Justin M Becknell

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8486178/publications.pdf

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24	3,024	471509	610901
papers	citations	17 h-index	24 g-index

24	24	24	4166
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biomass resilience of Neotropical secondary forests. Nature, 2016, 530, 211-214.	27.8	763
2	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. Science Advances, 2016, 2, e1501639.	10.3	423
3	Biodiversity recovery of Neotropical secondary forests. Science Advances, 2019, 5, eaau3114.	10.3	291
4	Diversity in plant hydraulic traits explains seasonal and interâ€annual variations of vegetation dynamics in seasonally dry tropical forests. New Phytologist, 2016, 212, 80-95.	7.3	274
5	Diversity and structure of regenerating tropical dry forests in Costa Rica: Geographic patterns and environmental drivers. Forest Ecology and Management, 2009, 258, 959-970.	3.2	200
6	Multidimensional tropical forest recovery. Science, 2021, 374, 1370-1376.	12.6	165
7	Stand age and soils as drivers of plant functional traits and aboveground biomass in secondary tropical dry forest. Canadian Journal of Forest Research, 2014, 44, 604-613.	1.7	161
8	Aboveground biomass in mature and secondary seasonally dry tropical forests: A literature review and global synthesis. Forest Ecology and Management, 2012, 276, 88-95.	3.2	148
9	A catastrophic tropical drought kills hydraulically vulnerable tree species. Global Change Biology, 2020, 26, 3122-3133.	9.5	132
10	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
11	Legume abundance along successional and rainfall gradients in Neotropical forests. Nature Ecology and Evolution, 2018, 2, 1104-1111.	7.8	107
12	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
13	Assessing Interactions Among Changing Climate, Management, and Disturbance in Forests: A Macrosystems Approach. BioScience, 2015, 65, 263-274.	4.9	38
14	Functional recovery of secondary tropical forests. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	34
15	Nitrogen, phosphorus, and cation use efficiency in stands of regenerating tropical dry forest. Oecologia, 2015, 178, 887-897.	2.0	23
16	Landscapeâ€scale lidar analysis of aboveground biomass distribution in secondary Brazilian Atlantic Forest. Biotropica, 2018, 50, 520-530.	1.6	20
17	Edaphic factors, successional status and functional traits drive habitat associations of trees in naturally regenerating tropical dry forests. Functional Ecology, 2018, 32, 2766-2776.	3.6	19
18	Reduced ecosystem resilience quantifies fineâ€scale heterogeneity in tropical forest mortality responses to drought. Global Change Biology, 2022, 28, 2081-2094.	9.5	12

#	Article	IF	Citations
19	Aboveâ€ground net primary productivity in regenerating seasonally dry tropical forest: Contributions of rainfall, forest age and soil. Journal of Ecology, 2021, 109, 3903-3915.	4.0	11
20	Strong floristic distinctiveness across Neotropical successional forests. Science Advances, 2022, 8, .	10.3	10
21	Effects of soil type and light on height growth, biomass partitioning, and nitrogen dynamics on 22 species of tropical dry forest tree seedlings: Comparisons between legumes and nonlegumes. American Journal of Botany, 2017, 104, 399-410.	1.7	9
22	Comparing forest structure and biodiversity on private and public land: secondary tropical dry forests in Costa Rica. Biotropica, 2018, 50, 510-519.	1.6	8
23	Chronosequence predictions are robust in a Neotropical secondary forest, but plots miss the mark. Global Change Biology, 2018, 24, 933-943.	9.5	4
24	Increasing Liana Abundance and Associated Reductions in Tree Growth in Secondary Seasonally Dry Tropical Forest. Frontiers in Forests and Global Change, 2022, 5, .	2.3	2