Madelon Lohbeck

List of Publications by Year in descending order

32 papers	4,196 citations	257450 24 h-index	414414 32 g-index
34 all docs	34 docs citations	34 times ranked	6771 citing authors

#	Article	IF	Citations
1	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
2	Biomass resilience of Neotropical secondary forests. Nature, 2016, 530, 211-214.	27.8	763
3	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. Science Advances, 2016, 2, e1501639.	10.3	423
4	Successional changes in functional composition contrast for dry and wet tropical forest. Ecology, 2013, 94, 1211-1216.	3.2	239
5	Biomass is the main driver of changes in ecosystem process rates during tropical forest succession. Ecology, 2015, 96, 1242-1252.	3.2	200
6	Conservative species drive biomass productivity in tropical dry forests. Journal of Ecology, 2016, 104, 817-827.	4.0	180
7	Multidimensional tropical forest recovery. Science, 2021, 374, 1370-1376.	12.6	165
8	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
9	The importance of biodiversity and dominance for multiple ecosystem functions in a humanâ€modified tropical landscape. Ecology, 2016, 97, 2772-2779.	3.2	119
10	Changing drivers of species dominance during tropical forest succession. Functional Ecology, 2014, 28, 1052-1058.	3.6	111
11	Functional diversity changes during tropical forest succession. Perspectives in Plant Ecology, Evolution and Systematics, 2012, 14, 89-96.	2.7	110
12	Legume abundance along successional and rainfall gradients in Neotropical forests. Nature Ecology and Evolution, 2018, 2, 1104-1111.	7.8	107
13	Functional Trait Strategies of Trees in Dry and Wet Tropical Forests Are Similar but Differ in Their Consequences for Succession. PLoS ONE, 2015, 10, e0123741.	2.5	102
14	Tropical forest loss and its multitrophic effects on insect herbivory. Ecology, 2016, 97, 3315-3325.	3.2	62
15	Soilâ€mediated filtering organizes tree assemblages in regenerating tropical forests. Journal of Ecology, 2018, 106, 137-147.	4.0	54
16	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
17	Continuous monitoring of forest change dynamics with satellite time series. Remote Sensing of Environment, 2022, 269, 112829.	11.0	41
18	Drivers of farmer-managed natural regeneration in the Sahel. Lessons for restoration. Scientific Reports, 2020, 10, 15038.	3.3	38

#	Article	IF	Citations
19	Demographic Drivers of Aboveground Biomass Dynamics During Secondary Succession in Neotropical Dry and Wet Forests. Ecosystems, 2017, 20, 340-353.	3.4	37
20	Functional recovery of secondary tropical forests. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	34
21	Demographic drivers of functional composition dynamics. Ecology, 2017, 98, 2743-2750.	3.2	30
22	Forest strata-dependent functional evenness explains whole-community aboveground biomass through opposing mechanisms. Forest Ecology and Management, 2018, 424, 439-447.	3.2	30
23	Functional diversity and composition of Caatinga woody flora are negatively impacted by chronic anthropogenic disturbance. Journal of Ecology, 2019, 107, 2291-2302.	4.0	30
24	Traitâ€based approaches for guiding the restoration of degraded agricultural landscapes in East Africa. Journal of Applied Ecology, 2018, 55, 59-68.	4.0	25
25	How do Light and Water Acquisition Strategies Affect Species Selection during Secondary Succession in Moist Tropical Forests?. Forests, 2015, 6, 2047-2065.	2.1	21
26	Opportunities and Constraints for Using Farmer Managed Natural Regeneration for Land Restoration in Sub-Saharan Africa. Frontiers in Forests and Global Change, 2020, 3, .	2.3	21
27	Functional biogeography of Neotropical moist forests: Traitâ€“climate relationships and assembly patterns of tree communities. Global Ecology and Biogeography, 2021, 30, 1430-1446.	5.8	18
28	Strong floristic distinctiveness across Neotropical successional forests. Science Advances, 2022, 8, .	10.3	10
29	Species Selection and Management Under Farmer Managed Natural Regeneration in Dodoma, Tanzania. Frontiers in Forests and Global Change, 2020, 3, .	2.3	6
30	Editorial: Enhancing Natural Regeneration to Restore Landscapes. Frontiers in Forests and Global Change, 2021, 4, .	2.3	5
31	Mexican agricultural frontier communities differ in forest dynamics with consequences for conservation and restoration. Remote Sensing in Ecology and Conservation, 2022, 8, 564-577.	4.3	3
32	Forest loss and treeless matrices cause the functional impoverishment of sapling communities in oldâ€growth forest patches across tropical regions. Journal of Applied Ecology, 2022, 59, 1897-1910.	4.0	3