

# Bruno Herault

## List of Publications by Year in Descending Order

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

162  
papers

7,185  
citations

43  
h-index

81  
g-index

175  
ext. papers

9,382  
ext. citations

6.4  
avg, IF

5.68  
L-index

#	Paper	IF	Citations
162	The number of tree species on Earth.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	6
161	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> , <b>2022</b> , 17, 014047	6.2	5
160	How wildfires increase sensitivity of Amazon forests to droughts. <i>Environmental Research Letters</i> , <b>2022</b> , 17, 044031	6.2	0
159	Wood Nutrient-Water-Density Linkages Are Influenced by Both Species and Environment.. <i>Frontiers in Plant Science</i> , <b>2022</b> , 13, 778403	6.2	
158	Multidimensional tropical forest recovery. <i>Science</i> , <b>2021</b> , 374, 1370-1376	33.3	23
157	Mapping global forest age from forest inventories, biomass and climate data. <i>Earth System Science Data</i> , <b>2021</b> , 13, 4881-4896	10.5	2
156	30 Years of postdisturbance recruitment in a Neotropical forest. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 14448-14458	10.5	0
155	Temperature and pH define the realised niche space of arbuscular mycorrhizal fungi. <i>New Phytologist</i> , <b>2021</b> , 231, 763-776	9.8	31
154	Topography shapes the local coexistence of tree species within species complexes of Neotropical forests. <i>Oecologia</i> , <b>2021</b> , 196, 389-398	2.9	3
153	sPlotOpen [An environmentally balanced, open-access, global dataset of vegetation plots. <i>Global Ecology and Biogeography</i> , <b>2021</b> , 30, 1740-1764	6.1	6
152	Root traits explain plant species distributions along climatic gradients yet challenge the nature of ecological trade-offs. <i>Nature Ecology and Evolution</i> , <b>2021</b> , 5, 1123-1134	12.3	11
151	High foliar K and P resorption efficiencies in old-growth tropical forests growing on nutrient-poor soils. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 8969-8982	2.8	4
150	The potential of secondary forests to restore biodiversity of the lost forests in semi-deciduous West Africa. <i>Biological Conservation</i> , <b>2021</b> , 259, 109154	6.2	0
149	Accurate Estimation of Commercial Volume in Tropical Forests. <i>Forest Science</i> , <b>2021</b> , 67, 14-21	1.4	1
148	Causes and consequences of <i>Cedrela odorata</i> invasion in West African semi-deciduous tropical forests. <i>Biological Invasions</i> , <b>2021</b> , 23, 537-552	2.7	4
147	Climate change alters the ability of neotropical forests to provide timber and sequester carbon. <i>Forest Ecology and Management</i> , <b>2021</b> , 492, 119166	3.9	4
146	Relevance of secondary tropical forest for landscape restoration. <i>Forest Ecology and Management</i> , <b>2021</b> , 493, 119265	3.9	5

145	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. <i>Biological Conservation</i> , <b>2021</b> , 260, 108849	6.2	15
144	Topography drives microgeographic adaptations of closely related species in two tropical tree species complexes. <i>Molecular Ecology</i> , <b>2021</b> , 30, 5080-5093	5.7	2
143	Taking advantage of natural regeneration potential in secondary forests to recover commercial tree resources in Côte d'Ivoire. <i>Forest Ecology and Management</i> , <b>2021</b> , 493, 119240	3.9	1
142	Disturbed habitats locally reduce the signal of deep evolutionary history in functional traits of plants. <i>New Phytologist</i> , <b>2021</b> , 232, 1849-1862	9.8	1
141	Prospective carbon balance of the wood sector in a tropical forest territory using a temporally-explicit model. <i>Forest Ecology and Management</i> , <b>2021</b> , 497, 119532	3.9	1
140	Monitoring canopy bird activity in disturbed landscapes with automatic recorders: A case study in the tropics. <i>Biological Conservation</i> , <b>2020</b> , 245, 108574	6.2	11
139	Long-term thermal sensitivity of Earth's tropical forests. <i>Science</i> , <b>2020</b> , 368, 869-874	33.3	92
138	Topography consistently drives intra- and inter-specific leaf trait variation within tree species complexes in a Neotropical forest. <i>Oikos</i> , <b>2020</b> , 129, 1521-1530	4	13
137	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , <b>2020</b> , 29, 1495-1514	6.1	21
136	Diverging taxonomic and functional trajectories following disturbance in a Neotropical forest. <i>Science of the Total Environment</i> , <b>2020</b> , 720, 137397	10.2	4
135	Soil properties explain tree growth and mortality, but not biomass, across phosphorus-depleted tropical forests. <i>Scientific Reports</i> , <b>2020</b> , 10, 2302	4.9	35
134	The long-term performance of 35 tree species of sudanian West Africa in pure and mixed plantings. <i>Forest Ecology and Management</i> , <b>2020</b> , 468, 118171	3.9	9
133	Emerging threats linking tropical deforestation and the COVID-19 pandemic. <i>Perspectives in Ecology and Conservation</i> , <b>2020</b> , 18, 243-246	3.5	24
132	Recent deforestation drove the spike in Amazonian fires. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 121003	10.3	26
131	Functional diversity improves tropical forest resilience: Insights from a long-term virtual experiment. <i>Journal of Ecology</i> , <b>2020</b> , 108, 831-843	6	12
130	Slow rate of secondary forest carbon accumulation in the Guianas compared with the rest of the Neotropics. <i>Ecological Applications</i> , <b>2020</b> , 30, e02004	4.9	10
129	TRY plant trait database - enhanced coverage and open access. <i>Global Change Biology</i> , <b>2020</b> , 26, 119-188	11.4	399
128	A simulation method to infer tree allometry and forest structure from airborne laser scanning and forest inventories. <i>Remote Sensing of Environment</i> , <b>2020</b> , 251, 112056	13.2	10

127	Interannual and Seasonal Variations in Ecosystem Transpiration and Water Use Efficiency in a Tropical Rainforest. <i>Forests</i> , <b>2019</b> , 10, 14	2.8	46
126	Can timber provision from Amazonian production forests be sustainable?. <i>Environmental Research Letters</i> , <b>2019</b> , 14, 064014	6.2	33
125	Climatic controls of decomposition drive the global biogeography of forest-tree symbioses. <i>Nature</i> , <b>2019</b> , 569, 404-408	50.4	203
124	Birds of a feather flock together: Functionally similar vertebrates positively co-occur in Guianan forests. <i>Ecosphere</i> , <b>2019</b> , 10, e02566	3.1	1
123	Ground Data are Essential for Biomass Remote Sensing Missions. <i>Surveys in Geophysics</i> , <b>2019</b> , 40, 863-889	6	56
122	Climate change would lead to a sharp acceleration of Central African forests dynamics by the end of the century. <i>Environmental Research Letters</i> , <b>2019</b> , 14, 044002	6.2	10
121	Estimating aboveground net biomass change for tropical and subtropical forests: Refinement of IPCC default rates using forest plot data. <i>Global Change Biology</i> , <b>2019</b> , 25, 3609-3624	11.4	44
120	Temperature rising would slow down tropical forest dynamic in the Guiana Shield. <i>Scientific Reports</i> , <b>2019</b> , 9, 10235	4.9	13
119	Long-term influence of early human occupations on current forests of the Guiana Shield. <i>Ecology</i> , <b>2019</b> , 100, e02806	4.6	15
118	The Forest Observation System, building a global reference dataset for remote sensing of forest biomass. <i>Scientific Data</i> , <b>2019</b> , 6, 198	8.2	29
117	Optimal strategies for ecosystem services provision in Amazonian production forests. <i>Environmental Research Letters</i> , <b>2019</b> , 14, 124090	6.2	4
116	A whole-plant functional scheme predicting the early growth of tropical tree species: evidence from 15 tree species in Central Africa. <i>Trees - Structure and Function</i> , <b>2019</b> , 33, 491-505	2.6	3
115	Compositional response of Amazon forests to climate change. <i>Global Change Biology</i> , <b>2019</b> , 25, 39-56	11.4	158
114	Drivers of biomass recovery in a secondary forested landscape of West Africa. <i>Forest Ecology and Management</i> , <b>2019</b> , 433, 325-331	3.9	22
113	Beyond species richness and biomass: Impact of selective logging and silvicultural treatments on the functional composition of a neotropical forest. <i>Forest Ecology and Management</i> , <b>2019</b> , 433, 528-534	3.9	15
112	Coordination and trade-offs among hydraulic safety, efficiency and drought avoidance traits in Amazonian rainforest canopy tree species. <i>New Phytologist</i> , <b>2018</b> , 218, 1015-1024	9.8	57
111	What drives long-term variations in carbon flux and balance in a tropical rainforest in French Guiana?. <i>Agricultural and Forest Meteorology</i> , <b>2018</b> , 253-254, 114-123	5.8	27
110	Disturbance Regimes Drive The Diversity of Regional Floristic Pools Across Guianan Rainforest Landscapes. <i>Scientific Reports</i> , <b>2018</b> , 8, 3872	4.9	18

109	Disentangling competitive vs. climatic drivers of tropical forest mortality. <i>Journal of Ecology</i> , <b>2018</b> , 106, 1165-1179	6	20
108	In Situ 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> , <b>2018</b> , 11, 3617-3627	4.7	33
107	Understanding the recruitment response of juvenile Neotropical trees to logging intensity using functional traits. <i>Ecological Applications</i> , <b>2018</b> , 28, 1998-2010	4.9	5
106	Assessing timber volume recovery after disturbance in tropical forests [A new modelling framework. <i>Ecological Modelling</i> , <b>2018</b> , 384, 353-369	3	17
105	Key drivers of ecosystem recovery after disturbance in a neotropical forest. <i>Forest Ecosystems</i> , <b>2018</b> , 5,	3.8	36
104	Functional traits partially mediate the effects of chronic anthropogenic disturbance on the growth of a tropical tree. <i>AoB PLANTS</i> , <b>2018</b> , 10, ply036	2.9	13
103	Global trait-environment relationships of plant communities. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 1906-1917	6.1	209
102	Questioning emissions-based approaches for the definition of REDD+ deforestation baselines in high forest cover/low deforestation countries. <i>Carbon Balance and Management</i> , <b>2018</b> , 13, 21	3.6	5
101	Pan-tropical prediction of forest structure from the largest trees. <i>Global Ecology and Biogeography</i> , <b>2018</b> , 27, 1366-1383	6.1	52
100	Simulation of succession in a neotropical forest: High selective logging intensities prolong the recovery times of ecosystem functions. <i>Forest Ecology and Management</i> , <b>2018</b> , 430, 517-525	3.9	10
99	Weak environmental controls on the composition and diversity of medium and large-sized vertebrate assemblages in neotropical rain forests of the Guiana Shield. <i>Diversity and Distributions</i> , <b>2018</b> , 24, 1545-1559	5	3
98	Moving forward socio-economically focused models of deforestation. <i>Global Change Biology</i> , <b>2017</b> , 23, 3484-3500	11.4	7
97	biomass: an r package for estimating above-ground biomass and its uncertainty in tropical forests. <i>Methods in Ecology and Evolution</i> , <b>2017</b> , 8, 1163-1167	7.7	152
96	Carbon uptake by mature Amazon forests has mitigated Amazon nations' carbon emissions. <i>Carbon Balance and Management</i> , <b>2017</b> , 12, 1	3.6	56
95	Nutrient-cycling mechanisms other than the direct absorption from soil may control forest structure and dynamics in poor Amazonian soils. <i>Scientific Reports</i> , <b>2017</b> , 7, 45017	4.9	53
94	Biological traits, rather than environment, shape detection curves of large vertebrates in neotropical rainforests <b>2017</b> , 27, 1564-1577		9
93	Tropical rainforests that persisted: inferences from the Quaternary demographic history of eight tree species in the Guiana shield. <i>Molecular Ecology</i> , <b>2017</b> , 26, 1161-1174	5.7	15
92	Ant-lepidopteran associations along African forest edges. <i>Die Naturwissenschaften</i> , <b>2017</b> , 104, 7	2	5

91	Climate drivers of the Amazon forest greening. <i>PLoS ONE</i> , <b>2017</b> , 12, e0180932	3.7	46
90	Gold-rush in a forested El Dorado: deforestation leakages and the need for regional cooperation. <i>Environmental Research Letters</i> , <b>2017</b> , 12, 034013	6.2	32
89	Assimilating satellite-based canopy height within an ecosystem model to estimate aboveground forest biomass. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 6823-6832	4.9	9
88	Environmental control of natural gap size distribution in tropical forests. <i>Biogeosciences</i> , <b>2017</b> , 14, 353-364	4.6	16
87	Gestão das florestas degradadas, uma nova prioridade na Amazônia brasileira <b>2017</b> , 1-4		
86	Managing degraded forests, a new priority in the Brazilian Amazon. <i>Perspective</i> , <b>2017</b> , 1-4	0.2	
85	Positive biodiversity-productivity relationship predominant in global forests. <i>Science</i> , <b>2016</b> , 354,	33.3	593
84	Black Curassow habitat relationships in terra firme forests of the Guiana Shield: A multiscale approach. <i>Condor</i> , <b>2016</b> , 118, 253-273	2.1	4
83	Plant functional traits have globally consistent effects on competition. <i>Nature</i> , <b>2016</b> , 529, 204-7	50.4	453
82	The response of tropical rainforests to drought-lessons from recent research and future prospects. <i>Annals of Forest Science</i> , <b>2016</b> , 73, 27-44	3.1	89
81	Will Tropical Rainforests Survive Climate Change? <b>2016</b> , 183-196		5
80	Carbon recovery dynamics following disturbance by selective logging in Amazonian forests. <i>ELife</i> , <b>2016</b> , 5,	8.9	35
79	Vulnerability of Commercial Tree Species to Water Stress in Logged Forests of the Guiana Shield. <i>Forests</i> , <b>2016</b> , 7, 105	2.8	9
78	Climate seasonality limits leaf carbon assimilation and wood productivity in tropical forests. <i>Biogeosciences</i> , <b>2016</b> , 13, 2537-2562	4.6	79
77	Regional Scale Rain-Forest Height Mapping Using Regression-Kriging of Spaceborne and Airborne LiDAR Data: Application on French Guiana. <i>Remote Sensing</i> , <b>2016</b> , 8, 240	5	27
76	Weak Environmental Controls of Tropical Forest Canopy Height in the Guiana Shield. <i>Remote Sensing</i> , <b>2016</b> , 8, 747	5	2
75	Tree Height Reduction After Selective Logging in a Tropical Forest. <i>Biotropica</i> , <b>2016</b> , 48, 285-289	2.3	27
74	A methodological framework to assess the carbon balance of tropical managed forests. <i>Carbon Balance and Management</i> , <b>2016</b> , 11, 15	3.6	12

73	Evolutionary heritage influences Amazon tree ecology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	29
72	A cuckoo-like parasitic moth leads African weaver ant colonies to their ruin. <i>Scientific Reports</i> , <b>2016</b> , 6, 23778	4.9	2
71	Taxonomic and functional composition of arthropod assemblages across contrasting Amazonian forests. <i>Journal of Animal Ecology</i> , <b>2016</b> , 85, 227-39	4.7	19
70	Aboveground biomass mapping in French Guiana by combining remote sensing, forest inventories and environmental data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2016</b> , 52, 502-514	7.3	42
69	Stay out (almost) all night: contrasting responses in flight activity among tropical moth assemblages. <i>Neotropical Entomology</i> , <b>2015</b> , 44, 109-15	1.2	15
68	Hyperdominance in Amazonian forest carbon cycling. <i>Nature Communications</i> , <b>2015</b> , 6, 6857	17.4	157
67	Long-term decline of the Amazon carbon sink. <i>Nature</i> , <b>2015</b> , 519, 344-8	50.4	583
66	Rapid tree carbon stock recovery in managed Amazonian forests. <i>Current Biology</i> , <b>2015</b> , 25, R787-8	6.3	73
65	Bat aggregation mediates the functional structure of ant assemblages. <i>Comptes Rendus - Biologies</i> , <b>2015</b> , 338, 688-95	1.4	1
64	Decomposing phylodiversity. <i>Methods in Ecology and Evolution</i> , <b>2015</b> , 6, 333-339	7.7	11
63	The Tropical managed Forests Observatory: a research network addressing the future of tropical logged forests. <i>Applied Vegetation Science</i> , <b>2015</b> , 18, 171-174	3.3	40
62	Rapid tree carbon stock recovery in managed Amazonian forests. <i>Current Biology</i> , <b>2015</b> , 25, 2738	6.3	6
61	A joint individual-based model coupling growth and mortality reveals that tree vigor is a key component of tropical forest dynamics. <i>Ecology and Evolution</i> , <b>2015</b> , 5, 2457-65	2.8	15
60	Regional scale rain-forest height mapping using regression-kriging of spaceborne and airborne LiDAR data: Application on French Guiana <b>2015</b> ,		1
59	Bats Fertilize Roost Trees. <i>Biotropica</i> , <b>2015</b> , 47, 403-406	2.3	11
58	Identifying climatic drivers of tropical forest dynamics. <i>Biogeosciences</i> , <b>2015</b> , 12, 5583-5596	4.6	16
57	Spatial Structure of Above-Ground Biomass Limits Accuracy of Carbon Mapping in Rainforest but Large Scale Forest Inventories Can Help to Overcome. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138456	3.7	21
56	A bromeliad species reveals invasive ant presence in urban areas of French Guiana. <i>Ecological Indicators</i> , <b>2015</b> , 58, 1-7	5.8	5

55	entropart: AnRPackage to Measure and Partition Diversity. <i>Journal of Statistical Software</i> , <b>2015</b> , 67,	7.3	112
54	GUYASIM : UN OUTIL D'AIDE À LA DÉCISION POUR L'AMÉNAGEMENT D'UN TERRITOIRE FORESTIER, LA GUYANE. <i>Bois Et Forêts Des Tropiques</i> , <b>2015</b> , 326, 67		2
53	Mycorrhizae support oaks growing in a phylogenetically distant neighbourhood. <i>Soil Biology and Biochemistry</i> , <b>2014</b> , 78, 204-212	7.5	6
52	Vertical stratification reduces competition for light in dense tropical forests. <i>Forest Ecology and Management</i> , <b>2014</b> , 329, 79-88	3.9	24
51	Pan-tropical analysis of climate effects on seasonal tree growth. <i>PLoS ONE</i> , <b>2014</b> , 9, e92337	3.7	43
50	A Tank Bromeliad Favors Spider Presence in a Neotropical Inundated Forest. <i>PLoS ONE</i> , <b>2014</b> , 9, e114593	3.7	17
49	Are Commonly Measured Functional Traits Involved in Tropical Tree Responses to Climate?. <i>International Journal of Ecology</i> , <b>2014</b> , 2014, 1-10	1.9	10
48	Local spatial structure of forest biomass and its consequences for remote sensing of carbon stocks. <i>Biogeosciences</i> , <b>2014</b> , 11, 6827-6840	4.6	70
47	Insect herbivores should follow plants escaping their relatives. <i>Oecologia</i> , <b>2014</b> , 176, 521-32	2.9	16
46	Estimating tropical tree diversity indices from forestry surveys: A method to integrate taxonomic uncertainty. <i>Forest Ecology and Management</i> , <b>2014</b> , 328, 270-281	3.9	21
45	Predicting tree heights for biomass estimates in tropical forests: a test from French Guiana. <i>Biogeosciences</i> , <b>2014</b> , 11, 3121-3130	4.6	35
44	Generalization of the partitioning of shannon diversity. <i>PLoS ONE</i> , <b>2014</b> , 9, e90289	3.7	45
43	Functional traits help predict post-disturbance demography of tropical trees. <i>PLoS ONE</i> , <b>2014</b> , 9, e105023	3.7	13
42	Depth of soil water uptake by tropical rainforest trees during dry periods: does tree dimension matter?. <i>Oecologia</i> , <b>2013</b> , 173, 1191-201	2.9	97
41	Rapid Simultaneous Estimation of Aboveground Biomass and Tree Diversity Across Neotropical Forests: A Comparison of Field Inventory Methods. <i>Biotropica</i> , <b>2013</b> , 45, 288-298	2.3	49
40	Asynchronism in leaf and wood production in tropical forests: a study combining satellite and ground-based measurements. <i>Biogeosciences</i> , <b>2013</b> , 10, 7307-7321	4.6	28
39	Toward trait-based mortality models for tropical forests. <i>PLoS ONE</i> , <b>2013</b> , 8, e63678	3.7	21
38	Contrasting taxonomic and functional responses of a tropical tree community to selective logging. <i>Journal of Applied Ecology</i> , <b>2012</b> , 49, 861-870	5.8	81



37	The decomposition of Shannon's entropy and a confidence interval for beta diversity. <i>Oikos</i> , <b>2012</b> , 121, 516-522	4	37
36	Water availability is the main climate driver of neotropical tree growth. <i>PLoS ONE</i> , <b>2012</b> , 7, e34074	3.7	65
35	Efficacy of <i>Bagassa guianensis</i> Aubl. extract against wood decay and human pathogenic fungi. <i>International Biodeterioration and Biodegradation</i> , <b>2012</b> , 70, 55-59	4.8	12
34	Modeling water availability for trees in tropical forests. <i>Agricultural and Forest Meteorology</i> , <b>2011</b> , 151, 1202-1213	5.8	50
33	Phytophagy on phylogenetically isolated trees: why hosts should escape their relatives. <i>Ecology Letters</i> , <b>2011</b> , 14, 1117-24	10	62
32	Leaf functional response to increasing atmospheric CO <sub>2</sub> concentrations over the last century in two northern Amazonian tree species: a historical (13) C and (18) O approach using herbarium samples. <i>Plant, Cell and Environment</i> , <b>2011</b> , 34, 1332-44	8.4	29
31	Disentangling stand and environmental correlates of aboveground biomass in Amazonian forests. <i>Global Change Biology</i> , <b>2011</b> , 17, 2677-2688	11.4	127
30	Functional traits shape ontogenetic growth trajectories of rain forest tree species. <i>Journal of Ecology</i> , <b>2011</b> , 99, 1431-1440	6	134
29	Functional traits of individual trees reveal ecological constraints on community assembly in tropical rain forests. <i>Oikos</i> , <b>2011</b> , 120, 720-727	4	96
28	Climate change impact on neotropical social wasps. <i>PLoS ONE</i> , <b>2011</b> , 6, e27004	3.7	26
27	Effects of Plot Size and Census Interval on Descriptors of Forest Structure and Dynamics. <i>Biotropica</i> , <b>2010</b> , 42, 664-671	2.3	46
26	Contrasting above-ground biomass balance in a Neotropical rain forest. <i>Journal of Vegetation Science</i> , <b>2010</b> , 21, 672	3.1	42
25	Functional trait variation and sampling strategies in species-rich plant communities. <i>Functional Ecology</i> , <b>2010</b> , 24, 208-216	5.6	125
24	Growth responses of neotropical trees to logging gaps. <i>Journal of Applied Ecology</i> , <b>2010</b> , 47, 821-831	5.8	61
23	Decoupled leaf and stem economics in rain forest trees. <i>Ecology Letters</i> , <b>2010</b> , 13, 1338-47	10	248
22	Assessing foliar chlorophyll contents with the SPAD-502 chlorophyll meter: a calibration test with thirteen tree species of tropical rainforest in French Guiana. <i>Annals of Forest Science</i> , <b>2010</b> , 67, 607-607	3.1	106
21	A temporary social parasite of tropical plant-ants improves the fitness of a myrmecophyte. <i>Die Naturwissenschaften</i> , <b>2010</b> , 97, 925-34	2	10
20	Modeling decay rates of dead wood in a neotropical forest. <i>Oecologia</i> , <b>2010</b> , 164, 243-51	2.9	52

19	Phosphorus and nitrogen allocation in <i>Allium ursinum</i> on an alluvial floodplain (Eastern France). Is there an effect of flooding history?. <i>Plant and Soil</i> , <b>2009</b> , 324, 279-289	4.2	5
18	How habitat area, local and regional factors shape plant assemblages in isolated closed depressions. <i>Acta Oecologica</i> , <b>2009</b> , 35, 385-392	1.7	15
17	Dynamics of aboveground carbon stocks in a selectively logged tropical forest <b>2009</b> , 19, 1397-404		98
16	Redundancy and niche differentiation among the European invasive <i>Elodea</i> species. <i>Biological Invasions</i> , <b>2008</b> , 10, 1099-1107	2.7	15
15	Diversity of plant assemblages in isolated depressional wetlands from Central-Western Europe. <i>Biodiversity and Conservation</i> , <b>2008</b> , 17, 2169-2183	3.4	11
14	Using life-history traits to achieve a functional classification of habitats. <i>Applied Vegetation Science</i> , <b>2007</b> , 10, 73-80	3.3	22
13	Reconciling niche and neutrality through the Emergent Group approach. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , <b>2007</b> , 9, 71-78	3	50
12	Using life-history traits to achieve a functional classification of habitats <b>2007</b> , 10, 73		2
11	Evaluation of the ecological restoration potential of plant communities in Norway spruce plantations using a life-trait based approach. <i>Journal of Applied Ecology</i> , <b>2005</b> , 42, 536-545	5.8	45
10	The relative importance of local, regional and historical factors determining the distribution of plants in fragmented riverine forests: an emergent group approach. <i>Journal of Biogeography</i> , <b>2005</b> , 32, 2069-2081	4.1	71
9	Assessing the potential of natural woody species regeneration for the conversion of Norway spruce plantations on alluvial soils. <i>Annals of Forest Science</i> , <b>2004</b> , 61, 711-719	3.1	25
8	Soil seed bank and vegetation dynamics in Sahelian fallows; the impact of past cropping and current grazing treatments. <i>Journal of Tropical Ecology</i> , <b>2004</b> , 20, 683-691	1.3	19
7	Opportunities and constraints of using understory plants to set forest restoration and conservation priorities <b>2001</b> , 227-243		
6	Asynchronism in leaf and wood production in tropical forests: a study combining satellite and ground-based measurements		3
5	Predicting tree heights for biomass estimates in tropical forests		6
4	Local spatial structure of forest biomass and its consequences for remote sensing of carbon stocks		26
3	Identifying climatic drivers of tropical forest dynamics		2
2	For the sake of resilience and multifunctionality, let's diversify planted forests!. <i>Conservation Letters</i> , e12829	6.9	17

1	Local farmers shape ecosystem service provisioning in West African cocoa agroforests. <i>Agroforestry Systems</i> ,1	2	0
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