

# Droughtâ€™mortality relationships for tropical forests

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effect of 7 yr of experimental drought on vegetation dynamics and biomass storage of an eastern Amazonian rainforest. <i>New Phytologist</i> , 2010, 187, 579-591.	7.3	293
2	Remote sensing detection of droughts in Amazonian forest canopies. <i>New Phytologist</i> , 2010, 187, 733-750.	7.3	174
3	Amazonian rain forests and drought: response and vulnerability. <i>New Phytologist</i> , 2010, 187, 553-557.	7.3	62
4	A drought-induced pervasive increase in tree mortality across Canada's boreal forests. <i>Nature Climate Change</i> , 2011, 1, 467-471.	18.8	653
5	Drought and ecosystem carbon cycling. <i>Agricultural and Forest Meteorology</i> , 2011, 151, 765-773.	4.8	446
6	Modeling water availability for trees in tropical forests. <i>Agricultural and Forest Meteorology</i> , 2011, 151, 1202-1213.	4.8	59
7	Crown fragmentation assessment in tropical trees: Method, insights and perspectives. <i>Forest Ecology and Management</i> , 2011, 261, 400-407.	3.2	28
8	Climate niches of milkweeds with plesiomorphic traits (Secamonoideae; Apocynaceae) and the milkweed sister group link ancient African climates and floral evolution. <i>American Journal of Botany</i> , 2011, 98, 1966-1977.	1.7	16
9	Impacts of warming on tropical lowland rainforests. <i>Trends in Ecology and Evolution</i> , 2011, 26, 606-613.	8.7	222
10	Change in hydraulic properties and leaf traits in a tall rainforest tree species subjected to long-term throughfall exclusion in the perhumid tropics. <i>Biogeosciences</i> , 2011, 8, 2179-2194.	3.3	38
11	Variation in above-ground forest biomass across broad climatic gradients. <i>Global Ecology and Biogeography</i> , 2011, 20, 744-754.	5.8	195
12	The Global Index of Vegetationâ€”Plot Databases (GIVD): a new resource for vegetation science. <i>Journal of Vegetation Science</i> , 2011, 22, 582-597.	2.2	251
13	Sensitivity of potential natural vegetation in China to projected changes in temperature, precipitation and atmospheric CO <sub>2</sub> . <i>Regional Environmental Change</i> , 2011, 11, 715-727.	2.9	37
14	Tropical forest backscatter anomaly evident in SeaWinds scatterometer morning overpass data during 2005 drought in Amazonia. <i>Remote Sensing of Environment</i> , 2011, 115, 897-907.	11.0	127
17	Variability in solar radiation and temperature explains observed patterns and trends in tree growth rates across four tropical forests. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3923-3931.	2.6	75
18	The viability of the GPS precipitable water vapor In detecting drought-causing El Niño-southern oscillation at the Borneo Island. , 2012, , .		0
19	Drought-induced tree mortality: ecological consequences, causes, and modeling. <i>Environmental Reviews</i> , 2012, 20, 109-121.	4.5	94
20	Genetic variation in the susceptibility of <i>Eucalyptus globulus</i> to drought damage. <i>Tree Genetics and Genomes</i> , 2012, 8, 757-773.	1.6	54

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21	Monodominance in a forest of <i>Brosimum rubescens</i> Taub. (Moraceae): Structure and dynamics of natural regeneration. <i>Acta Oecologica</i> , 2012, 43, 134-139.	1.1	15
22	Dynamics of carbon exchange in a <i>Eucalyptus</i> forest in response to interacting disturbance factors. <i>Agricultural and Forest Meteorology</i> , 2012, 153, 67-81.	4.8	91
23	Tree mortality following ENSO-associated fires and drought in lowland rain forests of Eastern Nicaragua. <i>Forest Ecology and Management</i> , 2012, 265, 248-257.	3.2	19
24	Detecting evidence for CO <sub>2</sub> fertilization from tree ring studies: The potential role of sampling biases. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	4.9	100
25	Drought-induced mortality of a Bornean tropical rain forest amplified by climate change. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	38
26	Root niche separation can explain avoidance of seasonal drought stress and vulnerability of overstory trees to extended drought in a mature Amazonian forest. <i>Water Resources Research</i> , 2012, 48, .	4.2	61
27	Linking definitions, mechanisms, and modeling of drought-induced tree death. <i>Trends in Plant Science</i> , 2012, 17, 693-700.	8.8	186
28	The Amazon basin in transition. <i>Nature</i> , 2012, 481, 321-328.	27.8	922
29	Is climate a stronger driver of tree growth than disturbance? A comment on Toledo <i>et al.</i> (2011). <i>Journal of Ecology</i> , 2012, 100, 1065-1068.	4.0	3
30	The Effect of Habitat Association and Edaphic Conditions on Tree Mortality during El Niño-induced Drought in a Bornean Dipterocarp Forest. <i>Biotropica</i> , 2012, 44, 606-617.	1.6	43
31	Drought-induced shifts in the floristic and functional composition of tropical forests in Ghana. <i>Ecology Letters</i> , 2012, 15, 1120-1129.	6.4	205
32	Can hydraulic traits be used to predict sensitivity of drought-prone forests to crown decline and tree mortality?. <i>Plant and Soil</i> , 2013, 364, 1-3.	3.7	6
33	Large trees drive forest aboveground biomass variation in moist lowland forests across the tropics. <i>Global Ecology and Biogeography</i> , 2013, 22, 1261-1271.	5.8	365
34	Residence times of woody biomass in tropical forests. <i>Plant Ecology and Diversity</i> , 2013, 6, 139-157.	2.4	104
35	The Hill of Six Lakes revisited: new data and re-evaluation of a key Pleistocene Amazon site. <i>Quaternary Science Reviews</i> , 2013, 76, 140-155.	3.0	60
36	Feature: Improving our knowledge of drought-induced forest mortality through experiments, observations, and modeling. <i>New Phytologist</i> , 2013, 200, 289-293.	7.3	113
37	Slow-growing species cope best with drought: evidence from long-term measurements in a tropical semi-deciduous moist forest of Central Africa. <i>Journal of Ecology</i> , 2013, 101, 1459-1470.	4.0	77
38	Evaluating theories of drought-induced vegetation mortality using a multimodel "experiment" framework. <i>New Phytologist</i> , 2013, 200, 304-321.	7.3	340

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39	Water-use efficiency and whole-plant performance of nine tropical tree species at two sites with contrasting water availability in Panama. <i>Trees - Structure and Function</i> , 2013, 27, 639-653.	1.9	25
40	Drought's legacy: multiyear hydraulic deterioration underlies widespread aspen forest die-off and portends increased future risk. <i>Global Change Biology</i> , 2013, 19, 1188-1196.	9.5	307
41	Detecting trends in tree growth: not so simple. <i>Trends in Plant Science</i> , 2013, 18, 11-17.	8.8	222
42	Evaluation of terrestrial carbon cycle models for their response to climate variability and to <scp>CO<sub>2</sub></scp> trends. <i>Global Change Biology</i> , 2013, 19, 2117-2132.	9.5	617
43	Effects of 50years of selective logging on demography of trees in a Malaysian lowland forest. <i>Forest Ecology and Management</i> , 2013, 310, 531-538.	3.2	28
44	The Response of Tropical Rainforest Dead Wood Respiration to Seasonal Drought. <i>Ecosystems</i> , 2013, 16, 1294-1309.	3.4	14
45	Response of vegetation to drought time-scales across global land biomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 52-57.	7.1	1,077
46	Response of African humid tropical forests to recent rainfall anomalies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120306.	4.0	75
47	Persistent effects of a severe drought on Amazonian forest canopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 565-570.	7.1	334
48	Response of an old-growth tropical rainforest to transient high temperature and drought. <i>Global Change Biology</i> , 2013, 19, 3423-3434.	9.5	25
49	Effects of topography, soil type and forest age on the frequency and size distribution of canopy gap disturbances in a tropical forest. <i>Biogeosciences</i> , 2013, 10, 6769-6781.	3.3	24
50	Improving simulated Amazon forest biomass and productivity by including spatial variation in biophysical parameters. <i>Biogeosciences</i> , 2013, 10, 2255-2272.	3.3	52
51	Toward Trait-Based Mortality Models for Tropical Forests. <i>PLoS ONE</i> , 2013, 8, e63678.	2.5	24
52	Increased Drought Impacts on Temperate Rainforests from Southern South America: Results of a Process-Based, Dynamic Forest Model. <i>PLoS ONE</i> , 2014, 9, e103226.	2.5	18
53	Are Commonly Measured Functional Traits Involved in Tropical Tree Responses to Climate?. <i>International Journal of Ecology</i> , 2014, 2014, 1-10.	0.8	16
54	The influence of the conservation status and changes in the rainfall regime on forest-savanna mosaic dynamics in Northern Brazilian Amazonia. <i>Acta Amazonica</i> , 2014, 44, 197-206.	0.7	13
55	Predicting the response of the Amazon rainforest to persistent drought conditions under current and future climates: a major challenge for global land surface models. <i>Geoscientific Model Development</i> , 2014, 7, 2933-2950.	3.6	39
57	Rainfall and temperature affect tree species distribution in Ghana. <i>Journal of Tropical Ecology</i> , 2014, 30, 435-446.	1.1	48

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60	Substantial reorganization of China's tropical and subtropical forests: based on the permanent plots. <i>Global Change Biology</i> , 2014, 20, 240-250.	9.5	81
61	Replicated throughfall exclusion experiment in an Indonesian perhumid rainforest: wood production, litter fall and fine root growth under simulated drought. <i>Global Change Biology</i> , 2014, 20, 1481-1497.	9.5	49
62	Impact of Evapotranspiration on Dry Season Climate in the Amazon Forest*. <i>Journal of Climate</i> , 2014, 27, 574-591.	3.2	45
63	Ecosystem respiration and net primary productivity after 8–10 years of experimental through-fall reduction in an eastern Amazon forest. <i>Plant Ecology and Diversity</i> , 2014, 7, 7-24.	2.4	52
64	Disequilibrium and hyperdynamic tree turnover at the forest–cerrado transition zone in southern Amazonia. <i>Plant Ecology and Diversity</i> , 2014, 7, 281-292.	2.4	97
65	The sensitivity of wood production to seasonal and interannual variations in climate in a lowland Amazonian rainforest. <i>Oecologia</i> , 2014, 174, 295-306.	2.0	38
66	Loss of whole-tree hydraulic conductance during severe drought and multi-year forest die-off. <i>Oecologia</i> , 2014, 175, 11-23.	2.0	69
67	Tree mortality in response to climate change induced drought across Beijing, China. <i>Climatic Change</i> , 2014, 124, 179-190.	3.6	35
68	Changing precipitation regimes and the water and carbon economies of trees. <i>Theoretical and Experimental Plant Physiology</i> , 2014, 26, 65-82.	2.4	31
69	Moisture status during a strong El Niño explains a tropical montane cloud forest's upper limit. <i>Oecologia</i> , 2014, 175, 273-284.	2.0	31
70	Time-dependent effects of climate and drought on tree growth in a Neotropical dry forest: Short-term tolerance vs. long-term sensitivity. <i>Agricultural and Forest Meteorology</i> , 2014, 188, 13-23.	4.8	65
71	Tropical forest wood production: a cross-continental comparison. <i>Journal of Ecology</i> , 2014, 102, 1025-1037.	4.0	77
72	Biotic congruence in humid tropical forests: A multi-taxa examination of spatial distribution and responses to forest disturbance. <i>Ecological Indicators</i> , 2014, 36, 572-581.	6.3	21
73	Sensitivity of tropical forest aboveground productivity to climate anomalies in SW Costa Rica. <i>Global Biogeochemical Cycles</i> , 2014, 28, 1437-1454.	4.9	26
74	Big eucalypts grow more slowly in a warm climate: evidence of an interaction between tree size and temperature. <i>Global Change Biology</i> , 2014, 20, 2793-2799.	9.5	46
75	Perturbations in the carbon budget of the tropics. <i>Global Change Biology</i> , 2014, 20, 3238-3255.	9.5	145
76	Interacting Regional-Scale Regime Shifts for Biodiversity and Ecosystem Services. <i>BioScience</i> , 2014, 64, 665-679.	4.9	41
77	The importance of hydraulic conductivity and wood density to growth performance in eight tree species from a tropical semi-dry climate. <i>Forest Ecology and Management</i> , 2014, 330, 126-136.	3.2	80

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78	Impact of large-scale climate extremes on biospheric carbon fluxes: An intercomparison based on MSTMIP data. <i>Global Biogeochemical Cycles</i> , 2014, 28, 585-600.	4.9	181
79	Drought changes the structure and elemental composition of very fine roots in seedlings of ten woody tree species. Implications for a drier climate. <i>Plant and Soil</i> , 2014, 384, 113-129.	3.7	74
80	Environmental change and the carbon balance of Amazonian forests. <i>Biological Reviews</i> , 2014, 89, 913-931.	10.4	208
81	Caatinga, the Brazilian dry tropical forest: can it tolerate climate changes?. <i>Theoretical and Experimental Plant Physiology</i> , 2014, 26, 83-99.	2.4	136
82	Drought survival of tropical tree seedlings enhanced by non-structural carbohydrate levels. <i>Nature Climate Change</i> , 2014, 4, 710-714.	18.8	360
83	Effects of fine-scale soil moisture and canopy heterogeneity on energy and water fluxes in a northern temperate mixed forest. <i>Agricultural and Forest Meteorology</i> , 2014, 184, 243-256.	4.8	25
84	Terrestrial and Inland Water Systems. , 0, , 271-360.		25
85	Can MODIS EVI monitor ecosystem productivity in the Amazon rainforest?. <i>Geophysical Research Letters</i> , 2014, 41, 7176-7183.	4.0	42
86	Forests and global change: an overview. , 0, , 1-18.		1
87	Recent changes in tropical forest biomass and dynamics. , 2014, , 77-108.		10
88	Drought as a driver of tropical tree species regeneration dynamics and distribution patterns. , 2014, , 261-308.		38
89	Disruption of hydroecological equilibrium in southwest Amazon mediated by drought. <i>Geophysical Research Letters</i> , 2015, 42, 7546-7553.	4.0	34
90	Larger trees suffer most during drought in forests worldwide. <i>Nature Plants</i> , 2015, 1, 15139.	9.3	622
91	Size-related scaling of tree form and function in a mixed-age forest. <i>Functional Ecology</i> , 2015, 29, 1587-1602.	3.6	39
92	Are functional traits a good predictor of global change impacts on tree species abundance dynamics in a subtropical forest?. <i>Ecology Letters</i> , 2015, 18, 1181-1189.	6.4	76
93	Forest resilience and tipping points at different spatio-temporal scales: approaches and challenges. <i>Journal of Ecology</i> , 2015, 103, 5-15.	4.0	224
94	Climate change effects on the geographic distribution of specialist tree species of the Brazilian tropical dry forests. <i>Brazilian Journal of Biology</i> , 2015, 75, 679-684.	0.9	35
95	Identifying climatic drivers of tropical forest dynamics. <i>Biogeosciences</i> , 2015, 12, 5583-5596.	3.3	24

#	ARTICLE	IF	CITATIONS
96	Are Mixed Tropical Tree Plantations More Resistant to Drought than Monocultures?. <i>Forests</i> , 2015, 6, 2029-2046.	2.1	29
97	Twentieth-century shifts in forest structure in California: Denser forests, smaller trees, and increased dominance of oaks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1458-1463.	7.1	199
98	Genetic architecture of carbon isotope composition and growth in <i>Eucalyptus</i> across multiple environments. <i>New Phytologist</i> , 2015, 206, 1437-1449.	7.3	20
99	Tree growth variation in the tropical forest: understanding effects of temperature, rainfall and $\text{CO}_2$ . <i>Global Change Biology</i> , 2015, 21, 2749-2761.	9.5	50
100	Impacts of an Extreme Precipitation Event on Dipterocarp Mortality and Habitat Filtering in a Bornean Tropical Rain Forest. <i>Biotropica</i> , 2015, 47, 66-76.	1.6	24
101	Urgent need for warming experiments in tropical forests. <i>Global Change Biology</i> , 2015, 21, 2111-2121.	9.5	168
102	New insights into mechanisms driving carbon allocation in tropical forests. <i>New Phytologist</i> , 2015, 205, 137-146.	7.3	23
103	Effects of Warming and Drought on the Vegetation and Plant Diversity in the Amazon Basin. <i>Botanical Review</i> , The, 2015, 81, 42-69.	3.9	37
104	A comparison of plot-based satellite and Earth system model estimates of tropical forest net primary production. <i>Global Biogeochemical Cycles</i> , 2015, 29, 626-644.	4.9	55
105	Nutrient limitation of eco-physiological processes in tropical trees. <i>Trees - Structure and Function</i> , 2015, 29, 1291-1300.	1.9	31
106	Drought impacts on children's respiratory health in the Brazilian Amazon. <i>Scientific Reports</i> , 2014, 4, 3726.	3.3	92
107	Wood Anatomy and Plant Hydraulics in a Changing Climate. , 2015, , 235-253.		36
108	Hyperdominance in Amazonian forest carbon cycling. <i>Nature Communications</i> , 2015, 6, 6857.	12.8	214
109	Evapotranspiration deficit controls net primary production and growth of silver fir: Implications for Circum-Mediterranean forests under forecasted warmer and drier conditions. <i>Agricultural and Forest Meteorology</i> , 2015, 206, 45-54.	4.8	68
110	Tree mortality predicted from drought-induced vascular damage. <i>Nature Geoscience</i> , 2015, 8, 367-371.	12.9	317
111	Investigating El Niño-Southern Oscillation and society relationships. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2015, 6, 17-34.	8.1	49
112	The relative importance of climate, stand variables and liana abundance for carbon storage in tropical forests. <i>Global Ecology and Biogeography</i> , 2015, 24, 939-949.	5.8	35
113	Drought tolerance as predicted by leaf water potential at turgor loss point varies strongly across species within an Amazonian forest. <i>Functional Ecology</i> , 2015, 29, 1268-1277.	3.6	151

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114	Response of the Amazon carbon balance to the 2010 drought derived with CarbonTracker South America. <i>Global Biogeochemical Cycles</i> , 2015, 29, 1092-1108.	4.9	70
115	Projections of future meteorological drought and wet periods in the Amazon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13172-13177.	7.1	265
116	On underestimation of global vulnerability to tree mortality and forest die-off from hotter drought in the Anthropocene. <i>Ecosphere</i> , 2015, 6, 1-55.	2.2	1,739
117	Threshold Responses to Soil Moisture Deficit by Trees and Soil in Tropical Rain Forests: Insights from Field Experiments. <i>BioScience</i> , 2015, 65, 882-892.	4.9	109
118	Climate-resilient agroforestry: physiological responses to climate change and engineering of crassulacean acid metabolism (<sc>CAM</sc>) as a mitigation strategy. <i>Plant, Cell and Environment</i> , 2015, 38, 1833-1849.	5.7	59
119	Variations in evapotranspiration and climate for an Amazonian semi-deciduous forest over seasonal, annual, and El Niño cycles. <i>International Journal of Biometeorology</i> , 2015, 59, 217-230.	3.0	35
120	Species-specific determinants of mortality and recruitment in the forest-steppe ecotone of northeast China. <i>Forestry Chronicle</i> , 2016, 92, 336-344.	0.6	6
121	Multi-gas and multi-source comparisons of six land use emission datasets and AFOLU estimates in the Fifth Assessment Report, for the tropics for 2000-2005. <i>Biogeosciences</i> , 2016, 13, 5799-5819.	3.3	8
122	Linking hydraulic traits to tropical forest function in a size-structured and trait-driven model (TFSv1-Hydro). <i>Geoscientific Model Development</i> , 2016, 9, 4227-4255.	3.6	211
123	Belowground Response to Drought in a Tropical Forest Soil. II. Change in Microbial Function Impacts Carbon Composition. <i>Frontiers in Microbiology</i> , 2016, 7, 323.	3.5	46
124	Trait Acclimation Mitigates Mortality Risks of Tropical Canopy Trees under Global Warming. <i>Frontiers in Plant Science</i> , 2016, 7, 607.	3.6	11
125	Local and regional determinants of vascular epiphyte mortality in the Andean mountains of Colombia. <i>Journal of Ecology</i> , 2016, 104, 841-849.	4.0	22
126	Modeling plant-water interactions: an ecohydrological overview from the cell to the global scale. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, 327-368.	6.5	163
127	Forest structure along a 600km transect of natural disturbances and seasonality gradients in central-southern Amazonia. <i>Journal of Ecology</i> , 2016, 104, 1335-1346.	4.0	30
128	Evaluating the drought response of CMIP5 models using global gross primary productivity, leaf area, precipitation, and soil moisture data. <i>Global Biogeochemical Cycles</i> , 2016, 30, 1827-1846.	4.9	61
129	A trait-mediated, neighbourhood approach to quantify climate impacts on successional dynamics of tropical rainforests. <i>Functional Ecology</i> , 2016, 30, 157-167.	3.6	61
130	When a Tree Dies in the Forest: Scaling Climate-Driven Tree Mortality to Ecosystem Water and Carbon Fluxes. <i>Ecosystems</i> , 2016, 19, 1133-1147.	3.4	73
131	Seasonal and interannual changes in vegetation activity of tropical forests in Southeast Asia. <i>Agricultural and Forest Meteorology</i> , 2016, 224, 1-10.	4.8	63

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132	Climate-related phenology of <i>Mauritia flexuosa</i> in the Colombian Amazon. <i>Plant Ecology</i> , 2016, 217, 1207-1218.	1.6	8
133	Groundwater and Surface Water Interactions in Relation to Natural and Anthropogenic Environmental Changes. , 2016, , 289-326.		12
134	Impacts of climate variability on tree demography in second growth tropical forests: the importance of regional context for predicting successional trajectories. <i>Biotropica</i> , 2016, 48, 780-797.	1.6	50
135	Global change effects on humid tropical forests: Evidence for biogeochemical and biodiversity shifts at an ecosystem scale. <i>Reviews of Geophysics</i> , 2016, 54, 523-610.	23.0	73
136	Species with greater seed mass are more tolerant of conspecific neighbours: a key driver of early survival and future abundances in a tropical forest. <i>Ecology Letters</i> , 2016, 19, 1071-1080.	6.4	102
137	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
138	Recent Changes in Amazon Forest Biomass and Dynamics. <i>Ecological Studies</i> , 2016, , 191-224.	1.2	11
139	Modelling Amazonian Carbon Budgets and Vegetation Dynamics in a Changing Climate. <i>Ecological Studies</i> , 2016, , 331-366.	1.2	3
140	The Impact of Land Use on Carbon Stocks and Fluxes in Brazilian Amazonia: Implications for Policy. <i>Ecological Studies</i> , 2016, , 385-405.	1.2	4
141	The Amazon Carbon Balance: An Evaluation of Methods and Results. <i>Ecological Studies</i> , 2016, , 79-100.	1.2	5
142	Fluvial carbon export from a lowland Amazonian rainforest in relation to atmospheric fluxes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 3001-3018.	3.0	13
143	Surrogate species protection in Bolivia under climate and land cover change scenarios. <i>Journal for Nature Conservation</i> , 2016, 34, 107-117.	1.8	7
144	Inter-annual variations of net ecosystem productivity of a primeval tropical forest basing on a biometric method with a long-term data in Pasoh, Peninsular Malaysia. <i>Tropics</i> , 2016, 25, 1-12.	0.8	6
145	Climatic controls on the isotopic composition and availability of soil nitrogen across mountainous tropical forest. <i>Ecosphere</i> , 2016, 7, e01412.	2.2	10
146	Old-growth Neotropical forests are shifting in species and trait composition. <i>Ecological Monographs</i> , 2016, 86, 228-243.	5.4	61
147	Amazon forest response to repeated droughts. <i>Global Biogeochemical Cycles</i> , 2016, 30, 964-982.	4.9	201
148	Changes in plant functional traits and water use in Atlantic rainforest: evidence of conservative water use in spatio-temporal scales. <i>Trees - Structure and Function</i> , 2016, 30, 47-61.	1.9	29
149	The Impacts of Droughts in Tropical Forests. <i>Trends in Plant Science</i> , 2016, 21, 584-593.	8.8	161

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150	Discrimination of tropical forest types, dominant species, and mapping of functional guilds by hyperspectral and simulated multispectral Sentinel-2 data. <i>Remote Sensing of Environment</i> , 2016, 176, 163-176.	11.0	145
151	Drought Survival Strategies of Tropical Trees. <i>Tree Physiology</i> , 2016, , 243-258.	2.5	34
152	Tracheid anatomical responses to climate in a forest-steppe in Southern Siberia. <i>Dendrochronologia</i> , 2016, 39, 32-41.	2.2	41
153	Is Photosynthesis Nutrient Limited in Tropical Trees?. <i>Tree Physiology</i> , 2016, , 299-315.	2.5	8
154	The Effects of Rising Temperature on the Ecophysiology of Tropical Forest Trees. <i>Tree Physiology</i> , 2016, , 385-412.	2.5	36
155	Toward accounting for ecoclimate teleconnections: intra- and inter-continental consequences of altered energy balance after vegetation change. <i>Landscape Ecology</i> , 2016, 31, 181-194.	4.2	53
156	Sap flux – a real time assessment of health status in Norway spruce. <i>Scandinavian Journal of Forest Research</i> , 2016, 31, 450-457.	1.4	11
157	The response of tropical rainforests to drought – lessons from recent research and future prospects. <i>Annals of Forest Science</i> , 2016, 73, 27-44.	2.0	123
158	Assessing the influences of tree species, elevation and climate on tree-ring growth in the Qilian Mountains of northwest China. <i>Trees - Structure and Function</i> , 2017, 31, 393-404.	1.9	23
159	Topographic distributions of emergent trees in tropical forests of the Osa Peninsula, Costa Rica. <i>Ecography</i> , 2017, 40, 829-839.	4.5	10
160	A synthesis of tree functional traits related to drought-induced mortality in forests across climatic zones. <i>Journal of Applied Ecology</i> , 2017, 54, 1669-1686.	4.0	148
161	Tree mortality across biomes is promoted by drought intensity, lower wood density and higher specific leaf area. <i>Ecology Letters</i> , 2017, 20, 539-553.	6.4	348
162	Abiotic and biotic drivers of biomass change in a Neotropical forest. <i>Journal of Ecology</i> , 2017, 105, 1223-1234.	4.0	112
163	Intra-annual plasticity of growth mediates drought resilience over multiple years in tropical seedling communities. <i>Global Change Biology</i> , 2017, 23, 4235-4244.	9.5	28
164	Differences in xylem and leaf hydraulic traits explain differences in drought tolerance among mature Amazon rainforest trees. <i>Global Change Biology</i> , 2017, 23, 4280-4293.	9.5	66
165	Amplification of wildfire area burnt by hydrological drought in the humid tropics. <i>Nature Climate Change</i> , 2017, 7, 428-431.	18.8	96
166	Decomposition rates of coarse woody debris in undisturbed Amazonian seasonally flooded and unflooded forests in the Rio Negro-Rio Branco Basin in Roraima, Brazil. <i>Forest Ecology and Management</i> , 2017, 397, 1-9.	3.2	17
167	Modeling tree mortality in relation to climate, initial planting density, and competition in Chinese fir plantations using a Bayesian logistic multilevel method. <i>Canadian Journal of Forest Research</i> , 2017, 47, 1278-1285.	1.7	29

#	ARTICLE	IF	CITATIONS
168	The movement of pre-adapted cool taxa in north-central Amazonia during the last glacial. <i>Quaternary Science Reviews</i> , 2017, 169, 1-12.	3.0	16
169	Estimating carbon stock in lowland Papua New Guinean forest: Low density of large trees results in lower than global average carbon stock. <i>Austral Ecology</i> , 2017, 42, 964-975.	1.5	7
170	Tree growth response of <i>Fokienia hodginsii</i> to recent climate warming and drought in southwest China. <i>International Journal of Biometeorology</i> , 2017, 61, 2085-2096.	3.0	13
171	Biogeographic distributions of neotropical trees reflect their directly measured drought tolerances. <i>Scientific Reports</i> , 2017, 7, 8334.	3.3	51
172	Benchmarking carbon fluxes of the ISIMIP2a biome models. <i>Environmental Research Letters</i> , 2017, 12, 045002.	5.2	30
173	Drought-induced mortality patterns and rapid biomass recovery in a terra firme forest in the Colombian Amazon. <i>Ecology</i> , 2017, 98, 2538-2546.	3.2	52
174	Biodiversity and climate determine the functioning of Neotropical forests. <i>Global Ecology and Biogeography</i> , 2017, 26, 1423-1434.	5.8	193
175	Measuring canopy loss and climatic thresholds from an extreme drought along a fivefold precipitation gradient across Texas. <i>Global Change Biology</i> , 2017, 23, 5120-5135.	9.5	34
176	Vulnerability to xylem embolism as a major correlate of the environmental distribution of rain forest species on a tropical island. <i>Plant, Cell and Environment</i> , 2017, 40, 277-289.	5.7	67
177	Vegetation dynamics and rainfall sensitivity for different vegetation types of the Australian continent in the dry period 2002-2010. <i>Ecohydrology</i> , 2017, 10, e1811.	2.4	12
178	Wood traits related to size and life history of trees in a Panamanian rainforest. <i>New Phytologist</i> , 2017, 213, 170-180.	7.3	80
179	Community variation in wood density along a bioclimatic gradient on a hyperdiverse tropical island. <i>Journal of Vegetation Science</i> , 2017, 28, 19-33.	2.2	26
180	Effects of rainfall exclusion on leaf gas exchange traits and osmotic adjustment in mature canopy trees of <i>Dryobalanops aromatica</i> (Dipterocarpaceae) in a Malaysian tropical rain forest. <i>Tree Physiology</i> , 2017, 37, 1301-1311.	3.1	25
181	Long-term carbon sink in Borneo's forests halted by drought and vulnerable to edge effects. <i>Nature Communications</i> , 2017, 8, 1966.	12.8	116
182	Tree co-occurrence and transcriptomic response to drought. <i>Nature Communications</i> , 2017, 8, 1996.	12.8	21
183	Decadal-scale relationship between measurements of aerosols, land-use change, and fire over Southeast Asia. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 721-743.	4.9	26
184	Retention of stored water enables tropical tree saplings to survive extreme drought conditions. <i>Tree Physiology</i> , 2017, 37, 469-480.	3.1	18
185	Episodic Canopy Structural Transformations and Biological Invasion in a Hawaiian Forest. <i>Frontiers in Plant Science</i> , 2017, 8, 1256.	3.6	6

#	ARTICLE	IF	CITATIONS
186	Carbon Emissions from Deforestation and Degradation in a Forest Reserve in Venezuela between 1990 and 2015. <i>Forests</i> , 2017, 8, 291.	2.1	9
187	Relationship of Climatic and Forest Factors to Drought- and Heat-Induced Tree Mortality. <i>PLoS ONE</i> , 2017, 12, e0169770.	2.5	35
188	Demographic trends and climate over 35 years in the Barro Colorado 50 ha plot. <i>Forest Ecosystems</i> , 2017, 4, .	3.1	47
189	Coordination and trade-offs among hydraulic safety, efficiency and drought avoidance traits in Amazonian rainforest canopy tree species. <i>New Phytologist</i> , 2018, 218, 1015-1024.	7.3	97
190	El Niño drought increased canopy turnover in Amazon forests. <i>New Phytologist</i> , 2018, 219, 959-971.	7.3	65
191	Drought drives rapid shifts in tropical rainforest soil biogeochemistry and greenhouse gas emissions. <i>Nature Communications</i> , 2018, 9, 1348.	12.8	121
192	Future global productivity will be affected by plant trait response to climate. <i>Scientific Reports</i> , 2018, 8, 2870.	3.3	95
193	Drivers and mechanisms of tree mortality in moist tropical forests. <i>New Phytologist</i> , 2018, 219, 851-869.	7.3	341
194	Recent progress in understanding climate thresholds. <i>Progress in Physical Geography</i> , 2018, 42, 24-60.	3.2	18
195	Shock and stabilisation following long-term drought in tropical forest from 15 years of litterfall dynamics. <i>Journal of Ecology</i> , 2018, 106, 1673-1682.	4.0	26
196	The roots of the drought: Hydrology and water uptake strategies mediate forest-wide demographic response to precipitation. <i>Journal of Ecology</i> , 2018, 106, 1495-1507.	4.0	53
197	Responses of seedling performance to altered seasonal precipitation in a secondary tropical forest, southern China. <i>Forest Ecology and Management</i> , 2018, 410, 27-34.	3.2	15
198	On the relationship between fire regime and vegetation structure in the tropics. <i>New Phytologist</i> , 2018, 218, 153-166.	7.3	64
199	Forest response to rising CO <sub>2</sub> drives zonally asymmetric rainfall change over tropical land. <i>Nature Climate Change</i> , 2018, 8, 434-440.	18.8	80
200	Climate and fragmentation affect forest structure at the southern border of Amazonia. <i>Plant Ecology and Diversity</i> , 2018, 11, 13-25.	2.4	12
201	Long-term experimental drought combined with natural extremes accelerate vegetation shift in a Mediterranean holm oak forest. <i>Environmental and Experimental Botany</i> , 2018, 151, 1-11.	4.2	32
202	Changes in tree resistance, recovery and resilience across three successive extreme droughts in the northeast Iberian Peninsula. <i>Oecologia</i> , 2018, 187, 343-354.	2.0	94
203	Drought tolerance traits predict survival ratio of native tree species planted in a subtropical degraded hilly area in South China. <i>Forest Ecology and Management</i> , 2018, 418, 41-46.	3.2	17

#	ARTICLE	IF	CITATIONS
204	Disentangling competitive vs. climatic drivers of tropical forest mortality. <i>Journal of Ecology</i> , 2018, 106, 1165-1179.	4.0	33
205	Vegetation demographics in Earth System Models: A review of progress and priorities. <i>Global Change Biology</i> , 2018, 24, 35-54.	9.5	478
206	Environmental heterogeneity and biotic interactions mediate climate impacts on tropical forest regeneration. <i>Global Change Biology</i> , 2018, 24, e692-e704.	9.5	81
207	Beyond climate control on species range: The importance of soil data to predict distribution of Amazonian plant species. <i>Journal of Biogeography</i> , 2018, 45, 190-200.	3.0	81
208	Seasonal patterns in rainforest litterfall: Detecting endogenous and environmental influences from long-term sampling. <i>Austral Ecology</i> , 2018, 43, 225-235.	1.5	7
209	Improving predictions of tropical forest response to climate change through integration of field studies and ecosystem modeling. <i>Global Change Biology</i> , 2018, 24, e213-e232.	9.5	48
210	Burned-Area Detection in Amazonian Environments Using Standardized Time Series Per Pixel in MODIS Data. <i>Remote Sensing</i> , 2018, 10, 1904.	4.0	23
211	ENSO effects on the transpiration of eastern Amazon trees. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20180085.	4.0	28
212	Interactive effects of tree size, crown exposure and logging on drought-induced mortality. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20180189.	4.0	14
213	Plant Hydraulic Trait Covariation: A Global Meta-Analysis to Reduce Degrees of Freedom in Trait-Based Hydrologic Models. <i>Forests</i> , 2018, 9, 446.	2.1	13
214	Drought and Land-Cover Conditions in the Great Plains. <i>Earth Interactions</i> , 2018, 22, 1-25.	1.5	8
215	Remote sensing restores predictability of ectotherm body temperature in the world's forests. <i>Global Ecology and Biogeography</i> , 2018, 27, 1412-1425.	5.8	7
216	Changes in the Carbon and Water Fluxes of Subtropical Forest Ecosystems in South-Western China Related to Drought. <i>Water (Switzerland)</i> , 2018, 10, 821.	2.7	5
217	Tree height matters. <i>Nature Geoscience</i> , 2018, 11, 390-391.	12.9	14
218	Ecosystem heterogeneity and diversity mitigate Amazon forest resilience to frequent extreme droughts. <i>New Phytologist</i> , 2018, 219, 914-931.	7.3	64
219	Forest drought resistance distinguished by canopy height. <i>Environmental Research Letters</i> , 2018, 13, 075003.	5.2	20
220	Environmental drivers of forest structure and stem turnover across Venezuelan tropical forests. <i>PLoS ONE</i> , 2018, 13, e0198489.	2.5	22
221	Cambial phenology and xylogenesis of <i>Juniperus przewalskii</i> over a climatic gradient is influenced by both temperature and drought. <i>Agricultural and Forest Meteorology</i> , 2018, 260-261, 165-175.	4.8	44

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222	Assessing the adaptability of alien ( <i>Larix kaempferi</i> ) and native ( <i>Pinus armandii</i> ) tree species at the Baiyunshan Mountain, central China. <i>Ecological Indicators</i> , 2018, 95, 108-116.	6.3	9
223	Dry-season decline in tree sapflux is correlated with leaf turgor loss point in a tropical rainforest. <i>Functional Ecology</i> , 2018, 32, 2285-2297.	3.6	22
224	Climate change could threaten cocoa production: Effects of 2015-16 El Niño-related drought on cocoa agroforests in Bahia, Brazil. <i>PLoS ONE</i> , 2018, 13, e0200454.	2.5	70
225	Deriving pattern from complexity in the processes underlying tropical forest drought impacts. <i>New Phytologist</i> , 2018, 219, 841-844.	7.3	11
226	Idiosyncratic soil-tree species associations and their relationships with drought in a monodominant Amazon forest. <i>Acta Oecologica</i> , 2018, 91, 127-136.	1.1	5
227	Drought Impacts on Vegetation Indices and Productivity of Terrestrial Ecosystems in Southwestern China During 2001–2012. <i>Chinese Geographical Science</i> , 2018, 28, 784-796.	3.0	13
228	Revealing the causes and temporal distribution of tree mortality in Central Amazonia. <i>Forest Ecology and Management</i> , 2018, 424, 177-183.	3.2	36
229	Silicon in tropical forests: large variation across soils and leaves suggests ecological significance. <i>Biogeochemistry</i> , 2018, 140, 161-174.	3.5	35
230	Hydrological niche segregation defines forest structure and drought tolerance strategies in a seasonal Amazon forest. <i>Journal of Ecology</i> , 2019, 107, 318-333.	4.0	133
231	Crown damage and the mortality of tropical trees. <i>New Phytologist</i> , 2019, 221, 169-179.	7.3	30
232	Climatic water availability is the main limiting factor of biotic attributes across large-scale elevational gradients in tropical forests. <i>Science of the Total Environment</i> , 2019, 647, 1211-1221.	8.0	39
233	The 2012 Flash Drought Threatened US Midwest Agroecosystems. <i>Chinese Geographical Science</i> , 2019, 29, 768-783.	3.0	48
234	Seasonal and Inter-annual Variation of Evapotranspiration in Amazonia Based on Precipitation, River Discharge and Gravity Anomaly Data. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	8
235	Physiological and Growth Responses to Increasing Drought of an Endangered Tree Species in Southwest China. <i>Forests</i> , 2019, 10, 514.	2.1	10
236	Temperature rising would slow down tropical forest dynamic in the Guiana Shield. <i>Scientific Reports</i> , 2019, 9, 10235.	3.3	20
237	Hydraulic conductance, resistance, and resilience: how leaves of a tropical epiphyte respond to drought. <i>American Journal of Botany</i> , 2019, 106, 943-957.	1.7	12
238	Droughts and the ecological future of tropical savanna vegetation. <i>Journal of Ecology</i> , 2019, 107, 1531-1549.	4.0	65
239	The biophysics, ecology, and biogeochemistry of functionally diverse, vertically and horizontally heterogeneous ecosystems: the Ecosystem Demography model, version 2.2 – Part 1: Model description. <i>Geoscientific Model Development</i> , 2019, 12, 4309-4346.	3.6	62

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240	The biophysics, ecology, and biogeochemistry of functionally diverse, vertically and horizontally heterogeneous ecosystems: the Ecosystem Demography model, version 2.2 – Part 2: Model evaluation for tropical South America. <i>Geoscientific Model Development</i> , 2019, 12, 4347-4374.	3.6	29
241	Diversity, distribution and dynamics of large trees across an old-growth lowland tropical rain forest landscape. <i>PLoS ONE</i> , 2019, 14, e0224896.	2.5	17
242	Vegetation response to climatic changes in western Amazonia over the last 7,600 years. <i>Journal of Biogeography</i> , 2019, 46, 2389-2406.	3.0	10
243	Lack of acclimation of leaf area:sapwood area ratios in piñon pine and juniper in response to precipitation reduction and warming. <i>Tree Physiology</i> , 2019, 39, 135-142.	3.1	11
244	Seasonal changes in water sources used by woody species in a tropical coastal dune forest. <i>Plant and Soil</i> , 2019, 437, 41-54.	3.7	5
245	Bridging Drought Experiment and Modeling: Representing the Differential Sensitivities of Leaf Gas Exchange to Drought. <i>Frontiers in Plant Science</i> , 2018, 9, 1965.	3.6	23
246	Linking drought legacy effects across scales: From leaves to tree rings to ecosystems. <i>Global Change Biology</i> , 2019, 25, 2978-2992.	9.5	133
247	Droughts, Wildfires, and Forest Carbon Cycling: A Pantropical Synthesis. <i>Annual Review of Earth and Planetary Sciences</i> , 2019, 47, 555-581.	11.0	131
248	Big-sized trees overrule remaining trees' attributes and species richness as determinants of aboveground biomass in tropical forests. <i>Global Change Biology</i> , 2019, 25, 2810-2824.	9.5	89
249	Hydraulic traits explain differential responses of Amazonian forests to the 2015 El Niño-induced drought. <i>New Phytologist</i> , 2019, 223, 1253-1266.	7.3	58
250	Soil warming effects on tropical forests with highly weathered soils. , 2019, , 385-439.		13
251	Amazonian rainforest tree mortality driven by climate and functional traits. <i>Nature Climate Change</i> , 2019, 9, 384-388.	18.8	159
252	Atlantic forest and leaf traits: an overview. <i>Trees - Structure and Function</i> , 2019, 33, 1535-1547.	1.9	31
253	Testing early warning metrics for drought-induced tree physiological stress and mortality. <i>Global Change Biology</i> , 2019, 25, 2459-2469.	9.5	34
254	Climate change would lead to a sharp acceleration of Central African forests dynamics by the end of the century. <i>Environmental Research Letters</i> , 2019, 14, 044002.	5.2	12
255	A 7000-year history of changing plant trait composition in an Amazonian landscape; the role of humans and climate. <i>Ecology Letters</i> , 2019, 22, 925-935.	6.4	36
256	Wood anatomy variability under contrasted environmental conditions of common deciduous and evergreen species from central African forests. <i>Trees - Structure and Function</i> , 2019, 33, 893-909.	1.9	10
257	Fragmentation, forest structure, and topography modulate impacts of drought in a tropical forest landscape. <i>Ecology</i> , 2019, 100, e02677.	3.2	41

#	ARTICLE	IF	CITATIONS
258	Drought and the interannual variability of stem growth in an aseasonal, everwet forest. <i>Biotropica</i> , 2019, 51, 139-154.	1.6	7
259	Drought response strategies and hydraulic traits contribute to mechanistic understanding of plant dry-down to hydraulic failure. <i>Tree Physiology</i> , 2019, 39, 910-924.	3.1	96
260	Climate, rather than human disturbance, is the main driver of age-specific mortality trajectories in a tropical tree. <i>Ecological Modelling</i> , 2019, 400, 34-40.	2.5	5
261	Contrasting drought sensitivity and post-drought resilience among three co-occurring tree species in subtropical China. <i>Agricultural and Forest Meteorology</i> , 2019, 272-273, 55-68.	4.8	29
262	The importance and challenges of detecting changes in forest mortality rates. <i>Ecosphere</i> , 2019, 10, e02615.	2.2	39
263	Seasonal and drought-related changes in leaf area profiles depend on height and light environment in an Amazon forest. <i>New Phytologist</i> , 2019, 222, 1284-1297.	7.3	64
264	Elucidating space, climate, edaphic, and biodiversity effects on aboveground biomass in tropical forests. <i>Land Degradation and Development</i> , 2019, 30, 918-927.	3.9	20
265	Dynamics of Tropical Forest Twenty-Five Years after Experimental Logging in Central Amazon Mature Forest. <i>Forests</i> , 2019, 10, 89.	2.1	26
266	Does change in precipitation magnitude affect the soil respiration response? A study on constructed invaded and uninvaded tropical grassland ecosystem. <i>Ecological Indicators</i> , 2019, 102, 84-94.	6.3	13
267	Leaf Physiological Responses to Drought Stress and Community Assembly in an Asian Savanna. <i>Forests</i> , 2019, 10, 1119.	2.1	4
268	Combining Contemporary and Paleoecological Perspectives for Estimating Forest Resilience. <i>Frontiers in Forests and Global Change</i> , 2019, 2, .	2.3	4
269	Large hydraulic safety margins protect Neotropical canopy rainforest tree species against hydraulic failure during drought. <i>Annals of Forest Science</i> , 2019, 76, 1.	2.0	39
270	Compositional response of Amazon forests to climate change. <i>Global Change Biology</i> , 2019, 25, 39-56.	9.5	265
271	When Short Stature Is an Asset in Trees. <i>Trends in Ecology and Evolution</i> , 2019, 34, 193-199.	8.7	53
272	Climate and soils determine aboveground biomass indirectly via species diversity and stand structural complexity in tropical forests. <i>Forest Ecology and Management</i> , 2019, 432, 823-831.	3.2	93
273	Tropical Ecology. , 2019, , 671-678.		2
274	Lightning is a major cause of large tree mortality in a lowland neotropical forest. <i>New Phytologist</i> , 2020, 225, 1936-1944.	7.3	46
275	Testing for changes in biomass dynamics in large-scale forest datasets. <i>Global Change Biology</i> , 2020, 26, 1485-1498.	9.5	14

#	ARTICLE	IF	CITATIONS
276	Combined Effects of Drought and Shading on Growth and Non-Structural Carbohydrates in <i>Pinus massoniana</i> Lamb. Seedlings. <i>Forests</i> , 2020, 11, 18.	2.1	35
277	Limited stomatal regulation of the largest-size class of <i>Dryobalanops aromatica</i> in a Bornean tropical rainforest in response to artificial soil moisture reduction. <i>Journal of Plant Research</i> , 2020, 133, 175-191.	2.4	10
278	Molecular responses to freshwater limitation in the mangrove tree <i>Avicennia germinans</i> (Acanthaceae). <i>Molecular Ecology</i> , 2020, 29, 344-362.	3.9	12
279	Impacts of climatic and edaphic factors on the diversity, structure and biomass of species-poor and structurally-complex forests. <i>Science of the Total Environment</i> , 2020, 706, 135719.	8.0	26
280	Climate regime shift and forest loss amplify fire in Amazonian forests. <i>Global Change Biology</i> , 2020, 26, 5874-5885.	9.5	62
281	Small tropical forest trees have a greater capacity to adjust carbon metabolism to long-term drought than large canopy trees. <i>Plant, Cell and Environment</i> , 2020, 43, 2380-2393.	5.7	22
282	Tree mode of death and mortality risk factors across Amazon forests. <i>Nature Communications</i> , 2020, 11, 5515.	12.8	62
283	Ecosystem-Level Energy and Water Budgets Are Resilient to Canopy Mortality in Sparse Semiarid Biomes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2020JG005858.	3.0	2
284	The effects of an experimental drought on the ecophysiology and fruiting phenology of a tropical rainforest palm. <i>Journal of Plant Ecology</i> , 2020, 13, 744-753.	2.3	7
285	The carbon sink of tropical seasonal forests in southeastern Brazil can be under threat. <i>Science Advances</i> , 2020, 6, .	10.3	20
286	Effect of Various Types of ENSO Events on Moisture Conditions in the Humid and Subhumid Tropics. <i>Atmosphere</i> , 2020, 11, 1354.	2.3	13
287	Topography and Traits Modulate Tree Performance and Drought Response in a Tropical Forest. <i>Frontiers in Forests and Global Change</i> , 2020, 3, .	2.3	17
288	How forest structure varies with elevation in old growth and secondary forest in Costa Rica. <i>Forest Ecology and Management</i> , 2020, 469, 118191.	3.2	26
289	Pantropical geography of lightning-caused disturbance and its implications for tropical forests. <i>Global Change Biology</i> , 2020, 26, 5017-5026.	9.5	20
290	Competition and Drought Alter Optimal Stomatal Strategy in Tree Seedlings. <i>Frontiers in Plant Science</i> , 2020, 11, 478.	3.6	15
291	Topmost trees and foremost species underlie tropical forest structure, diversity and biomass through opposing mechanisms. <i>Forest Ecology and Management</i> , 2020, 473, 118299.	3.2	9
292	Identifying areas at risk of drought-induced tree mortality across South-Eastern Australia. <i>Global Change Biology</i> , 2020, 26, 5716-5733.	9.5	79
293	Chitosan Oligosaccharide Addition to Buddhist Pine ( <i>Podocarpus macrophyllus</i> (Thunb) Sweet) under Drought: Responses in Ecophysiology and $\delta^{13}C$ Abundance. <i>Forests</i> , 2020, 11, 526.	2.1	10

#	ARTICLE	IF	CITATIONS
294	Critical role and collapse of tropical mega-trees: A key global resource. <i>Advances in Ecological Research</i> , 2020, 62, 253-294.	2.7	29
295	Competition influences tree growth, but not mortality, across environmental gradients in Amazonia and tropical Africa. <i>Ecology</i> , 2020, 101, e03052.	3.2	57
296	Drought-induced tree growth decline in the desert margins of Northwestern China. <i>Dendrochronologia</i> , 2020, 60, 125685.	2.2	17
297	Impacts of Degradation on Water, Energy, and Carbon Cycling of the Amazon Tropical Forests. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2020JG005677.	3.0	44
298	El Niño impacts on human-modified tropical forests: Consequences for dung beetle diversity and associated ecological processes. <i>Biotropica</i> , 2020, 52, 252-262.	1.6	21
299	Below-surface water mediates the response of African forests to reduced rainfall. <i>Environmental Research Letters</i> , 2020, 15, 034063.	5.2	18
300	Amazonia trees have limited capacity to acclimate plant hydraulic properties in response to long-term drought. <i>Global Change Biology</i> , 2020, 26, 3569-3584.	9.5	56
301	Carbon Dynamics in a Human-Modified Tropical Forest: A Case Study Using Multi-Temporal LiDAR Data. <i>Remote Sensing</i> , 2020, 12, 430.	4.0	15
302	A catastrophic tropical drought kills hydraulically vulnerable tree species. <i>Global Change Biology</i> , 2020, 26, 3122-3133.	9.5	132
303	Multi-stemming and size enhance survival of dominant tree species in a frequently typhoon-disturbed forest. <i>Journal of Vegetation Science</i> , 2020, 31, 429-439.	2.2	12
304	Evaluating the utility of various drought indices to monitor meteorological drought in Tropical Dry Forests. <i>International Journal of Biometeorology</i> , 2020, 64, 701-711.	3.0	14
305	Radial Growth Adaptability to Drought in Different Age Groups of <i>Picea schrenkiana</i> Fisch. & C.A. Mey in the Tianshan Mountains of Northwestern China. <i>Forests</i> , 2020, 11, 455.	2.1	4
306	Drought effects on carbon dynamics of trees in a secondary Atlantic Forest. <i>Forest Ecology and Management</i> , 2020, 465, 118097.	3.2	13
307	Consequences of drought severity for tropical live oak ( <i>Quercus oleoides</i> ) in Mesoamerica. <i>Ecological Applications</i> , 2020, 30, e02135.	3.8	2
308	Dying by drying: Timing of physiological stress thresholds related to tree death is not significantly altered by highly elevated CO <sub>2</sub> . <i>Plant, Cell and Environment</i> , 2021, 44, 356-370.	5.7	10
309	Vegetation vulnerability and resistance to hydrometeorological stresses in water- and energy-limited watersheds based on a Bayesian framework. <i>Catena</i> , 2021, 196, 104879.	5.0	32
310	Patterns and mechanisms of spatial variation in tropical forest productivity, woody residence time, and biomass. <i>New Phytologist</i> , 2021, 229, 3065-3087.	7.3	48
311	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. <i>Biological Conservation</i> , 2021, 253, 108907.	4.1	122

#	ARTICLE	IF	CITATIONS
312	Size dependent associations between tree diameter growth rates and functional traits in an Asian tropical seasonal rainforest. <i>Functional Plant Biology</i> , 2021, 48, 231.	2.1	6
313	Hydraulic traits of Neotropical canopy liana and tree species across a broad range of wood density: implications for predicting drought mortality with models. <i>Tree Physiology</i> , 2021, 41, 24-34.	3.1	17
314	Coarse woody debris are buffering mortality-induced carbon losses to the atmosphere in tropical forests. <i>Environmental Research Letters</i> , 2021, 16, 011006.	5.2	12
315	The role of forests in the carbon cycle and in climate change. , 2021, , 561-579.		3
316	What Would a Tree Say About Its Size?. <i>Frontiers in Ecology and Evolution</i> , 2021, 8, .	2.2	3
317	Leaf turgor loss point shapes local and regional distributions of evergreen but not deciduous tropical trees. <i>New Phytologist</i> , 2021, 230, 485-496.	7.3	30
318	Satellite Observations of the Tropical Terrestrial Carbon Balance and Interactions With the Water Cycle During the 21st Century. <i>Reviews of Geophysics</i> , 2021, 59, e2020RG000711.	23.0	13
319	Linking plant hydraulics and the fast–slow continuum to understand resilience to drought in tropical ecosystems. <i>New Phytologist</i> , 2021, 230, 904-923.	7.3	123
320	Implications of size-dependent tree mortality for tropical forest carbon dynamics. <i>Nature Plants</i> , 2021, 7, 384-391.	9.3	39
321	Global climate and nutrient controls of photosynthetic capacity. <i>Communications Biology</i> , 2021, 4, 462.	4.4	23
322	Topography and vegetation structure mediate drought impacts on the understory of the South American Atlantic Forest. <i>Science of the Total Environment</i> , 2021, 766, 144234.	8.0	9
323	Importance of hydraulic strategy trade-offs in structuring response of canopy trees to extreme drought in central Amazon. <i>Oecologia</i> , 2021, 197, 13-24.	2.0	13
325	Resistance of African tropical forests to an extreme climate anomaly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	37
326	The influence of fire aerosols on surface climate and gross primary production in the Energy Exascale Earth System Model (E3SM). <i>Journal of Climate</i> , 2021, , 1-60.	3.2	3
328	Short-term girth increment and biomass changes in tree species of Javadhu hills, Eastern Ghats, Tamil Nadu, India. <i>Trees, Forests and People</i> , 2021, 4, 100081.	1.9	2
329	Effects of El Niño drought on tree mortality and growth across forest types at different elevations in Borneo. <i>Forest Ecology and Management</i> , 2021, 490, 119096.	3.2	14
330	Hydraulically vulnerable trees survive on deep water access during droughts in a tropical forest. <i>New Phytologist</i> , 2021, 231, 1798-1813.	7.3	51
331	Projected climatic changes lead to biome changes in areas of previously constant biome. <i>Journal of Biogeography</i> , 2021, 48, 2418-2428.	3.0	8

#	ARTICLE	IF	CITATIONS
332	Bidirectional drought-related canopy dynamics across pantropical forests: a satellite-based statistical analysis. <i>Remote Sensing in Ecology and Conservation</i> , 2022, 8, 72-91.	4.3	6
333	Beyond leaf habit: generalities in plant function across 97 tropical dry forest tree species. <i>New Phytologist</i> , 2021, 232, 148-161.	7.3	28
334	Increased mortality of tropical tree seedlings during the extreme 2015-2016 El Niño. <i>Global Change Biology</i> , 2021, 27, 5043-5053.	9.5	15
336	Big-sized trees and forest functioning: Current knowledge and future perspectives. <i>Ecological Indicators</i> , 2021, 127, 107760.	6.3	20
337	Leaf-litter production in human-modified Amazonian forests following the El Niño-mediated drought and fires of 2015-2016. <i>Forest Ecology and Management</i> , 2021, 496, 119441.	3.2	6
338	Legacy effects of drought on tree growth responses to hurricanes. <i>Ecography</i> , 2021, 44, 1686-1697.	4.5	8
339	High-integrity human intervention in ecosystems: Tracking self-organization modes. <i>PLoS Computational Biology</i> , 2021, 17, e1009427.	3.2	2
340	Stability of tropical forest tree carbon-water relations in a rainfall exclusion treatment through shifts in effective water uptake depth. <i>Global Change Biology</i> , 2021, 27, 6454-6466.	9.5	17
341	Dynamics of tree mortality in subtropical montane forests of Northwestern Argentina. <i>Forest Ecology and Management</i> , 2021, 497, 119528.	3.2	7
342	Comparative models disentangle drivers of fruit production variability of an economically and ecologically important long-lived Amazonian tree. <i>Scientific Reports</i> , 2021, 11, 2563.	3.3	9
343	Big-trees - Energy mechanism underlies forest diversity and aboveground biomass. <i>Forest Ecology and Management</i> , 2020, 461, 117968.	3.2	15
344	Role of tree size in moist tropical forest carbon cycling and water deficit responses. <i>New Phytologist</i> , 2018, 219, 947-958.	7.3	73
345	Large-Scale Patterns of Turnover and Basal Area Change in Andean Forests. <i>PLoS ONE</i> , 2015, 10, e0126594.	2.5	38
346	Forest biomass density across large climate gradients in northern South America is related to water availability but not with temperature. <i>PLoS ONE</i> , 2017, 12, e0171072.	2.5	67
347	Evaluating multiple causes of persistent low microwave backscatter from Amazon forests after the 2005 drought. <i>PLoS ONE</i> , 2017, 12, e0183308.	2.5	8
348	Sobrevivência e Frutificação de <i>Bertholletia excelsa</i> Bonpl. em Áreas Desmatadas em Oriximiná, Pará. <i>Floresta E Ambiente</i> , 2016, 23, 555-564.	0.4	14
349	Variações na riqueza e na diversidade de espécies arbustivas e arbóreas no período de 14 anos em uma Floresta de Vale, Mato Grosso, Brasil. <i>Rodriguesia</i> , 2014, 65, 73-88.	0.9	7
351	Understanding the uncertainty in global forest carbon turnover. <i>Biogeosciences</i> , 2020, 17, 3961-3989.	3.3	45

#	ARTICLE	IF	CITATIONS
355	Performance of the Enhanced Vegetation Index to Detect Inner-annual Dry Season and Drought Impacts on Amazon Forest Canopies. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-7/W3, 337-344.	0.2	3
356	ForestPlots.net – managing permanent plot information across the tropics. Biodiversity and Ecology = Biodiversität Und Ökologie, 2012, 4, 95-103.	0.3	5
357	Solar Photovoltaics. , 2021, , 60-71.		0
358	Policy Frameworks and Institutions for Decarbonisation: The Energy Sector as “Litmus Test”. , 2021, , 7-38.		0
360	Decarbonisation Strategies and Economic Opportunities in Australia. , 2021, , 203-236.		0
362	Hydropower. , 2021, , 125-138.		0
363	Transitioning to a Prosperous, Resilient and Carbon-Free Economy. , 2021, , .		1
367	Financing the Transition. , 2021, , 621-645.		0
369	Forests. , 2021, , 462-500.		0
371	Solar Thermal Energy. , 2021, , 72-104.		1
372	Improving the Governance of Governments. , 2021, , 591-620.		2
373	Trade and Climate Change. , 2021, , 571-590.		1
377	Industry and Manufacturing. , 2021, , 408-438.		0
381	Buildings and Precincts. , 2021, , 301-337.		0
382	Delayed effects of climate on vital rates lead to demographic divergence in Amazonian forest fragments. Global Change Biology, 2022, 28, 463-479.	9.5	3
385	Land Use. , 2021, , 441-461.		0
386	Social Movements for Change. , 2021, , 646-667.		0
387	Decarbonisation Strategies and Economic Opportunities in Indonesia. , 2021, , 237-268.		0

#	ARTICLE	IF	CITATIONS
388	Mining, Metals, Oil and Gas. , 2021, , 529-568.		0
389	The Hydrogen Economy. , 2021, , 173-200.		0
390	National Climate Change Adaptation Case Study: Early Adaptation to Climate Change through Climate-Compatible Development and Adaptation Pathways. , 2021, , 365-388.		1
391	Urban Water. , 2021, , 338-364.		0
393	Tropische Wälder und Gebirge. , 2019, , 323-358.		0
395	Climate Change Effects, Adaptation, and Mitigation Techniques in Tropical Dry Forests. Impact of Meat Consumption on Health and Environmental Sustainability, 2020, , 42-64.	0.4	1
396	Spatial and temporal variation of forest net primary productivity components on contrasting soils in northwestern Amazon. Ecosphere, 2020, 11, e03233.	2.2	4
398	Leaf functional traits and monodominance in Southern Amazonia tropical forests. Plant Ecology, 2022, 223, 185-200.	1.6	7
399	Climate Change Effects, Adaptation, and Mitigation Techniques in Tropical Dry Forests. , 2022, , 309-331.		0
400	Canopy damage during a natural drought depends on species identity, physiology and stand composition. New Phytologist, 2022, 233, 2058-2070.	7.3	12
401	Climate defined but not soil-restricted: the distribution of a Neotropical tree through space and time. Plant and Soil, 2022, 471, 175-191.	3.7	0
402	Functional identity regulates aboveground biomass better than trait diversity along abiotic conditions in global forest metacommunities. Ecography, 2022, 2022, .	4.5	10
403	Tropical tall forests are more sensitive and vulnerable to drought than short forests. Global Change Biology, 2022, 28, 1583-1595.	9.5	20
404	Tunneling-induced groundwater depletion limits long-term growth dynamics of forest trees. Science of the Total Environment, 2022, 811, 152375.	8.0	21
405	The other side of tropical forest drought: do shallow water table regions of Amazonia act as large-scale hydrological refugia from drought?. New Phytologist, 2023, 237, 714-733.	7.3	42
406	Satellite evidence of canopy-height dependence of forest drought resistance in southwestern China. Environmental Research Letters, 2022, 17, 025005.	5.2	5
407	The effect of climate variability factors on potential net primary productivity uncertainty: An analysis with a stochastic spatial 3-PG model. Agricultural and Forest Meteorology, 2022, 315, 108812.	4.8	7
408	Natural forest regrowth under different land use intensities and landscape configurations in the Brazilian Atlantic Forest. Forest Ecology and Management, 2022, 508, 120012.	3.2	8

#	ARTICLE	IF	CITATIONS
409	The cumulative drought exert disruptive effects on tropical rainforests in the northern edge of Asia - Based on decadal dendrometric measurements and eddy covariance method. <i>Agricultural and Forest Meteorology</i> , 2022, 316, 108858.	4.8	2
410	Reduced ecosystem resilience quantifies fine-scale heterogeneity in tropical forest mortality responses to drought. <i>Global Change Biology</i> , 2022, 28, 2081-2094.	9.5	12
411	Strong temporal variation in treefall and branchfall rates in a tropical forest is related to extreme rainfall: results from 5Âyears of monthly drone data for a 50â€%ha plot. <i>Biogeosciences</i> , 2021, 18, 6517-6531.	3.3	13
412	Preserving life on Earth. , 2022, , 503-602.		0
413	Climate and crown damage drive tree mortality in southern Amazonian edge forests. <i>Journal of Ecology</i> , 2022, 110, 876-888.	4.0	12
414	Climate Change Risks to Global Forest Health: Emergence of Unexpected Events of Elevated Tree Mortality Worldwide. <i>Annual Review of Plant Biology</i> , 2022, 73, 673-702.	18.7	117
415	Tropical extreme droughts drive long-term increase in atmospheric CO2 growth rate variability. <i>Nature Communications</i> , 2022, 13, 1193.	12.8	18
416	High Variation in Yield among Wild Blueberry Genotypes: Can Yield Be Predicted by Leaf and Stem Functional Traits?. <i>Agronomy</i> , 2022, 12, 617.	3.0	7
417	Importance of the forest state in estimating biomass losses from tropical forests: combining dynamic forest models and remote sensing. <i>Biogeosciences</i> , 2022, 19, 1891-1911.	3.3	3
418	Assessing Drought Response in the Southwestern Amazon Forest by Remote Sensing and In Situ Measurements. <i>Remote Sensing</i> , 2022, 14, 1733.	4.0	5
419	Spatial and Temporal Patterns in Carbon and Nitrogen Inputs by Net Precipitation in Atlantic Forest, Brazil. <i>Forest Science</i> , 2022, 68, 113-124.	1.0	4
427	Advances in the Relationship between Non-Structural Carbohydrates and Embolism Repair in Woody Plants. <i>Botanical Research</i> , 2022, 11, 239-245.	0.0	0
428	Amazonian terrestrial water balance inferred from satellite-observed water vapor isotopes. <i>Nature Communications</i> , 2022, 13, 2686.	12.8	5
429	Tropical tree mortality has increased with rising atmospheric water stress. <i>Nature</i> , 2022, 608, 528-533.	27.8	74
430	Hurricanes increase tropical forest vulnerability to drought. <i>New Phytologist</i> , 2022, 235, 1005-1017.	7.3	10
431	Regional and local determinants of drought resilience in tropical forests. <i>Ecology and Evolution</i> , 2022, 12, .	1.9	5
432	Divergence of hydraulic traits among tropical forest trees across topographic and vertical environment gradients in Borneo. <i>New Phytologist</i> , 2022, 235, 2183-2198.	7.3	12
433	Landâ€use change shifts and magnifies seasonal variations of the decomposer system in lowland tropical landscapes. <i>Ecology and Evolution</i> , 2022, 12, .	1.9	4

#	ARTICLE	IF	CITATIONS
434	Functional Groups Mask Inter- and Intraspecific Variation in Water Use Strategies in a Seasonally Dry Tropical Forest. <i>Frontiers in Water</i> , 0, 4, .	2.3	2
435	Climatic legacy effects on the drought response of the Amazon rainforest. <i>Global Change Biology</i> , 0, , .	9.5	0
436	Understory plant communities show resistance to drought, hurricanes, and experimental warming in a wet tropical forest. <i>Frontiers in Forests and Global Change</i> , 0, 5, .	2.3	2
437	Reduced diurnal temperature range mitigates drought impacts on larch tree growth in North China. <i>Science of the Total Environment</i> , 2022, 848, 157808.	8.0	14
438	Prediction of the natural distribution, habitat and conservation of <i>Stryphnodendron pulcherrimum</i> (Willd.) Hochr. in response to global climate change. <i>Pesquisa Agropecuaria Tropical</i> , 0, 52, .	1.0	4
439	Beyond Carbon: The Contributions of South American Tropical Humid and Subhumid Forests to Ecosystem Services. <i>Reviews of Geophysics</i> , 2022, 60, .	23.0	14
440	Dry season rainfall as a source of transpired water in a seasonal, evergreen forest in the western Amazon region inferred by water stable isotopes. <i>Frontiers in Water</i> , 0, 4, .	2.3	1
441	Monitoring land-cover changes in Mediterranean coastal dunes, northwest Tunisia, using remote sensing data. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2022, 50, 12794.	1.1	0
442	Background climate conditions regulated the photosynthetic response of Amazon forests to the 2015/2016 El Nino-Southern Oscillation event. <i>Communications Earth &amp; Environment</i> , 2022, 3, .	6.8	2
443	Increasing and widespread vulnerability of intact tropical rainforests to repeated droughts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	16
444	Using ecosystem integrity to maximize climate mitigation and minimize risk in international forest policy. <i>Frontiers in Forests and Global Change</i> , 0, 5, .	2.3	7
445	Species $\alpha$ -diversity promotes but $\beta$ -diversity restricts aboveground biomass in tropical forests, depending on stand structure and environmental factors. <i>Journal of Forestry Research</i> , 2023, 34, 889-901.	3.6	3
446	Biological, structural and functional responses of tropical forests to environmental factors. <i>Biological Conservation</i> , 2022, 276, 109792.	4.1	5
447	Sapwood density underlies xylem hydraulics and stored carbohydrates across 13 deciduous tree species in a seasonally dry tropical forest in Thailand. <i>Trees - Structure and Function</i> , 2023, 37, 485-495.	1.9	1
448	The impact of abiotic and biotic factors on growth, mortality and net tree C stock in mountain forest ecosystems in southwest China. <i>Environmental Research Letters</i> , 2022, 17, 124037.	5.2	0
449	Cost-effective restoration for carbon sequestration across Brazil's biomes. <i>Science of the Total Environment</i> , 2023, 876, 162600.	8.0	3
450	The Forest Resistance to Droughts Differentiated by Tree Height in Central Europe. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2023, 128, .	3.0	1
451	Decoupling of tree height and root depth across the globe and the implications for tree mortality during drought events. <i>Ecological Indicators</i> , 2023, 147, 109944.	6.3	1

#	ARTICLE	IF	CITATIONS
452	Hydraulic determinants of drought-induced tree mortality and changes in tree abundance between two tropical forests with different water availability. <i>Agricultural and Forest Meteorology</i> , 2023, 331, 109329.	4.8	5
454	Ecophysiological responses of seedlings of six dipterocarp species to short-term drought in Borneo. <i>Frontiers in Forests and Global Change</i> , 0, 6, .	2.3	2
455	Mortality rates of desert vegetation during high-intensity drought at <scp>Uluru</scp> Kata</scp> Tjuta National Park, Central Australia. <i>Austral Ecology</i> , 0, , .	1.5	2
456	Mechanisms and Impacts of Earth System Tipping Elements. <i>Reviews of Geophysics</i> , 2023, 61, .	23.0	10
457	Quantifying neighbour effects on tree growth: Are common "competition" indices biased?. <i>Journal of Ecology</i> , 2023, 111, 1270-1280.	4.0	3
458	Multiscale predictors of small tree survival across a heterogeneous tropical landscape. <i>PLoS ONE</i> , 2023, 18, e0280322.	2.5	1
459	Extreme Drought Event Affects Demographic Rates and Functional Groups in Tropical Floodplain Forest Patches. <i>Wetlands</i> , 2023, 43, .	1.5	0
461	Patterns and drivers of disturbance in tropical forest reserves of southern Ghana. <i>Environmental Research Letters</i> , 2023, 18, 064022.	5.2	0
462	Exploring the impacts of unprecedented climate extremes on forest ecosystems: hypotheses to guide modeling and experimental studies. <i>Biogeosciences</i> , 2023, 20, 2117-2142.	3.3	3
463	Declining trees growth and vegetation productivity resulting from decreasing soil water contents induced by tunnels excavation in karst mountain areas. <i>Ecological Indicators</i> , 2023, 154, 110555.	6.3	0
464	Limited Evidence of Cumulative Effects From Recurrent Droughts in Vegetation Responses to Australia's Millennium Drought. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2023, 128, .	3.0	1
465	Climate and soil effects on tree species diversity and aboveground carbon patterns in semi-arid tree savannas. <i>Scientific Reports</i> , 2023, 13, .	3.3	4
466	Forest productivity recovery or collapse? Model-data integration insights on drought-induced tipping points. <i>Global Change Biology</i> , 2023, 29, 5652-5665.	9.5	4
467	Timber yield of commercial tree species in the eastern Brazilian Amazon based on 33 years of inventory data. <i>Forestry</i> , 0, , .	2.3	0
468	Spatio-Temporal Dynamic of Disturbances in Planted and Natural Forests for the Saihanba Region of China. <i>Remote Sensing</i> , 2023, 15, 4776.	4.0	0
469	Past human-induced ecological legacies as a driver of modern Amazonian resilience. <i>People and Nature</i> , 2023, 5, 1415-1429.	3.7	2
470	Sharp decline in future productivity of tropical reforestation above 29°C mean annual temperature. <i>Science Advances</i> , 2023, 9, .	10.3	2
471	Vapour pressure deficit modulates hydraulic function and structure of tropical rainforests under nonlimiting soil water supply. <i>New Phytologist</i> , 2023, 240, 1405-1420.	7.3	2

#	ARTICLE	IF	CITATIONS
472	Plasticity of wood and leaf traits related to hydraulic efficiency and safety is linked to evaporative demand and not soil moisture in rubber (<i>Hevea brasiliensis</i>). <i>Tree Physiology</i> , 2023, 43, 2131-2149.	3.1	1
474	The South American monsoon approaches a critical transition in response to deforestation. <i>Science Advances</i> , 2023, 9, .	10.3	4
475	Hydraulic variability of tropical forests is largely independent of water availability. <i>Ecology Letters</i> , 2023, 26, 1829-1839.	6.4	3
476	Different hydraulic and photosynthetic responses to summer drought between newly sprouted and established Moso bamboo culms. <i>Frontiers in Plant Science</i> , 0, 14, .	3.6	0
477	HYDRAULIC TRAITS OF <i>Jacaranda copaia</i> (Aubl.) D. Don. (Bignoniaceae) IN THE SOUTHWEST AMAZON. <i>Revista Arvore</i> , 0, 47, .	0.5	0
478	Climate change reshapes plant trait spectrum to explain biomass dynamics in an old-growth subtropical forest. <i>Frontiers in Plant Science</i> , 0, 14, .	3.6	0
480	Tree mortality during long-term droughts is lower in structurally complex forest stands. <i>Nature Communications</i> , 2023, 14, .	12.8	1
481	Greening and Water Use Efficiency during a period of high frequency of droughts in the Brazilian semi-arid. <i>Frontiers in Water</i> , 0, 5, .	2.3	0
482	Insights into the relationship between hydraulic safety, hydraulic efficiency and tree structural complexity from terrestrial laser scanning and fractal analysis. <i>Trees - Structure and Function</i> , 2024, 38, 221-239.	1.9	0
483	Climate change-related biodiversity fluctuations and composition changes in an old-growth subtropical forest: A 26-yr study. <i>Science of the Total Environment</i> , 2024, 914, 169899.	8.0	0
484	Ecosystem carbon fluxes are tree size-dependent in an Amazonian old-growth forest. <i>Agricultural and Forest Meteorology</i> , 2024, 346, 109895.	4.8	0
485	The impact of water storage capacity on plant dynamics in arid environments: A stoichiometric modeling approach. <i>Mathematical Biosciences</i> , 2024, 369, 109147.	1.9	0
486	Assessing the relative importance of dry-season incoming solar radiation and water storage dynamics during the 2005, 2010 and 2015 southern Amazon droughts: not all droughts are created equal. <i>Environmental Research Letters</i> , 2024, 19, 034027.	5.2	0