

Yadvinder Malhi

List of Publications by Year in descending order

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Version: 2024-02-01

364
papers

46,912
citations

1368

108
h-index

2323

199
g-index

382
all docs

382
docs citations

382
times ranked

32468
citing authors

#	ARTICLE	IF	CITATIONS
1	Tropical tree growth sensitivity to climate is driven by species intrinsic growth rate and leaf traits. <i>Global Change Biology</i> , 2022, 28, 1414-1432.	4.2	16
2	<i>allodb</i> : An R package for biomass estimation at globally distributed extratropical forest plots. <i>Methods in Ecology and Evolution</i> , 2022, 13, 330-338.	2.2	11
3	Variation of non-structural carbohydrates across the fast-slow continuum in Amazon Forest canopy trees. <i>Functional Ecology</i> , 2022, 36, 341-355.	1.7	9
4	Can large herbivores enhance ecosystem carbon persistence?. <i>Trends in Ecology and Evolution</i> , 2022, 37, 117-128.	4.2	49
5	Existing land uses constrain climate change mitigation potential of forest restoration in India. <i>Conservation Letters</i> , 2022, 15, .	2.8	13
6	The number of tree species on Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	86
7	Demographic composition, not demographic diversity, predicts biomass and turnover across temperate and tropical forests. <i>Global Change Biology</i> , 2022, 28, 2895-2909.	4.2	8
8	Climate and crown damage drive tree mortality in southern Amazonian edge forests. <i>Journal of Ecology</i> , 2022, 110, 876-888.	1.9	12
9	The role of large wild animals in climate change mitigation and adaptation. <i>Current Biology</i> , 2022, 32, R181-R196.	1.8	54
10	Tropical wood stores substantial amounts of nutrients, but we have limited understanding why. <i>Biotropica</i> , 2022, 54, 596-606.	0.8	8
11	Tropical forests in the deep human past. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200500.	1.8	10
12	Functional susceptibility of tropical forests to climate change. <i>Nature Ecology and Evolution</i> , 2022, 6, 878-889.	3.4	8
13	Tropical tree mortality has increased with rising atmospheric water stress. <i>Nature</i> , 2022, 608, 528-533.	13.7	74
14	Improving landscape-scale productivity estimates by integrating trait-based models and remotely-sensed foliar trait and canopy structural data. <i>Ecography</i> , 2022, 2022, .	2.1	4
15	Water table depth modulates productivity and biomass across Amazonian forests. <i>Global Ecology and Biogeography</i> , 2022, 31, 1571-1588.	2.7	17
16	Tallo: A global tree allometry and crown architecture database. <i>Global Change Biology</i> , 2022, 28, 5254-5268.	4.2	24
17	The Great Intergenerational Robbery: A Call for Concerted Action Against Environmental Crises. <i>Annual Review of Environment and Resources</i> , 2022, 47, 1-4.	5.6	2
18	Integrating the evidence for a terrestrial carbon sink caused by increasing atmospheric CO ₂ . <i>New Phytologist</i> , 2021, 229, 2413-2445.	3.5	286

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19	Modern pollen rain predicts shifts in plant trait composition but not plant diversity along the Andesâ€™ Amazon elevational gradient. <i>Journal of Vegetation Science</i> , 2021, 32, e12925.	1.1	5
20	Does economic optimisation explain LAI and leaf trait distributions across an Amazon soil moisture gradient?. <i>Global Change Biology</i> , 2021, 27, 587-605.	4.2	4
21	The mechanical stability of the worldâ€™s tallest broadleaf trees. <i>Biotropica</i> , 2021, 53, 110-120.	0.8	20
22	Pantropical modelling of canopy functional traits using Sentinel-2 remote sensing data. <i>Remote Sensing of Environment</i> , 2021, 252, 112122.	4.6	38
23	A distinct ecotonal tree community exists at central African forestâ€™savanna transitions. <i>Journal of Ecology</i> , 2021, 109, 1170-1183.	1.9	17
24	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. <i>Biological Conservation</i> , 2021, 253, 108907.	1.9	122
25	Automated and accurate segmentation of leaf venation networks via deep learning. <i>New Phytologist</i> , 2021, 229, 631-648.	3.5	17
26	Leaf manganese concentrations as a tool to assess belowground plant functioning in phosphorus-impooverished environments. <i>Plant and Soil</i> , 2021, 461, 43-61.	1.8	52
27	The Global Ecosystems Monitoring network: Monitoring ecosystem productivity and carbon cycling across the tropics. <i>Biological Conservation</i> , 2021, 253, 108889.	1.9	42
28	Understanding water and energy fluxes in the Amazonia: Lessons from an observationâ€™model intercomparison. <i>Global Change Biology</i> , 2021, 27, 1802-1819.	4.2	6
29	Assessing invertebrate herbivory in humanâ€™modified tropical forest canopies. <i>Ecology and Evolution</i> , 2021, 11, 4012-4022.	0.8	5
30	Interactions between all pairs of neighboring trees in 16 forests worldwide reveal details of unique ecological processes in each forest, and provide windows into their evolutionary histories. <i>PLoS Computational Biology</i> , 2021, 17, e1008853.	1.5	1
31	Multiscale mapping of plant functional groups and plant traits in the High Arctic using field spectroscopy, UAV imagery and Sentinel-2A data. <i>Environmental Research Letters</i> , 2021, 16, 055006.	2.2	34
32	Non-structural carbohydrates mediate seasonal water stress across Amazon forests. <i>Nature Communications</i> , 2021, 12, 2310.	5.8	59
33	Mature Andean forests as globally important carbon sinks and future carbon refuges. <i>Nature Communications</i> , 2021, 12, 2138.	5.8	26
34	Amazon tree dominance across forest strata. <i>Nature Ecology and Evolution</i> , 2021, 5, 757-767.	3.4	27
35	Fine root dynamics across pantropical rainforest ecosystems. <i>Global Change Biology</i> , 2021, 27, 3657-3680.	4.2	13
36	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, .	3.3	37

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37	Arbuscular mycorrhizal trees influence the latitudinal beta-diversity gradient of tree communities in forests worldwide. <i>Nature Communications</i> , 2021, 12, 3137.	5.8	28
38	Nature-based solutions can help cool the planet “if we act now. <i>Nature</i> , 2021, 593, 191-194.	13.7	128
39	The impact of logging on vertical canopy structure across a gradient of tropical forest degradation intensity in Borneo. <i>Journal of Applied Ecology</i> , 2021, 58, 1764-1775.	1.9	26
40	Individual tree detection and crown segmentation based on metabolic theory from airborne laser scanning data. <i>Journal of Applied Remote Sensing</i> , 2021, 15, .	0.6	3
41	Detecting vulnerability of humid tropical forests to multiple stressors. <i>One Earth</i> , 2021, 4, 988-1003.	3.6	41
42	Tracking the impacts of El Niño drought and fire in human-modified Amazonian forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	51
43	High aboveground carbon stock of African tropical montane forests. <i>Nature</i> , 2021, 596, 536-542.	13.7	65
44	Editorial: Tropical Montane Forests in a Changing Environment. <i>Frontiers in Plant Science</i> , 2021, 12, 712748.	1.7	14
45	Editorial: Intact Forests. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	1.0	1
46	The evolutionary assembly of forest communities along environmental gradients: recent diversification or sorting of pre-adapted clades?. <i>New Phytologist</i> , 2021, 232, 2506-2519.	3.5	4
47	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.	1.4	6
48	Terrestrial laser scanning to reconstruct branch architecture from harvested branches. <i>Methods in Ecology and Evolution</i> , 2021, 12, 2487-2500.	2.2	10
49	Anthropogenic climate change contribution to wildfire-prone weather conditions in the Cerrado and Arc of deforestation. <i>Environmental Research Letters</i> , 2021, 16, 094051.	2.2	6
50	Major and persistent shifts in below-ground carbon dynamics and soil respiration following logging in tropical forests. <i>Global Change Biology</i> , 2021, 27, 2225-2240.	4.2	27
51	Predicting tropical tree mortality with leaf spectroscopy. <i>Biotropica</i> , 2021, 53, 581-595.	0.8	3
52	The Role of Forest Elephants in Shaping Tropical Forest–Savanna Coexistence. <i>Ecosystems</i> , 2020, 23, 602-616.	1.6	33
53	Thinner bark increases sensitivity of wetter Amazonian tropical forests to fire. <i>Ecology Letters</i> , 2020, 23, 99-106.	3.0	40
54	Modelling the effect of the 2018 summer heatwave and drought on isoprene emissions in a UK woodland. <i>Global Change Biology</i> , 2020, 26, 2320-2335.	4.2	14

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55	Imaging spectroscopy reveals the effects of topography and logging on the leaf chemistry of tropical forest canopy trees. <i>Global Change Biology</i> , 2020, 26, 989-1002.	4.2	37
56	Continuous Isoprene Measurements in a UK Temperate Forest for a Whole Growing Season: Effects of Drought Stress During the 2018 Heatwave. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088885.	1.5	11
57	Tree mode of death and mortality risk factors across Amazon forests. <i>Nature Communications</i> , 2020, 11, 5515.	5.8	62
58	Examining land surface phenology in the tropical moist forest eco-zone of South America. <i>International Journal of Biometeorology</i> , 2020, 64, 1911-1922.	1.3	0
59	Linking functional traits to multiscale statistics of leaf venation networks. <i>New Phytologist</i> , 2020, 228, 1796-1810.	3.5	18
60	Mapping carbon accumulation potential from global natural forest regrowth. <i>Nature</i> , 2020, 585, 545-550.	13.7	278
61	Anthropogenic modification of forests means only 40% of remaining forests have high ecosystem integrity. <i>Nature Communications</i> , 2020, 11, 5978.	5.8	188
62	The Influence of Ecosystem and Phylogeny on Tropical Tree Crown Size and Shape. <i>Frontiers in Forests and Global Change</i> , 2020, 3, .	1.0	19
63	Long-term thermal sensitivity of Earth's tropical forests. <i>Science</i> , 2020, 368, 869-874.	6.0	198
64	Biased-corrected richness estimates for the Amazonian tree flora. <i>Scientific Reports</i> , 2020, 10, 10130.	1.6	53
65	Patterns and controls on fine-root dynamics along a rainfall gradient in Ghana. <i>Trees - Structure and Function</i> , 2020, 34, 917-929.	0.9	9
66	Changes in oak (<i>Quercus robur</i>) photosynthesis after winter moth (<i>Operophtera brumata</i>) herbivory are not explained by changes in chemical or structural leaf traits. <i>PLoS ONE</i> , 2020, 15, e0228157.	1.1	8
67	The Influence of Taxonomy and Environment on Leaf Trait Variation Along Tropical Abiotic Gradients. <i>Frontiers in Forests and Global Change</i> , 2020, 3, .	1.0	19
68	Competition influences tree growth, but not mortality, across environmental gradients in Amazonia and tropical Africa. <i>Ecology</i> , 2020, 101, e03052.	1.5	57
69	Modeling Error Evaluation of Ground Observed Vegetation Parameters. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 4987-4994.	2.4	3
70	Asynchronous carbon sink saturation in African and Amazonian tropical forests. <i>Nature</i> , 2020, 579, 80-87.	13.7	439
71	Long-term droughts may drive drier tropical forests towards increased functional, taxonomic and phylogenetic homogeneity. <i>Nature Communications</i> , 2020, 11, 3346.	5.8	61
72	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , 2020, 29, 1495-1514.	2.7	62

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73	Assessment of Bias in Pan-Tropical Biomass Predictions. <i>Frontiers in Forests and Global Change</i> , 2020, 3, .	1.0	36
74	Climate change and ecosystems: threats, opportunities and solutions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190104.	1.8	333
75	Pleistocene Arctic megafaunal ecological engineering as a natural climate solution?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190122.	1.8	40
76	National mitigation potential from natural climate solutions in the tropics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190126.	1.8	157
77	Elevation and latitude drives structure and tree species composition in Andean forests: Results from a large-scale plot network. <i>PLoS ONE</i> , 2020, 15, e0231553.	1.1	54
78	The megabiota are disproportionately important for biosphere functioning. <i>Nature Communications</i> , 2020, 11, 699.	5.8	99
79	Rare ground data confirm significant warming and drying in western equatorial Africa. <i>PeerJ</i> , 2020, 8, e8732.	0.9	19
80	Resilience to climate shocks in the tropics. <i>Environmental Research Letters</i> , 2020, 15, 100203.	2.2	6
81	Title is missing!. , 2020, 15, e0231553.		0
82	Title is missing!. , 2020, 15, e0231553.		0
83	Title is missing!. , 2020, 15, e0231553.		0
84	Title is missing!. , 2020, 15, e0231553.		0
85	Seasonal changes in plant-water relations influence patterns of leaf display in Miombo woodlands: evidence of water conservative strategies. <i>Tree Physiology</i> , 2019, 39, 104-112.	1.4	9
86	Leaf venation networks of Bornean trees: images and hand-traced segmentations. <i>Ecology</i> , 2019, 100, e02844.	1.5	7
87	Phenology and Seasonal Ecosystem Productivity in an Amazonian Floodplain Forest. <i>Remote Sensing</i> , 2019, 11, 1530.	1.8	16
88	The Forest Observation System, building a global reference dataset for remote sensing of forest biomass. <i>Scientific Data</i> , 2019, 6, 198.	2.4	44
89	Coupling of El Niño events and long-term warming leads to pervasive climate extremes in the terrestrial tropics. <i>Environmental Research Letters</i> , 2019, 14, 105002.	2.2	46
90	Degradation and forgone removals increase the carbon impact of intact forest loss by 626%. <i>Science Advances</i> , 2019, 5, eaax2546.	4.7	87

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91	Evolutionary diversity is associated with wood productivity in Amazonian forests. <i>Nature Ecology and Evolution</i> , 2019, 3, 1754-1761.	3.4	32
92	The persistence of carbon in the African forest understory. <i>Nature Plants</i> , 2019, 5, 133-140.	4.7	41
93	Extensive 21st-Century Woody Encroachment in South America's Savanna. <i>Geophysical Research Letters</i> , 2019, 46, 6594-6603.	1.5	62
94	A New Architectural Perspective on Wind Damage in a Natural Forest. <i>Frontiers in Forests and Global Change</i> , 2019, 1, .	1.0	20
95	An architectural understanding of natural sway frequencies in trees. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190116.	1.5	32
96	The structures underpinning vulnerability: examining landscape-society interactions in a smallholder coffee agroforestry system. <i>Environmental Research Letters</i> , 2019, 14, 075006.	2.2	11
97	Patterns of nitrogen-fixing tree abundance in forests across Asia and America. <i>Journal of Ecology</i> , 2019, 107, 2598-2610.	1.9	29
98	Carbon dynamics, net primary productivity and human-appropriated net primary productivity across a forest-cocoa farm landscape in West Africa. <i>Global Change Biology</i> , 2019, 25, 2661-2677.	4.2	30
99	Leaf age effects on the spectral predictability of leaf traits in Amazonian canopy trees. <i>Science of the Total Environment</i> , 2019, 666, 1301-1315.	3.9	22
100	Drier tropical forests are susceptible to functional changes in response to a long-term drought. <i>Ecology Letters</i> , 2019, 22, 855-865.	3.0	75
101	Estimating architecture-based metabolic scaling exponents of tropical trees using terrestrial LiDAR and 3D modelling. <i>Forest Ecology and Management</i> , 2019, 439, 132-145.	1.4	39
102	Bryophyte stable isotope composition, diversity and biomass define tropical montane cloud forest extent. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182284.	1.2	13
103	Individual-Based Modeling of Amazon Forests Suggests That Climate Controls Productivity While Traits Control Demography. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	19
104	Informing trait-based ecology by assessing remotely sensed functional diversity across a broad tropical temperature gradient. <i>Science Advances</i> , 2019, 5, eaaw8114.	4.7	51
105	The importance of physiological, structural and trait responses to drought stress in driving spatial and temporal variation in GPP across Amazon forests. <i>Biogeosciences</i> , 2019, 16, 4463-4484.	1.3	15
106	Deliberation for wildfire risk management: Addressing conflicting views in the Chiquitania, Bolivia. <i>Geographical Journal</i> , 2019, 185, 38-54.	1.6	13
107	Compositional response of Amazon forests to climate change. <i>Global Change Biology</i> , 2019, 25, 39-56.	4.2	265
108	Variability in modern pollen rain from moist and wet tropical forest plots in Ghana, West Africa. <i>Grana</i> , 2019, 58, 45-62.	0.4	1

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109	Finite element analysis of trees in the wind based on terrestrial laser scanning data. <i>Agricultural and Forest Meteorology</i> , 2019, 265, 137-144.	1.9	54
110	Logging and soil nutrients independently explain plant trait expression in tropical forests. <i>New Phytologist</i> , 2019, 221, 1853-1865.	3.5	69
111	Covariance of Sun and Shade Leaf Traits Along a Tropical Forest Elevation Gradient. <i>Frontiers in Plant Science</i> , 2019, 10, 1810.	1.7	23
112	New perspectives on the ecology of tree structure and tree communities through terrestrial laser scanning. <i>Interface Focus</i> , 2018, 8, 20170052.	1.5	76
113	Drivers and mechanisms of tree mortality in moist tropical forests. <i>New Phytologist</i> , 2018, 219, 851-869.	3.5	341
114	21st Century drought-related fires counteract the decline of Amazon deforestation carbon emissions. <i>Nature Communications</i> , 2018, 9, 536.	5.8	485
115	Structural and defensive roles of angiosperm leaf venation network reticulation across an Andes-Amazon elevation gradient. <i>Journal of Ecology</i> , 2018, 106, 1683-1699.	1.9	18
116	Logging disturbance shifts net primary productivity and its allocation in Bornean tropical forests. <i>Global Change Biology</i> , 2018, 24, 2913-2928.	4.2	98
117	Field methods for sampling tree height for tropical forest biomass estimation. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1179-1189.	2.2	78
118	Pollen-vegetation richness and diversity relationships in the tropics. <i>Vegetation History and Archaeobotany</i> , 2018, 27, 411-418.	1.0	31
119	Net ecosystem productivity and carbon dynamics of the traditionally managed Imperata grasslands of North East India. <i>Science of the Total Environment</i> , 2018, 635, 1124-1131.	3.9	10
120	Fine-root exploitation strategies differ in tropical old growth and logged-over forests in Ghana. <i>Biotropica</i> , 2018, 50, 606-615.	0.8	14
121	Impacts on terrestrial biodiversity of moving from a 2°C to a 1.5°C target. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20160456.	1.6	24
122	Ancient deforestation in the green heart of Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3202-3204.	3.3	17
123	Fire effects and ecological recovery pathways of tropical montane cloud forests along a time chronosequence. <i>Global Change Biology</i> , 2018, 24, 758-772.	4.2	16
124	What controls variation in carbon use efficiency among Amazonian tropical forests?. <i>Biotropica</i> , 2018, 50, 16-25.	0.8	28
125	Land Use Change in India (1700-2000) as Examined through the Lens of Human Appropriation of Net Primary Productivity. <i>Journal of Industrial Ecology</i> , 2018, 22, 1202-1212.	2.8	11
126	Forest biomass, productivity and carbon cycling along a rainfall gradient in West Africa. <i>Global Change Biology</i> , 2018, 24, e496-e510.	4.2	50

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127	The modern pollen-vegetation relationships of a tropical forest-savannah mosaic landscape, Ghana, West Africa. <i>Palynology</i> , 2018, 42, 324-338.	0.7	20
128	Grass Species Flammability, Not Biomass, Drives Changes in Fire Behavior at Tropical Forest-Savanna Transitions. <i>Frontiers in Forests and Global Change</i> , 2018, 1, .	1.0	43
129	Rethinking Fuelwood: People, Policy and the Anatomy of a Charcoal Supply Chain in a Decentralizing Peru. <i>Forests</i> , 2018, 9, 533.	0.9	5
130	Mapping the Leaf Economic Spectrum across West African Tropical Forests Using UAV-Acquired Hyperspectral Imagery. <i>Remote Sensing</i> , 2018, 10, 1532.	1.8	22
131	Global trait-environment relationships of plant communities. <i>Nature Ecology and Evolution</i> , 2018, 2, 1906-1917.	3.4	397
132	Tropical forest leaves may darken in response to climate change. <i>Nature Ecology and Evolution</i> , 2018, 2, 1918-1924.	3.4	23
133	Widespread but heterogeneous responses of Andean forests to climate change. <i>Nature</i> , 2018, 564, 207-212.	13.7	184
134	Leaf-level photosynthetic capacity dynamics in relation to soil and foliar nutrients along forest-savanna boundaries in Ghana and Brazil. <i>Tree Physiology</i> , 2018, 38, 1912-1925.	1.4	23
135	New insights into the variability of the tropical land carbon cycle from the El Niño of 2015/2016. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170298.	1.8	21
136	Spatio-temporal patterns of thermal anomalies and drought over tropical forests driven by recent extreme climatic anomalies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170300.	1.8	24
137	Tree growth and stem carbon accumulation in human-modified Amazonian forests following drought and fire. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170308.	1.8	29
138	Quantifying immediate carbon emissions from El Niño-mediated wildfires in humid tropical forests. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170312.	1.8	64
139	Inter-comparison and assessment of gridded climate products over tropical forests during the 2015/2016 El Niño. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170406.	1.8	25
140	ENSO Drives interannual variation of forest woody growth across the tropics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170410.	1.8	41
141	Simulating impacts of rapid forest loss on population size, connectivity and genetic diversity of Sunda clouded leopards (<i>Neofelis diardi</i>) in Borneo. <i>PLoS ONE</i> , 2018, 13, e0196974.	1.1	23
142	Contribution and stability of forest-derived soil organic carbon during woody encroachment in a tropical savanna. A case study in Gabon. <i>Biology and Fertility of Soils</i> , 2018, 54, 897-907.	2.3	4
143	Pan-tropical prediction of forest structure from the largest trees. <i>Global Ecology and Biogeography</i> , 2018, 27, 1366-1383.	2.7	78
144	Quantifying branch architecture of tropical trees using terrestrial LiDAR and 3D modelling. <i>Trees - Structure and Function</i> , 2018, 32, 1219-1231.	0.9	90

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145	Small-scale indirect plant responses to insect herbivory could have major impacts on canopy photosynthesis and isoprene emission. <i>New Phytologist</i> , 2018, 220, 799-810.	3.5	25
146	<i>In Situ</i> Reference Datasets From the TropiSAR and AfriSAR Campaigns in Support of Upcoming Spaceborne Biomass Missions. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 3617-3627.	2.3	49
147	Estimating aboveground carbon density and its uncertainty in Borneo's structurally complex tropical forests using airborne laser scanning. <i>Biogeosciences</i> , 2018, 15, 3811-3830.	1.3	47
148	Impacts of fire on sources of soil CO_2 efflux in a dry Amazon rain forest. <i>Global Change Biology</i> , 2018, 24, 3629-3641.	4.2	23
149	Global importance of large-diameter trees. <i>Global Ecology and Biogeography</i> , 2018, 27, 849-864.	2.7	330
150	Realistic Forest Stand Reconstruction from Terrestrial LiDAR for Radiative Transfer Modelling. <i>Remote Sensing</i> , 2018, 10, 933.	1.8	94
151	Leaf aging of Amazonian canopy trees as revealed by spectral and physiochemical measurements. <i>New Phytologist</i> , 2017, 214, 1049-1063.	3.5	132
152	Seasonal drought limits tree species across the Neotropics. <i>Ecography</i> , 2017, 40, 618-629.	2.1	143
153	Diversity and carbon storage across the tropical forest biome. <i>Scientific Reports</i> , 2017, 7, 39102.	1.6	251
154	Predicting trait-environment relationships for venation networks along an Andes-Amazon elevation gradient. <i>Ecology</i> , 2017, 98, 1239-1255.	1.5	31
155	Erosion of organic carbon from the Andes and its effects on ecosystem carbon dioxide balance. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 449-469.	1.3	28
156	Persistent effects of pre-Columbian plant domestication on Amazonian forest composition. <i>Science</i> , 2017, 355, 925-931.	6.0	443
157	Solar radiation and functional traits explain the decline of forest primary productivity along a tropical elevation gradient. <i>Ecology Letters</i> , 2017, 20, 730-740.	3.0	100
158	Multiple-scale prediction of forest loss risk across Borneo. <i>Landscape Ecology</i> , 2017, 32, 1581-1598.	1.9	104
159	Soil respiration and mass balance estimation of fine root production in <i>Fitzroya cupressoides</i> forests of southern Chile. <i>Ecosphere</i> , 2017, 8, e01640.	1.0	9
160	Can Leaf Spectroscopy Predict Leaf and Forest Traits Along a Peruvian Tropical Forest Elevation Gradient?. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 2952-2965.	1.3	17
161	Agroforestry Can Enhance Food Security While Meeting Other Sustainable Development Goals. <i>Tropical Conservation Science</i> , 2017, 10, 194008291772066.	0.6	128
162	Assessing trait-based scaling theory in tropical forests spanning a broad temperature gradient. <i>Global Ecology and Biogeography</i> , 2017, 26, 1357-1373.	2.7	57

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163	The Concept of the Anthropocene. <i>Annual Review of Environment and Resources</i> , 2017, 42, 77-104.	5.6	126
164	Does soil pyrogenic carbon determine plant functional traits in Amazon Basin forests?. <i>Plant Ecology</i> , 2017, 218, 1047-1062.	0.7	5
165	Identifying ambassador species for conservation marketing. <i>Global Ecology and Conservation</i> , 2017, 12, 204-214.	1.0	73
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