

Nigel C A Pitman

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.

103
papers

12,907
citations

46
h-index

109
g-index

109
ext. papers

14,814
ext. citations

9.5
avg, IF

5
L-index

#	Paper	IF	Citations
103	Rediscovery of L.E.Skog & L.P.Kvist (Gesneriaceae) at multiple sites in western Ecuador.. <i>PhytoKeys</i> , 2022 , 194, 33-46	0.9	0
102	Amazon tree dominance across forest strata. <i>Nature Ecology and Evolution</i> , 2021 , 5, 757-767	12.3	5
101	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	6.1	2
100	A 5,000-year vegetation and fire history for forests in the Medio Putumayo-Algodó watersheds, northeastern Peru. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	8
99	Identifying gaps in the photographic record of the vascular plant flora of the Americas. <i>Nature Plants</i> , 2021 , 7, 1010-1014	11.5	1
98	The contribution of environmental and dispersal filters on phylogenetic and taxonomic beta diversity patterns in Amazonian tree communities. <i>Oecologia</i> , 2021 , 196, 1119-1137	2.9	2
97	Applied science facilitates the large-scale expansion of protected areas in an Amazonian hot spot. <i>Science Advances</i> , 2021 , 7,	14.3	2
96	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. <i>Biological Conservation</i> , 2021 , 260, 108849	6.2	15
95	Long-term thermal sensitivity of Earth's tropical forests. <i>Science</i> , 2020 , 368, 869-874	33.3	92
94	Biased-corrected richness estimates for the Amazonian tree flora. <i>Scientific Reports</i> , 2020 , 10, 10130	4.9	24
93	Competition influences tree growth, but not mortality, across environmental gradients in Amazonia and tropical Africa. <i>Ecology</i> , 2020 , 101, e03052	4.6	24
92	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , 2020 , 29, 1495-1514	6.1	21
91	Tree mode of death and mortality risk factors across Amazon forests. <i>Nature Communications</i> , 2020 , 11, 5515	17.4	24
90	A Common But Overlooked New Species in the Hyper-Diverse Genus <i>Inga</i> Mill. from the Northwestern Amazon. <i>Systematic Botany</i> , 2019 , 44, 536-547	0.7	1
89	Rarity of monodominance in hyperdiverse Amazonian forests. <i>Scientific Reports</i> , 2019 , 9, 13822	4.9	19
88	Dominant tree species drive beta diversity patterns in western Amazonia. <i>Ecology</i> , 2019 , 100, e02636	4.6	13
87	Climatic controls of decomposition drive the global biogeography of forest-tree symbioses. <i>Nature</i> , 2019 , 569, 404-408	50.4	203

86	Towards a dynamic list of Amazonian tree species. <i>Scientific Reports</i> , 2019 , 9, 3501	4.9	41
85	Individual-Based Modeling of Amazon Forests Suggests That Climate Controls Productivity While Traits Control Demography. <i>Frontiers in Earth Science</i> , 2019 , 7,	3.5	12
84	Scaling issues of neutral theory reveal violations of ecological equivalence for dominant Amazonian tree species. <i>Ecology Letters</i> , 2019 , 22, 1072-1082	10	4
83	Evolutionary diversity is associated with wood productivity in Amazonian forests. <i>Nature Ecology and Evolution</i> , 2019 , 3, 1754-1761	12.3	17
82	Trees of Amazonian Ecuador: a taxonomically verified species list with data on abundance and distribution. <i>Ecology</i> , 2019 , 100, e02894	4.6	1
81	Sesenta y cuatro nuevos registros para la flora del Perú a través de inventarios biológicos rápidos en la Amazonía peruana. <i>Revista Peruana De Biología</i> , 2019 , 26, 379-392	1.2	2
80	Brazilian montane rainforest expansion induced by Heinrich Stadial 1 event. <i>Scientific Reports</i> , 2019 , 9, 17912	4.9	6
79	Compositional response of Amazon forests to climate change. <i>Global Change Biology</i> , 2019 , 25, 39-56	11.4	158
78	Species Distribution Modelling: Contrasting presence-only models with plot abundance data. <i>Scientific Reports</i> , 2018 , 8, 1003	4.9	78
77	An undescribed and overlooked species of Sloanea (Elaeocarpaceae) from the Ecuadorian Amazon. <i>Brittonia</i> , 2018 , 70, 221-226	0.5	0
76	Defaunation increases the spatial clustering of lowland Western Amazonian tree communities. <i>Journal of Ecology</i> , 2018 , 106, 1470-1482	6	17
75	Peatland forests are the least diverse tree communities documented in Amazonia, but contribute to high regional beta-diversity. <i>Ecography</i> , 2018 , 41, 1256-1269	6.5	23
74	Pan-tropical prediction of forest structure from the largest trees. <i>Global Ecology and Biogeography</i> , 2018 , 27, 1366-1383	6.1	52
73	Seasonal drought limits tree species across the Neotropics. <i>Ecography</i> , 2017 , 40, 618-629	6.5	93
72	Forest conservation: Humans' handprints. <i>Science</i> , 2017 , 355, 466-467	33.3	6
71	Persistent effects of pre-Columbian plant domestication on Amazonian forest composition. <i>Science</i> , 2017 , 355, 925-931	33.3	280
70	Estimating and interpreting migration of Amazonian forests using spatially implicit and semi-explicit neutral models. <i>Ecology and Evolution</i> , 2017 , 7, 4254-4265	2.8	3
69	Incorporating phylogenetic information for the definition of floristic districts in hyperdiverse Amazon forests: Implications for conservation. <i>Ecology and Evolution</i> , 2017 , 7, 9639-9650	2.8	8

68	Economically important species dominate aboveground carbon storage in forests of southwestern Amazonia. <i>Ecology and Society</i> , 2017 , 22,	4.1	6
67	The discovery of the Amazonian tree flora with an updated checklist of all known tree taxa. <i>Scientific Reports</i> , 2016 , 6, 29549	4.9	70
66	Variation in stem mortality rates determines patterns of above-ground biomass in Amazonian forests: implications for dynamic global vegetation models. <i>Global Change Biology</i> , 2016 , 22, 3996-4013	11.4	99
65	Evolutionary heritage influences Amazon tree ecology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283,	4.4	29
64	A Floristic Assessment of Ecuador's Amazon Tree Flora 2016 , 27-52		1
63	Hyperdominance in Amazonian forest carbon cycling. <i>Nature Communications</i> , 2015 , 6, 6857	17.4	157
62	Long-term decline of the Amazon carbon sink. <i>Nature</i> , 2015 , 519, 344-8	50.4	583
61	Estimating the global conservation status of more than 15,000 Amazonian tree species. <i>Science Advances</i> , 2015 , 1, e1500936	14.3	91
60	Phylogenetic diversity of Amazonian tree communities. <i>Diversity and Distributions</i> , 2015 , 21, 1295-1307	5	56
59	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, 7472-7	11.5	258
58	Methods to estimate aboveground wood productivity from long-term forest inventory plots. <i>Forest Ecology and Management</i> , 2014 , 320, 30-38	3.9	62
57	Fast demographic traits promote high diversification rates of Amazonian trees. <i>Ecology Letters</i> , 2014 , 17, 527-36	10	48
56	Tropical forest wood production: a cross-continental comparison. <i>Journal of Ecology</i> , 2014 , 102, 1025-1087		58
55	Distribution and abundance of tree species in swamp forests of Amazonian Ecuador. <i>Ecography</i> , 2014 , 37, 902-915	6.5	27
54	Are all species necessary to reveal ecologically important patterns?. <i>Ecology and Evolution</i> , 2014 , 4, 4626-36		25
53	Markedly divergent estimates of Amazon forest carbon density from ground plots and satellites. <i>Global Ecology and Biogeography</i> , 2014 , 23, 935-946	6.1	205
52	Hyperdominance in the Amazonian tree flora. <i>Science</i> , 2013 , 342, 1243092	33.3	637
51	Oligarchies in Amazonian tree communities: a ten-year review. <i>Ecography</i> , 2013 , 36, 114-123	6.5	36

50	Drip-tips are Associated with Intensity of Precipitation in the Amazon Rain Forest. <i>Biotropica</i> , 2012 , 44, 728-737	2.3	17
49	Averting biodiversity collapse in tropical forest protected areas. <i>Nature</i> , 2012 , 489, 290-4	50.4	686
48	Basin-wide variations in Amazon forest structure and function are mediated by both soils and climate. <i>Biogeosciences</i> , 2012 , 9, 2203-2246	4.6	387
47	Tree height integrated into pantropical forest biomass estimates. <i>Biogeosciences</i> , 2012 , 9, 3381-3403	4.6	289
46	Indigenous Perceptions of Tree Species Abundance Across an Upper Amazonian Landscape. <i>Journal of Ethnobiology</i> , 2011 , 31, 233-243	1.9	5
45	Abiotic modulators of Podocnemis unifilis (Testudines: Podocnemididae) abundances in the Peruvian Amazon. <i>Zoologia</i> , 2011 , 28, 343-350	2	3
44	Volume and Geographical Distribution of Ecological Research in the Andes and the Amazon, 1995-2008. <i>Tropical Conservation Science</i> , 2011 , 4, 64-81	1.4	77
43	Four years of vertebrate monitoring on an upper Amazonian river. <i>Biodiversity and Conservation</i> , 2011 , 20, 827-849	3.4	14
42	Are compound leaves an adaptation to seasonal drought or to rapid growth? Evidence from the Amazon rain forest. <i>Global Ecology and Biogeography</i> , 2010 , 19, 852-862	6.1	20
41	Global conservation significance of Ecuador's Yasuni National Park. <i>PLoS ONE</i> , 2010 , 5, e8767	3.7	222
40	A Floristic Study of the White-Sand Forests of Peru. <i>Annals of the Missouri Botanical Garden</i> , 2010 , 97, 283-305	1.8	84
39	Research in biodiversity hotspots should be free. <i>Trends in Ecology and Evolution</i> , 2010 , 25, 381	10.9	6
38	Spatial distribution and functional significance of leaf lamina shape in Amazonian forest trees. <i>Biogeosciences</i> , 2009 , 6, 1577-1590	4.6	20
37	Spatial trends in leaf size of Amazonian rainforest trees. <i>Biogeosciences</i> , 2009 , 6, 1563-1576	4.6	29
36	Multi-scale comparisons of tree composition in Amazonian terra firme forests. <i>Biogeosciences</i> , 2009 , 6, 2719-2731	4.6	42
35	Branch xylem density variations across the Amazon Basin. <i>Biogeosciences</i> , 2009 , 6, 545-568	4.6	73
34	Do species traits determine patterns of wood production in Amazonian forests?. <i>Biogeosciences</i> , 2009 , 6, 297-307	4.6	72
33	Does the disturbance hypothesis explain the biomass increase in basin-wide Amazon forest plot data?. <i>Global Change Biology</i> , 2009 , 15, 2418-2430	11.4	70

32	Drought sensitivity of the Amazon rainforest. <i>Science</i> , 2009 , 323, 1344-7	33.3	1213
31	Tree recruitment in an empty forest. <i>Ecology</i> , 2008 , 89, 1757-68	4.6	310
30	Tree Community Change across 700 km of Lowland Amazonian Forest from the Andean Foothills to Brazil. <i>Biotropica</i> , 2008 , 40, 525-535	2.3	70
29	Relationships among ecologically important dimensions of plant trait variation in seven neotropical forests. <i>Annals of Botany</i> , 2007 , 99, 1003-15	4.1	265
28	Written accounts of an Amazonian landscape over the last 450 years. <i>Conservation Biology</i> , 2007 , 21, 253-62	6	15
27	The regional variation of aboveground live biomass in old-growth Amazonian forests. <i>Global Change Biology</i> , 2006 , 12, 1107-1138	11.4	424
26	Continental-scale patterns of canopy tree composition and function across Amazonia. <i>Nature</i> , 2006 , 443, 444-7	50.4	508
25	Catastrophic natural origin of a species-poor tree community in the world's richest forest. <i>Journal of Tropical Ecology</i> , 2005 , 21, 559-568	1.3	21
24	Late twentieth-century trends in the biomass of Amazonian forest plots 2005 , 129-142		2
23	Late twentieth-century patterns and trends in Amazon tree turnover 2005 , 107-128		2
22	Increasing biomass in Amazonian forest plots. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004 , 359, 353-65	5.8	347
21	Variation in wood density determines spatial patterns in Amazonian forest biomass. <i>Global Change Biology</i> , 2004 , 10, 545-562	11.4	535
20	The above-ground coarse wood productivity of 104 Neotropical forest plots. <i>Global Change Biology</i> , 2004 , 10, 563-591	11.4	366
19	Pattern and process in Amazon tree turnover, 1976-2001. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004 , 359, 381-407	5.8	325
18	A spatial model of tree diversity and tree density for the Amazon. <i>Biodiversity and Conservation</i> , 2003 , 12, 2255-2277	3.4	298
17	Extinction-Rate Estimates for a Modern Neotropical Flora. <i>Conservation Biology</i> , 2002 , 16, 1427-1431	6	29
16	An international network to monitor the structure, composition and dynamics of Amazonian forests (RAINFOR). <i>Journal of Vegetation Science</i> , 2002 , 13, 439-450	3.1	242
15	A COMPARISON OF TREE SPECIES DIVERSITY IN TWO UPPER AMAZONIAN FORESTS. <i>Ecology</i> , 2002 , 83, 3210-3224	4.6	97

14	Phylogenetic balance and ecological evenness. <i>Systematic Biology</i> , 2002 , 51, 898-907	8.4	25
13	Beta-diversity in tropical forest trees. <i>Science</i> , 2002 , 295, 666-9	33.3	1005
12	Two biases in estimating range sizes of Amazonian plant species. <i>Journal of Tropical Ecology</i> , 2002 , 18, 935-942	1.3	30
11	Estimating the size of the world's threatened flora. <i>Science</i> , 2002 , 298, 989	33.3	167
10	Habitat-related error in estimating temperatures from leaf margins in a humid tropical forest. <i>American Journal of Botany</i> , 2001 , 88, 1096-1102	2.7	85
9	DOMINANCE AND DISTRIBUTION OF TREE SPECIES IN UPPER AMAZONIAN TERRA FIRME FORESTS. <i>Ecology</i> , 2001 , 82, 2101-2117	4.6	366
8	DOMINANCE AND DISTRIBUTION OF TREE SPECIES IN UPPER AMAZONIAN TERRA FIRME FORESTS 2001 , 82, 2101		19
7	TREE SPECIES DISTRIBUTIONS IN AN UPPER AMAZONIAN FOREST. <i>Ecology</i> , 1999 , 80, 2651-2661	4.6	236
6	TREE SPECIES DISTRIBUTIONS IN AN UPPER AMAZONIAN FOREST 1999 , 80, 2651		2
5	TREE SPECIES DISTRIBUTIONS IN AN UPPER AMAZONIAN FOREST 1999 , 80, 2651		17
4	Do species traits determine patterns of wood production in Amazonian forests?		7
3	Integrating regional and continental scale comparisons of tree composition in Amazonian terra firme forests		3
2	Spatial distribution and functional significance of leaf lamina shape in Amazonian forest trees		4
1	Tree height integrated into pan-tropical forest biomass estimates		30