

Robin Chazdon

List of Publications by Citations

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211
papers

20,495
citations

71
h-index

141
g-index

223
ext. papers

23,880
ext. citations

7.1
avg. IF

7.29
L-index

#	Paper	IF	Citations
211	A new statistical approach for assessing similarity of species composition with incidence and abundance data. <i>Ecology Letters</i> , 2004 , 8, 148-159	10	1205
210	Models and estimators linking individual-based and sample-based rarefaction, extrapolation and comparison of assemblages. <i>Journal of Plant Ecology</i> , 2012 , 5, 3-21	1.7	1156
209	Beyond deforestation: restoring forests and ecosystem services on degraded lands. <i>Science</i> , 2008 , 320, 1458-60	33.3	1015
208	Tropical forest recovery: legacies of human impact and natural disturbances. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2003 , 6, 51-71	3	634
207	Prospects for tropical forest biodiversity in a human-modified world. <i>Ecology Letters</i> , 2009 , 12, 561-82	10	602
206	Biomass resilience of Neotropical secondary forests. <i>Nature</i> , 2016 , 530, 211-4	50.4	557
205	Estimation of tropical forest structural characteristics using large-footprint lidar. <i>Remote Sensing of Environment</i> , 2002 , 79, 305-319	13.2	455
204	Photosynthetic Light Environments in a Lowland Tropical Rain Forest in Costa Rica. <i>Journal of Ecology</i> , 1984 , 72, 553	6	400
203	The potential for species conservation in tropical secondary forests. <i>Conservation Biology</i> , 2009 , 23, 1406-17	6.17	399
202	Abundance-based similarity indices and their estimation when there are unseen species in samples. <i>Biometrics</i> , 2006 , 62, 361-71	1.8	377
201	Rates of change in tree communities of secondary Neotropical forests following major disturbances. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007 , 362, 273-89	5.8	363
200	Beyond Reserves: A Research Agenda for Conserving Biodiversity in Human-modified Tropical Landscapes. <i>Biotropica</i> , 2009 , 41, 142-153	2.3	346
199	Second Growth 2014 ,		331
198	Integrating agricultural landscapes with biodiversity conservation in the Mesoamerican hotspot. <i>Conservation Biology</i> , 2008 , 22, 8-15	6	321
197	Sunflecks and Their Importance to Forest Understorey Plants. <i>Advances in Ecological Research</i> , 1988 , 18, 1-63	4.6	296
196	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. <i>Science Advances</i> , 2016 , 2, e1501639	14.3	289
195	The Importance of Sunflecks for Forest Understorey Plants. <i>BioScience</i> , 1991 , 41, 760-766	5.7	289

194	SPATIAL HETEROGENEITY OF LIGHT AND WOODY SEEDLING REGENERATION IN TROPICAL WET FORESTS. <i>Ecology</i> , 1999 , 80, 1908-1926	4.6	277
193	Multiple successional pathways in human-modified tropical landscapes: new insights from forest succession, forest fragmentation and landscape ecology research. <i>Biological Reviews</i> , 2017 , 92, 326-340	13.5	272
192	An estimate of the number of tropical tree species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 7472-7	11.5	258
191	When is a forest a forest? Forest concepts and definitions in the era of forest and landscape restoration. <i>Ambio</i> , 2016 , 45, 538-50	6.5	246
190	Interspecific and intraspecific variation in tree seedling survival: effects of allocation to roots versus carbohydrate reserves. <i>Oecologia</i> , 1999 , 121, 1-11	2.9	240
189	Natural regeneration as a tool for large-scale forest restoration in the tropics: prospects and challenges. <i>Biotropica</i> , 2016 , 48, 716-730	2.3	227
188	Ecological restoration success is higher for natural regeneration than for active restoration in tropical forests. <i>Science Advances</i> , 2017 , 3, e1701345	14.3	222
187	Rapid Recovery of Biomass, Species Richness, and Species Composition in a Forest Chronosequence in Northeastern Costa Rica. <i>Biotropica</i> , 2009 , 41, 608-617	2.3	217
186	Resilience of tropical rain forests: tree community reassembly in secondary forests. <i>Ecology Letters</i> , 2009 , 12, 385-94	10	213
185	Successional dynamics in Neotropical forests are as uncertain as they are predictable. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 8013-8	11.5	206
184	FOREST STRUCTURE, CANOPY ARCHITECTURE, AND LIGHT TRANSMITTANCE IN TROPICAL WET FORESTS. <i>Ecology</i> , 2001 , 82, 2707-2718	4.6	206
183	Light gradient partitioning by tropical tree seedlings in the absence of canopy gaps. <i>Oecologia</i> , 2002 , 131, 165-174	2.9	203
182	A Policy-Driven Knowledge Agenda for Global Forest and Landscape Restoration. <i>Conservation Letters</i> , 2017 , 10, 125-132	6.9	201
181	Photographic estimation of photosynthetically active radiation: evaluation of a computerized technique. <i>Oecologia</i> , 1987 , 73, 525-532	2.9	197
180	Global priority areas for ecosystem restoration. <i>Nature</i> , 2020 , 586, 724-729	50.4	175
179	Global restoration opportunities in tropical rainforest landscapes. <i>Science Advances</i> , 2019 , 5, eaav3223	14.3	172
178	Photosynthetic responses to light variation in rainforest species : I. Induction under constant and fluctuating light conditions. <i>Oecologia</i> , 1986 , 69, 517-523	2.9	168
177	Structure and floristics of secondary and old-growth forest stands in lowland Costa Rica. <i>Plant Ecology</i> , 1997 , 132, 107-120	1.7	166

176	Photosynthetic responses to light variation in rainforest species : II. Carbon gain and photosynthetic efficiency during lightflecks. <i>Oecologia</i> , 1986 , 69, 524-531	2.9	164
175	Biodiversity recovery of Neotropical secondary forests. <i>Science Advances</i> , 2019 , 5, eaau3114	14.3	161
174	Trait similarity, shared ancestry and the structure of neighbourhood interactions in a subtropical wet forest: implications for community assembly. <i>Ecology Letters</i> , 2010 , 13, 1503-14	10	155
173	Impact of spatial variability of tropical forest structure on radar estimation of aboveground biomass. <i>Remote Sensing of Environment</i> , 2011 , 115, 2836-2849	13.2	154
172	A two-stage probabilistic approach to multiple-community similarity indices. <i>Biometrics</i> , 2008 , 64, 1178-868	8.6	144
171	Light Variation and Carbon Gain in Rain Forest Understorey Palms. <i>Journal of Ecology</i> , 1986 , 74, 995	6	141
170	From Management to Stewardship: Viewing Forests As Complex Adaptive Systems in an Uncertain World. <i>Conservation Letters</i> , 2015 , 8, 368-377	6.9	140
169	Viewing forests through the lens of complex systems science. <i>Ecosphere</i> , 2014 , 5, art1	3.1	140
168	Plant Diversity in fragmented rain forests: testing floristic homogenization and differentiation hypotheses. <i>Journal of Ecology</i> , 2013 , 101, 1449-1458	6	138
167	Quantifying temporal change in biodiversity: challenges and opportunities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20121931	4.4	137
166	COMMUNITY AND PHYLOGENETIC STRUCTURE OF REPRODUCTIVE TRAITS OF WOODY SPECIES IN WET TROPICAL FORESTS. <i>Ecological Monographs</i> , 2003 , 73, 331-348	9	133
165	The relationship between tree biodiversity and biomass dynamics changes with tropical forest succession. <i>Ecology Letters</i> , 2014 , 17, 1158-67	10	130
164	A novel statistical method for classifying habitat generalists and specialists. <i>Ecology</i> , 2011 , 92, 1332-43	4.6	130
163	Spatially robust estimates of biological nitrogen (N) fixation imply substantial human alteration of the tropical N cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 8101-6	11.5	122
162	Biodiversity conservation in human-modified landscapes of Mesoamerica: Past, present and future. <i>Biological Conservation</i> , 2010 , 143, 2301-2313	6.2	122
161	Strategic approaches to restoring ecosystems can triple conservation gains and halve costs. <i>Nature Ecology and Evolution</i> , 2019 , 3, 62-70	12.3	118
160	Trait-mediated assembly processes predict successional changes in community diversity of tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 5616-21	11.5	116
159	Photosynthetic Responses of Tropical Forest Plants to Contrasting Light Environments 1996 , 5-55		116

158	Restoring forests as a means to many ends. <i>Science</i> , 2019 , 365, 24-25	33.3	111
157	Phylogenetic classification of the world's tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 1837-1842	11.5	107
156	Mapping carbon accumulation potential from global natural forest regrowth. <i>Nature</i> , 2020 , 585, 545-550	50.4	104
155	Determinants of photosynthetic capacity in six rainforest Piper species. <i>Oecologia</i> , 1987 , 73, 222-230	2.9	97
154	Demographic drivers of successional changes in phylogenetic structure across life-history stages in plant communities. <i>Ecology</i> , 2012 , 93, S70-S82	4.6	91
153	Biodiversity and human well-being: an essential link for sustainable development. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283,	4.4	89
152	Ethnobotany of Woody Species in Second-Growth, Old-Growth, and Selectively Logged Forests of Northeastern Costa Rica. <i>Conservation Biology</i> , 1999 , 13, 1312-1322	6	88
151	Natural regeneration in the context of large-scale forest and landscape restoration in the tropics. <i>Biotropica</i> , 2016 , 48, 709-715	2.3	87
150	Photosynthetic plasticity of two rain forest shrubs across natural gap transects. <i>Oecologia</i> , 1992 , 92, 586-595	2.9	87
149	Composition and Dynamics of Functional Groups of Trees During Tropical Forest Succession in Northeastern Costa Rica. <i>Biotropica</i> , 2010 , 42, 31-40	2.3	85
148	Vegetation Structure, Composition, and Species Richness Across a 56-year Chronosequence of Dry Tropical Forest on Providencia Island, Colombia ¹ . <i>Biotropica</i> , 2005 , 37, 520-530	2.3	83
147	Correlates of extinction proneness in tropical angiosperms. <i>Diversity and Distributions</i> , 2008 , 14, 1-10	5	82
146	The Costs of Leaf Support in Understory Palms: Economy Versus Safety. <i>American Naturalist</i> , 1986 , 127, 9-30	3.7	81
145	Interacting effects of canopy gap, understory vegetation and leaf litter on tree seedling recruitment and composition in tropical secondary forests. <i>Forest Ecology and Management</i> , 2008 , 255, 3716-3725	3.9	76
144	Successional dynamics of woody seedling communities in wet tropical secondary forests. <i>Journal of Ecology</i> , 2005 , 93, 1071-1084	6	76
143	Rain forest nutrient cycling and productivity in response to large-scale litter manipulation. <i>Ecology</i> , 2009 , 90, 109-21	4.6	75
142	Phylogenetic community structure during succession: Evidence from three Neotropical forest sites. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2012 , 14, 79-87	3	72
141	Beyond hectares: four principles to guide reforestation in the context of tropical forest and landscape restoration. <i>Restoration Ecology</i> , 2017 , 25, 491-496	3.1	71

140	Lianas and self-supporting plants during tropical forest succession. <i>Forest Ecology and Management</i> , 2009 , 257, 2150-2156	3.9	71
139	Legume abundance along successional and rainfall gradients in Neotropical forests. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1104-1111	12.3	71
138	Wet and dry tropical forests show opposite successional pathways in wood density but converge over time. <i>Nature Ecology and Evolution</i> , 2019 , 3, 928-934	12.3	70
137	EFFECTS OF CLIMATE AND STAND AGE ON ANNUAL TREE DYNAMICS IN TROPICAL SECOND-GROWTH RAIN FORESTS. <i>Ecology</i> , 2005 , 86, 1808-1815	4.6	70
136	Genetic consequences of tropical second-growth forest regeneration. <i>Science</i> , 2005 , 307, 891	33.3	69
135	LEAF DISPLAY, CANOPY STRUCTURE, AND LIGHT INTERCEPTION OF TWO UNDERSTORY PALM SPECIES. <i>American Journal of Botany</i> , 1985 , 72, 1493-1502	2.7	69
134	Land cover dynamics following a deforestation ban in northern Costa Rica. <i>Environmental Research Letters</i> , 2013 , 8, 034017	6.2	67
133	Photosynthetic Utilization of Sunflecks: A Temporally Patchy Resource on a Time Scale of Seconds to Minutes 1994 , 175-208		67
132	Species Richness, Spatial Variation, and Abundance of the Soil Seed Bank of a Secondary Tropical Rain Forest1. <i>Biotropica</i> , 1998 , 30, 214-222	2.3	66
131	Vulnerability and resilience of tropical forest species to land-use change. <i>Conservation Biology</i> , 2009 , 23, 1438-47	6	65
130	Small Tent-Roosting Bats Promote Dispersal of Large-Seeded Plants in a Neotropical Forest. <i>Biotropica</i> , 2009 , 41, 737-743	2.3	61
129	Degradation and Recovery in Changing Forest Landscapes: A Multiscale Conceptual Framework. <i>Annual Review of Environment and Resources</i> , 2017 , 42, 161-188	17.2	60
128	Environmental filtering, local site factors and landscape context drive changes in functional trait composition during tropical forest succession. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2017 , 24, 37-47	3	59
127	Monitoring the structure of forest restoration plantations with a drone-lidar system. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019 , 79, 192-198	7.3	59
126	Inner-crown Microenvironments of Two Emergent Tree Species in a Lowland Wet Forest1. <i>Biotropica</i> , 2005 , 37, 238-244	2.3	58
125	Ecological Aspects of the Distribution of C 4 Grasses in Selected Habitats of Costa Rica. <i>Biotropica</i> , 1978 , 10, 265	2.3	57
124	Higher survival drives the success of nitrogen-fixing trees through succession in Costa Rican rainforests. <i>New Phytologist</i> , 2016 , 209, 965-77	9.8	57
123	Demographic drivers of tree biomass change during secondary succession in northeastern Costa Rica 2015 , 25, 506-16		55

122	Landscape Restoration, Natural Regeneration, and the Forests of the Future. <i>Annals of the Missouri Botanical Garden</i> , 2017 , 102, 251-257	1.8	55
121	Long-Term Effects of Forest Regrowth and Selective Logging on the Seed Bank of Tropical Forests in NE Costa Rica1.. <i>Biotropica</i> , 1998 , 30, 223-237	2.3	55
120	A landscape approach for cost-effective large-scale forest restoration. <i>Journal of Applied Ecology</i> , 2018 , 55, 2767-2778	5.8	55
119	Achieving cost-effective landscape-scale forest restoration through targeted natural regeneration. <i>Conservation Letters</i> , 2020 , 13, e12709	6.9	53
118	Pan-tropical prediction of forest structure from the largest trees. <i>Global Ecology and Biogeography</i> , 2018 , 27, 1366-1383	6.1	52
117	Contrasting community compensatory trends in alternative successional pathways in central Amazonia. <i>Oikos</i> , 2011 , 120, 143-151	4	51
116	Fostering natural forest regeneration on former agricultural land through economic and policy interventions. <i>Environmental Research Letters</i> , 2020 , 15, 043002	6.2	50
115	A bounded null model explains juvenile tree community structure along light availability gradients in a temperate rain forest. <i>Oikos</i> , 2006 , 112, 131-137	4	50
114	Unveiling the species-rank abundance distribution by generalizing the Good-Turing sample coverage theory. <i>Ecology</i> , 2015 , 96, 1189-201	4.6	49
113	A trait-mediated, neighbourhood approach to quantify climate impacts on successional dynamics of tropical rainforests. <i>Functional Ecology</i> , 2016 , 30, 157-167	5.6	49
112	Mapping Species Composition of Forests and Tree Plantations in Northeastern Costa Rica with an Integration of Hyperspectral and Multitemporal Landsat Imagery. <i>Remote Sensing</i> , 2015 , 7, 5660-5696	5	47
111	Patterns of genotypic variation and phenotypic plasticity of light response in two tropical Piper (Piperaceae) species. <i>American Journal of Botany</i> , 1997 , 84, 1542-1552	2.7	45
110	Radial changes in wood specific gravity of tropical trees: inter- and intraspecific variation during secondary succession. <i>Functional Ecology</i> , 2015 , 29, 111-120	5.6	44
109	Remnant trees affect species composition but not structure of tropical second-growth forest. <i>PLoS ONE</i> , 2014 , 9, e83284	3.7	43
108	Using Lidar and Radar measurements to constrain predictions of forest ecosystem structure and function 2011 , 21, 1120-37		43
107	Effects of vegetation cover on seedling and sapling dynamics in secondary tropical wet forests in Costa Rica. <i>Journal of Tropical Ecology</i> , 2006 , 22, 65-76	1.3	43
106	Effects of Leaf and Ramet Removal on Growth and Reproduction of <i>Geonoma Congesta</i> , A Clonal Understorey Palm. <i>Journal of Ecology</i> , 1991 , 79, 1137	6	43
105	The drivers of tree cover expansion: Global, temperate, and tropical zone analyses. <i>Land Use Policy</i> , 2016 , 58, 502-513	5.6	42

104	Rapid assessment of understory light availability in a wet tropical forest. <i>Agricultural and Forest Meteorology</i> , 2004 , 123, 177-185	5.8	42
103	The effectiveness of lidar remote sensing for monitoring forest cover attributes and landscape restoration. <i>Forest Ecology and Management</i> , 2019 , 438, 34-43	3.9	42
102	Whither the forest transition? Climate change, policy responses, and redistributed forests in the twenty-first century. <i>Ambio</i> , 2020 , 49, 74-84	6.5	42
101	Sexes show contrasting patterns of leaf and crown carbon gain in a dioecious rainforest shrub. <i>American Journal of Botany</i> , 2003 , 90, 347-55	2.7	41
100	Maximizing biodiversity conservation and carbon stocking in restored tropical forests. <i>Conservation Letters</i> , 2018 , 11, e12454	6.9	40
99	Environmental gradients and the evolution of successional habitat specialization: a test case with 14 Neotropical forest sites. <i>Journal of Ecology</i> , 2015 , 103, 1276-1290	6	38
98	Decomposing biodiversity data using the Latent Dirichlet Allocation model, a probabilistic multivariate statistical method. <i>Ecology Letters</i> , 2014 , 17, 1591-601	10	37
97	Light-dependent seedling survival and growth of four tree species in Costa Rican second-growth rain forests. <i>Journal of Tropical Ecology</i> , 2005 , 21, 383-395	1.3	37
96	Landscape-Scale Controls on Aboveground Forest Carbon Stocks on the Osa Peninsula, Costa Rica. <i>PLoS ONE</i> , 2015 , 10, e0126748	3.7	37
95	Multigenerational genetic analysis of tropical secondary regeneration in a canopy palm. <i>Ecology</i> , 2007 , 88, 3065-75	4.6	35
94	Exotic eucalypts: From demonized trees to allies of tropical forest restoration?. <i>Journal of Applied Ecology</i> , 2020 , 57, 55-66	5.8	35
93	Nitrogen-fixing trees inhibit growth of regenerating Costa Rican rainforests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 8817-8822	11.5	34
92	Demographic Drivers of Aboveground Biomass Dynamics During Secondary Succession in Neotropical Dry and Wet Forests. <i>Ecosystems</i> , 2017 , 20, 340-353	3.9	34
91	Effects of canopy species dominance on understorey light availability in low-elevation secondary forest stands in Costa Rica. <i>Journal of Tropical Ecology</i> , 1996 , 12, 779-788	1.3	34
90	INTERACTIONS BETWEEN CROWN STRUCTURE AND LIGHT ENVIRONMENT IN FIVE RAIN FOREST PIPER SPECIES. <i>American Journal of Botany</i> , 1988 , 75, 1459	2.7	33
89	The potential of secondary forests. <i>Science</i> , 2015 , 348, 642-3	33.3	31
88	Incorporating natural regeneration in forest landscape restoration in tropical regions: synthesis and key research gaps. <i>Biotropica</i> , 2016 , 48, 915-924	2.3	31
87	Proximity is not a proxy for parentage in an animal-dispersed Neotropical canopy palm. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 2037-44	4.4	31

86	Patterns of Growth and Reproduction of <i>Geonoma congesta</i> , a Clustered Understory Palm. <i>Biotropica</i> , 1992 , 24, 43	2.3	31
85	Leaf Display, Canopy Structure, and Light Interception of Two Understory Palm Species. <i>American Journal of Botany</i> , 1985 , 72, 1493	2.7	31
84	PLANT SIZE AND FORM IN THE UNDERSTORY PALM GENUS <i>GEONOMA</i> : ARE SPECIES VARIATIONS ON A THEME?. <i>American Journal of Botany</i> , 1991 , 78, 680-694	2.7	26
83	Adding forests to the water-Energy-Food nexus. <i>Nature Sustainability</i> , 2021 , 4, 85-92	22.1	26
82	Early ecological outcomes of natural regeneration and tree plantations for restoring agricultural landscapes 2018 , 28, 373-384		26
81	Successional dynamics of nitrogen fixation and forest growth in regenerating Costa Rican rainforests. <i>Ecology</i> , 2019 , 100, e02637	4.6	25
80	Look down there is a gap the need to include soil data in Atlantic Forest restoration. <i>Restoration Ecology</i> , 2019 , 27, 361-370	3.1	24
79	Throughfall heterogeneity in tropical forested landscapes as a focal mechanism for deep percolation. <i>Journal of Hydrology</i> , 2014 , 519, 2180-2188	6	24
78	INTERACTIONS BETWEEN CROWN STRUCTURE AND LIGHT ENVIRONMENT IN FIVE RAIN FOREST PIPER SPECIES. <i>American Journal of Botany</i> , 1988 , 75, 1459-1471	2.7	23
77	Multidimensional tropical forest recovery. <i>Science</i> , 2021 , 374, 1370-1376	33.3	23
76	Recovery of species composition over 46 years in a logged Australian tropical forest following different intensity silvicultural treatments. <i>Forest Ecology and Management</i> , 2018 , 409, 660-666	3.9	22
75	Making Tropical Succession and Landscape Reforestation Successful. <i>Journal of Sustainable Forestry</i> , 2013 , 32, 649-658	1.2	22
74	Forest and landscape restoration: Toward a shared vision and vocabulary. <i>American Journal of Botany</i> , 2016 , 103, 1869-1871	2.7	21
73	Co-Creating Conceptual and Working Frameworks for Implementing Forest and Landscape Restoration Based on Core Principles. <i>Forests</i> , 2020 , 11, 706	2.8	21
72	Key challenges for governing forest and landscape restoration across different contexts. <i>Land Use Policy</i> , 2021 , 104, 104854	5.6	21
71	Towards more effective integration of tropical forest restoration and conservation. <i>Biotropica</i> , 2019 , 51, 463-472	2.3	19
70	Evaluating the potential of full-waveform lidar for mapping pan-tropical tree species richness. <i>Global Ecology and Biogeography</i> , 2020 , 29, 1799-1816	6.1	19
69	Targeted reforestation could reverse declines in connectivity for understory birds in a tropical habitat corridor 2016 , 26, 1456-1474		19

68	The forest transformation: Planted tree cover and regional dynamics of tree gains and losses. <i>Global Environmental Change</i> , 2019 , 59, 101988	10.1	18
67	Life History Traits of Lianas During Tropical Forest Succession. <i>Biotropica</i> , 2012 , 44, 720-727	2.3	17
66	Opposing mechanisms affect taxonomic convergence between tree assemblages during tropical forest succession. <i>Ecology Letters</i> , 2017 , 20, 1448-1458	10	17
65	Seasonally Dry Tropical Forest Biodiversity and Conservation Value in Agricultural Landscapes of Mesoamerica 2011 , 195-219		15
64	Plant Size and Form in the Understory Palm Genus <i>Geonoma</i> : Are Species Variations on a Theme?. <i>American Journal of Botany</i> , 1991 , 78, 680	2.7	15
63	A new approach to map landscape variation in forest restoration success in tropical and temperate forest biomes. <i>Journal of Applied Ecology</i> , 2019 , 56, 2675-2686	5.8	14
62	Resilience and Alternative Stable States of Tropical Forest Landscapes under Shifting Cultivation Regimes. <i>PLoS ONE</i> , 2015 , 10, e0137497	3.7	14
61	Achieving Quality Forest and Landscape Restoration in the Tropics. <i>Forests</i> , 2020 , 11, 820	2.8	14
60	Manila Declaration on Forest and Landscape Restoration: Making It Happen. <i>Forests</i> , 2020 , 11, 685	2.8	12
59	Protecting intact forests requires holistic approaches. <i>Nature Ecology and Evolution</i> , 2018 , 2, 915	12.3	12
58	Forest and Landscape Restoration: A Review Emphasizing Principles, Concepts, and Practices. <i>Land</i> , 2021 , 10, 28	3.5	12
57	The political ecology playbook for ecosystem restoration: Principles for effective, equitable, and transformative landscapes. <i>Global Environmental Change</i> , 2021 , 70, 102320	10.1	12
56	Conceptualising the Global Forest Response to Liana Proliferation. <i>Frontiers in Forests and Global Change</i> , 2020 , 3,	3.7	11
55	Ecological outcomes of agroforests and restoration 15 years after planting. <i>Restoration Ecology</i> , 2020 , 28, 1135-1144	3.1	11
54	Detecting landscape-level changes in tree biomass and biodiversity: methodological constraints and challenges of plot-based approaches. <i>Canadian Journal of Forest Research</i> , 2013 , 43, 799-808	1.9	11
53	Aboveground biomass density models for NASA's Global Ecosystem Dynamics Investigation (GEDI) lidar mission. <i>Remote Sensing of Environment</i> , 2022 , 270, 112845	13.2	11
52	Monitoring restored tropical forest diversity and structure through UAV-borne hyperspectral and lidar fusion. <i>Remote Sensing of Environment</i> , 2021 , 264, 112582	13.2	11
51	Soil nitrogen concentration mediates the relationship between leguminous trees and neighbor diversity in tropical forests. <i>Communications Biology</i> , 2020 , 3, 317	6.7	10

50	Ecological, behavioural and nutritional factors influencing use of palms as host plants by a Neotropical forest grasshopper. <i>Journal of Tropical Ecology</i> , 1993 , 9, 183-197	1.3	10
49	Detecting successional changes in tropical forest structure using GatorEye drone-borne lidar. <i>Biotropica</i> , 2020 , 52, 1155-1167	2.3	10
48	Patterns of genotypic variation and phenotypic plasticity of light response in two tropical Piper (Piperaceae) species. <i>American Journal of Botany</i> , 1997 , 84, 1542	2.7	10
47	solarcalc 7.0: An enhanced version of a program for the analysis of hemispherical canopy photographs. <i>Computers and Electronics in Agriculture</i> , 2013 , 97, 15-20	6.5	9
46	Deciphering the enigma of undetected species, phylogenetic, and functional diversity based on Good-Turing theory. <i>Ecology</i> , 2017 , 98, 2914-2929	4.6	9
45	Historical Patterns of Natural Forest Management in Costa Rica: The Good, the Bad and the Ugly. <i>Forests</i> , 2014 , 5, 1777-1797	2.8	9
44	Juvenile tree growth in relation to light availability in second-growth tropical rain forests. <i>Journal of Tropical Ecology</i> , 2006 , 22, 223-226	1.3	9
43	Spatial heterogeneity in tropical forest structure: canopy palms as landscape mosaics. <i>Trends in Ecology and Evolution</i> , 1996 , 11, 8-9	10.9	9
42	FOREST STRUCTURE, CANOPY ARCHITECTURE, AND LIGHT TRANSMITTANCE IN TROPICAL WET FORESTS 2001 , 82, 2707		9
41	Phenotypic plasticity and local adaptation favor range expansion of a Neotropical palm. <i>Ecology and Evolution</i> , 2018 , 8, 7462-7475	2.8	9
40	Associations between socio-environmental factors and landscape-scale biodiversity recovery in naturally regenerating tropical and subtropical forests. <i>Conservation Letters</i> , 2021 , 14, e12768	6.9	8
39	It is not just about time: Agricultural practices and surrounding forest cover affect secondary forest recovery in agricultural landscapes. <i>Biotropica</i> , 2021 , 53, 496-508	2.3	8
38	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. <i>Plant Ecology</i> , 2012 , 213, 1081-1092	1.7	7
37	Diversidad y estructura horizontal en los bosques tropicales del Corredor Biológico de Osa, Costa Rica. <i>Revista Forestal Mesoamericana Kurú</i> 2012 , 9, 19	1.5	7
36	Silvicultural treatment effects on commercial timber volume and functional composition of a selectively logged Australian tropical forest over 48 years. <i>Forest Ecology and Management</i> , 2020 , 457, 117690	3.9	7
35	Forests: when natural regeneration is unrealistic. <i>Nature</i> , 2019 , 570, 164	50.4	6
34	Variations of leaf eco-physiological traits in relation to environmental factors during forest succession. <i>Ecological Indicators</i> , 2020 , 117, 106511	5.8	6
33	Corrigendum to "The relationship between tree biodiversity and biomass dynamics changes with tropical forest succession" <i>Ecology Letters</i> , 2014 , 17, 1478-1478	10	6

32	Tropical Forest Regeneration 2013 , 277-286		6
31	People, primates and predators in the Pontal: from endangered species conservation to forest and landscape restoration in Brazil's Atlantic Forest. <i>Royal Society Open Science</i> , 2020 , 7, 200939	3.3	6
30	Effects of fragmentation and landscape variation on tree diversity in post-logging regrowth forests of the Southern Philippines. <i>Biodiversity and Conservation</i> , 2016 , 25, 923-941	3.4	6
29	The intervention continuum in restoration ecology: rethinking the active-passive dichotomy. <i>Restoration Ecology</i> , e13535	3.1	6
28	Successional variation in carbon content and wood specific gravity of four tropical tree species. <i>Bosque</i> , 2013 , 34, 9-10	0.8	5
27	The cost of restoring carbon stocks in Brazil's Atlantic Forest. <i>Land Degradation and Development</i> , 2021 , 32, 830-841	4.4	5
26	Above-ground biomass recovery following logging and thinning over 46 years in an Australian tropical forest. <i>Science of the Total Environment</i> , 2020 , 734, 139098	10.2	4
25	Chronosequence predictions are robust in a Neotropical secondary forest, but plots miss the mark. <i>Global Change Biology</i> , 2018 , 24, 933-943	11.4	4
24	Functional recovery of secondary tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
23	Biomasa sobre el suelo y carbono orgánico en el suelo en cuatro estadios de sucesión de bosques en la Península de Osa, Costa Rica. <i>Revista Forestal Mesoamericana</i> Kurú 2012 , 9, 22	1.5	4
22	Upscaling tropical restoration to deliver environmental benefits and socially equitable outcomes. <i>Current Biology</i> , 2021 , 31, R1326-R1341	6.3	4
21	Photosynthetic Utilization of Lightflecks by Tropical Forest Plants 1987 , 257-260		4
20	Using leading and lagging indicators for forest restoration. <i>Journal of Applied Ecology</i> , 2021 , 58, 1806-1818	11.2	4
19	Ecological restoration increases conservation of taxonomic and functional beta diversity of woody plants in a tropical fragmented landscape. <i>Forest Ecology and Management</i> , 2019 , 451, 117538	3.9	3
18	Restoring Tropical Forests: A Practical Guide. <i>Ecological Restoration</i> , 2015 , 33, 118-119		3
17	Thinking outside the plot: monitoring forest biodiversity for social-ecological research. <i>Ecology and Society</i> , 2020 , 25,	4.1	3
16	Litter dynamics recover faster than arthropod biodiversity during tropical forest succession. <i>Biotropica</i> , 2020 , 52, 22-33	2.3	3
15	Creating a culture of caretaking through restoring ecosystems and landscapes. <i>One Earth</i> , 2020 , 3, 653-656	3.6	3

14	Estructura, composición y diversidad vegetal en bosques tropicales del Corredor Biológico Osa, Costa Rica. <i>Revista Forestal Mesoamericana Kurú</i> 2013 , 10, 1	1.5	2
13	* Effects of Human Activities on Successional Pathways 129-140		2
12	Inconvenient realities and the path toward science-based forest restoration policies: A reply to Veldman et al. <i>American Journal of Botany</i> , 2017 , 104, 652-653	2.7	1
11	A tropical rain forest feast. <i>Trends in Ecology and Evolution</i> , 1998 , 13, 421-2	10.9	1
10	Soil Fungal Community Composition Correlates with Site-Specific Abiotic Factors, Tree Community Structure, and Forest Age in Regenerating Tropical Rainforests. <i>Biology</i> , 2021 , 10,	4.9	1
9	Long-term growth responses of three <i>Flindersia</i> species to different thinning intensities after selective logging of a tropical rainforest. <i>Forest Ecology and Management</i> , 2020 , 476, 118442	3.9	1
8	Drivers of soil microbial community assembly during recovery from selective logging and clear-cutting. <i>Journal of Applied Ecology</i> , 2021 , 58, 2231	5.8	1
7	Forest and landscape restoration monitoring frameworks: how principled are they?. <i>Restoration Ecology</i> , 13572	3.1	0
6	Seed-rain-successional feedbacks in wet tropical forests. <i>Ecology</i> , 2021 , 102, e03362	4.6	0
5	Restoring Forests, Livelihoods, and Resilience in Tropical Landscapes. <i>Biotropica</i> , 2011 , 43, 764-764	2.3	
4	Assessing Recovery Following Selective Logging of Lowland Tropical Forests Based on Hyperspectral Imagery 2008 , 193-212		
3	Ecological Restoration and Ecosystem Services 2017 , 522-536		
2	Response to "Withering the coloniality of the forest transition?". <i>Ambio</i> , 2021 , 50, 1765-1766	6.5	
1	A proposal to advance theory and promote collaboration in tropical biology by supporting replications. <i>Biotropica</i> , 2021 , 53, 6-10	2.3	