

Frans Bongers

List of Publications by Year in descending order

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Version: 2024-02-01

179
papers

23,251
citations

13865

67
h-index

8630

146
g-index

187
all docs

187
docs citations

187
times ranked

18404
citing authors

#	ARTICLE	IF	CITATIONS
1	The worldwide leaf economics spectrum. <i>Nature</i> , 2004, 428, 821-827.	27.8	6,489
2	Biomass resilience of Neotropical secondary forests. <i>Nature</i> , 2016, 530, 211-214.	27.8	763
3	LEAF TRAITS ARE GOOD PREDICTORS OF PLANT PERFORMANCE ACROSS 53 RAIN FOREST SPECIES. <i>Ecology</i> , 2006, 87, 1733-1743.	3.2	684
4	Functional traits and environmental filtering drive community assembly in a species-rich tropical system. <i>Ecology</i> , 2010, 91, 386-398.	3.2	447
5	Rates of change in tree communities of secondary Neotropical forests following major disturbances. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 273-289.	4.0	441
6	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. <i>Science Advances</i> , 2016, 2, e1501639.	10.3	423
7	Increasing liana abundance and biomass in tropical forests: emerging patterns and putative mechanisms. <i>Ecology Letters</i> , 2011, 14, 397-406.	6.4	421
8	Multiple successional pathways in human-modified tropical landscapes: new insights from forest succession, forest fragmentation and landscape ecology research. <i>Biological Reviews</i> , 2017, 92, 326-340.	10.4	410
9	ARCHITECTURE OF 54 MOIST-FOREST TREE SPECIES: TRAITS, TRADE-OFFS, AND FUNCTIONAL GROUPS. <i>Ecology</i> , 2006, 87, 1289-1301.	3.2	406
10	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
11	No growth stimulation of tropical trees by 150 years of CO ₂ fertilization but water-use efficiency increased. <i>Nature Geoscience</i> , 2015, 8, 24-28.	12.9	348
12	An estimate of the number of tropical tree species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7472-7477.	7.1	335
13	Ecological differentiation in xylem cavitation resistance is associated with stem and leaf structural traits. <i>Plant, Cell and Environment</i> , 2011, 34, 137-148.	5.7	308
14	Biodiversity recovery of Neotropical secondary forests. <i>Science Advances</i> , 2019, 5, eaau3114.	10.3	291
15	Successional dynamics in Neotropical forests are as uncertain as they are predictable. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8013-8018.	7.1	272
16	Compositional response of Amazon forests to climate change. <i>Global Change Biology</i> , 2019, 25, 39-56.	9.5	265
17	Allometric equations for integrating remote sensing imagery into forest monitoring programmes. <i>Global Change Biology</i> , 2017, 23, 177-190.	9.5	254
18	Diversity and carbon storage across the tropical forest biome. <i>Scientific Reports</i> , 2017, 7, 39102.	3.3	251

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19	Successional changes in functional composition contrast for dry and wet tropical forest. <i>Ecology</i> , 2013, 94, 1211-1216.	3.2	239
20	Arbuscular mycorrhizal fungi enhance photosynthesis, water use efficiency, and growth of frankincense seedlings under pulsed water availability conditions. <i>Oecologia</i> , 2012, 169, 895-904.	2.0	216
21	Disentangling above- and below-ground competition between lianas and trees in a tropical forest. <i>Journal of Ecology</i> , 2005, 93, 1115-1125.	4.0	212
22	Beyond the regeneration phase: differentiation of height-light trajectories among tropical tree species. <i>Journal of Ecology</i> , 2005, 93, 256-267.	4.0	208
23	A Standard Protocol for Liana Censuses ¹ . <i>Biotropica</i> , 2006, 38, 256-261.	1.6	207
24	Estimating carbon stock in secondary forests: Decisions and uncertainties associated with allometric biomass models. <i>Forest Ecology and Management</i> , 2011, 262, 1648-1657.	3.2	203
25	Climate is a stronger driver of tree and forest growth rates than soil and disturbance. <i>Journal of Ecology</i> , 2011, 99, 254-264.	4.0	202
26	Biomass is the main driver of changes in ecosystem process rates during tropical forest succession. <i>Ecology</i> , 2015, 96, 1242-1252.	3.2	200
27	Long-term thermal sensitivity of Earth's tropical forests. <i>Science</i> , 2020, 368, 869-874.	12.6	198
28	Loss of secondary forest resilience by land-use intensification in the Amazon. <i>Journal of Ecology</i> , 2015, 103, 67-77.	4.0	194
29	ARCHITECTURE OF 53 RAIN FOREST TREE SPECIES DIFFERING IN ADULT STATURE AND SHADE TOLERANCE. <i>Ecology</i> , 2003, 84, 602-608.	3.2	191
30	The intermediate disturbance hypothesis applies to tropical forests, but disturbance contributes little to tree diversity. <i>Ecology Letters</i> , 2009, 12, 798-805.	6.4	190
31	Successional Change and Resilience of a Very Dry Tropical Deciduous Forest Following Shifting Agriculture. <i>Biotropica</i> , 2008, 40, 422-431.	1.6	185
32	Functional traits shape ontogenetic growth trajectories of rain forest tree species. <i>Journal of Ecology</i> , 2011, 99, 1431-1440.	4.0	180
33	How People Domesticated Amazonian Forests. <i>Frontiers in Ecology and Evolution</i> , 2018, 5, .	2.2	174
34	Environmental changes during secondary succession in a tropical dry forest in Mexico. <i>Journal of Tropical Ecology</i> , 2011, 27, 477-489.	1.1	172
35	Multidimensional tropical forest recovery. <i>Science</i> , 2021, 374, 1370-1376.	12.6	165
36	Phylogenetic classification of the world's tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1837-1842.	7.1	144

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37	Above-ground biomass and productivity in a rain forest of eastern South America. <i>Journal of Tropical Ecology</i> , 2008, 24, 355-366.	1.1	140
38	Effects of disturbance intensity on species and functional diversity in a tropical forest. <i>Journal of Ecology</i> , 2012, 100, 1453-1463.	4.0	138
39	Annual Rainfall and Seasonality Predict Panâ€tropical Patterns of Liana Density and Basal Area. <i>Biotropica</i> , 2010, 42, 309-317.	1.6	134
40	The pristine rain forest? Remnants of historical human impacts on current tree species composition and diversity. <i>Journal of Biogeography</i> , 2003, 30, 1381-1390.	3.0	130
41	Distribution patterns of tropical woody species in response to climatic and edaphic gradients. <i>Journal of Ecology</i> , 2012, 100, 253-263.	4.0	128
42	Community dynamics during early secondary succession in Mexican tropical rain forests. <i>Journal of Tropical Ecology</i> , 2006, 22, 663-674.	1.1	125
43	Are functional traits good predictors of species performance in restoration plantings in tropical abandoned pastures?. <i>Forest Ecology and Management</i> , 2013, 303, 35-45.	3.2	125
44	Pathways, mechanisms and predictability of vegetation change during tropical dry forest succession. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2010, 12, 267-275.	2.7	123
45	Wet and dry tropical forests show opposite successional pathways in wood density but converge over time. <i>Nature Ecology and Evolution</i> , 2019, 3, 928-934.	7.8	120
46	The importance of biodiversity and dominance for multiple ecosystem functions in a humanâ€modified tropical landscape. <i>Ecology</i> , 2016, 97, 2772-2779.	3.2	119
47	Ontogenetic changes in size, allometry, and mechanical design of tropical rain forest trees. <i>American Journal of Botany</i> , 1998, 85, 266-272.	1.7	117
48	Seasonal differences in leaf-level physiology give lianas a competitive advantage over trees in a tropical seasonal forest. <i>Oecologia</i> , 2009, 161, 25-33.	2.0	117
49	The odd man out? Might climate explain the lower tree ð±â€diversity of African rain forests relative to Amazonian rain forests?. <i>Journal of Ecology</i> , 2007, 95, 1058-1071.	4.0	115
50	Waterâ€use advantage for lianas over trees in tropical seasonal forests. <i>New Phytologist</i> , 2015, 205, 128-136.	7.3	115
51	Crown development in tropical rain forest trees: patterns with tree height and light availability. <i>Journal of Ecology</i> , 2001, 89, 1-13.	4.0	113
52	Changing drivers of species dominance during tropical forest succession. <i>Functional Ecology</i> , 2014, 28, 1052-1058.	3.6	111
53	Functional diversity changes during tropical forest succession. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2012, 14, 89-96.	2.7	110
54	Legume abundance along successional and rainfall gradients in Neotropical forests. <i>Nature Ecology and Evolution</i> , 2018, 2, 1104-1111.	7.8	107

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55	Effects of livestock exclusion on tree regeneration in church forests of Ethiopia. <i>Forest Ecology and Management</i> , 2009, 257, 765-772.	3.2	102
56	Functional Trait Strategies of Trees in Dry and Wet Tropical Forests Are Similar but Differ in Their Consequences for Succession. <i>PLoS ONE</i> , 2015, 10, e0123741.	2.5	102
57	The effect of tapping for frankincense on sexual reproduction in <i>Boswellia papyrifera</i> . <i>Journal of Applied Ecology</i> , 2006, 43, 1188-1195.	4.0	96
58	Species Dynamics During Early Secondary Forest Succession: Recruitment, Mortality and Species Turnover. <i>Biotropica</i> , 2007, 39, 610-619.	1.6	94
59	Conservation of the Ethiopian church forests: Threats, opportunities and implications for their management. <i>Science of the Total Environment</i> , 2016, 551-552, 404-414.	8.0	93
60	Species and structural diversity of church forests in a fragmented Ethiopian Highland landscape. <i>Journal of Vegetation Science</i> , 2010, 21, 938-948.	2.2	92
61	Natural forest regeneration and ecological restoration in human-modified tropical landscapes. <i>Biotropica</i> , 2016, 48, 745-757.	1.6	91
62	Phylogenetic community structure during succession: Evidence from three Neotropical forest sites. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2012, 14, 79-87.	2.7	89
63	Potential of tree-ring analysis in a wet tropical forest: A case study on 22 commercial tree species in Central Africa. <i>Forest Ecology and Management</i> , 2014, 323, 65-78.	3.2	89
64	Regeneration of canopy tree species at five sites in West African moist forest. <i>Forest Ecology and Management</i> , 1996, 84, 61-69.	3.2	88
65	The number of tree species on Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	86
66	Functional diversity effects on productivity increase with age in a forest biodiversity experiment. <i>Nature Ecology and Evolution</i> , 2021, 5, 1594-1603.	7.8	83
67	Biomass partitioning and root morphology of savanna trees across a water gradient. <i>Journal of Ecology</i> , 2012, 100, 1113-1121.	4.0	80
68	Estimating aboveground net biomass change for tropical and subtropical forests: Refinement of IPCC default rates using forest plot data. <i>Global Change Biology</i> , 2019, 25, 3609-3624.	9.5	78
69	Whither the forest transition? Climate change, policy responses, and redistributed forests in the twenty-first century. <i>Ambio</i> , 2020, 49, 74-84.	5.5	68
70	Tree architecture in a Bornean lowland rain forest: intraspecific and interspecific patterns. <i>Plant Ecology</i> , 2001, 153, 279-292.	1.6	66
71	Drivers of tree carbon storage in subtropical forests. <i>Science of the Total Environment</i> , 2019, 654, 684-693.	8.0	65
72	Land use as a filter for species composition in Amazonian secondary forests. <i>Journal of Vegetation Science</i> , 2016, 27, 1104-1116.	2.2	63

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73	The role of land-use history in driving successional pathways and its implications for the restoration of tropical forests. <i>Biological Reviews</i> , 2021, 96, 1114-1134.	10.4	63
74	Limitations to sustainable frankincense production: blocked regeneration, high adult mortality and declining populations. <i>Journal of Applied Ecology</i> , 2012, 49, 164-173.	4.0	62
75	Tree mode of death and mortality risk factors across Amazon forests. <i>Nature Communications</i> , 2020, 11, 5515.	12.8	62
76	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , 2020, 29, 1495-1514.	5.8	62
77	Spatial distribution of gaps along three catenas in the moist forest of Tañ National Park, Ivory Coast. <i>Journal of Tropical Ecology</i> , 1994, 10, 385-398.	1.1	58
78	Frankincense tree recruitment failed over the past half century. <i>Forest Ecology and Management</i> , 2013, 304, 65-72.	3.2	58
79	Distribution of the frankincense tree <i>Boswellia papyrifera</i> in Eritrea: the role of environment and land use. <i>Journal of Biogeography</i> , 2006, 33, 524-535.	3.0	56
80	Seedling Growth Strategies in <i>Bauhinia</i> Species: Comparing Lianas and Trees. <i>Annals of Botany</i> , 2007, 100, 831-838.	2.9	56
81	Tree Regeneration in Church Forests of Ethiopia: Effects of Microsites and Management. <i>Biotropica</i> , 2009, 41, 110-119.	1.6	55
82	Seasonal variation in soil and plant water potentials in a Bolivian tropical moist and dry forest. <i>Journal of Tropical Ecology</i> , 2010, 26, 497-508.	1.1	55
83	Swiddens under transition: Consequences of agricultural intensification in the Amazon. <i>Agriculture, Ecosystems and Environment</i> , 2016, 218, 116-125.	5.3	55
84	Spatial and temporal dynamics of shifting cultivation in the middle-Amazonas river: Expansion and intensification. <i>PLoS ONE</i> , 2017, 12, e0181092.	2.5	54
85	Methods to assess tropical rain forest canopy structure: an overview. <i>Plant Ecology</i> , 2001, 153, 263-277.	1.6	53
86	Diversity and production of Ethiopian dry woodlands explained by climate- and soil-stress gradients. <i>Forest Ecology and Management</i> , 2011, 261, 1499-1509.	3.2	53
87	Plant Functional Traits and the Distribution of West African Rain Forest Trees along the Rainfall Gradient. <i>Biotropica</i> , 2011, 43, 552-561.	1.6	52
88	Relative growth rate variation of evergreen and deciduous savanna tree species is driven by different traits. <i>Annals of Botany</i> , 2014, 114, 315-324.	2.9	52
89	Tree seedling performance in canopy gaps in a tropical rain forest at Nouragues, French Guiana. <i>Journal of Tropical Ecology</i> , 1998, 14, 119-137.	1.1	50
90	The Potential of Tree Rings for the Study of Forest Succession in Southern Mexico. <i>Biotropica</i> , 2009, 41, 186-195.	1.6	50

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91	Environmental gradients and the evolution of successional habitat specialization: a test case with 14 Neotropical forest sites. <i>Journal of Ecology</i> , 2015, 103, 1276-1290.	4.0	50
92	Rainfall and temperature affect tree species distribution in Ghana. <i>Journal of Tropical Ecology</i> , 2014, 30, 435-446.	1.1	48
93	No evidence for consistent long-term growth stimulation of 13 tropical tree species: results from tree-ring analysis. <i>Global Change Biology</i> , 2015, 21, 3762-3776.	9.5	47
94	Photosynthetic induction in saplings of three shade-tolerant tree species: comparing understorey and gap habitats in a French Guiana rain forest. <i>Oecologia</i> , 2000, 125, 331-340.	2.0	45
95	Host body size and the diversity of tick assemblages on Neotropical vertebrates. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2016, 5, 295-304.	1.5	45
96	Forest structure drives changes in light heterogeneity during tropical secondary forest succession. <i>Journal of Ecology</i> , 2021, 109, 2871-2884.	4.0	45
97	Contrasting nitrogen and phosphorus resorption efficiencies in trees and lianas from a tropical montane rain forest in Xishuangbanna, south-west China. <i>Journal of Tropical Ecology</i> , 2007, 23, 115-118.	1.1	42
98	Patterns and Determinants of Floristic Variation across Lowland Forests of Bolivia. <i>Biotropica</i> , 2011, 43, 405-413.	1.6	41
99	Arbuscular mycorrhizal associations in <i>Boswellia papyrifera</i> (frankincense-tree) dominated dry deciduous woodlands of Northern Ethiopia. <i>Forest Ecology and Management</i> , 2010, 260, 2160-2169.	3.2	40
100	The relative importance of above- versus belowground competition for tree growth during early succession of a tropical moist forest. <i>Plant Ecology</i> , 2012, 213, 25-34.	1.6	39
101	Frankincense in peril. <i>Nature Sustainability</i> , 2019, 2, 602-610.	23.7	39
102	Drivers of farmer-managed natural regeneration in the Sahel. Lessons for restoration. <i>Scientific Reports</i> , 2020, 10, 15038.	3.3	38
103	Above- and below-ground competition in high and low irradiance: tree seedling responses to a competing liana <i>Byttneria grandifolia</i> . <i>Journal of Tropical Ecology</i> , 2008, 24, 517-524.	1.1	37
104	Demographic Drivers of Aboveground Biomass Dynamics During Secondary Succession in Neotropical Dry and Wet Forests. <i>Ecosystems</i> , 2017, 20, 340-353.	3.4	37
105	Community and ecosystem ramifications of increasing lianas in neotropical forests. <i>Plant Signaling and Behavior</i> , 2011, 6, 598-600.	2.4	36
106	Light fluctuations, crown traits, and response delays for tree saplings in a Costa Rican lowland rain forest. <i>Journal of Tropical Ecology</i> , 1999, 15, 83-95.	1.1	35
107	Small and slow is safe: On the drought tolerance of tropical tree species. <i>Global Change Biology</i> , 2022, 28, 2622-2638.	9.5	35
108	Functional recovery of secondary tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	34

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109	Land-use intensification effects on functional properties in tropical plant communities. <i>Ecological Applications</i> , 2016, 26, 174-189.	3.8	33
110	Interpreting forest diversity-productivity relationships: volume values, disturbance histories and alternative inferences. <i>Forest Ecosystems</i> , 2020, 7, .	3.1	33
111	Demographic drivers of functional composition dynamics. <i>Ecology</i> , 2017, 98, 2743-2750.	3.2	30
112	Maximum size distributions in tropical forest communities: relationships with rainfall and disturbance. <i>Journal of Ecology</i> , 2008, 96, 495-504.	4.0	29
113	Effects of resin tapping and tree size on the purity, germination and storage behavior of <i>Boswellia papyrifera</i> (Del.) Hochst. seeds from Metema District, northwestern Ethiopia. <i>Forest Ecology and Management</i> , 2012, 269, 31-36.	3.2	29
114	Resin secretory structures of <i>Boswellia papyrifera</i> and implications for frankincense yield. <i>Annals of Botany</i> , 2013, 111, 61-68.	2.9	29
115	Frankincense production is determined by tree size and tapping frequency and intensity. <i>Forest Ecology and Management</i> , 2012, 274, 136-142.	3.2	28
116	Pantropical variability in tree crown allometry. <i>Global Ecology and Biogeography</i> , 2021, 30, 459-475.	5.8	27
117	Climate and soil drive forest structure in Bolivian lowland forests. <i>Journal of Tropical Ecology</i> , 2011, 27, 333-345.	1.1	25
118	Hyper-temporal SPOT-NDVI dataset parameterization captures species distributions. <i>International Journal of Geographical Information Science</i> , 2016, 30, 89-107.	4.8	25
119	Fully exposed canopy tree and liana branches in a tropical forest differ in mechanical traits but are similar in hydraulic traits. <i>Tree Physiology</i> , 2019, 39, 1713-1724.	3.1	25
120	Frankincense tapping reduces the carbohydrate storage of <i>Boswellia</i> trees. <i>Tree Physiology</i> , 2013, 33, 601-608.	3.1	24
121	Amazonian Dark Earth Shapes the Understory Plant Community in a Bolivian Forest. <i>Biotropica</i> , 2015, 47, 152-161.	1.6	24
122	Lianas have more acquisitive traits than trees in a dry but not in a wet forest. <i>Journal of Ecology</i> , 2021, 109, 2367-2384.	4.0	22
123	How do Light and Water Acquisition Strategies Affect Species Selection during Secondary Succession in Moist Tropical Forests?. <i>Forests</i> , 2015, 6, 2047-2065.	2.1	21
124	Response to Comment on "Persistent effects of pre-Columbian plant domestication on Amazonian forest composition". <i>Science</i> , 2017, 358, .	12.6	21
125	Liana species decline in Congo basin contrasts with global patterns. <i>Ecology</i> , 2020, 101, e03004.	3.2	21
126	Aboveground forest biomass varies across continents, ecological zones and successional stages: refined IPCC default values for tropical and subtropical forests. <i>Environmental Research Letters</i> , 2022, 17, 014047.	5.2	21

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127	Frankincense tapping reduced photosynthetic carbon gain in <i>Boswellia papyrifera</i> (Burseraceae) trees. <i>Forest Ecology and Management</i> , 2012, 278, 1-8.	3.2	20
128	Photosynthetic bark: Use of chlorophyll absorption continuum index to estimate <i>Boswellia papyrifera</i> bark chlorophyll content. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 23, 71-80.	2.8	20
129	Time lags between crown and basal sap flows in tropical lianas and co-occurring trees. <i>Tree Physiology</i> , 2016, 36, 736-747.	3.1	20
130	Temperate forest development during secondary succession: effects of soil, dominant species and management. <i>European Journal of Forest Research</i> , 2014, 133, 511-523.	2.5	18
131	The frankincense tree <i>Boswellia neglecta</i> reveals high potential for restoration of woodlands in the Horn of Africa. <i>Forest Ecology and Management</i> , 2017, 385, 16-24.	3.2	18
132	Functional biogeography of Neotropical moist forests: Trait-climate relationships and assembly patterns of tree communities. <i>Global Ecology and Biogeography</i> , 2021, 30, 1430-1446.	5.8	18
133	Composition of Woody Species in a Dynamic forest-woodland-savannah Mosaic in Uganda: Implications for Conservation and Management. <i>Biodiversity and Conservation</i> , 2006, 15, 1467-1495.	2.6	17
134	Leaf gas exchange in the frankincense tree (<i>Boswellia papyrifera</i>) of African dry woodlands. <i>Tree Physiology</i> , 2011, 31, 740-750.	3.1	17
135	Arbuscular mycorrhizal impacts on competitive interactions between <i>Acacia etbaica</i> and <i>Boswellia papyrifera</i> seedlings under drought stress. <i>Journal of Plant Ecology</i> , 2014, 7, 298-308.	2.3	17
136	Chemical differentiation of Bolivian <i>Cedrela</i> species as a tool to trace illegal timber trade. <i>Forestry</i> , 2018, 91, 603-613.	2.3	17
137	Water table depth modulates productivity and biomass across Amazonian forests. <i>Global Ecology and Biogeography</i> , 2022, 31, 1571-1588.	5.8	17
138	Biosocial and bionumerical diversity of variously sized home gardens in Tabasco, Mexico. <i>Agroforestry Systems</i> , 2013, 87, 93-107.	2.0	16
139	15N in tree rings as a bio-indicator of changing nitrogen cycling in tropical forests: an evaluation at three sites using two sampling methods. <i>Frontiers in Plant Science</i> , 2015, 6, 229.	3.6	16
140	Forest conservation: Humans' handprints. <i>Science</i> , 2017, 355, 466-467.	12.6	16
141	Using tree-ring data to improve timber-yield projections for African wet tropical forest tree species. <i>Forest Ecology and Management</i> , 2017, 400, 396-407.	3.2	16
142	Arbuscular mycorrhiza and water and nutrient supply differently impact seedling performance of dry woodland species with different acquisition strategies. <i>Plant Ecology and Diversity</i> , 2015, 8, 387-399.	2.4	15
143	Pre-Columbian soil fertilization and current management maintain food resource availability in old-growth Amazonian forests. <i>Plant and Soil</i> , 2020, 450, 29-48.	3.7	15
144	Differential ecological filtering across life cycle stages drive old-field succession in a neotropical dry forest. <i>Forest Ecology and Management</i> , 2021, 482, 118810.	3.2	15

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145	Lianas explore the forest canopy more effectively than trees under drier conditions. <i>Functional Ecology</i> , 2021, 35, 318-329.	3.6	15
146	Dry Forests of Ethiopia and Their Silviculture. <i>Tropical Forestry</i> , 2011, , 261-272.	1.0	15
147	Development of a population of <i>Boswellia elongata</i> Balf. F. in Homhil nature sanctuary, Socotra island (Yemen). <i>Rendiconti Lincei</i> , 2020, 31, 747-759.	2.2	12
148	How do lianas and trees change their vascular strategy in seasonal versus rain forest?. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2019, 40, 125465.	2.7	11
149	Different biomechanical design and ecophysiological strategies in juveniles of two liana species with contrasting growth habit. <i>American Journal of Botany</i> , 2014, 101, 925-934.	1.7	10
150	Structure and composition of the liana assemblage of a mixed rain forest in the Congo Basin. <i>Plant Ecology and Evolution</i> , 2015, 148, 29-42.	0.7	10
151	Frankincense yield is related to tree size and resin-canal characteristics. <i>Forest Ecology and Management</i> , 2015, 353, 41-48.	3.2	10
152	Trends in tropical tree growth: re-analyses confirm earlier findings. <i>Global Change Biology</i> , 2017, 23, 1761-1762.	9.5	10
153	The montane multifunctional landscape: How stakeholders in a biosphere reserve derive benefits and address trade-offs in ecosystem service supply. <i>Ecosystem Services</i> , 2020, 44, 101134.	5.4	10
154	Strong floristic distinctiveness across Neotropical successional forests. <i>Science Advances</i> , 2022, 8, .	10.3	10
155	Limited Edge Effects Along a Burned-Unburned Bornean Forest Boundary Seven Years after Disturbance. <i>Biotropica</i> , 2011, 43, 288-298.	1.6	9
156	Towards smarter harvesting from natural palm populations by sparing the individuals that contribute most to population growth or productivity. <i>Journal of Applied Ecology</i> , 2018, 55, 1682-1691.	4.0	9
157	Demographic differentiation among pioneer tree species during secondary succession of a Neotropical rainforest. <i>Journal of Ecology</i> , 2021, 109, 3572-3586.	4.0	9
158	Effects of Amazonian Dark Earths on growth and leaf nutrient balance of tropical tree seedlings. <i>Plant and Soil</i> , 2015, 396, 241-255.	3.7	8
159	Uniquely regenerating frankincense tree populations in western Ethiopia. <i>Forest Ecology and Management</i> , 2017, 389, 127-135.	3.2	8
160	Conifer and broadleaved trees differ in branch allometry but maintain similar functional balances. <i>Tree Physiology</i> , 2020, 40, 511-519.	3.1	8
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