Edwin Lebrija-Trejos

List of Publications by Year
in descending order

26 papers	2,892 citations	304743 22 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	3972 citing authors

#	Article	IF	Citations
1	Functional traits and environmental filtering drive community assembly in a speciesâ€rich tropical system. Ecology, 2010, 91, 386-398.	3.2	447
2	Biodiversity recovery of Neotropical secondary forests. Science Advances, 2019, 5, eaau3114.	10.3	291
3	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
4	Successional changes in functional composition contrast for dry and wet tropical forest. Ecology, 2013, 94, 1211-1216.	3.2	239
5	Successional Change and Resilience of a Very Dry Tropical Deciduous Forest Following Shifting Agriculture. Biotropica, 2008, 40, 422-431.	1.6	185
6	Environmental changes during secondary succession in a tropical dry forest in Mexico. Journal of Tropical Ecology, 2011, 27, 477-489.	1.1	172
7	Pathways, mechanisms and predictability of vegetation change during tropical dry forest succession. Perspectives in Plant Ecology, Evolution and Systematics, 2010, 12, 267-275.	2.7	123
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	Middle-Eastern plant communities tolerate 9 years of drought in a multi-site climate manipulation experiment. Nature Communications, 2014, 5, 5102.	12.8	117
10	Legume abundance along successional and rainfall gradients in Neotropical forests. Nature Ecology and Evolution, 2018, 2, 1104-1111.	7.8	107
11	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
12	Species with greater seed mass are more tolerant of conspecific neighbours: a key driver of early survival and future abundances in a tropical forest. Ecology Letters, 2016, 19, 1071-1080.	6.4	102
13	Climateâ€growth analysis for a Mexican dry forest tree shows strong impact of sea surface temperatures and predicts future growth declines. Global Change Biology, 2010, 16, 2001-2012.	9.5	86
14	Can current moisture responses predict soil CO₂ efflux under altered precipitation regimes? A synthesis of manipulation experiments. Biogeosciences, 2014, 11, 2991-3013.	3.3	74
15	Does relatedness matter? Phylogenetic densityâ€dependent survival of seedlings in a tropical forest. Ecology, 2014, 95, 940-951.	3.2	73
16	Resilience of tropical dry forests â€“ a metaâ€analysis of changes in species diversity and composition during secondary succession. Oikos, 2016, 125, 1386-1397.	2.7	65
17	Predicting Tropical Dry Forest Successional Attributes from Space: Is the Key Hidden in Image Texture?. PLoS ONE, 2012, 7, e30506.	2.5	65
18	The Potential of Tree Rings for the Study of Forest Succession in Southern Mexico. Biotropica, 2009, 41, 186-195.	1.6	50

#	Article	IF	Citations
19	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
20	Vegetation Heterogeneity and Life-Strategy Diversity in the Flora of the Heterogeneous Landscape of Nizanda, Oaxaca, Mexico. Folia Geobotanica, 2010, 45, 143-161.	0.9	41
21	Demographic Drivers of Aboveground Biomass Dynamics During Secondary Succession in Neotropical Dry and Wet Forests. Ecosystems, 2017, 20, 340-353.	3.4	37
22	Functional recovery of secondary tropical forests. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	34
23	Atmospheric and soil drought risks combined shape community assembly of trees in a tropical dry forest. Journal of Ecology, 2020, 108, 1347-1357.	4.0	19
24	Strong floristic distinctiveness across Neotropical successional forests. Science Advances, 2022, 8, .	10.3	10
25	Reproductive traits and seed dynamics at two environmentally contrasting annual plant communities: From fieldwork to theoretical expectations. Israel Journal of Ecology and Evolution, 2011, 57, 73-90.	0.6	9
26	Spatial and temporal dynamics of live fuel moisture content in eastern Mediterranean woodlands are driven by an interaction between climate and community structure. International Journal of Wildland Fire, 2021, 30, 190.	2.4	2