Ademir R Ruschell

List of Publications by Citations

48 papers	2,211 citations	20 h-index	47 g-index
62 ext. papers	2,662 ext. citations	4.2 avg, IF	3.61 L-index

#	Paper	IF	Citations
48	Hyperdominance in the Amazonian tree flora. *Science*, **2013**, 342, 1243092	33.3	637
47	Persistent effects of pre-Columbian plant domestication on Amazonian forest composition. *Science* , **2017**, 355, 925-931	33.3	280
46	Diversity enhances carbon storage in tropical forests. *Global Ecology and Biogeography*, **2015**, 24, 1314-1328	6.28	245
45	Biodiversity and climate determine the functioning of Neotropical forests. *Global Ecology and Biogeography*, **2017**, 26, 1423-1434	6.1	110
44	Estimating the global conservation status of more than 15,000 Amazonian tree species. *Science Advances*, **2015**, 1, e1500936	14.3	91
43	Species Distribution Modelling: Contrasting presence-only models with plot abundance data. *Scientific Reports*, **2018**, 8, 1003	4.9	78
42	Rapid tree carbon stock recovery in managed Amazonian forests. *Current Biology*, **2015**, 25, R787-8	6.3	73
41	Above-ground biomass dynamics after reduced-impact logging in the Eastern Amazon. *Forest Ecology and Management*, **2010**, 259, 367-373	3.9	67
40	Phylogenetic diversity of Amazonian tree communities. *Diversity and Distributions*, **2015**, 21, 1295-1307	5	56
39	Old-growth Neotropical forests are shifting in species and trait composition. *Ecological Monographs* , **2016**, 86, 228-243	9	49
38	Fast demographic traits promote high diversification rates of Amazonian trees. *Ecology Letters*, **2014**, 17, 527-36	10	48
37	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
36	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
35	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
34	Carbon recovery dynamics following disturbance by selective logging in Amazonian forests. *ELife*, **2016**, 5,	8.9	35
33	The Forest Observation System, building a global reference dataset for remote sensing of forest biomass. *Scientific Data*, **2019**, 6, 198	8.2	29
32	Fenologia reprodutiva de esp^ ☐ies arb^ ☐eas em uma forma^ ☐☐o secund^ ☐ia da floresta Atl^ ☐tica. *Revista Arvore*, **2003**, 27, 451-458	1	27

31	Biased-corrected richness estimates for the Amazonian tree flora. *Scientific Reports*, **2020**, 10, 10130	4.9	24
30	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
29	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
28	Enrichment planting in logging gaps with Schizolobium parahyba var. amazonicum (Huber ex Ducke) Barneby: A financially profitable alternative for degraded tropical forests in the Amazon. *Forest Ecology and Management*, **2017**, 390, 166-172	3.9	20
27	Woody Plant Species Richness in the Turvo State Park, a Large Remnant of Deciduous Atlantic Forest, Brazil. *Biodiversity and Conservation*, **2007**, 16, 1699-1714	3.4	20
26	Rarity of monodominance in hyperdiverse Amazonian forests. *Scientific Reports*, **2019**, 9, 13822	4.9	19
25	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
24	Avalia ̂ ◻ ̃o do potencial madeireiro na Floresta Nacional do Tapaj ̂ ▯ ap ̂ ▯ 28 anos da explora ̂ ◻ ̃o florestal. *Pesquisa Florestal Brasileira*, **2010**, 30, 265-281	0.5	17
23	Secondary Forest Succession in the Mata Atlantica, Brazil: Floristic and Phytosociological Trends. *ISRN Ecology*, **2011**, 2011, 1-19		13
22	Valuation and characterization of the timber species in remnants of the Alto Uruguay River ecosystem, southern Brazil. *Forest Ecology and Management*, **2005**, 217, 103-116	3.9	10
21	Forest resilience to fire in eastern Amazon depends on the intensity of pre-fire disturbance. *Forest Ecology and Management*, **2020**, 472, 118258	3.9	8
20	Post-fire recovery of a dense ombrophylous forest in Amazon. *Anais Da Academia Brasileira De Ciencias*, **2019**, 91, e20170840	1.4	6
19	Rapid tree carbon stock recovery in managed Amazonian forests. *Current Biology*, **2015**, 25, 2738	6.3	6
18	Caracteriza ̂ ◻ ̃o e din ̂ ▯mica de duas fases sucessionais em floresta secund ̂ ▯ria da mata atl ̂ ▯ntica. *Revista Arvore*, **2009**, 33, 101-115	1	6
17	How long does the Amazon rainforest take to grow commercially sized trees? An estimation methodology for Manilkara elata (Allem ̂ ◻ ̃o ex Miq.) Monach. *Forest Ecology and Management*, **2020**, 473, 118333	3.9	6
16	The Contribution of Multiple Use Forest Management to Small Farmersâ◻Annual Incomes in the Eastern Amazon. *Forests*, **2014**, 5, 1508-1531	2.8	5
15	FOREST DYNAMICS IN THE EASTERN AMAZON WITH SPECIAL REFERENCE TO SAPOTACEAE SPECIES. *Floresta*, **2015**, 45, 567	0.6	4
14	EFEITO DA EXPLORA ̂ ◻◻ DE IMPACTO REDUZIDO EM ALGUMAS ESP ̂ ◻IES DE SAPOTACEAE NO LESTE DA AMAZ ̂ ▯NIA. *Floresta*, **2013**, 43, 395	0.6	4

13	Optimal strategies for ecosystem services provision in Amazonian production forests. *Environmental Research Letters*, **2019**, 14, 124090	6.2	4
12	Ci^ ncia Florestal. *Ciencia Florestal*,	1.1	3
11	Crescimento de mudas de Parkia gigantocarpa Ducke, em um sistema de enriquecimento em clareiras ap^ s a colheita de madeira. *Ciencia Florestal*, **2014**, 24,	1.1	3
10	Cedrela odorata L. TEM POTENCIAL PARA SER UTILIZADA NA SILVICULTURA P^ S-COLHEITA NA AMAZ^ NIA BRASILEIRA?. *Ciencia Florestal*, **2018**, 28, 1230	1.1	3
9	Changes caused by forest logging in structure and floristic diversity of natural regeneration: Relationship between climate variables and forest dynamics in the eastern Amazon. *Forest Ecology and Management*, **2021**, 482, 118862	3.9	3
8	La strat^ gie de mod^ lisation empirique « cohort » et son application pour l¿am^ nagement de la for^ t de Tapaj^ s, Par^ ¿Amazonie br^ silienne. *Bois Et Forets Des Tropiques*, **2012**, 314, 17		2
7	REPRESENTATIVIDADE E PRECIS^ O NA ESTIMATIVA DA DENSIDADE E ^ REA BASAL NA FLORESTA NACIONAL DO TAPAJ^ S. *Nativa*, **2019**, 7, 312	1.2	2
6	Crescimento diam^ trico e tempo de passagem de Minquartia guianensis ap^ s manejo na Floresta Nacional do Tapaj^ s. *Pesquisa Florestal Brasileira*, **2017**, 37, 299	0.5	2
5	Manejo de florestas naturais degradadas na Amaz^ nia: estudo de caso sobre crit^ rios de colheita. *Ciencia Florestal*, **2020**, 30, 43	1.1	2
4	Harvesting Criteria Application as a Technical and Financial Alternative for Management of Degraded Tropical Forests: A Case Study from Brazilian Amazon. *Diversity*, **2020**, 12, 373	2.5	2
3	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
2	Silvicultural Management System Applied to Logged Forests in the Brazilian Amazon: A Case Study of Adaptation of Techniques to Increase the Yield and Diversity of Species Forestry. *Diversity*, **2021**, 13, 509	2.5	
1	Woody plant species richness in the Turvo State park, a large remnant of deciduous Atlantic forest, Brazil. *Topics in Biodiversity and Conservation*, **2006**, 125-140	0.2	