

# Ademir R Ruschell

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

3,204  
citations

257429

24  
h-index

168376

53  
g-index

62  
all docs

62  
docs citations

62  
times ranked

5666  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperdominance in the Amazonian Tree Flora. <i>Science</i> , 2013, 342, 1243092.	12.6	873
2	Persistent effects of pre-Columbian plant domestication on Amazonian forest composition. <i>Science</i> , 2017, 355, 925-931.	12.6	443
3	Diversity enhances carbon storage in tropical forests. <i>Global Ecology and Biogeography</i> , 2015, 24, 1314-1328.	5.8	366
4	Biodiversity and climate determine the functioning of Neotropical forests. <i>Global Ecology and Biogeography</i> , 2017, 26, 1423-1434.	5.8	193
5	Estimating the global conservation status of more than 15,000 Amazonian tree species. <i>Science Advances</i> , 2015, 1, e1500936.	10.3	122
6	Species Distribution Modelling: Contrasting presence-only models with plot abundance data. <i>Scientific Reports</i> , 2018, 8, 1003.	3.3	113
7	Rapid tree carbon stock recovery in managed Amazonian forests. <i>Current Biology</i> , 2015, 25, R787-R788.	3.9	88
8	Above-ground biomass dynamics after reduced-impact logging in the Eastern Amazon. <i>Forest Ecology and Management</i> , 2010, 259, 367-373.	3.2	83
9	Phylogenetic diversity of Amazonian tree communities. <i>Diversity and Distributions</i> , 2015, 21, 1295-1307.	4.1	72
10	Recruitment, growth and recovery of commercial tree species over 30 years following logging and thinning in a tropical rain forest. <i>Forest Ecology and Management</i> , 2017, 385, 225-235.	3.2	64
11	Fast demographic traits promote high diversification rates of Amazonian trees. <i>Ecology Letters</i> , 2014, 17, 527-536.	6.4	63
12	Old-growth Neotropical forests are shifting in species and trait composition. <i>Ecological Monographs</i> , 2016, 86, 228-243.	5.4	61
13	Medium-term dynamics of tree species composition in response to silvicultural intervention intensities in a tropical rain forest. <i>Biological Conservation</i> , 2015, 191, 577-586.	4.1	54
14	Biased-corrected richness estimates for the Amazonian tree flora. <i>Scientific Reports</i> , 2020, 10, 10130.	3.3	53
15	The Tropical managed Forests Observatory: a research network addressing the future of tropical logged forests. <i>Applied Vegetation Science</i> , 2015, 18, 171-174.	1.9	47
16	Carbon recovery dynamics following disturbance by selective logging in Amazonian forests. <i>ELife</i> , 2016, 5, .	6.0	45
17	The Forest Observation System, building a global reference dataset for remote sensing of forest biomass. <i>Scientific Data</i> , 2019, 6, 198.	5.3	44
18	Fenologia reprodutiva de espécies arbóreas em uma floresta secundária da floresta Atlântica. <i>Revista Arvore</i> , 2003, 27, 451-458.	0.5	36

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19	Disturbance intensity is a stronger driver of biomass recovery than remaining tree community attributes in a managed Amazonian forest. <i>Journal of Applied Ecology</i> , 2018, 55, 1647-1657.	4.0	33
20	Estimation of mortality and survival of individual trees after harvesting wood using artificial neural networks in the amazon rain forest. <i>Ecological Engineering</i> , 2018, 112, 140-147.	3.6	33
21	Enrichment planting in logging gaps with <i>Schizolobium parahyba</i> var. <i>amazonicum</i> (Huber ex Ducke) Barneby: A financially profitable alternative for degraded tropical forests in the Amazon. <i>Forest Ecology and Management</i> , 2017, 390, 166-172.	3.2	32
22	Avaliaço do potencial madeireiro na Floresta Nacional do Tapajs aps 28 anos da exploraço florestal. <i>Pesquisa Florestal Brasileira</i> , 2010, 30, 265-281.	0.1	30
23	Rarity of monodominance in hyperdiverse Amazonian forests. <i>Scientific Reports</i> , 2019, 9, 13822.	3.3	28
24	Prognosis on the diameter of individual trees on the eastern region of the amazon using artificial neural networks. <i>Forest Ecology and Management</i> , 2016, 382, 161-167.	3.2	25
25	Woody Plant Species Richness in the Turvo State Park, a Large Remnant of Deciduous Atlantic Forest, Brazil. <i>Biodiversity and Conservation</i> , 2007, 16, 1699-1714.	2.6	23
26	Secondary Forest Succession in the Mata Atlantica, Brazil: Floristic and Phytosociological Trends. <i>ISRN Ecology</i> , 2011, 2011, 1-19.	1.0	20
27	Valuation and characterization of the timber species in remnants of the Alto Uruguay River ecosystem, southern Brazil. <i>Forest Ecology and Management</i> , 2005, 217, 103-116.	3.2	17
28	Forest resilience to fire in eastern Amazon depends on the intensity of pre-fire disturbance. <i>Forest Ecology and Management</i> , 2020, 472, 118258.	3.2	15
29	Caracterizaço e dinmica de duas fases sucessionais em floresta secundria da mata atlntica. <i>Revista Arvore</i> , 2009, 33, 101-115.	0.5	13
30	The Contribution of Multiple Use Forest Management to Small Farmers' Annual Incomes in the Eastern Amazon. <i>Forests</i> , 2014, 5, 1508-1531.	2.1	11
31	Optimal strategies for ecosystem services provision in Amazonian production forests. <i>Environmental Research Letters</i> , 2019, 14, 124090.	5.2	9
32	The continuous timber production over cutting cycles in the Brazilian Amazon depends on volumes of species not harvested in previous cuts. <i>Forest Ecology and Management</i> , 2021, 490, 119124.	3.2	9
33	Post-fire recovery of a dense ombrophylous forest in Amazon. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20170840.	0.8	8
34	How long does the Amazon rainforest take to grow commercially sized trees? An estimation methodology for <i>Manilkara elata</i> (Allemo ex Miq.) Monach. <i>Forest Ecology and Management</i> , 2020, 473, 118333.	3.2	8
35	Changes caused by forest logging in structure and floristic diversity of natural regeneration: Relationship between climate variables and forest dynamics in the eastern Amazon. <i>Forest Ecology and Management</i> , 2021, 482, 118862.	3.2	7
36	EFEITO DA EXPLORAçO DE IMPACTO REDUZIDO EM ALGUMAS ESPCIAS DE SAPOTACEAE NO LESTE DA AMAZNIA. <i>Floresta</i> , 2013, 43, 395.	0.2	6

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37	Rapid tree carbon stock recovery in managed Amazonian forests. <i>Current Biology</i> , 2015, 25, 2738.	3.9	6
38	FOREST DYNAMICS IN THE EASTERN AMAZON WITH SPECIAL REFERENCE TO SAPOTACEAE SPECIES. <i>Floresta</i> , 2015, 45, 567.	0.2	6
39	Crescimento de mudas de <i>Parkia gigantocarpa</i> Ducke, em um sistema de enriquecimento em clareiras após a colheita de madeira. <i>Ciencia Florestal</i> , 2014, 24, .	0.3	5
40	Manejo de florestas naturais degradadas na Amazônia: estudo de caso sobre critérios de colheita. <i>Ciencia Florestal</i> , 2020, 30, 43-59.	0.3	5
41	EFFECT OF TIMBER HARVESTING ON DENSITY AND BASAL AREA OF LECYTHIDACEAE SPECIES IN THE EASTERN AMAZON. <i>Floresta</i> , 2014, 44, 229.	0.2	4
42	<i>Cedrela odorata</i> L. TEM POTENCIAL PARA SER UTILIZADA NA SILVICULTURA PÓS-COLHEITA NA AMAZÔNIA BRASILEIRA?. <i>Ciencia Florestal</i> , 2018, 28, 1230.	0.3	4
43	Harvesting Criteria Application as a Technical and Financial Alternative for Management of Degraded Tropical Forests: A Case Study from Brazilian Amazon. <i>Diversity</i> , 2020, 12, 373.	1.7	3
44	La stratégie de modélisation empirique « cohort » et son application pour l'aménagement de la forêt de Tapajós, Pará, Amazonie brésilienne. <i>Bois Et Forêts Des Tropiques</i> , 2012, 314, 17.	0.2	2
45	REPRESENTATIVIDADE E PRECISÃO NA ESTIMATIVA DA DENSIDADE E ÁREA BASAL NA FLORESTA NACIONAL DO TAPAJÓS. <i>Nativa</i> , 2019, 7, 312.	0.4	2
46	Crescimento diamétrico e tempo de passagem de <i>Minuartia guianensis</i> após manejo na Floresta Nacional do Tapajós. <i>Pesquisa Florestal Brasileira</i> , 2017, 37, 299.	0.1	2
47	Modeling of tree recruitment by artificial neural networks after wood harvesting in a forest in eastern Amazon rain forest. <i>Ciencia Florestal</i> , 2019, 29, 583.	0.3	2
48	Fitossociologia e análise temporal do fragmento florestal urbano Capoeira do Black, Belém, Pará. <i>Research, Society and Development</i> , 2021, 10, e11010212301.	0.1	1
49	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. <i>Diversity</i> , 2021, 13, 509.	1.7	1
50	Estoque de duas espécies arbóreas ameaçadas de extinção aos 30 anos após a exploração na Amazônia oriental. <i>Scientia Forestalis/Forest Sciences</i> , 2018, 46, .	0.2	1
51	Dinâmica da regeneração natural de espécies madeireiras durante três décadas da exploração florestal na Floresta Nacional do Tapajós, Brasil. <i>Scientia Forestalis/Forest Sciences</i> , 2019, 47, .	0.2	1
52	Resiliência do volume de madeira de espécies comerciais em diferentes áreas experimentais na Amazônia Oriental. <i>Revista Ibero-americana De Ciências Ambientais</i> , 2019, 10, 15-31.	0.1	1
53	Resiliência da Biomassa Acima do Solo em Áreas Experimentais na Amazônia Oriental. <i>Biodiversidade Brasileira - BioBrasil</i> , 2020, , 74-83.	0.2	1
54	Resiliência da diversidade de espécies florestais em áreas experimentais na Amazônia oriental brasileira. <i>Research, Society and Development</i> , 2021, 10, e431101315484.	0.1	0

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55	Woody plant species richness in the Turvo State park, a large remnant of deciduous Atlantic forest, Brazil. <i>Topics in Biodiversity and Conservation</i> , 2006, , 125-140.	1.0	0
56	Dinâmica da população de <i>Lecythis idatimon</i> Aubl. no período de 30 anos em uma floresta de terra firme manejada na Amazônia brasileira. <i>Scientia Forestalis/Forest Sciences</i> , 2018, 46, .	0.2	0
57	Dinâmica da população de <i>Lecythis idatimon</i> Aubl. no período de trinta anos em uma floresta de terra firme manejada na Amazônia brasileira. <i>Scientia Forestalis/Forest Sciences</i> , 2018, 46, .	0.2	0
58	Tratamentos silviculturais e volume de madeira em uma área experimental de floresta nativa na Jari, Amapá. <i>Revista Ibero-americana De Ciências Ambientais</i> , 2019, 10, 50-66.	0.1	0
59	Composição e estrutura de uma floresta primária atingida por incêndio florestal na Amazônia Oriental. <i>Ciencia Florestal</i> , 2020, 30, 145.	0.3	0
60	Avaliação da estrutura florística em uma área de manejo florestal comunitário-empresarial localizada no município de Mojuá-dos Campos/PA.. <i>Revista Ibero-americana De Ciências Ambientais</i> , 2021, 12, 35-45.	0.1	0