeneration than for active restoration in tropical forests. Science Advances, 2017, 3, e1701345.	10.3	360
20	Natural regeneration as a tool for largeâ€scale forest restoration in the tropics: prospects and challenges. Biotropica, 2016, 48, 716-730.	1.6	353
21	When is a forest a forest? Forest concepts and definitions in the era of forest and landscape restoration. Ambio, 2016, 45, 538-550.	5.5	341
22	An estimate of the number of tropical tree species. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7472-7477.	7.1	335
23	SPATIAL HETEROGENEITY OF LIGHT AND WOODY SEEDLING REGENERATION IN TROPICAL WET FORESTS. Ecology, 1999, 80, 1908-1926.	3.2	306
24	Biodiversity recovery of Neotropical secondary forests. Science Advances, 2019, 5, eaau3114.	10.3	291
25	Global restoration opportunities in tropical rainforest landscapes. Science Advances, 2019, 5, eaav3223.	10.3	286
26	Mapping carbon accumulation potential from global natural forest regrowth. Nature, 2020, 585, 545-550.	27.8	278
27	Successional dynamics in Neotropical forests are as uncertain as they are predictable. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8013-8018.	7.1	272
28	A Policyâ€Driven Knowledge Agenda for Global Forest and Landscape Restoration. Conservation Letters, 2017, 10, 125-132.	5.7	265
29	Rapid Recovery of Biomass, Species Richness, and Species Composition in a Forest Chronosequence in Northeastern Costa Rica. Biotropica, 2009, 41, 608-617.	1.6	264
30	Interspecific and intraspecific variation in tree seedling survival: effects of allocation to roots versus carbohydrate reserves. Oecologia, 1999, 121, 1-11.	2.0	263
31	Resilience of tropical rain forests: tree community reassembly in secondary forests. Ecology Letters, 2009, 12, 385-394.	6.4	255
32	FOREST STRUCTURE, CANOPY ARCHITECTURE, AND LIGHT TRANSMITTANCE IN TROPICAL WET FORESTS. Ecology, 2001, 82, 2707-2718.	3.2	249
33	Light gradient partitioning by tropical tree seedlings in the absence of canopy gaps. Oecologia, 2002, 131, 165-174.	2.0	229
34	Photographic estimation of photosynthetically active radiation: evaluation of a computerized technique. Oecologia, 1987, 73, 525-532.	2.0	220
35	Photosynthetic responses to light variation in rainforest species. Oecologia, 1986, 69, 517-523.	2.0	207
36	A novel statistical method for classifying habitat generalists and specialists. Ecology, 2011, 92, 1332-1343.	3.2	203

#	Article	IF	Citations
37	Strategic approaches to restoring ecosystems can triple conservation gains and halve costs. Nature Ecology and Evolution, 2019, 3, 62-70.	7.8	199
38	Restoring forests as a means to many ends. Science, 2019, 365, 24-25.	12.6	197
39	Photosynthetic responses to light variation in rainforest species. Oecologia, 1986, 69, 524-531.	2.0	196
40	Impact of spatial variability of tropical forest structure on radar estimation of aboveground biomass. Remote Sensing of Environment, 2011, 115, 2836-2849.	11.0	191
41	Plant Î²â€diversity in fragmented rain forests: testing floristic homogenization and differentiation hypotheses. Journal of Ecology, 2013, 101, 1449-1458.	4.0	189
42	Structure and floristics of secondary and old-growth forest stands in lowland Costa Rica. Plant Ecology, 1997, 132, 107-120.	1.6	187
43	Photosynthetic Responses of Tropical Forest Plants to Contrasting Light Environments. , 1996, , 5-55.		184
44	Trait similarity, shared ancestry and the structure of neighbourhood interactions in a subtropical wet forest: implications for community assembly. Ecology Letters, 2010, 13, 1503-1514.	6.4	184
45	From Management to Stewardship: Viewing Forests As Complex Adaptive Systems in an Uncertain World. Conservation Letters, 2015, 8, 368-377.	5.7	183
46	Viewing forests through the lens of complex systems science. Ecosphere, 2014, 5, 1-23.	2.2	182
47	Light Variation and Carbon Gain in Rain Forest Understorey Palms. Journal of Ecology, 1986, 74, 995.	4.0	181
48	Quantifying temporal change in biodiversity: challenges and opportunities. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20121931.	2.6	178
49	The relationship between tree biodiversity and biomass dynamics changes with tropical forest succession. Ecology Letters, 2014, 17, 1158-1167.	6.4	173
50	A Twoâ€Stage Probabilistic Approach to Multipleâ€Community Similarity Indices. Biometrics, 2008, 64, 1178-1186.	1.4	168
51	Multidimensional tropical forest recovery. Science, 2021, 374, 1370-1376.	12.6	165
52	Biodiversity conservation in human-modified landscapes of Mesoamerica: Past, present and future. Biological Conservation, 2010, 143, 2301-2313.	4.1	162
53	Trait-mediated assembly processes predict successional changes in community diversity of tropical forests. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5616-5621.	7.1	160
54	COMMUNITY AND PHYLOGENETIC STRUCTURE OF REPRODUCTIVE TRAITS OF WOODY SPECIES IN WET TROPICAL FORESTS. Ecological Monographs, 2003, 73, 331-348.	5.4	152

#	Article	IF	Citations
55	Phylogenetic classification of the worldâ€™s tropical forests. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1837-1842.	7.1	144
56	Spatially robust estimates of biological nitrogen (N) fixation imply substantial human alteration of the tropical N cycle. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8101-8106.	7.1	138
57	Biodiversity and human well-being: an essential link for sustainable development. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20162091.	2.6	137
58	Natural regeneration in the context of largeâ€scale forest and landscape restoration in the tropics. Biotropica, 2016, 48, 709-715.	1.6	127
59	Composition and Dynamics of Functional Groups of Trees During Tropical Forest Succession in Northeastern Costa Rica. Biotropica, 2010, 42, 31-40.	1.6	121
60	Wet and dry tropical forests show opposite successional pathways in wood density but converge over time. Nature Ecology and Evolution, 2019, 3, 928-934.	7.8	120
61	Achieving costâ€effective landscapeâ€scale forest restoration through targeted natural regeneration. Conservation Letters, 2020, 13, e12709.	5.7	120
62	Determinants of photosynthetic capacity in six rainforest Piper species. Oecologia, 1987, 73, 222-230.	2.0	109
63	Aboveground biomass density models for NASAâ€™s Global Ecosystem Dynamics Investigation (GEDI) lidar mission. Remote Sensing of Environment, 2022, 270, 112845.	11.0	108
64	Interacting effects of canopy gap, understory vegetation and leaf litter on tree seedling recruitment and composition in tropical secondary forests. Forest Ecology and Management, 2008, 255, 3716-3725.	3.2	107
65	Legume abundance along successional and rainfall gradients in Neotropical forests. Nature Ecology and Evolution, 2018, 2, 1104-1111.	7.8	107
66	Correlates of extinction proneness in tropical angiosperms. Diversity and Distributions, 2008, 14, 1-10.	4.1	106
67	Demographic drivers of successional changes in phylogenetic structure across lifeâ€history stages in plant communities. Ecology, 2012, 93, S70.	3.2	106
68	Beyond hectares: four principles to guide reforestation in the context of tropical forest and landscape restoration. Restoration Ecology, 2017, 25, 491-496.	2.9	101
69	Fostering natural forest regeneration on former agricultural land through economic and policy interventions. Environmental Research Letters, 2020, 15, 043002.	5.2	100
70	Successional dynamics of woody seedling communities in wet tropical secondary forests. Journal of Ecology, 2005, 93, 1071-1084.	4.0	96
71	Vegetation Structure, Composition, and Species Richness Across a 56-year Chronosequence of Dry Tropical Forest on Providencia Island, Colombia1. Biotropica, 2005, 37, 520-530.	1.6	95
72	Photosynthetic plasticity of two rain forest shrubs across natural gap transects. Oecologia, 1992, 92, 586-595.	2.0	94

#	Article	IF	Citations
73	Ethnobotany of Woody Species in Second-Growth, Old-Growth, and Selectively Logged Forests of Northeastern Costa Rica. Conservation Biology, 1999, 13, 1312-1322.	4.7	94
74	The Costs of Leaf Support in Understory Palms: Economy Versus Safety. American Naturalist, 1986, 127, 9-30.	2.1	92
75	Rain forest nutrient cycling and productivity in response to largeâ€scale litter manipulation. Ecology, 2009, 90, 109-121.	3.2	92
76	Vulnerability and Resilience of Tropical Forest Species to Landâ€Use Change. Conservation Biology, 2009, 23, 1438-1447.	4.7	90
77	Photosynthetic Utilization of Sunflecks: A Temporally Patchy Resource on a Time Scale of Seconds to Minutes. , 1994, , 175-208.		89
78	Phylogenetic community structure during succession: Evidence from three Neotropical forest sites. Perspectives in Plant Ecology, Evolution and Systematics, 2012, 14, 79-87.	2.7	89
79	Species Richness, Spatial Variation, and Abundance of the Soil Seed Bank of a Secondary Tropical Rain Forest1. Biotropica, 1998, 30, 214-222.	1.6	88
80	Environmental filtering, local site factors and landscape context drive changes in functional trait composition during tropical forest succession. Perspectives in Plant Ecology, Evolution and Systematics, 2017, 24, 37-47.	2.7	88
81	EFFECTS OF CLIMATE AND STAND AGE ON ANNUAL TREE DYNAMICS IN TROPICAL SECOND-GROWTH RAIN FORESTS. Ecology, 2005, 86, 1808-1815.	3.2	87
82	Degradation and Recovery in Changing Forest Landscapes: A Multiscale Conceptual Framework. Annual Review of Environment and Resources, 2017, 42, 161-188.	13.4	85
83	Landscape Restoration, Natural Regeneration, and the Forests of the Future. Annals of the Missouri Botanical Garden, 2017, 102, 251-257.	1.3	84
84	Genetic Consequences of Tropical Second-Growth Forest Regeneration. Science, 2005, 307, 891-891.	12.6	83
85	A landscape approach for costâ€effective largeâ€scale forest restoration. Journal of Applied Ecology, 2018, 55, 2767-2778.	4.0	82
86	Lianas and self-supporting plants during tropical forest succession. Forest Ecology and Management, 2009, 257, 2150-2156.	3.2	81
87	Monitoring the structure of forest restoration plantations with a drone-lidar system. International Journal of Applied Earth Observation and Geoinformation, 2019, 79, 192-198.	2.8	81
88	LEAF DISPLAY, CANOPY STRUCTURE, AND LIGHT INTERCEPTION OF TWO UNDERSTORY PALM SPECIES. American Journal of Botany, 1985, 72, 1493-1502.	1.7	80
89	Land cover dynamics following a deforestation ban in northern Costa Rica. Environmental Research Letters, 2013, 8, 034017.	5.2	80
90	Panâ€tropical prediction of forest structure from the largest trees. Global Ecology and Biogeography, 2018, 27, 1366-1383.	5.8	78

#	Article	IF	Citations
91	Small Tentâ€Roosting Bats Promote Dispersal of Largeâ€Seeded Plants in a Neotropical Forest. Biotropica, 2009, 41, 737-743.	1.6	75
92	Adding forests to the waterâ€“energyâ€“food nexus. Nature Sustainability, 2021, 4, 85-92.	23.7	74
93	Inner-crown Microenvironments of Two Emergent Tree Species in a Lowland Wet Forest1. Biotropica, 2005, 37, 238-244.	1.6	71
94	Unveiling the speciesâ€rank abundance distribution by generalizing the Goodâ€Turing sample coverage theory. Ecology, 2015, 96, 1189-1201.	3.2	70
95	The effectiveness of lidar remote sensing for monitoring forest cover attributes and landscape restoration. Forest Ecology and Management, 2019, 438, 34-43.	3.2	70
96	Long-Term Effects of Forest Regrowth and Selective Logging on the Seed Bank of Tropical Forests in NE Costa Rica1.. Biotropica, 1998, 30, 223-237.	1.6	69
97	Higher survival drives the success of nitrogenâ€fixing trees through succession in Costa Rican rainforests. New Phytologist, 2016, 209, 965-977.	7.3	69
98	Ecological Aspects of the Distribution of C 4 Grasses in Selected Habitats of Costa Rica. Biotropica, 1978, 10, 265.	1.6	68
99	Demographic drivers of tree biomass change during secondary succession in northeastern Costa Rica. Ecological Applications, 2015, 25, 506-516.	3.8	68
100	Whither the forest transition? Climate change, policy responses, and redistributed forests in the twenty-first century. Ambio, 2020, 49, 74-84.	5.5	68
101	A bounded null model explains juvenile tree community structure along light availability gradients in a temperate rain forest. Oikos, 2006, 112, 131-137.	2.7	62
102	A traitâ€mediated, neighbourhood approach to quantify climate impacts on successional dynamics of tropical rainforests. Functional Ecology, 2016, 30, 157-167.	3.6	61
103	Monitoring restored tropical forest diversity and structure through UAV-borne hyperspectral and lidar fusion. Remote Sensing of Environment, 2021, 264, 112582.	11.0	61
104	Radial changes in wood specific gravity of tropical trees: interâ€and intraspecific variation during secondary succession. Functional Ecology, 2015, 29, 111-120.	3.6	60
105	Maximizing biodiversity conservation and carbon stocking in restored tropical forests. Conservation Letters, 2018, 11, e12454.	5.7	59
106	Mapping Species Composition of Forests and Tree Plantations in Northeastern Costa Rica with an Integration of Hyperspectral and Multitemporal Landsat Imagery. Remote Sensing, 2015, 7, 5660-5696.	4.0	57
107	Patterns of genotypic variation and phenotypic plasticity of light response in two tropical Piper (Piperaceae) species. American Journal of Botany, 1997, 84, 1542-1552.	1.7	56
108	Contrasting community compensatory trends in alternative successional pathways in central Amazonia. Oikos, 2011, 120, 143-151.	2.7	56

#	Article	IF	Citations
109	Remnant Trees Affect Species Composition but Not Structure of Tropical Second-Growth Forest. PLoS ONE, 2014, 9, e83284.	2.5	55
110	Effects of Leaf and Ramet Removal on Growth and Reproduction of Geonoma Congesta, A Clonal Understorey Palm. Journal of Ecology, 1991, 79, 1137.	4.0	52
111	Effects of vegetation cover on seedling and sapling dynamics in secondary tropical wet forests in Costa Rica. Journal of Tropical Ecology, 2006, 22, 65-76.	1.1	52
112	Nitrogen-fixing trees inhibit growth of regenerating Costa Rican rainforests. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8817-8822.	7.1	52
113	Patterns of Growth and Reproduction of Geonoma congesta, a Clustered Understory Palm. Biotropica, 1992, 24, 43.	1.6	51
114	Exotic eucalypts: From demonized trees to allies of tropical forest restoration?. Journal of Applied Ecology, 2020, 57, 55-66.	4.0	51
115	Rapid assessment of understory light availability in a wet tropical forest. Agricultural and Forest Meteorology, 2004, 123, 177-185.	4.8	50
116	Decomposing biodiversity data using the Latent Dirichlet Allocation model, a probabilistic multivariate statistical method. Ecology Letters, 2014, 17, 1591-1601.	6.4	50
117	Environmental gradients and the evolution of successional habitat specialization: a test case with 14 Neotropical forest sites. Journal of Ecology, 2015, 103, 1276-1290.	4.0	50
118	Using Lidar and Radar measurements to constrain predictions of forest ecosystem structure and function. , 2011, 21, 1120-1137.		49
119	The drivers of tree cover expansion: Global, temperate, and tropical zone analyses. Land Use Policy, 2016, 58, 502-513.	5.6	48
120	Incorporating natural regeneration in forest landscape restoration in tropical regions: synthesis and key research gaps. Biotropica, 2016, 48, 915-924.	1.6	47
121	Tropical Forest Plant Ecophysiology.. Ecology, 1997, 78, 965.	3.2	46
122	MULTIGENERATIONAL GENETIC ANALYSIS OF TROPICAL SECONDARY REGENERATION IN A CANOPY PALM. Ecology, 2007, 88, 3065-3075.	3.2	45
123	Look downâ€"there is a gapâ€"the need to include soil data in Atlantic Forest restoration. Restoration Ecology, 2019, 27, 361-370.	2.9	45
124	Landscape-Scale Controls on Aboveground Forest Carbon Stocks on the Osa Peninsula, Costa Rica. PLoS ONE, 2015, 10, e0126748.	2.5	45
125	Light-dependent seedling survival and growth of four tree species in Costa Rican second-growth rain forests. Journal of Tropical Ecology, 2005, 21, 383-395.	1.1	44
126	Successional dynamics of nitrogen fixation and forest growth in regenerating Costa Rican rainforests. Ecology, 2019, 100, e02637.	3.2	44

#	Article	IF	Citations
127	Sexes show contrasting patterns of leaf and crown carbon gain in a dioecious rainforest shrub. American Journal of Botany, 2003, 90, 347-355.	1.7	43
128	Leaf Display, Canopy Structure, and Light Interception of Two Understory Palm Species. American Journal of Botany, 1985, 72, 1493.	1.7	41
129	The potential of secondary forests. Science, 2015, 348, 642-643.	12.6	41
130	Key challenges for governing forest and landscape restoration across different contexts. Land Use Policy, 2021, 104, 104854.	5.6	39
131	The political ecology playbook for ecosystem restoration: Principles for effective, equitable, and transformative landscapes. Global Environmental Change, 2021, 70, 102320.	7.8	39
132	INTERACTIONS BETWEEN CROWN STRUCTURE AND LIGHT ENVIRONMENT IN FIVE RAIN FOREST PIPER SPECIES. American Journal of Botany, 1988, 75, 1459-1471.	1.7	38
133	PLANT SIZE AND FORM IN THE UNDERSTORY PALM GENUS GEONOMA: ARE SPECIES VARIATIONS ON A THEME?. American Journal of Botany, 1991, 78, 680-694.	1.7	37
134	Effects of canopy species dominance on understorey light availability in low-elevation secondary forest stands in Costa Rica. Journal of Tropical Ecology, 1996, 12, 779-788.	1.1	37
135	Demographic Drivers of Aboveground Biomass Dynamics During Secondary Succession in Neotropical Dry and Wet Forests. Ecosystems, 2017, 20, 340-353.	3.4	37
136	The intervention continuum in restoration ecology: rethinking the activeâ€“passive dichotomy. Restoration Ecology, 0, , e13535.	2.9	36
137	Proximity is not a proxy for parentage in an animal-dispersed Neotropical canopy palm. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 2037-2044.	2.6	35
138	Early ecological outcomes of natural regeneration and tree plantations for restoring agricultural landscapes. Ecological Applications, 2018, 28, 373-384.	3.8	35
139	Co-Creating Conceptual and Working Frameworks for Implementing Forest and Landscape Restoration Based on Core Principles. Forests, 2020, 11, 706.	2.1	35
140	Functional recovery of secondary tropical forests. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	34
141	Interactions between Crown Structure and Light Environment in Five Rain Forest Piper Species. American Journal of Botany, 1988, 75, 1459.	1.7	33
142	The forest transformation: Planted tree cover and regional dynamics of tree gains and losses. Global Environmental Change, 2019, 59, 101988.	7.8	33
143	Throughfall heterogeneity in tropical forested landscapes as a focal mechanism for deep percolation. Journal of Hydrology, 2014, 519, 2180-2188.	5.4	32
144	Towards more effective integration of tropical forest restoration and conservation. Biotropica, 2019, 51, 463-472.	1.6	31

#	Article	IF	Citations
145	Evaluating the potential of fullâ€waveform lidar for mapping panâ€tropical tree species richness. Global Ecology and Biogeography, 2020, 29, 1799-1816.	5.8	31
146	Forest and Landscape Restoration: A Review Emphasizing Principles, Concepts, and Practices. Land, 2021, 10, 28.	2.9	31
147	Recovery of species composition over 46â€¯years in a logged Australian tropical forest following different intensity silvicultural treatments. Forest Ecology and Management, 2018, 409, 660-666.	3.2	29
148	Making Tropical Succession and Landscape Reforestation Successful. Journal of Sustainable Forestry, 2013, 32, 649-658.	1.4	28
149	Forest and landscape restoration: Toward a shared vision and vocabulary. American Journal of Botany, 2016, 103, 1869-1871.	1.7	28
150	Targeted reforestation could reverse declines in connectivity for understory birds in a tropical habitat corridor. Ecological Applications, 2016, 26, 1456-1474.	3.8	26
151	Achieving Quality Forest and Landscape Restoration in the Tropics. Forests, 2020, 11, 820.	2.1	25
152	Opposing mechanisms affect taxonomic convergence between tree assemblages during tropical forest succession. Ecology Letters, 2017, 20, 1448-1458.	6.4	24
153	A new approach to map landscape variation in forest restoration success in tropical and temperate forest biomes. Journal of Applied Ecology, 2019, 56, 2675-2686.	4.0	24
154	Upscaling tropical restoration to deliver environmental benefits and socially equitable outcomes. Current Biology, 2021, 31, R1326-R1341.	3.9	24
155	Detecting successional changes in tropical forest structure using GatorEye droneâ€borne lidar. Biotropica, 2020, 52, 1155-1167.	1.6	22
156	Life History Traits of Lianas During Tropical Forest Succession. Biotropica, 2012, 44, 720-727.	1.6	21
157	Protecting intact forests requires holistic approaches. Nature Ecology and Evolution, 2018, 2, 915-915.	7.8	21
158	Conceptualising the Global Forest Response to Liana Proliferation. Frontiers in Forests and Global Change, 2020, 3, .	2.3	21
159	It is not just about time: Agricultural practices and surrounding forest cover affect secondary forest recovery in agricultural landscapes. Biotropica, 2021, 53, 496-508.	1.6	21
160	Seasonally Dry Tropical Forest Biodiversity and Conservation Value in Agricultural Landscapes of Mesoamerica. , 2011, , 195-219.		20
161	Phenotypic plasticity and local adaptation favor range expansion of a Neotropical palm. Ecology and Evolution, 2018, 8, 7462-7475.	1.9	20
162	Soil nitrogen concentration mediates the relationship between leguminous trees and neighbor diversity in tropical forests. Communications Biology, 2020, 3, 317.	4.4	20

#	Article	IF	Citations
163	Ecological outcomes of agroforests and restoration 15â€‰years after planting. Restoration Ecology, 2020, 28, 1135-1144.	2.9	19
164	People, primates and predators in the Pontal: from endangered species conservation to forest and landscape restoration in Brazil's Atlantic Forest. Royal Society Open Science, 2020, 7, 200939.	2.4	19
165	solarcalc 7.0: An enhanced version of a program for the analysis of hemispherical canopy photographs. Computers and Electronics in Agriculture, 2013, 97, 15-20.	7.7	18
166	Resilience and Alternative Stable States of Tropical Forest Landscapes under Shifting Cultivation Regimes. PLoS ONE, 2015, 10, e0137497.	2.5	18
167	Associations between socioâ€environmental factors and landscapeâ€scale biodiversity recovery in naturally regenerating tropical and subtropical forests. Conservation Letters, 2021, 14, e12768.	5.7	18
168	Plant Size and Form in the Understory Palm Genus Geonoma: Are Species Variations on a Theme?. American Journal of Botany, 1991, 78, 680.	1.7	17
169	Ecological, behavioural and nutritional factors influencing use of palms as host plants by a Neotropical forest grasshopper. Journal of Tropical Ecology, 1993, 9, 183-197.	1.1	17
170	Deciphering the enigma of undetected species, phylogenetic, and functional diversity based on Goodâ€Turing theory. Ecology, 2017, 98, 2914-2929.	3.2	17
171	Manila Declaration on Forest and Landscape Restoration: Making It Happen. Forests, 2020, 11, 685.	2.1	17
172	Variations of leaf eco-physiological traits in relation to environmental factors during forest succession. Ecological Indicators, 2020, 117, 106511.	6.3	16
173	Ecological restoration increases conservation of taxonomic and functional beta diversity of woody plants in a tropical fragmented landscape. Forest Ecology and Management, 2019, 451, 117538.	3.2	15
174	Forest Structure, Canopy Architecture, and Light Transmittance in Tropical Wet Forests. Ecology, 2001, 82, 2707.	3.2	15
175	Above-ground biomass recovery following logging and thinning over 46Âyears in an Australian tropical forest. Science of the Total Environment, 2020, 734, 139098.	8.0	14
176	The cost of restoring carbon stocks in Brazil's Atlantic Forest. Land Degradation and Development, 2021, 32, 830-841.	3.9	14
177	Spatial heterogeneity in tropical forest structure: canopy palms as landscape mosaics. Trends in Ecology and Evolution, 1996, 11, 8-9.	8.7	13
178	Patterns of genotypic variation and phenotypic plasticity of light response in two tropical Piper (Piperaceae) species. American Journal of Botany, 1997, 84, 1542.	1.7	13
179	Detecting landscape-level changes in tree biomass and biodiversity: methodological constraints and challenges of plot-based approaches. Canadian Journal of Forest Research, 2013, 43, 799-808.	1.7	12
180	Soil Fungal Community Composition Correlates with Site-Specific Abiotic Factors, Tree Community Structure, and Forest Age in Regenerating Tropical Rainforests. Biology, 2021, 10, 1120.	2.8	12

#	Article	IF	Citations
181	Historical Patterns of Natural Forest Management in Costa Rica: The Good, the Bad and the Ugly. Forests, 2014, 5, 1777-1797.	2.1	11
182	Juvenile tree growth in relation to light availability in second-growth tropical rain forests. Journal of Tropical Ecology, 2006, 22, 223-226.	1.1	10
183	Forests: when natural regeneration is unrealistic. Nature, 2019, 570, 164-164.	27.8	10
184	Silvicultural treatment effects on commercial timber volume and functional composition of a selectively logged Australian tropical forest over 48Âyears. Forest Ecology and Management, 2020, 457, 117690.	3.2	10
185	Using leading and lagging indicators for forest restoration. Journal of Applied Ecology, 2021, 58, 1806-1812.	4.0	10
186	Strong floristic distinctiveness across Neotropical successional forests. Science Advances, 2022, 8, .	10.3	10
187	Tree growth and death in a tropical gallery forest in Brazil: understanding the relationships among size, growth, and survivorship for understory and canopy dominant species. Plant Ecology, 2012, 213, 1081-1092.	1.6	9
188	Diversidad y estructura horizontal en los bosques tropicales del Corredor BiolÃ³gico de Osa, Costa Rica. Revista Forestal Mesoamericana KurÃº, 2012, 9, 19.	0.1	8
189	Litter dynamics recover faster than arthropod biodiversity during tropical forest succession. Biotropica, 2020, 52, 22-33.	1.6	7
190	Seedâ€rainâ€“successional feedbacks in wet tropical forests. Ecology, 2021, 102, e03362.	3.2	7
191	Photosynthetic Utilization of Lightflecks by Tropical Forest Plants. , 1987, , 257-260.		7
192	Tropical Forest Regeneration. , 2013, , 277-286.		6
193	Successional variation in carbon content and wood specific gravity of four tropical tree species. Bosque, 2013, 34, 9-10.	0.3	6
194	Corrigendum to â€œThe relationship between tree biodiversity and biomass dynamics changes with tropical forest successionâ€• Ecology Letters, 2014, 17, 1478-1478.	6.4	6
195	Effects of fragmentation and landscape variation on tree diversity in post-logging regrowth forests of the Southern Philippines. Biodiversity and Conservation, 2016, 25, 923-941.	2.6	6
196	Creating a culture of caretaking through restoring ecosystems and landscapes. One Earth, 2020, 3, 653-656.	6.8	6
197	Long-term growth responses of three Flindersia species to different thinning intensities after selective logging of a tropical rainforest. Forest Ecology and Management, 2020, 476, 118442.	3.2	5
198	Thinking outside the plot: monitoring forest biodiversity for social-ecological research. Ecology and Society, 2020, 25, .	2.3	5

#	Article	IF	Citations
199	Reply to: Restoration prioritization must be informed by marginalized people. Nature, 2022, 607, E7-E9.	27.8	5
200	Chronosequence predictions are robust in a Neotropical secondary forest, but plots miss the mark. Global Change Biology, 2018, 24, 933-943.	9.5	4
201	Biomasa sobre el suelo y carbono orgÃ¡nico en el suelo en cuatro estadios de sucesiÃ³n de bosques en la PenÃnsula de Osa, Costa Rica. Revista Forestal Mesoamericana KurÃº, 2012, 9, 22.	0.1	4
202	Predicting landscapeâ€scale biodiversity recovery by natural tropical forest regrowth. Conservation Biology, 2021, , .	4.7	4
203	Restoring Tropical Forests: A Practical Guide. Ecological Restoration, 2015, 33, 118-119.	0.5	3
204	Drivers of soil microbial community assembly during recovery from selective logging and clearâ€cutting. Journal of Applied Ecology, 2021, 58, 2231-2242.	4.0	3
205	Estructura, composiciÃ³n y diversidad vegetal en bosques tropicales del Corredor BiolÃ³gico Osa, Costa Rica. Revista Forestal Mesoamericana KurÃº, 2013, 10, 1.	0.1	3
206	Forest and landscape restoration monitoring frameworks: how principled are they?. Restoration Ecology, 0, , 13572.	2.9	3
207	* Effects of Human Activities on Successional Pathways. , 2014, , 129-140.		2
208	A tropical rain forest feast. Trends in Ecology and Evolution, 1998, 13, 421-422.	8.7	1
209	Inconvenient realities and the path toward scienceâ€based forest restoration policies: A reply to Veldman et al.. American Journal of Botany, 2017, 104, 652-653.	1.7	1
210	Methods and Instruments for Plant Ecophysiology. Ecology, 1990, 71, 828-829.	3.2	0
211	Bridging the Gap Between Rain Forest Regeneration and Management. Ecology, 1991, 72, 1520-1521.	3.2	0
212	An Ecological Perspective on Climbing Plants. Ecology, 1992, 73, 2337-2338.	3.2	0
213	Editorial: All in a Day's Work. Biotropica, 2006, 38, 709-710.	1.6	0
214	Restoring Forests, Livelihoods, and Resilience in Tropical Landscapes. Biotropica, 2011, 43, 764-764.	1.6	0
215	A proposal to advance theory and promote collaboration in tropical biology by supporting replications. Biotropica, 2021, 53, 6-10.	1.6	0
216	Response to â€œWithering the coloniality of the forest transition?â€. Ambio, 2021, 50, 1765-1766.	5.5	0

#	Article	IF	Citations
217	Assessing Recovery Following Selective Logging of Lowland Tropical Forests Based on Hyperspectral Imagery. , 2008, , 193-212.		0