Jonathan J Lloyd

List of Publications by Year in descending order

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Version: 2024-02-01

160 papers	27,160 citations	13099 68 h-index	6996 154 g-index
168 all docs	168 docs citations	168 times ranked	22646 citing authors

#	Article	IF	Citations
1	On the Temperature Dependence of Soil Respiration. Functional Ecology, 1994, 8, 315.	3.6	3,249
2	TRY â€“ a global database of plant traits. Global Change Biology, 2011, 17, 2905-2935.	9.5	2,002
3	Drought Sensitivity of the Amazon Rainforest. Science, 2009, 323, 1344-1347.	12.6	1,443
4	Increasing carbon storage in intact African tropical forests. Nature, 2009, 457, 1003-1006.	27.8	816
5	Long-term decline of the Amazon carbon sink. Nature, 2015, 519, 344-348.	27.8	796
6	Weak Northern and Strong Tropical Land Carbon Uptake from Vertical Profiles of Atmospheric CO2. Science, 2007, 316, 1732-1735.	12.6	775
7	Variation in wood density determines spatial patterns inAmazonian forest biomass. Global Change Biology, 2004, 10, 545-562.	9.5	633
8	13C discrimination during CO2 assimilation by the terrestrial biosphere. Oecologia, 1994, 99, 201-215.	2.0	516
9	Droughtâ€“mortality relationships for tropical forests. New Phytologist, 2010, 187, 631-646.	7.3	487
10	Basin-wide variations in Amazon forest structure and function are mediated by both soils and climate. Biogeosciences, 2012, 9, 2203-2246.	3.3	487
11	Carbon and Oxygen Isotope Effects in the Exchange of Carbon Dioxide between Terrestrial Plants and the Atmosphere. , 1993, , 47-70.		460
12	Carbon Dioxide Uptake by an Undisturbed Tropical Rain Forest in Southwest Amazonia, 1992 to 1993. Science, 1995, 270, 778-780.	12.6	436
13	The above-ground coarse wood productivity of 104 Neotropical forest plots. Global Change Biology, 2004, 10, 563-591.	9.5	436
14	Effects of rising temperatures and [CO ₂] on the physiology of tropical forest trees. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 1811-1817.	4.0	416
15	Drought sensitivity of Amazonian carbon balance revealed by atmospheric measurements. Nature, 2014, 506, 76-80.	27.8	398
16	Height-diameter allometry of tropical forest trees. Biogeosciences, 2011, 8, 1081-1106.	3.3	396
17	Vegetation effects on the isotope composition of oxygen in atmospheric CO2. Nature, 1993, 363, 439-443.	27.8	374
18	Tree height integrated into pantropical forest biomass estimates. Biogeosciences, 2012, 9, 3381-3403.	3.3	373

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19	Pattern and process in Amazon tree turnover, 1976â€“2001. Philosophical Transactions of the Royal Society B: Biological Sciences, 2004, 359, 381-407.	4.0	370
20	Variations in chemical and physical properties of Amazon forest soils in relation to their genesis. Biogeosciences, 2010, 7, 1515-1541.	3.3	365
21	Simulated resilience of tropical rainforests to CO2-induced climate change. Nature Geoscience, 2013, 6, 268-273.	12.9	358
22	Global variability in leaf respiration in relation to climate, plant functional types and leaf traits. New Phytologist, 2015, 206, 614-636.	7.3	350
23	Soils of Amazonia with particular reference to the RAINFOR sites. Biogeosciences, 2011, 8, 1415-1440.	3.3	340
24	Productivity of forests in the Eurosiberian boreal region and their potential to act as a carbon sink â€“â€• a synthesis. Global Change Biology, 1999, 5, 703-722.	9.5	338
25	Sensitivity of plants to changing atmospheric <scp>CO</scp>₂ concentration: from the geological past to the next century. New Phytologist, 2013, 197, 1077-1094.	7.3	336
26	On the relationship between leaf anatomy and CO2 diffusion through the mesophyll of hypostomatous leaves. Plant, Cell and Environment, 1995, 18, 149-157.	5.7	322
27	The CO 2 Dependence of Photosynthesis, Plant Growth Responses to Elevated Atmospheric CO 2 Concentrations and Their Interaction with Soil Nutrient Status. I. General Principles and Forest Ecosystems. Functional Ecology, 1996, 10, 4.	3.6	308
28	Intensification of the Amazon hydrological cycle over the last two decades. Geophysical Research Letters, 2013, 40, 1729-1733.	4.0	284
29	Low conductances for CO2 diffusion from stomata to the sites of carboxylation in leaves of woody species. Plant, Cell and Environment, 1992, 15, 873-899.	5.7	281
30	A simple calibrated model of Amazon rainforest productivity based on leaf biochemical properties. Plant, Cell and Environment, 1995, 18, 1129-1145.	5.7	278
31	Air temperature triggers the recovery of evergreen boreal forest photosynthesis in spring. Global Change Biology, 2003, 9, 1410-1426.	9.5	273
32	Compositional response of Amazon forests to climate change. Global Change Biology, 2019, 25, 39-56.	9.5	265
33	Above-ground biomass and structure of 260 African tropical forests. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120295.	4.0	264
34	Concerted changes in tropical forest structure and dynamics: evidence from 50 South American long-term plots. Philosophical Transactions of the Royal Society B: Biological Sciences, 2004, 359, 421-436.	4.0	250
35	Markedly divergent estimates of <scp>A</scp>mazon forest carbon density from ground plots and satellites. Global Ecology and Biogeography, 2014, 23, 935-946.	5.8	248
36	Interannual growth rate variations of atmospheric CO2and its Î´13C, H2, CH4, and CO between 1992 and 1999 linked to biomass burning. Global Biogeochemical Cycles, 2002, 16, 21-1-21-22.	4.9	245

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37	High sensitivity of future global warming to land carbon cycle processes. Environmental Research Letters, 2012, 7, 024002.	5.2	241
38	Changing Ecology of Tropical Forests: Evidence and Drivers. Annual Review of Ecology, Evolution, and Systematics, 2009, 40, 529-549.	8.3	229
39	Fluxes of carbon dioxide and water vapour over an undisturbed tropical forest in south-west Amazonia. Global Change Biology, 1995, 1, 1-12.	9.5	205
40	Amazon forest response to repeated droughts. Global Biogeochemical Cycles, 2016, 30, 964-982.	4.9	201
41	Specific reduction of chloroplast carbonic anhydrase activity by antisense RNA in transgenic tobacco plants has a minor effect on photosynthetic CO2 assimilation. Planta, 1994, 193, 331-340.	3.2	197
42	Intermittent low temperatures constrain spring recovery of photosynthesis in boreal Scots pine forests. Global Change Biology, 2004, 10, 995-1008.	9.5	197
43	The use of eddy covariance to infer the net carbon dioxide uptake of Brazilian rain forest. Global Change Biology, 1996, 2, 209-217.	9.5	196
44	Coâ€limitation of photosynthetic capacity by nitrogen and phosphorus in West Africa woodlands. Plant, Cell and Environment, 2010, 33, 959-980.	5.7	192
45	What controls tropical forest architecture? Testing environmental, structural and floristic drivers. Global Ecology and Biogeography, 2012, 21, 1179-1190.	5.8	187
46	Size and frequency of natural forest disturbances and the Amazon forest carbon balance. Nature Communications, 2014, 5, 3434.	12.8	169
47	Optimisation of photosynthetic carbon gain and within-canopy gradients of associated foliar traits for Amazon forest trees. Biogeosciences, 2010, 7, 1833-1859.	3.3	150
48	Mechanisms of monodominance in diverse tropical tree-dominated systems. Journal of Ecology, 2011, 99, 891-898.	4.0	137
49	Response of central Siberian Scots pine to soil water deficit and long-term trends in atmospheric CO2concentration. Global Biogeochemical Cycles, 2002, 16, 5-1-5-13.	4.9	133
50	Contributions of woody and herbaceous vegetation to tropical savanna ecosystem productivity: a quasi-global estimate. Tree Physiology, 2008, 28, 451-468.	3.1	132
51	Variations in13C discrimination during CO2exchange by Picea sitchensis branches in the field. Plant, Cell and Environment, 2007, 30, 600-616.	5.7	130
52	Seasonal variation in energy fluxes and carbon dioxide exchange for a broad-leaved semi-arid savanna (Mopane woodland) in Southern Africa. Global Change Biology, 2004, 10, 318-328.	9.5	124
53	Variation in soil carbon stocks and their determinants across a precipitation gradient in <scp>W</scp>est <scp>A</scp>frica. Global Change Biology, 2012, 18, 1670-1683.	9.5	114
54	Photosynthetically relevant foliar traits correlating better on a mass vs an area basis: of ecophysiological relevance or just a case of mathematical imperatives and statistical quicksand?. New Phytologist, 2013, 199, 311-321.	7.3	114

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55	On the delineation of tropical vegetation types with an emphasis on forest/savanna transitions. Plant Ecology and Diversity, 2013, 6, 101-137.	2.4	105
56	Residence times of woody biomass in tropical forests. Plant Ecology and Diversity, 2013, 6, 139-157.	2.4	104
57	Impact of Manaus City on the Amazon Green Ocean atmosphere: ozone production, precursor sensitivity and aerosol load. Atmospheric Chemistry and Physics, 2010, 10, 9251-9282.	4.9	103
58	Carbon uptake by mature Amazon forests has mitigated Amazon nationsâ€™ carbon emissions. Carbon Balance and Management, 2017, 12, 1.	3.2	98
59	Disequilibrium and hyperdynamic tree turnover at the forestâ€“cerrado transition zone in southern Amazonia. Plant Ecology and Diversity, 2014, 7, 281-292.	2.4	97
60	Terrestrial carbon storage at the LGM. Nature, 1994, 371, 566-566.	27.8	93
61	Leafâ€level photosynthetic capacity in lowland Amazonian and highâ€elevation Andean tropical moist forests of Peru. New Phytologist, 2017, 214, 1002-1018.	7.3	89
62	Analysing Amazonian forest productivity using a new individual and trait-based model (TFS v.1). Geoscientific Model Development, 2014, 7, 1251-1269.	3.6	87
63	A simple three-dimensional canopy - planetary boundary layer simulation model for scalar concentrations and fluxes. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 784-819.	1.6	85
64	Vertical profiles, boundary layer budgets, and regional flux estimates for CO2and its13C/12C ratio and for water vapor above a forest/bog mosaic in central Siberia. Global Biogeochemical Cycles, 2001, 15, 267-284.	4.9	83
65	Remote sensing of photosynthetic-light-use efficiency of a Siberian boreal forest. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 677-687.	1.6	80
66	Comparative ecosystem-atmosphere exchange of energy and mass in a European Russian and a central Siberian bog II. Interseasonal and interannual variability of CO2 fluxes. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 514-530.	1.6	79
67	The carbon balance of South America: a review of the status, decadal trends and main determinants. Biogeosciences, 2012, 9, 5407-5430.	3.3	78
68	Field methods for sampling tree height for tropical forest biomass estimation. Methods in Ecology and Evolution, 2018, 9, 1179-1189.	5.2	78
69	Panâ€tropical prediction of forest structure from the largest trees. Global Ecology and Biogeography, 2018, 27, 1366-1383.	5.8	78
70	Tropical forest wood production: a crossâ€continental comparison. Journal of Ecology, 2014, 102, 1025-1037.	4.0	77
71	Seasonal and annual variations in the photosynthetic productivity and carbon balance of a central Siberian pine forest. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 590-610.	1.6	75
72	Does the disturbance hypothesis explain the biomass increase in basinâ€wide Amazon forest plot data?. Global Change Biology, 2009, 15, 2418-2430.	9.5	74

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73	Variations in Amazon forest productivity correlated with foliar nutrients and modelled rates of photosynthetic carbon supply. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 3316-3329.	4.0	71
74	On the relationship between fire regime and vegetation structure in the tropics. New Phytologist, 2018, 218, 153-166.	7.3	64
75	Soil temperature and intermittent frost modulate the rate of recovery of photosynthesis in Scots pine under simulated spring conditions. New Phytologist, 2008, 177, 428-442.	7.3	63
76	Structural, physiognomic and above-ground biomass variation in savannaâ€“forest transition zones on three continents â€“ how different are co-occurring savanna and forest formations?. Biogeosciences, 2015, 12, 2927-2951.	3.3	63
77	Tree mode of death and mortality risk factors across Amazon forests. Nature Communications, 2020, 11, 5515.	12.8	62
78	Microbial characteristics of soils on a latitudinal transect in Siberia. Global Change Biology, 2003, 9, 1106-1117.	9.5	58
79	Using a One-and-a-Half Order Closure Model of the Atmospheric Boundary Layer for Surface Flux Footprint Estimation. Boundary-Layer Meteorology, 2004, 112, 467-502.	2.3	56
80	Edaphic, structural and physiological contrasts across Amazon Basin forestâ€“savanna ecotones suggest a role for potassium as a key modulator of tropical woody vegetation structure and function. Biogeosciences, 2015, 12, 6529-6571.	3.3	55
81	Carbon balance of a southern taiga spruce stand in European Russia. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 429-442.	1.6	54
82	Excitation energy partitioning and quenching during cold acclimation in Scots pine. Tree Physiology, 2006, 26, 325-336.	3.1	54
83	Light inhibition of leaf respiration as soil fertility declines along a post-glacial chronosequence in New Zealand: an analysis using the Kok method. Plant and Soil, 2013, 367, 163-182.	3.7	53
84	Biased-corrected richness estimates for the Amazonian tree flora. Scientific Reports, 2020, 10, 10130.	3.3	53
85	Seasonal and spatial variability in soil CO2 efflux rates for a central Siberian Pinus sylvestris forest. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 552-567.	1.6	48
86	Comparative ecosystem-atmosphere exchange of energy and mass in a European Russian and a central Siberian bog I. Interseasonal and interannual variability of energy and latent heat fluxes during the snowfree period. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 497-513.	1.6	48
87	C-quest in the Amazon Basin. Nature, 1998, 396, 619-620.	27.8	47
88	Soil Does Not Explain Monodominance in a Central African Tropical Forest. PLoS ONE, 2011, 6, e16996.	2.5	47
89	Fluxes of carbon dioxide and water vapour over a C4 pasture in southwestern Amazonia (Brazil). Functional Plant Biology, 1998, 25, 519.	2.1	46
90	Carbon balance of a southern taiga spruce stand in European Russia. Tellus, Series B: Chemical and Physical Meteorology, 2022, 54, 429.	1.6	46

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91	Modeling13C discrimination in tree rings. Global Biogeochemical Cycles, 2000, 14, 213-223.	4.9	45
92	Coordination of physiological and structural traits in Amazon forest trees. Biogeosciences, 2012, 9, 775-801.	3.3	45
93	Seasonal variations in soil water in two woodland savannas of central Brazil with different fire histories. Tree Physiology, 2008, 28, 405-415.	3.1	43
94	Basin-wide variations in Amazon forest nitrogen-cycling characteristics as inferred from plant and soil¹⁵N:¹⁴N measurements. Plant Ecology and Diversity, 2014, 7, 173-187.	2.4	43
95	Evolutionary heritage influences Amazon tree ecology. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161587.	2.6	43
96	High rates of net ecosystem carbon assimilation by Brachiara pasture in the Brazilian Cerrado. Global Change Biology, 2004, 10, 877-885.	9.5	42
97	Observations of O2:CO2exchange ratios during ecosystem gas exchange. Global Biogeochemical Cycles, 2004, 18, n/a-n/a.	4.9	42
98	Non-steady state effects in diurnal 18O discrimination by Picea sitchensis branches in the field. Plant, Cell and Environment, 2006, 29, 928-939.	5.7	42
99	Deriving Plant Functional Types for Amazonian forests for use in vegetation dynamics models. Perspectives in Plant Ecology, Evolution and Systematics, 2012, 14, 97-110.	2.7	42
100	Photosynthesisâ€“nitrogen relationships in tropical forest tree species as affected by soil phosphorus availability: a controlled environment study. Functional Plant Biology, 2014, 41, 820.	2.1	42
101	Quantifying the abundance and stable isotope composition of pyrogenic carbon using hydrogen pyrolysis. Rapid Communications in Mass Spectrometry, 2012, 26, 2690-2696.	1.5	39
102	Humans, megafauna and environmental change in tropical Australia. Journal of Quaternary Science, 2013, 28, 439-452.	2.1	38
103	Remote sensing of photosynthetic-light-use efficiency of a Siberian boreal forest. Tellus, Series B: Chemical and Physical Meteorology, 2022, 54, 677.	1.6	38
104	Seasonal and annual variations in the photosynthetic productivity and carbon balance of a central Siberian pine forest. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 590-610.	1.6	37
105	Are the dynamics of tropical forests dominated by large and rare disturbance events?. Ecology Letters, 2009, 12, E19-21; discussion E22-5.	6.4	37
106	Regeneration patterns in boreal Scots pine glades linked to cold-induced photoinhibition. Tree Physiology, 2005, 25, 1139-1150.	3.1	36
107	Variations in soil chemical and physical properties explain basin-wide Amazon forest soil carbon concentrations. Soil, 2020, 6, 53-88.	4.9	36
108	Annual ecosystem respiration budget for a Pinus sylvestris stand in central Siberia. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 568-589.	1.6	35

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109	Functional Trait Variation Among and Within Species and Plant Functional Types in Mountainous Mediterranean Forests. Frontiers in Plant Science, 2020, 11, 212.	3.6	35
110	Diurnally variableÎ´18O signatures of soil CO2fluxes indicate carbonic anhydrase activity in a forest soil. Journal of Geophysical Research, 2006, 111, .	3.3	34
111	Rainforest trees respond to drought by modifying their hydraulic architecture. Ecology and Evolution, 2018, 8, 12479-12491.	1.9	34
112	Estimates of regional surface carbon dioxide exchange and carbon and oxygen isotope discrimination during photosynthesis from concentration profiles in the atmospheric boundary layer. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 768-783.	1.6	33
113	Modelling Amazonian forest eddy covariance data: a comparison of big leaf versus sun/shade models for the C-14 tower at Manaus I. Canopy photosynthesis. Acta Amazonica, 2006, 36, 69-82.	0.7	33
114	Inter-annual and seasonal variations of energy and water vapour fluxes above a Pinus sylvestris forest in the Siberian middle taiga. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 537-551.	1.6	32
115	KEYNOTE PERSPECTIVE. Current perspectives on the terrestrial carbon cycle. Tellus, Series B: Chemical and Physical Meteorology, 1999, 51, 336-342.	1.6	30
116	A trace-gas climatology above Zotino, central Siberia. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 749-767.	1.6	28
117	Photosynthetic properties of C4 plants growing in an African savanna/wetland mosaic. Journal of Experimental Botany, 2008, 59, 3941-3952.	4.8	28
118	Rarity of monodominance in hyperdiverse Amazonian forests. Scientific Reports, 2019, 9, 13822.	3.3	28
119	Amazon tree dominance across forest strata. Nature Ecology and Evolution, 2021, 5, 757-767.	7.8	27
120	Soil and canopy CO2, 13CO2, H2O and sensible heat flux partitions in a forest canopy inferred from concentration measurements. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 655-676.	1.6	25
121	Biome-specific effects of nitrogen and phosphorus on the photosynthetic characteristics of trees at a forest-savanna boundary in Cameroon. Oecologia, 2015, 178, 659-672.	2.0	25
122	Climateâ€dependent variations in leaf respiration in a dryâ€land, low productivity Mediterranean forest: the importance of acclimation in both highâ€light and shaded habitats. Functional Ecology, 2008, 22, 172-184.	3.6	24
123	Growth form and seasonal variation in leaf gas exchange of Colophospermum mopane savanna trees in northwest Botswana. Tree Physiology, 2008, 28, 417-424.	3.1	23
124	Foliar trait contrasts between African forest and savanna trees: genetic versus environmental effects. Functional Plant Biology, 2015, 42, 63.	2.1	23
125	Annual ecosystem respiration budget for a <i>Pinus sylvestris</i> stand in central Siberia. Tellus, Series B: Chemical and Physical Meteorology, 2022, 54, 568.	1.6	21
126	A trace-gas climatology above Zotino, central Siberia. Tellus, Series B: Chemical and Physical Meteorology, 2022, 54, 749.	1.6	21

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127	Investigating diversity dependence of tropical forest litter decomposition: experiments and observations from Central Africa. Journal of Vegetation Science, 2012, 23, 223-235.	2.2	21
128	Seeking Resistance in Coral Reef Ecosystems:ÂThe Interplay of Biophysical Factors and Bleaching Resistance under a Changing Climate. BioEssays, 2019, 41, e1800226.	2.5	21
129	Do slow-growing species and nutrient-stressed plants consistently respond less to elevated CO2 ? A	9.5	20
130	The influence of C₃ and C₄ vegetation on soil organic matter dynamics in contrasting semi-natural tropical ecosystems. Biogeosciences, 2015, 12, 5041-5059.	3.3	19
131	Ecosystem carbon fluxes and Amazonian forest metabolism. Geophysical Monograph Series, 2009, , 389-407.	0.1	18
132	Contrasting photosynthetic characteristics of forest vs. savanna species (Far North Queensland,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	3.3	18
133	Impacts of Fire on Forest Biomass Dynamics at the Southern Amazon Edge. Environmental Conservation, 2019, 46, 285-292.	1.3	18
134	Inter-annual and seasonal variations of energy and water vapour fluxes above a <i>Pinus sylvestris</i> forest in the Siberian middle taiga. Tellus, Series B: Chemical and Physical Meteorology, 2022, 54, 537.	1.6	18
135	Separating species and environmental determinants of leaf functional traits in temperate rainforest plants along a soil-development chronosequence. Functional Plant Biology, 2016, 43, 751.	2.1	17
136	MODIS VCF should not be used to detect discontinuities in tree cover due to binning bias. A comment on Hanan et al. (2014) and Staver and Hansen (2015). Global Ecology and Biogeography, 2017, 26, 854-859.	5.8	16
137	Consistent, small effects of treefall disturbances on the composition and diversity of four Amazonian forests. Journal of Ecology, 2016, 104, 497-506.	4.0	15
138	Tropical Tree Branch-Leaf Nutrient Scaling Relationships Vary With Sampling Location. Frontiers in Plant Science, 2019, 10, 877.	3.6	15
139	Patterns of tree species composition at watershed-scale in the Amazon â€˜arc of deforestationâ€™: implications for conservation. Environmental Conservation, 2016, 43, 317-326.	1.3	14
140	Expanding tropical forest monitoring into Dry Forests: The DRYFLOR protocol for permanent plots. Plants People Planet, 2021, 3, 295-300.	3.3	12
141	Estimates of regional surface carbon dioxide exchange and carbon and oxygen isotope discrimination during photosynthesis from concentration profiles in the atmospheric boundary layer. Tellus, Series B: Chemical and Physical Meteorology, 2022, 54, 768.	1.6	11
142	Edaphic controls on ecosystem-level carbon allocation in two contrasting Amazon forests. Journal of Geophysical Research G: Biogeosciences, 2014, 119, 1820-1830.	3.0	11
143	The regional carbon budget. Geophysical Monograph Series, 2009, , 409-428.	0.1	10
144	Soilâ€“Vegetation Interactions in Amazonia. Ecological Studies, 2016, , 267-299.	1.2	10

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145	Diversity, abundance and distribution of lianas of the Cerradoâ€“Amazonian forest transition, Brazil. Plant Ecology and Diversity, 2014, 7, 231-240.	2.4	9
146	Functional trait variation related to gap dynamics in tropical moist forests: A vegetation modelling perspective. Perspectives in Plant Ecology, Evolution and Systematics, 2018, 35, 52-64.	2.7	9
147	Evaporation in the Boreal Zone During Summerâ€”Physics and Vegetation. , 2001, , 151-165.		7
148	A simple three-dimensional canopy â€“ planetary boundary layer simulation model for scalar concentrations and fluxes. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 784-819.	1.6	5
149	Fixed or mixed? Variation in tree functional types and vegetation structure in a forest-savanna ecotone in West Africa. Journal of Tropical Ecology, 2020, 36, 133-149.	1.1	5
150	Soil and canopy CO2, 13CO2, H2O and sensible heat flux partitions in a forest canopy inferred from concentration measurements. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 655-676.	1.6	4
151	Insights into biogeochemical cycling from a soil evolution model and long-term chronosequences. Biogeosciences, 2014, 11, 6873-6894.	3.3	4
152	Wood Nutrient-Water-Density Linkages Are Influenced by Both Species and Environment. Frontiers in Plant Science, 2022, 13, 778403.	3.6	4
153	Seasonal and inter-annual photosynthetic response of representative C₄ species to soil water content and leaf nitrogen concentration across a tropical seasonal floodplain. Journal of Tropical Ecology, 2008, 24, 201-213.	1.1	3
154	Variation in soil carbon stocks and their determinants across a precipitation gradient in West Africa. Global Change Biology, 2012, 18, 2676-2676.	9.5	2
155	Current perspectives on the terrestrial carbon cycle. Tellus, Series B: Chemical and Physical Meteorology, 2022, 51, 336.	1.6	1
156	Biomass and leafâ€level gas exchange characteristics of three African savanna C₄ grass species under optimum growth conditions. African Journal of Ecology, 2009, 47, 482-489.	0.9	1
157	Fire regimes, fire experiments and alternative stable states in mesic savannas. New Phytologist, 2021, 231, 14-18.	7.3	0
158	Tropical Tree Species 3D Modelling and Classification Based on LiDAR Technology. Advances in Multimedia and Interactive Technologies Book Series, 2020, , 1-22.	0.2	0
159	Primary modes of tree mortality in southwestern Amazon forests. Trees, Forests and People, 2022, 7, 100180.	1.9	0
160	Tropical Tree Species 3D Modelling and Classification Based on LiDAR Technology. , 2022, , 326-346.		0