Lucas Jos Mazzei de Freitas

List of Publications by Citations

34 papers	1,035 citations	17 h-index	32 g-index
41 ext. papers	1,257 ext. citations	3.9 avg, IF	3.6 L-index

#	Paper	IF	Citations
34	Diversity enhances carbon storage in tropical forests. *Global Ecology and Biogeography*, **2015**, 24, 1314-1328	6.1	245
33	Biodiversity and climate determine the functioning of Neotropical forests. *Global Ecology and Biogeography*, **2017**, 26, 1423-1434	6.1	110
32	Large trees as key elements of carbon storage and dynamics after selective logging in the Eastern Amazon. *Forest Ecology and Management*, **2014**, 318, 103-109	3.9	82
31	Rapid tree carbon stock recovery in managed Amazonian forests. *Current Biology*, **2015**, 25, R787-8	6.3	73
30	Above-ground biomass dynamics after reduced-impact logging in the Eastern Amazon. *Forest Ecology and Management*, **2010**, 259, 367-373	3.9	67
29	Old-growth Neotropical forests are shifting in species and trait composition. *Ecological Monographs* , **2016**, 86, 228-243	9	49
28	Recruitment, growth and recovery of commercial tree species over 30 years following logging and thinning in a tropical rain forest. *Forest Ecology and Management*, **2017**, 385, 225-235	3.9	43
27	The Tropical managed Forests Observatory: a research network addressing the future of tropical logged forests. *Applied Vegetation Science*, **2015**, 18, 171-174	3.3	40
26	Medium-term dynamics of tree species composition in response to silvicultural intervention intensities in a tropical rain forest. *Biological Conservation*, **2015**, 191, 577-586	6.2	39
25	Carbon recovery dynamics following disturbance by selective logging in Amazonian forests. *ELife*, **2016**, 5,	8.9	35
24	Can timber provision from Amazonian production forests be sustainable?. *Environmental Research Letters*, **2019**, 14, 064014	6.2	33
23	The Forest Observation System, building a global reference dataset for remote sensing of forest biomass. *Scientific Data*, **2019**, 6, 198	8.2	29
22	Estimation of mortality and survival of individual trees after harvesting wood using artificial neural networks in the amazon rain forest. *Ecological Engineering*, **2018**, 112, 140-147	3.9	24
21	Disturbance intensity is a stronger driver of biomass recovery than remaining tree-community attributes in a managed Amazonian forest. *Journal of Applied Ecology*, **2018**, 55, 1647-1657	5.8	23
20	Multiple Patterns of Forest Disturbance and Logging Shape Forest Landscapes in Paragominas, Brazil. *Forests*, **2016**, 7, 315	2.8	20
19	Prognosis on the diameter of individual trees on the eastern region of the amazon using artificial neural networks. *Forest Ecology and Management*, **2016**, 382, 161-167	3.9	18
18	A 7000-year history of changing plant trait composition in an Amazonian landscape; the role of humans and climate. *Ecology Letters*, **2019**, 22, 925-935	10	17

17	Assessing timber volume recovery after disturbance in tropical forests â A new modelling framework. *Ecological Modelling*, **2018**, 384, 353-369	3	17
16	Mortality of stocking commercial trees after reduced impact logging in eastern Amazonia. *Forest Ecology and Management*, **2017**, 401, 1-7	3.9	15
15	A methodological framework to assess the carbon balance of tropical managed forests. *Carbon Balance and Management*, **2016**, 11, 15	3.6	12
14	UAV-based canopy textures assess changes in forest structure from long-term degradation. *Ecological Indicators*, **2020**, 115, 106386	5.8	10
13	Rapid tree carbon stock recovery in managed Amazonian forests. *Current Biology*, **2015**, 25, 2738	6.3	6
12	Avaliaˆ o do plantio homogˆ neo de mogno, Swietenia macrophylla King, em compараˆ o com o plantio consorciado com Eucalyptus urophylla S. T. Blake, apˆ s 40 meses de idade. *Revista Arvore*, **2004**, 28, 775-784	1	5
11	Optimal strategies for ecosystem services provision in Amazonian production forests. *Environmental Research Letters*, **2019**, 14, 124090	6.2	4
10	PROGNOSE DA DISTRIBUIˆ O DIAMˆ TRICA NA AMAZˆ NIA UTILIZANDO REDES NEURAIS ARTIFICIAIS E AUTˆ MATOS CELULARES. *Floresta*, **2018**, 48, 93	0.6	4
9	Nouvelles connaissances sur la dynamique globale de la biomasse aprˆ s exploitation en forˆ t nord amazonienne. *Bois Et Forets Des Tropiques*, **2012**, 314, 41		3
8	Agrupamento de espˆ cies madeireiras da Amazˆ nia com base em propriedades fˆ sicas e mecˆ nicas. *Ciencia Florestal*, **2019**, 29, 336	1.1	3
7	Competition indices after reduced impact logging in the Brazilian Amazon. *Journal of Environmental Management*, **2021**, 281, 111898	7.9	2
6	The continuous timber production over cutting cycles in the Brazilian Amazon depends on volumes of species not harvested in previous cuts. *Forest Ecology and Management*, **2021**, 490, 119124	3.9	2
5	Financial variability of the second cutting of forest management in Tapajˆ s National Forest, Brazil. *Forest Policy and Economics*, **2022**, 136, 102694	3.6	1
4	Physical-mechanical characterization of two amazon woods coming from the second cutting cycle. *Anais Da Academia Brasileira De Ciencias*, **2018**, 90, 3565-3572	1.4	1
3	Artificial neural networks to estimate the physical-mechanical properties of amazon second cutting cycle wood. *Maderas: Ciencia Y Tecnologia*, **2018**, 0-0	1	1
2	Humipedon dynamics in lowland Amazonian forests: are there Amphi humus forms even in tropical rain forests?. *Geoderma*, **2022**, 418, 115849	6.7	1
1	Anˆ lise tˆ cnica e estimativas de custos de inventˆ rio de prospecˆ o em uma floresta estacional semidecidual submontana. *Revista Arvore*, **2005**, 29, 65-75	1	