

Robin Chazdon

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
210	Multidimensional tropical forest recovery. <i>Science</i> , 2021 , 374, 1370-1376	33.3	23
209	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
208	Forest and Landscape Restoration: A Review Emphasizing Principles, Concepts, and Practices. <i>Land</i> , 2021 , 10, 28	3.5	12
207	Upscaling tropical restoration to deliver environmental benefits and socially equitable outcomes. <i>Current Biology</i> , 2021 , 31, R1326-R1341	6.3	4
206	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
205	Response to "Withering the coloniality of the forest transition?". <i>Ambio</i> , 2021 , 50, 1765-1766	6.5	
204	Seed-rain-successional feedbacks in wet tropical forests. <i>Ecology</i> , 2021 , 102, e03362	4.6	0
203	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
202	Using leading and lagging indicators for forest restoration. <i>Journal of Applied Ecology</i> , 2021 , 58, 1806-1818	5.8	4
201	Key challenges for governing forest and landscape restoration across different contexts. <i>Land Use Policy</i> , 2021 , 104, 104854	5.6	21
200	The cost of restoring carbon stocks in Brazil's Atlantic Forest. <i>Land Degradation and Development</i> , 2021 , 32, 830-841	4.4	5
199	Adding forests to the water-energy-food nexus. <i>Nature Sustainability</i> , 2021 , 4, 85-92	22.1	26
198	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
197	A proposal to advance theory and promote collaboration in tropical biology by supporting replications. <i>Biotropica</i> , 2021 , 53, 6-10	2.3	
196	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
195	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

194	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
193	Variations of leaf eco-physiological traits in relation to environmental factors during forest succession. <i>Ecological Indicators</i> , 2020 , 117, 106511	5.8	6
192	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
191	Conceptualising the Global Forest Response to Liana Proliferation. <i>Frontiers in Forests and Global Change</i> , 2020 , 3,	3.7	11
190	Manila Declaration on Forest and Landscape Restoration: Making It Happen. <i>Forests</i> , 2020 , 11, 685	2.8	12
189	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
188	Fostering natural forest regeneration on former agricultural land through economic and policy interventions. <i>Environmental Research Letters</i> , 2020 , 15, 043002	6.2	50
187	Achieving cost-effective landscape-scale forest restoration through targeted natural regeneration. <i>Conservation Letters</i> , 2020 , 13, e12709	6.9	53
186	Thinking outside the plot: monitoring forest biodiversity for social-ecological research. <i>Ecology and Society</i> , 2020 , 25,	4.1	3
185	Ecological outcomes of agroforests and restoration 15 years after planting. <i>Restoration Ecology</i> , 2020 , 28, 1135-1144	3.1	11
184	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
183	Litter dynamics recover faster than arthropod biodiversity during tropical forest succession. <i>Biotropica</i> , 2020 , 52, 22-33	2.3	3
182	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
181	Global priority areas for ecosystem restoration. <i>Nature</i> , 2020 , 586, 724-729	50.4	175
180	Creating a culture of caretaking through restoring ecosystems and landscapes. <i>One Earth</i> , 2020 , 3, 653-656	5.6	3
179	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
178	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
177	Achieving Quality Forest and Landscape Restoration in the Tropics. <i>Forests</i> , 2020 , 11, 820	2.8	14

176	Detecting successional changes in tropical forest structure using GatorEye drone-borne lidar. <i>Biotropica</i> , 2020 , 52, 1155-1167	2.3	10
175	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
174	Mapping carbon accumulation potential from global natural forest regrowth. <i>Nature</i> , 2020 , 585, 545-550	50.4	104
173	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
172	Exotic eucalypts: From demonized trees to allies of tropical forest restoration?. <i>Journal of Applied Ecology</i> , 2020 , 57, 55-66	5.8	35
171	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
170	Forests: when natural regeneration is unrealistic. <i>Nature</i> , 2019 , 570, 164	50.4	6
169	Successional dynamics of nitrogen fixation and forest growth in regenerating Costa Rican rainforests. <i>Ecology</i> , 2019 , 100, e02637	4.6	25
168	Towards more effective integration of tropical forest restoration and conservation. <i>Biotropica</i> , 2019 , 51, 463-472	2.3	19
167	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
166	Biodiversity recovery of Neotropical secondary forests. <i>Science Advances</i> , 2019 , 5, eaau3114	14.3	161
165	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
164	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
163	Global restoration opportunities in tropical rainforest landscapes. <i>Science Advances</i> , 2019 , 5, eaav3223	14.3	172
162	Restoring forests as a means to many ends. <i>Science</i> , 2019 , 365, 24-25	33.3	111
161	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
160	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
159	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

158	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
157	Maximizing biodiversity conservation and carbon stocking in restored tropical forests. <i>Conservation Letters</i> , 2018 , 11, e12454	6.9	40
156	Protecting intact forests requires holistic approaches. <i>Nature Ecology and Evolution</i> , 2018 , 2, 915	12.3	12
155	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
154	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
153	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
152	Early ecological outcomes of natural regeneration and tree plantations for restoring agricultural landscapes 2018 , 28, 373-384		26
151	Pan-tropical prediction of forest structure from the largest trees. <i>Global Ecology and Biogeography</i> , 2018 , 27, 1366-1383	6.1	52
150	A landscape approach for cost-effective large-scale forest restoration. <i>Journal of Applied Ecology</i> , 2018 , 55, 2767-2778	5.8	55
149	Legume abundance along successional and rainfall gradients in Neotropical forests. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1104-1111	12.3	71
148	Phenotypic plasticity and local adaptation favor range expansion of a Neotropical palm. <i>Ecology and Evolution</i> , 2018 , 8, 7462-7475	2.8	9
147	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
146	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
145	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
144	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
143	Opposing mechanisms affect taxonomic convergence between tree assemblages during tropical forest succession. <i>Ecology Letters</i> , 2017 , 20, 1448-1458	10	17
142	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
141	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

140	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
139	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
138	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
137	A Policy-Driven Knowledge Agenda for Global Forest and Landscape Restoration. <i>Conservation Letters</i> , 2017 , 10, 125-132	6.9	201
136	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
135	Ecological Restoration and Ecosystem Services 2017 , 522-536		
134	The drivers of tree cover expansion: Global, temperate, and tropical zone analyses. <i>Land Use Policy</i> , 2016 , 58, 502-513	5.6	42
133	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
132	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
131	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
130	Forest and landscape restoration: Toward a shared vision and vocabulary. <i>American Journal of Botany</i> , 2016 , 103, 1869-1871	2.7	21
129	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. <i>Science Advances</i> , 2016 , 2, e1501639	14.3	289
128	Biomass resilience of Neotropical secondary forests. <i>Nature</i> , 2016 , 530, 211-4	50.4	557
127	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
126	Targeted reforestation could reverse declines in connectivity for understory birds in a tropical habitat corridor 2016 , 26, 1456-1474		19
125	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
124	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
123	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

122	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
121	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
120	Restoring Tropical Forests: A Practical Guide. <i>Ecological Restoration</i> , 2015 , 33, 118-119		3
119	Unveiling the species-rank abundance distribution by generalizing the Good-Turing sample coverage theory. <i>Ecology</i> , 2015 , 96, 1189-201	4.6	49
118	The potential of secondary forests. <i>Science</i> , 2015 , 348, 642-3	33.3	31
117	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
116	Demographic drivers of tree biomass change during secondary succession in northeastern Costa Rica 2015 , 25, 506-16		55
115	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
114	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
113	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
112	Resilience and Alternative Stable States of Tropical Forest Landscapes under Shifting Cultivation Regimes. <i>PLoS ONE</i> , 2015 , 10, e0137497	3.7	14
111	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
110	Landscape-Scale Controls on Aboveground Forest Carbon Stocks on the Osa Peninsula, Costa Rica. <i>PLoS ONE</i> , 2015 , 10, e0126748	3.7	37
109	Decomposing biodiversity data using the Latent Dirichlet Allocation model, a probabilistic multivariate statistical method. <i>Ecology Letters</i> , 2014 , 17, 1591-601	10	37
108	Throughfall heterogeneity in tropical forested landscapes as a focal mechanism for deep percolation. <i>Journal of Hydrology</i> , 2014 , 519, 2180-2188	6	24
107	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
106	Viewing forests through the lens of complex systems science. <i>Ecosphere</i> , 2014 , 5, art1	3.1	140
105	The relationship between tree biodiversity and biomass dynamics changes with tropical forest succession. <i>Ecology Letters</i> , 2014 , 17, 1158-67	10	130

104	Remnant trees affect species composition but not structure of tropical second-growth forest. <i>PLoS ONE</i> , 2014 , 9, e83284	3.7	43
103	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
102	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
101	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
100	Second Growth 2014 ,		331
99	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
98	Making Tropical Succession and Landscape Reforestation Successful. <i>Journal of Sustainable Forestry</i> , 2013 , 32, 649-658	1.2	22
97	Plant Diversity in fragmented rain forests: testing floristic homogenization and differentiation hypotheses. <i>Journal of Ecology</i> , 2013 , 101, 1449-1458	6	138
96	Land cover dynamics following a deforestation ban in northern Costa Rica. <i>Environmental Research Letters</i> , 2013 , 8, 034017	6.2	67
95	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
94	Quantifying temporal change in biodiversity: challenges and opportunities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20121931	4.4	137
93	Tropical Forest Regeneration 2013 , 277-286		6
92	Successional variation in carbon content and wood specific gravity of four tropical tree species. <i>Bosque</i> , 2013 , 34, 9-10	0.8	5
91	Estructura, composición y diversidad vegetal en bosques tropicales del Corredor Biológico Osa, Costa Rica. <i>Revista Forestal Mesoamericana Kur</i> , 2013 , 10, 1	1.5	2
90	Life History Traits of Lianas During Tropical Forest Succession. <i>Biotropica</i> , 2012 , 44, 720-727	2.3	17
89	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
88	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
87	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

86	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
85	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 Kuruj</i> 2012 , 9, 22	1.5	4
84	Diversidad y estructura horizontal en los bosques tropicales del Corredor Biológico de Osa, Costa Rica. <i>Revista Forestal Mesoamericana Kuruj</i> 2012 , 9, 19	1.5	7
83	Seasonally Dry Tropical Forest Biodiversity and Conservation Value in Agricultural Landscapes of Mesoamerica 2011 , 195-219		15
82	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
81	A novel statistical method for classifying habitat generalists and specialists. <i>Ecology</i> , 2011 , 92, 1332-43	4.6	130
80	Restoring Forests, Livelihoods, and Resilience in Tropical Landscapes. <i>Biotropica</i> , 2011 , 43, 764-764	2.3	
79	Contrasting community compensatory trends in alternative successional pathways in central Amazonia. <i>Oikos</i> , 2011 , 120, 143-151	4	51
78	Using Lidar and Radar measurements to constrain predictions of forest ecosystem structure and function 2011 , 21, 1120-37		43
77	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
76	Biodiversity conservation in human-modified landscapes of Mesoamerica: Past, present and future. <i>Biological Conservation</i> , 2010 , 143, 2301-2313	6.2	122
75	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
74	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
73	Beyond Reserves: A Research Agenda for Conserving Biodiversity in Human-modified Tropical Landscapes. <i>Biotropica</i> , 2009 , 41, 142-153	2.3	346
72	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
71	Small Tent-Roosting Bats Promote Dispersal of Large-Seeded Plants in a Neotropical Forest. <i>Biotropica</i> , 2009 , 41, 737-743	2.3	61
70	Resilience of tropical rain forests: tree community reassembly in secondary forests. <i>Ecology Letters</i> , 2009 , 12, 385-94	10	213
69	Prospects for tropical forest biodiversity in a human-modified world. <i>Ecology Letters</i> , 2009 , 12, 561-82	10	602

68	Vulnerability and resilience of tropical forest species to land-use change. <i>Conservation Biology</i> , 2009 , 23, 1438-47	6	65
67	The potential for species conservation in tropical secondary forests. <i>Conservation Biology</i> , 2009 , 23, 1406-17	6	399
66	Lianas and self-supporting plants during tropical forest succession. <i>Forest Ecology and Management</i> , 2009 , 257, 2150-2156	3.9	71
65	Rain forest nutrient cycling and productivity in response to large-scale litter manipulation. <i>Ecology</i> , 2009 , 90, 109-21	4.6	75
64	Integrating agricultural landscapes with biodiversity conservation in the Mesoamerican hotspot. <i>Conservation Biology</i> , 2008 , 22, 8-15	6	321
63	Correlates of extinction proneness in tropical angiosperms. <i>Diversity and Distributions</i> , 2008 , 14, 1-10	5	82
62	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
61	Beyond deforestation: restoring forests and ecosystem services on degraded lands. <i>Science</i> , 2008 , 320, 1458-60	33.3	1015
60	A two-stage probabilistic approach to multiple-community similarity indices. <i>Biometrics</i> , 2008 , 64, 1178-868	3.8	144
59	Assessing Recovery Following Selective Logging of Lowland Tropical Forests Based on Hyperspectral Imagery 2008 , 193-212		
58	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
57	Multigenerational genetic analysis of tropical secondary regeneration in a canopy palm. <i>Ecology</i> , 2007 , 88, 3065-75	4.6	35
56	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
55	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
54	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
53	Abundance-based similarity indices and their estimation when there are unseen species in samples. <i>Biometrics</i> , 2006 , 62, 361-71	1.8	377
52	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
51	Genetic consequences of tropical second-growth forest regeneration. <i>Science</i> , 2005 , 307, 891	33.3	69

50	Successional dynamics of woody seedling communities in wet tropical secondary forests. <i>Journal of Ecology</i> , 2005 , 93, 1071-1084	6	76
49	Inner-crown Microenvironments of Two Emergent Tree Species in a Lowland Wet Forest1. <i>Biotropica</i> , 2005 , 37, 238-244	2.3	58
48	Vegetation Structure, Composition, and Species Richness Across a 56-year Chronosequence of Dry Tropical Forest on Providencia Island, Colombia1. <i>Biotropica</i> , 2005 , 37, 520-530	2.3	83
47	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
46	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
45	Rapid assessment of understory light availability in a wet tropical forest. <i>Agricultural and Forest Meteorology</i> , 2004 , 123, 177-185	5.8	42
44	COMMUNITY AND PHYLOGENETIC STRUCTURE OF REPRODUCTIVE TRAITS OF WOODY SPECIES IN WET TROPICAL FORESTS. <i>Ecological Monographs</i> , 2003 , 73, 331-348	9	133
43	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
42	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
41	Light gradient partitioning by tropical tree seedlings in the absence of canopy gaps. <i>Oecologia</i> , 2002 , 131, 165-174	2.9	203
40	Estimation of tropical forest structural characteristics using large-footprint lidar. <i>Remote Sensing of Environment</i> , 2002 , 79, 305-319	13.2	455
39	FOREST STRUCTURE, CANOPY ARCHITECTURE, AND LIGHT TRANSMITTANCE IN TROPICAL WET FORESTS. <i>Ecology</i> , 2001 , 82, 2707-2718	4.6	206
38	FOREST STRUCTURE, CANOPY ARCHITECTURE, AND LIGHT TRANSMITTANCE IN TROPICAL WET FORESTS 2001 , 82, 2707		9
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33	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

32	A tropical rain forest feast. <i>Trends in Ecology and Evolution</i> , 1998 , 13, 421-2	10.9	1
31	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
30	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
29	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
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27	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
26	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
25	Photosynthetic Utilization of Sunflecks: A Temporally Patchy Resource on a Time Scale of Seconds to Minutes 1994 , 175-208		67
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22	Photosynthetic plasticity of two rain forest shrubs across natural gap transects. <i>Oecologia</i> , 1992 , 92, 586-595	2.9	87
21	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
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15	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

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8	The Costs of Leaf Support in Understorey Palms: Economy Versus Safety. <i>American Naturalist</i> , 1986 , 127, 9-30	3.7	81
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6	Leaf Display, Canopy Structure, and Light Interception of Two Understorey Palm Species. <i>American Journal of Botany</i> , 1985 , 72, 1493	2.7	31
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