

CITATION REPORT

List of articles citing

Diversity enhances carbon storage in tropical forests

DOI: 10.1111/geb.12364

Global Ecology and Biogeography, 2015, 24, 1314-1328.

Source: <https://exaly.com/paper-pdf/60581885/citation-report.pdf>

Version: 2024-04-29

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
299	Stand structural diversity rather than species diversity enhances aboveground carbon storage in secondary subtropical forests in Eastern China. 2016 , 13, 4627-4635		72
298	Aboveground Biomass and Carbon in a South African Mistbelt Forest and the Relationships with Tree Species Diversity and Forest Structures. <i>Forests</i> , 2016 , 7, 79	2.8	27
297	Drivers of aboveground wood production in a lowland tropical forest of West Africa: teasing apart the roles of tree density, tree diversity, soil phosphorus, and historical logging. 2016 , 6, 4004-17		24
296	Seed size predicts community composition and carbon storage potential of tree communities in rain forest fragments in India's Western Ghats. 2016 , 53, 837-845		18
295	Natural forest regeneration and ecological restoration in human-modified tropical landscapes. <i>Biotropica</i> , 2016 , 48, 745-757	2.3	67
294	Above ground biomass and tree species richness estimation with airborne lidar in tropical Ghana forests. 2016 , 52, 371-379		30
293	Lianas and soil nutrients predict fine-scale distribution of above-ground biomass in a tropical moist forest. <i>Journal of Ecology</i> , 2016 , 104, 1819-1828	6	22
292	Global change effects on humid tropical forests: Evidence for biogeochemical and biodiversity shifts at an ecosystem scale. 2016 , 54, 523-610		47
291	Primary productivity is weakly related to floristic alpha and beta diversity across Australia. <i>Global Ecology and Biogeography</i> , 2016 , 25, 1294-1307	6.1	12
290	Plant diversity in a changing world: Status, trends, and conservation needs. 2016 , 38, 10-16		136
289	The Impacts of Droughts in Tropical Forests. 2016 , 21, 584-593		102
288	Biomass resilience of Neotropical secondary forests. 2016 , 530, 211-4		557
287	Biodiversity and ecosystem services in forest ecosystems: a research agenda for applied forest ecology. 2017 , 54, 12-27		178
286	Diversity and carbon storage across the tropical forest biome. <i>Scientific Reports</i> , 2017 , 7, 39102	4.9	177
285	Abiotic and biotic drivers of biomass change in a Neotropical forest. <i>Journal of Ecology</i> , 2017 , 105, 1223-1234		80
284	Strong biotic influences on regional patterns of climate regulation services. 2017 , 31, 787-803		2
283	Human and natural controls of the variation in aboveground tree biomass in African dry tropical forests. 2017 , 27, 1578-1593		7

282	Disentangling the effects of species diversity, and intraspecific and interspecific tree size variation on aboveground biomass in dry zone homegarden agroforestry systems. 2017 , 598, 38-48		14
281	The effect of microclimate on wood decay is indirectly altered by tree species diversity in a litterbag study. <i>Journal of Plant Ecology</i> , 2017 , 10, 170-178	1.7	15
280	Do functional diversity and trait dominance determine carbon storage in an altered tropical landscape?. 2017 , 184, 569-581		9
279	New insights on above ground biomass and forest attributes in tropical montane forests. <i>Forest Ecology and Management</i> , 2017 , 399, 235-246	3.9	22
278	Biodiversity in species, traits, and structure determines carbon stocks and uptake in tropical forests. <i>Biotropica</i> , 2017 , 49, 593-603	2.3	32
277	Forest fragmentation reduced carbon storage in a moist tropical forest in Bangladesh: Implications for policy development. 2017 , 65, 15-25		16
276	Area-wide evapotranspiration monitoring at the crown level of a tropical mountain rain forest. <i>Remote Sensing of Environment</i> , 2017 , 194, 219-229	13.2	9
275	Large-scale carbon stock assessment of woody vegetation in tropical dry deciduous forest of Sathanur reserve forest, Eastern Ghats, India. 2017 , 189, 187		24
274	GlobalTreeSearch: The first complete global database of tree species and country distributions. <i>Journal of Sustainable Forestry</i> , 2017 , 36, 454-489	1.2	129
273	The integration of empirical, remote sensing and modelling approaches enhances insight in the role of biodiversity in climate change mitigation by tropical forests. 2017 , 26-27, 69-76		9
272	Drivers of biomass stocks in Northwestern South American forests: Contributing new information on the Neotropics. <i>Forest Ecology and Management</i> , 2017 , 389, 86-95	3.9	7
271	Mammal diversity influences the carbon cycle through trophic interactions in the Amazon. 2017 , 1, 1670-1676		43
270	Availability and species diversity of forest products in a Neotropical rainforest landscape. <i>Forest Ecology and Management</i> , 2017 , 406, 242-250	3.9	6
269	Spatial heterogeneity of biomass and forest structure of the Amazon rain forest: Linking remote sensing, forest modelling and field inventory. <i>Global Ecology and Biogeography</i> , 2017 , 26, 1292-1302	6.1	39
268	Using digital soil maps to infer edaphic affinities of plant species in Amazonia: Problems and prospects. 2017 , 7, 8463-8477		24
267	Biodiversity effects in the wild are common and as strong as key drivers of productivity. 2017 , 549, 261-264		304
266	The forest strata-dependent relationship between biodiversity and aboveground biomass within a subtropical forest. <i>Forest Ecology and Management</i> , 2017 , 401, 125-134	3.9	41
265	An individual-based forest model to jointly simulate carbon and tree diversity in Amazonia: description and applications. 2017 , 87, 632-664		29

264	Functional identity of overstorey tree height and understorey conservative traits drive aboveground biomass in a subtropical forest. <i>Ecological Indicators</i> , 2017 , 83, 158-168	5.8	30
263	Biodiversity and climate determine the functioning of Neotropical forests. <i>Global Ecology and Biogeography</i> , 2017 , 26, 1423-1434	6.1	110
262	Nationally Representative Plot Network Reveals Contrasting Drivers of Net Biomass Change in Secondary and Old-Growth Forests. 2017 , 20, 944-959		20
261	Demographic Drivers of Aboveground Biomass Dynamics During Secondary Succession in Neotropical Dry and Wet Forests. 2017 , 20, 340-353		34
260	Individual tree size inequality enhances aboveground biomass in homegarden agroforestry systems in the dry zone of Sri Lanka. 2017 , 575, 6-11		25
259	Tree diversity promotes generalist herbivore community patterns in a young subtropical forest experiment. 2017 , 183, 455-467		18
258	Biodiversity Monitoring in Changing Tropical Forests: A Review of Approaches and New Opportunities. 2017 , 9, 1059		19
257	Exploring the Relationship between Macrofaunal Biodiversity and Ecosystem Functioning in the Deep Sea. 2017 , 4,		13
256	Height-diameter allometry and above ground biomass in tropical montane forests: Insights from the Albertine Rift in Africa. <i>PLoS ONE</i> , 2017 , 12, e0179653	3.7	23
255	Análise Fitossociológica e Valor de Importância em Carbono para uma Floresta Estacional Semidecidual. <i>Floresta E Ambiente</i> , 2017 , 24,	1	1
254	Disturbance Regimes Drive The Diversity of Regional Floristic Pools Across Guianan Rainforest Landscapes. <i>Scientific Reports</i> , 2018 , 8, 3872	4.9	18
253	Forest diversity plays a key role in determining the stand carbon stocks of Mexican forests. <i>Forest Ecology and Management</i> , 2018 , 415-416, 160-171	3.9	23
252	Topography shapes the structure, composition and function of tropical forest landscapes. 2018 , 21, 989-1000		108
251	Assessing the role of megafauna in tropical forest ecosystems and biogeochemical cycles âthe potential of vegetation models. <i>Ecography</i> , 2018 , 41, 1934-1954	6.5	19
250	Drivers and mechanisms of tree mortality in moist tropical forests. <i>New Phytologist</i> , 2018 , 219, 851-869	9.8	209
249	Determinants and correlates of above-ground biomass in a secondary hillside rainforest in Central Vietnam. 2018 , 49, 429-455		7
248	Wild native trees in tropical homegardens of Southeast Mexico: Fostered by fragmentation, mediated by management. 2018 , 254, 149-161		3
247	Functional diversity mediates contrasting direct and indirect effects of fragmentation on below- and above-ground carbon stocks of coastal dune forests. <i>Forest Ecology and Management</i> , 2018 , 407, 174-183	3.9	14

246	Drought can favour the growth of small in relation to tall trees in mature stands of Norway spruce and European beech. 2018 , 5,		39
245	Reconciling biodiversity and carbon stock conservation in an Afrotropical forest landscape. 2018 , 4, eaar6603		22
244	Dynamics of forest biomass carbon stocks from 1949 to 2008 in Henan Province, east-central China. 2018 , 29, 439-448		12
243	Aboveground Carbon Storage and Its Links to Stand Structure, Tree Diversity and Floristic Composition in South-Eastern Tanzania. 2018 , 21, 740-754		18
242	Distilling the role of ecosystem services in the Sustainable Development Goals. 2018 , 29, 70-82		185
241	Variation of main terrestrial carbon stocks at the landscape-scale are shaped by soil in a tropical rainforest. 2018 , 313, 57-68		12
240	The mediation roles of intraspecific and interspecific functional trait diversity for linking the response of aboveground biomass to species richness across forest strata in a subtropical forest. <i>Ecological Indicators</i> , 2018 , 85, 493-501	5.8	8
239	Soil fertility and species traits, but not diversity, drive productivity and biomass stocks in a Guyanese tropical rainforest. 2018 , 32, 461-474		57
238	Above-ground biomass is driven by mass-ratio effects and stand structural attributes in a temperate deciduous forest. <i>Journal of Ecology</i> , 2018 , 106, 561-570	6	68
237	Pan-tropical prediction of forest structure from the largest trees. <i>Global Ecology and Biogeography</i> , 2018 , 27, 1366-1383	6.1	52
236	Dehiscence method: a seed-saving, quick and simple viability assessment in rice. 2018 , 14, 68		5
235	Agrometeorological conditions associated with phenological responses of tucumã-do-pará (Astrocaryum vulgare Mart.). 2018 , 42, 127-137		2
234	Primary productivity is related to niche width in the Australian Wet Tropics. <i>Global Ecology and Biogeography</i> , 2018 , 27, 1300-1313	6.1	
233	Carbon sink despite large deforestation in African tropical dry forests (miombo woodlands). <i>Environmental Research Letters</i> , 2018 , 13, 094017	6.2	14
232	Forest strata-dependent functional evenness explains whole-community aboveground biomass through opposing mechanisms. <i>Forest Ecology and Management</i> , 2018 , 424, 439-447	3.9	19
231	Aboveground carbon storage is driven by functional trait composition and stand structural attributes rather than biodiversity in temperate mixed forests recovering from disturbances. 2018 , 75, 1		43
230	Increasing temperature sensitivity caused by climate warming, evidence from Northeastern China. 2018 , 51, 101-111		16
229	Loss of biodiversity and shifts in aboveground biomass drivers in tropical rainforests with different disturbance histories. 2018 , 27, 3215-3231		18

228	Allocation of Storage Yards in Management Plans in the Amazon by Means of Mathematical Programming. <i>Forests</i> , 2018 , 9, 127	2.8	5
227	Carbon-focused conservation may fail to protect the most biodiverse tropical forests. 2018 , 8, 744-749		64
226	Tree species richness increases ecosystem carbon storage in subtropical forests. 2018 , 285,		84
225	Soil quality assessment across different stands in tropical moist deciduous forests of Nagaland, India. 2019 , 30, 1479-1485		10
224	Shifting species and functional diversity due to abrupt changes in water availability in tropical dry forests. <i>Journal of Ecology</i> , 2019 , 107, 253-264	6	8
223	How do soil and fire control aboveground biomass in natural forest patches?. <i>Forest Ecology and Management</i> , 2019 , 451, 117518	3.9	2
222	Predominance of abiotic drivers in the relationship between species diversity and litterfall production in a tropical karst seasonal rainforest. <i>Forest Ecology and Management</i> , 2019 , 449, 117452	3.9	7
221	The biophysics, ecology, and biogeochemistry of functionally diverse, vertically and horizontally heterogeneous ecosystems: the Ecosystem Demography model, version 2.2 âPart 1: Model description. 2019 , 12, 4309-4346		33
220	Evolutionary diversity is associated with wood productivity in Amazonian forests. 2019 , 3, 1754-1761		17
219	Exploring the diversity and conservation status of tree species with TreeX. 2019 , 78, 1		
218	Drivers of subtropical forest dynamics: The role of functional traits, forest structure and soil variables. 2019 , 30, 1164-1174		6
217	Landscape patterns of primary production reveal agricultural benefits from forest conservation. 2019 , 17, 136-145		3
216	Vegetation optical depth at L-band and above ground biomass in the tropical range: Evaluating their relationships at continental and regional scales. 2019 , 77, 151-161		13
215	Tree species diversity promotes litterfall productivity through crown complementarity in subtropical forests. <i>Journal of Ecology</i> , 2019 , 107, 1852-1861	6	20
214	Biodiversity-ecosystem functioning relationships of overstorey versus understorey trees in an old-growth temperate forest. 2019 , 76, 1		5
213	Big-sized trees overrule remaining trees' attributes and species richness as determinants of aboveground biomass in tropical forests. 2019 , 25, 2810-2824		49
212	Effects of stand age, richness and density on productivity in subtropical forests in China. <i>Journal of Ecology</i> , 2019 , 107, 2266-2277	6	52
211	Trends in tree growth and intrinsic water-use efficiency in the tropics under elevated CO ₂ and climate change. 2019 , 33, 623-640		21

210	A Multifactorial Approach to Value Supporting Ecosystem Services in Spanish Forests and Its Implications in a Warming World. <i>Sustainability</i> , 2019 , 11, 358	3.6	4
209	Drier tropical forests are susceptible to functional changes in response to a long-term drought. 2019 , 22, 855-865		39
208	Biodiversity recovery of Neotropical secondary forests. 2019 , 5, eaau3114		161
207	Fine-scale topography shape richness, community composition, stem and biomass hyperdominant species in Brazilian Atlantic forest. <i>Ecological Indicators</i> , 2019 , 102, 208-217	5.8	22
206	Making the most of scarce data: Mapping soil gradients in data-poor areas using species occurrence records. 2019 , 10, 788-801		10
205	Global effects of non-native tree species on multiple ecosystem services. 2019 , 94, 1477-1501		76
204	Individual-Based Modeling of Amazon Forests Suggests That Climate Controls Productivity While Traits Control Demography. 2019 , 7,		12
203	Species-rich boreal forests grew more and suffered less mortality than species-poor forests under the environmental change of the past half-century. 2019 , 22, 999-1008		25
202	Roads as drivers of above-ground biomass loss at tropical forest edges in Xishuangbanna, Southwest China. <i>Land Degradation and Development</i> , 2019 , 30, 1325-1335	4.4	3
201	Large-sized rare tree species contribute disproportionately to functional diversity in resource acquisition in African tropical forest. 2019 , 9, 4349-4361		7
200	Biodiversity and ecosystem functioning in naturally assembled communities. 2019 , 94, 1220-1245		119
199	Elucidating space, climate, edaphic, and biodiversity effects on aboveground biomass in tropical forests. <i>Land Degradation and Development</i> , 2019 , 30, 918-927	4.4	12
198	Effects of Wood Density on Aquatic Insect Communities in a Cuban Montane Rainforest Stream. 2019 , 48, 527-537		0
197	Forest carbon stocks in woody plants of Chilimo-Gaji Forest, Ethiopia: Implications of managing forests for climate change mitigation. 2019 , 127, 213-219		6
196	Potential feedbacks between loss of biosphere integrity and climate change. 2019 , 2,		6
195	Global humid tropics forest structural condition and forest structural integrity maps. 2019 , 6, 232		14
194	Tree diversity, biomass and carbon storage in sacred groves of Central India. 2019 , 26, 37212-37227		9
193	Drivers of tree carbon storage in subtropical forests. 2019 , 654, 684-693		32

192	Forest stand structure and functioning: Current knowledge and future challenges. <i>Ecological Indicators</i> , 2019 , 98, 665-677	5.8	50
191	Multiple drivers of aboveground biomass in a human-modified landscape of the Caatinga dry forest. <i>Forest Ecology and Management</i> , 2019 , 435, 57-65	3.9	16
190	Multiple abiotic and biotic drivers of aboveground biomass shift with forest stratum. <i>Forest Ecology and Management</i> , 2019 , 436, 1-10	3.9	26
189	Parameterization of biodiversity-productivity relationship and its scale dependency using georeferenced tree-level data. <i>Journal of Ecology</i> , 2019 , 107, 1106-1119	6	18
188	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	3.9	49
187	Soil nutrient availability regulated global carbon use efficiency. 2019 , 173, 47-52		16
186	Modelling carbon stock and carbon sequestration ecosystem services for policy design: a comprehensive approach using a dynamic vegetation model. 2019 , 15, 42-60		8
185	Seasonally flooded, and terra firme in northern Congo: Insights on their structure, diversity and biomass. 2019 , 57, 92-103		3
184	Biomass, carbon density and diversity of tree species in tropical dry deciduous forests in Central India. 2019 , 39, 289-299		18
183	Woody species diversity and carbon stock under different land use types at Gergera watershed in eastern Tigray, Ethiopia. 2019 , 93, 1191-1203		3
182	Soil quality and its relationship with weeds in urban homegardens of Alta Floresta, Southern Amazonia. 2019 , 93, 1223-1234		1
181	Wood density is a sustainability indicator for the management of dry zone homegarden agroforests: Evidences from biodiversity-ecosystem function relationships. <i>Ecological Indicators</i> , 2019 , 105, 474-482	5.8	4
180	Structure and above ground biomass along an elevation small-scale gradient: case study in an Evergreen Andean Amazon forest, Ecuador. 2020 , 94, 1235-1245		4
179	The importance of soils in predicting the future of plant habitat suitability in a tropical forest. <i>Plant and Soil</i> , 2020 , 450, 151-170	4.2	19
178	Spatial scaling of species richness-productivity relationships for local communities: analytical results from a neutral model. 2020 , 13, 93-103		2
177	Quantification and Understanding of Above and Belowground Biomass in Medium Saline Zone of the Sundarbans, Bangladesh: The Relationships with Forest Attributes. <i>Journal of Sustainable Forestry</i> , 2020 , 39, 331-345	1.2	7
176	Fine-scale habitat differentiation shapes the composition, structure and aboveground biomass but not species richness of a tropical Atlantic forest. 2020 , 31, 1599-1611		9
175	Functional traits that moderate tropical tree recruitment during post-windstorm secondary succession. <i>Journal of Ecology</i> , 2020 , 108, 1322-1333	6	7

174	Soil nutrients, forest structure and species traits drive aboveground carbon dynamics in an old-growth temperate forest. 2020 , 705, 135874		5
173	Assessing the growth and climate sensitivity of secondary forests in highly deforested Amazonian landscapes. 2020 , 101, e02954		28
172	Partitioning main carbon pools in a semi-deciduous rainforest in eastern Cameroon. <i>Forest Ecology and Management</i> , 2020 , 457, 117686	3.9	3
171	Stand Structural Diversity and Species with Leaf Nitrogen Conservation Drive Aboveground Carbon Storage in Tropical Old-Growth Forests. <i>Forests</i> , 2020 , 11, 994	2.8	2
170	Towards improving the assessment of rainforest carbon: Complementary evidence from repeated diameter measurements and dated wood. 2020 , 62, 125723		0
169	Multivariate relationships between litter productivity and its drivers in a tropical karst seasonal rainforest. 2020 , 273, 151728		1
168	Can small-scale altitudinal gradients predict spatial and temporal patterns in tropical forests?. 2020 , 32, 1855		0
167	A policy-driven framework for conserving the best of Earth's remaining moist tropical forests. 2020 , 4, 1377-1384		21
166	Ecosystem-level carbon storage and its links to diversity, structural and environmental drivers in tropical forests of Western Ghats, India. <i>Scientific Reports</i> , 2020 , 10, 13444	4.9	11
165	Climate more important than soils for predicting forest biomass at the continental scale. <i>Ecography</i> , 2020 , 43, 1692-1705	6.5	15
164	Changes in Community Composition of Tropical Evergreen Forests during Succession in Ta Dung National Park, Central Highlands of Vietnam. <i>Forests</i> , 2020 , 11, 1358	2.8	0
163	Structural complexity and large-sized trees explain shifting species richness and carbon relationship across vegetation types. 2020 , 34, 1731-1745		18
162	Above-ground biomass and vegetation attributes in the forest-savannah mosaic of Togo, West Africa. 2020 , 58, 733-745		4
161	An analysis of forest biomass sampling strategies across scales. 2020 , 17, 1673-1683		6
160	Linkage between plant species diversity and soil-based functions along a post-agricultural succession is influenced by the vegetative forms. 2020 , 192, 429		4
159	Critical role and collapse of tropical mega-trees: A key global resource. 2020 , 62, 253-294		10
158	Climatic and edaphic controls over tropical forest diversity and vegetation carbon storage. <i>Scientific Reports</i> , 2020 , 10, 5066	4.9	21
157	Carbon stock and woody species diversity patterns in church forests along church age gradient in Addis Ababa, Ethiopia. 2020 , 23, 971-983		3

156 Role of Forests in Mitigating Global Warming. **2020**, 280-302

155	Assessing biotic and abiotic effects on forest productivity in three temperate forests. 2020 , 10, 7887-7900		5
154	Tree species diversity and biomass carbon assessment in undisturbed and disturbed tropical forests of Dibru-Saikhowa biosphere reserve in Assam North-East India. 2020 , 33, 516-537		1
153	Long-term droughts may drive drier tropical forests towards increased functional, taxonomic and phylogenetic homogeneity. 2020 , 11, 3346		28
152	Conservation set-asides improve carbon storage and support associated plant diversity in certified sustainable oil palm plantations. 2020 , 248, 108631		5
151	Forest strata-dependent effects of vegetation attributes and soil nutrients on decadal changes in aboveground net carbon stock in two temperate forests. 2020 , 194, 104776		4
150	Above-ground biomass recovery following logging and thinning over 46 years in an Australian tropical forest. 2020 , 734, 139098		4
149	The effects of soil phosphorus on aboveground biomass are mediated by functional diversity in a tropical cloud forest. <i>Plant and Soil</i> , 2020 , 449, 51-63	4.2	6
148	Above- and below-ground biodiversity jointly regulate temperate forest multifunctionality along a local-scale environmental gradient. <i>Journal of Ecology</i> , 2020 , 108, 2012-2024	6	29
147	Structural diversity underpins carbon storage in Australian temperate forests. <i>Global Ecology and Biogeography</i> , 2020 , 29, 789-802	6.1	20
146	Investigating above-ground biomass in old-growth and secondary montane forests of the Cameroon Highlands. 2020 , 58, 503-513		3
145	Use of vegetation change tracker, spatial analysis, and random forest regression to assess the evolution of plantation stand age in Southeast China. 2020 , 77, 1		8
144	Environmental filtering, predominance of strong competitor trees and exclusion of moderate-weak competitor trees shape species richness and biomass. 2020 , 723, 138105		5
143	Increasing fragmentation of forest cover in Brazil's Legal Amazon from 2001 to 2017. <i>Scientific Reports</i> , 2020 , 10, 5803	4.9	21
142	Shedding light on relationships between plant diversity and tropical forest ecosystem services across spatial scales and plot sizes. 2020 , 43, 101107		8
141	Biodiversity and carbon sequestration potential in two types of tropical rainforest, Cameroon. 2020 , 105, 103562		2
140	Gendered Species Preferences Link Tree Diversity and Carbon Stocks in Cacao Agroforest in Southeast Sulawesi, Indonesia. 2020 , 9, 108		18
139	Estimation of carbon pools in secondary tropical deciduous forests of Odisha, India. 2021 , 32, 663-673		3

138	Recovery of aboveground biomass, species richness and composition in tropical secondary forests in SW Costa Rica. <i>Forest Ecology and Management</i> , 2021 , 479, 118580	3.9	6
137	Reduced tree density and basal area in Andean forests are associated with bamboo dominance. <i>Forest Ecology and Management</i> , 2021 , 480, 118648	3.9	3
136	Negative trait-based association between abundance of nitrogen-fixing trees and long-term tropical forest biomass accumulation. <i>Journal of Ecology</i> , 2021 , 109, 966-974	6	0
135	Exploring relationships between abundance of non-timber forest product species and tropical forest plant diversity. <i>Ecological Indicators</i> , 2021 , 121, 107202	5.8	3
134	Mixing effects on Scots pine (<i>Pinus sylvestris</i> L.) and Norway spruce (<i>Picea abies</i> (L.) Karst.) productivity along a climatic gradient across Europe. <i>Forest Ecology and Management</i> , 2021 , 482, 118834	3.9	8
133	Scale-dependent changes in the contributions of biotic and abiotic factors to leaf area index in a natural forest in northeast China. <i>Forest Ecology and Management</i> , 2021 , 479, 118540	3.9	2
132	Ecosystem functioning and stability are mainly driven by stand structural attributes and biodiversity, respectively, in a tropical forest in Southwestern China. <i>Forest Ecology and Management</i> , 2021 , 481, 118696	3.9	1
131	Biomass Functions and Carbon Content Variabilities of Natural and Planted in Northeast China. 2021 , 10,		1
130	The impact of traditional land use management on soil quality in Northeastern Himalayas (India). 2021 , 94, 91-109		0
129	Determinants of aboveground biomass in forests across three climatic zones in China. <i>Forest Ecology and Management</i> , 2021 , 482, 118805	3.9	2
128	Low forest productivity associated with increasing drought-tolerant species is compensated by an increase in drought-tolerance richness. 2021 , 27, 2113-2127		7
127	Mangrove diversity enhances plant biomass production and carbon storage in Hainan island, China. 2021 , 35, 774-786		9
126	Habitat Quality Differentiation and Consequences for Ecosystem Service Provision of an Amazonian Hyperdominant Tree Species. <i>Frontiers in Plant Science</i> , 2021 , 12, 621064	6.2	1
125	Changes in tree size, not species diversity, underlie the low above-ground biomass in natural forest edges. 2021 , 32, e13003		0
124	Impact of disturbance on community structure, biomass and carbon stock in montane evergreen forests of Meghalaya, northeast India. 2021 , 12, 215-233		2
123	Minimum temperature drives community leaf trait variation in secondary montane forests along a 3000-m elevation gradient in the tropical Andes. <i>Plant Ecology and Diversity</i> ,	2.2	0
122	Environmental, structural and taxonomic diversity factors drive aboveground carbon stocks in a semi-deciduous tropical rainforest strata in Cameroon.		1
121	Carbon stocks of homestead forests have a mitigation potential to climate change in Bangladesh. <i>Scientific Reports</i> , 2021 , 11, 9254	4.9	2

120	Direct effects of selection on aboveground biomass contrast with indirect structure-mediated effects of complementarity in a subtropical forest. 2021 , 196, 249-261		2
119	Stand structure determines aboveground biomass across temperate forest types and species mixture along a local-scale elevational gradient. <i>Forest Ecology and Management</i> , 2021 , 486, 118984	3.9	8
118	Stand density of co-existing species regulates above-ground biomass along a local-scale elevational gradient in tropical forests. 2021 , 24, e12577		3
117	Effects of tree species diversity and stand structure on carbon stocks of homestead forests in Maheshkhali Island, Southern Bangladesh. 2021 , 16, 11		2
116	Land-Use System and Forest Floor Explain Prokaryotic Metacommunity Structuring and Spatial Turnover in Amazonian Forest-to-Pasture Conversion Areas. 2021 , 12, 657508		0
115	Amazon tree dominance across forest strata. 2021 , 5, 757-767		5
114	Seeing the wood for the trees: Carbon storage and conservation in temperate forests of the Himalayas. <i>Forest Ecology and Management</i> , 2021 , 487, 119010	3.9	5
113	Evaluating nature-based solutions for climate mitigation and conservation requires comprehensive carbon accounting. 2021 , 769, 144341		40
112	Climatology of Air Temperature in Belterra: Thermal Regulation Ecosystem Services Provided by the Tapaj� National Forest in the Amazon. 2021 , 36, 327-337		
111	Biodiversity, environmental context and structural attributes as drivers of aboveground biomass in shrublands at the middle and lower reaches of the Yellow River basin. 2021 , 774, 145198		3
110	Climate and large-sized trees, but not diversity, drive above-ground biomass in subtropical forests. <i>Forest Ecology and Management</i> , 2021 , 490, 119126	3.9	9
109	Co-benefits of protecting mangroves for biodiversity conservation and carbon storage. 2021 , 12, 3875		6
108	Tree species' diversity predicts aboveground carbon storage through functional diversity and functional dominance in the dry evergreen Afromontane forest of Hararghe highland, Southeast Ethiopia. <i>Ecological Processes</i> , 2021 , 10,	3.6	2
107	Forest carbon stocks under three canopy densities in Sitapahar natural forest reserve in Chittagong Hill Tracts of Bangladesh. <i>Forest Ecology and Management</i> , 2021 , 492, 119217	3.9	3
106	The Driving Factors of Subtropical Mature Forest Productivity: Stand Structure Matters. <i>Forests</i> , 2021 , 12, 998	2.8	
105	Structural diversity consistently mediates species richness effects on aboveground carbon along altitudinal gradients in northern Ethiopian grazing exclosures. 2021 , 776, 145838		2
104	Carbon Stocks, Species Diversity and Their Spatial Relationships in the Yucat� Peninsula, Mexico. 2021 , 13, 3179		0
103	Structural diversity and tree density drives variation in the biodiversity-ecosystem function relationship of woodlands and savannas. <i>New Phytologist</i> , 2021 , 232, 579-594	9.8	1

102	Influence of climate and forest attributes on aboveground carbon storage in Burkina Faso, West Africa. 2021 , 4, 100123		0
101	Tree species richness differentially affects the chemical composition of leaves, roots and root exudates in four subtropical tree species. <i>Journal of Ecology</i> ,	6	1
100	Tree-size dimension inequality shapes aboveground carbon stock across temperate forest strata along environmental gradients. <i>Forest Ecology and Management</i> , 2021 , 496, 119482	3.9	5
99	Above-ground biomass storage potential in primary rain forests managed for timber production in Costa Rica. <i>Forest Ecology and Management</i> , 2021 , 497, 119462	3.9	0
98	Species-specific biomass and carbon flux in Sundarbans mangrove forest, Bangladesh: Response to stand and weather variables. <i>Biomass and Bioenergy</i> , 2021 , 153, 106215	5.3	2
97	Monitoring restored tropical forest diversity and structure through UAV-borne hyperspectral and lidar fusion. <i>Remote Sensing of Environment</i> , 2021 , 264, 112582	13.2	11
96	The interaction of land-use history and tree species diversity in driving variation in the aboveground biomass of urban versus non-urban tropical forests. <i>Ecological Indicators</i> , 2021 , 129, 107915	5.8	2
95	Species diversity and stand structural diversity of woody plants predominantly determine aboveground carbon stock of a dry Afromontane forest in Northern Ethiopia. <i>Forest Ecology and Management</i> , 2021 , 500, 119634	3.9	4
94	Response of community diversity and productivity to canopy gap disturbance in subtropical forests. <i>Forest Ecology and Management</i> , 2021 , 502, 119740	3.9	2
93	Forest Ecosystem Services and Biodiversity. <i>Environmental Science and Engineering</i> , 2021 , 529-552	0.2	2
92	Big-trees ãEnergy mechanism underlies forest diversity and aboveground biomass. <i>Forest Ecology and Management</i> , 2020 , 461, 117968	3.9	9
91	Plot diversity differentially affects the chemical composition of leaves, roots and root exudates in four subtropical tree species.		0
90	Tree Diversity Enhances Stand Carbon Storage but Not Leaf Area in a Subtropical Forest. <i>PLoS ONE</i> , 2016 , 11, e0167771	3.7	21
89	Persistence of <i>Coffea arabica</i> and its relationship with the structure, species diversity and composition of a secondary forest in Brazil. <i>PLoS ONE</i> , 2018 , 13, e0194032	3.7	6
88	What Role Does Elevational Variation Play in Determining the Stock and Composition of Litter?. <i>Floresta E Ambiente</i> , 2020 , 27,	1	2
87	Fir (<i>Abies</i> spp.) stand biomass additive model for Eurasia sensitive to winter temperature and annual precipitation. <i>Central European Forestry Journal</i> , 2019 , 65, 166-179	1.3	5
86	A Combination of Biotic and Abiotic Factors and Diversity Determine Productivity in Natural Deciduous Forests. <i>Forests</i> , 2021 , 12, 1450	2.8	4
85	Groundwater and root trait diversity jointly drive plant fine root biomass across arid inland river basin. <i>Plant and Soil</i> , 2021 , 469, 369	4.2	0

84	Soil recovery of alluvial gold mine spoils in the Peruvian Amazon using <i>Stylosanthes guianensis</i> , a promising cover crop. <i>Land Degradation and Development</i> ,	4.4	0
83	Tree biomass and carbon stock assessment of subtropical and temperate forests in the Central Himalaya, India. <i>Trees, Forests and People</i> , 2021 , 6, 100147	1.8	1
82	Balanço de carbono em cidades da Amazônia: estudo de caso em Belém, Brasil. <i>Urbe</i> , 11,	0.9	0
81	Plant Diversity and Distribution Pattern in Tropical Dry Deciduous Forest of Eastern Ghats, India. <i>Environmental Science and Engineering</i> , 2020 , 171-216	0.2	
80	Quantifying Tree Diversity, Carbon Stocks, and Sequestration Potential for Diverse Land Uses in Northeast India. <i>Frontiers in Environmental Science</i> , 2021 , 9,	4.8	4
79	Land-use and forest floor explain prokaryotic metacommunity structuring and spatial turnover in Amazonian forest-to-pasture conversion areas.		
78	Can Animal Biodiversity Help the Climate?. <i>Frontiers for Young Minds</i> , 8,	1.5	
77	On opportunities and challenges to conserve the African baobab under present and future climates in Benin (West Africa). <i>Journal of Arid Environments</i> , 2022 , 198, 104692	2.5	1
76	Opposing Ecological Strategies Together Promote Biomass Carbon Storage in Homegardens Agroforestry of Southern Bangladesh. <i>Forests</i> , 2021 , 12, 1669	2.8	0
75	Functional identity regulates aboveground biomass better than trait diversity along abiotic conditions in global forest metacommunities. <i>Ecography</i> ,	6.5	3
74	Forest Resources Depletion: An Ecological Model for Biodiversity Preservation and Conservation in Cote D'Ivoire. <i>Open Journal of Ecology</i> , 2021 , 11, 870-890	0.5	1
73	Limited integration of biodiversity within climate policy: Evidence from the Alliance of Small Island States. <i>Environmental Science and Policy</i> , 2022 , 128, 216-227	6.2	0
72	Unprecedented large-area turnover estimates for the subtropical Brazilian Atlantic Forest based on systematically-gathered data. <i>Forest Ecology and Management</i> , 2022 , 505, 119902	3.9	1
71	How are biodiversity and carbon stock recovered during tropical forest restoration? Supporting the ecological paradigms and political context involved. <i>Journal for Nature Conservation</i> , 2022 , 65, 126115	2.3	0
70	Passive restoration considerably improved the community structure, soil health and carbon stock in the Pine forests of Kashmir Himalaya, India. <i>Ecological Engineering</i> , 2022 , 176, 106535	3.9	0
69	Spatial distribution of above ground carbon density in Harana Forest, Ethiopia. <i>Ecological Processes</i> , 2022 , 11,	3.6	0
68	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	6.2	5
67	Driving mechanisms of climate-plant-soil patterns on the structure and function of different grasslands along environmental gradients in Tibetan and Inner Mongolian Plateaus in China. <i>Journal of Cleaner Production</i> , 2022 , 339, 130696	10.3	0

66	Distribution of biomass dynamics in relation to tree size in forests across the world.. <i>New Phytologist</i> , 2022 ,	9.8	2
65	Land Use, Land Cover Change and Sustainable Intensification of Agriculture and Livestock in the Amazon and the Atlantic Forest in Brazil. <i>Sustainability</i> , 2022 , 14, 2563	3.6	0
64	Diversity and Phytosociology of Natural Regeneration in a Sub-tropical Forest of Chittagong Hill Tracts, Bangladesh: Implications for Conservation. <i>Journal of Sustainable Forestry</i> , 1-14	1.2	0
63	Effects of temperature and precipitation on litterfall phenology in four evergreen broad-leaved forests of southern China. <i>Biotropica</i> ,	2.3	1
62	The use of GEDI canopy structure for explaining variation in tree species richness in natural forests. <i>Environmental Research Letters</i> , 2022 , 17, 045003	6.2	2
61	Topography, Diversity, and Forest Structure Attributes Drive Aboveground Carbon Storage in Different Forest Types in Northeast China. <i>Forests</i> , 2022 , 13, 455	2.8	2
60	Species Diversity Regulates Ecological Strategy Spectra of Forest Vegetation Across Different Climatic Zones.. <i>Frontiers in Plant Science</i> , 2022 , 13, 807369	6.2	0
59	Relationships between species richness and ecosystem services in Amazonian forests strongly influenced by biogeographical strata and forest types.. <i>Scientific Reports</i> , 2022 , 12, 5960	4.9	0
58	Aboveground Biomass Along an Elevation Gradient in an Evergreen Andean Amazonian Forest in Ecuador. <i>Frontiers in Forests and Global Change</i> , 2022 , 5,	3.7	
57	Impact of anthropogenic disturbance on tree species diversity, vegetation structure and carbon storage potential in an upland evergreen forest of Ghana, West Africa. <i>Trees, Forests and People</i> , 2022 , 8, 100238	1.8	1
56	Altitude and community traits explain rain forest stand dynamics over a 2370-m altitudinal gradient in Costa Rica. <i>Ecosphere</i> , 2021 , 12,	3.1	0
55	Carbon cycle in tropical upland ecosystems: a global review. <i>Web Ecology</i> , 2021 , 21, 109-136	1.7	
54	Fragmentation effects on beta diversity of fragmented and conserved landscapes: insights about homogenization and differentiation processes. <i>Acta Botanica Brasilica</i> , 36,	1	
53	Effects of tree mycorrhizal type on soil respiration and carbon stock via fine root biomass and litter dynamic in tropical plantations. <i>Journal of Plant Ecology</i> ,	1.7	
52	Data_Sheet_1.pdf. 2019 ,		
51	Geospatial Environmental Influence on Forest Carbon Sequestration Potential of Tropical Forest Growth in Hainan Island, China. <i>Frontiers in Environmental Science</i> , 2022 , 10,	4.8	0
50	Functional dominance is a better predictor than functional diversity of above-ground biomass in seasonally dry tropical forests. <i>Plant Ecology and Diversity</i> , 1-11	2.2	
49	Biodiversity mediates ecosystem sensitivity to climate variability. <i>Communications Biology</i> , 2022 , 5,	6.7	0

48	Species richness is a strong driver of forest biomass along broad bioclimatic gradients in the Himalayas. <i>Ecosphere</i> , 2022 , 13,	3.1	○
47	Tree Species Diversity and Stand Attributes Differently Influence the Ecosystem Functions of Pinus yunnanensis Secondary Forests under the Climate Context. <i>Sustainability</i> , 2022 , 14, 8332	3.6	
46	Climate and mycorrhizae mediate the relationship of tree species diversity and carbon stocks in subtropical forests. <i>Journal of Ecology</i> ,	6	○
45	Land Use Land/Cover Change Reduces Woody Plant Diversity and Carbon Stocks in a Lowland Coastal Forest Ecosystem, Tanzania. <i>Sustainability</i> , 2022 , 14, 8551	3.6	○
44	Stand structure, biomass and carbon stock along disturbance gradients in differently managed tropical forests of Assam, northeast India. <i>Trees, Forests and People</i> , 2022 , 9, 100296	1.8	○
43	Rates and drivers of aboveground carbon accumulation in global monoculture plantation forests. 2022 , 13,		1
42	Tree and shrub richness modify subtropical tree productivity by modulating the diversity and community composition of soil bacteria and archaea.		
41	Remote sensing-based forest modeling reveals positive effects of functional diversity on productivity at local spatial scale.		
40	Dryness weakens the positive effects of plant and fungal diversities on above- and belowground biomass.		○
39	Effects of Neighborhood Competition and Stand Structure on the Productivity of Pure and Mixed Larix principis-rupprechtii Forests. 2022 , 13, 1318		
38	Habitat amount is a driver for biodiversity, but not for the carbon stock in post-logging natural regenerating areas in Tropical Atlantic Forest. 2022 , 273, 109673		○
37	Crecimiento de Tornillo (<i>Cedrelinga catenaeformis</i>) y Marupa (<i>Simarouba amara</i>) dentro de un sistema agroforestal en multiestratos. 2022 , 1, e10		○
36	Tree Diversity, Structure and Functional Trait Identity Promote Stand Biomass Along Elevational Gradients in Subtropical Forests of Southern China. 2022 , 127,		○
35	Community instability in the microbial world. 2022 , 378, 29-30		○
34	Large plants enhance aboveground biomass in arid natural forest and plantation along differential abiotic and biotic conditions. 13,		○
33	Species Diversity Has a Positive Interrelationship with Aboveground Biomass and a Mismatch with Productivity in a Subtropical Broadleaf Forest on the Wuyi Mountains, China. 2022 , 14, 952		○
32	Quantification of Above-Ground Biomass over the Cross-River State, Nigeria, Using Sentinel-2 Data. 2022 , 14, 5741		○
31	Atmospheric temperature and humidity demonstrated strong correlation with productivity in tropical moist deciduous forests. 2023 , 195,		○

- 30 Constructing an indices system for evaluating the ecological integrity of forests in western Sichuan, China based on structural equation modeling. **2023**, 146, 109745 ○
- 29 Tree diversity increases soil C and N stocks of secondary forests in subtropical China. **2023**, 222, 106812 ○
- 28 Remote sensing analysis on primary productivity and forest cover dynamics: A Western Ghats India case study. **2023**, 73, 101922 ○
- 27 Managed Forests and Methane: Recent Research and Prospects for Best Management Practices. **2022**, ○
- 26 Better Forests, Better Cities. ○
- 25 Carbon of Chaillu forests based on a phytosociological analysis in Republic of Congo, more than meets the eye?. ○
- 24 Diversidad arbórea y carbono almacenado en selvas bajo manejo forestal comunitario en Yucatán, México. **2022**, 28, e2832449 ○
- 23 Climate and forest attributes influence above-ground biomass of deciduous broadleaf forests in China. ○
- 22 Carbon sequestration potential of different forest types in Pakistan and its role in regulating services for public health. 10, 1
- 21 Environmental, structural, and taxonomic diversity factors drive aboveground carbon stocks in semi-deciduous tropical rainforest strata in Cameroon. ○
- 20 The inverted forest: Aboveground and notably large belowground carbon stocks and their drivers in Brazilian savannas. **2023**, 867, 161320 ○
- 19 Interaction Effect of Stand Age and Diversity on Aboveground Wood Carbon Accumulation in Subtropical Mixed Forests of the Zhejiang Province (China). **2023**, 14, 262 ○
- 18 A systematic literature review on the forest health biomonitoring technique: A decade of practice, progress, and challenge. 11, ○
- 17 Biomass and carbon stocks of four vegetation types in the Llanos Orientales of Colombia (Mapiripán, Meta). **2023**, 12, 100380 ○
- 16 Giant panda-focused conservation has limited value in maintaining biodiversity and carbon sequestration. **2023**, 880, 163186 ○
- 15 Scale-dependent effects of species diversity on aboveground biomass and productivity in a subtropical broadleaved forest on Mt. Huangshan. **2023**, 13, ○
- 14 Forest ecosystem services at landscape level – Why forest transition matters?. **2023**, 534, 120782 ○
- 13 Age-Girth Stand Structure of Himalayan Fir and Growth-NDVI Relationship in the Treeline Transects of Western Himalaya: An Ecological Perspective. **2023**, 455-481 ○

- 12 The Amazon and Its Biodiversity: a Source of Unexplored Potential Natural Enemies for Biological Control (Predators and Parasitoids). **2023**, 52, 152-171 ○
- 11 Temporal changes in the dominance of tree functional traits, but no changes in species diversity during woody plant encroachment in a Brazilian savanna. **2023**, 34, ○
- 10 Drivers of tree demographic processes in forest fragments of the Brazilian Atlantic forest. **2023**, 534, 120893 ○
- 9 Mapping global marine biodiversity under sparse data conditions. ○
- 8 Co-benefits of biomass and biodiversity in a protected mountain forest of West Java, Indonesia. **2023**, 16, 62-69 ○
- 7 Higher functional diversity improves modeling of Amazon forest carbon storage. **2023**, 481, 110323 ○
- 6 Top Canopy Height and Stem Size Variation Enhance Aboveground Biomass across Spatial Scales in Seasonal Tropical Forests. **2023**, 12, 1343 ○
- 5 Carbon-Biodiversity relationships in a highly diverse subtropical forest. ○
- 4 A critical assessment of the biodiversity-productivity relationship in forests and implications for conservation. **2023**, 201, 887-900 ○
- 3 Pit volume, soil cover and Eucalyptus forestry residues determine plant growth in restoring areas after gravel mining in eastern Amazon, Brazil. ○
- 2 Agroforestry Matches the Evolving Climate Change Mitigation and Adaptation Agenda in Asia and Africa. **2023**, 21-52 ○
- 1 Increasing stand stature weakens the positive effects of tree richness and structural imbalance on aboveground biomass in temperate forests: The stand stature hypothesis. **2023**, 539, 121040 ○