

Gilles Dauby

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6940298/publications.pdf>

Version: 2024-02-01

40
papers

2,515
citations

257450

24
h-index

276875

41
g-index

42
all docs

42
docs citations

42
times ranked

3999
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	The commonness of rarity: Global and future distribution of rarity across land plants. <i>Science Advances</i> , 2019, 5, eaaz0414.	10.3	194
4	<i>ConR</i> : An R package to assist large-scale multispecies preliminary conservation assessments using distribution data. <i>Ecology and Evolution</i> , 2017, 7, 11292-11303.	1.9	138
5	Tectonics, climate and the diversification of the tropical African terrestrial flora and fauna. <i>Biological Reviews</i> , 2021, 96, 16-51.	10.4	123
6	Seeing Central African forests through their largest trees. <i>Scientific Reports</i> , 2015, 5, 13156.	3.3	114
7	Exploring the floristic diversity of tropical Africa. <i>BMC Biology</i> , 2017, 15, 15.	3.8	109
8	Cradles and museums of generic plant diversity across tropical Africa. <i>New Phytologist</i> , 2020, 225, 2196-2213.	7.3	97
9	Comparative phylogeography of African rain forest trees: A review of genetic signatures of vegetation history in the Guineo-Congolian region. <i>Comptes Rendus - Geoscience</i> , 2013, 345, 284-296.	1.2	94
10	RAINBIO: a mega-database of tropical African vascular plants distributions. <i>PhytoKeys</i> , 2016, 74, 1-18.	1.0	92
11	A third of the tropical African flora is potentially threatened with extinction. <i>Science Advances</i> , 2019, 5, eaax9444.	10.3	80
12	Beyond trees: Biogeographical regionalization of tropical Africa. <i>Journal of Biogeography</i> , 2018, 45, 1153-1167.	3.0	78
13	Patterns of tree species composition across tropical African forests. <i>Journal of Biogeography</i> , 2014, 41, 2320-2331.	3.0	69
14	Closing a gap in tropical forest biomass estimation: taking crown mass variation into account in pantropical allometries. <i>Biogeosciences</i> , 2016, 13, 1571-1585.	3.3	66
15	Unveiling African rainforest composition and vulnerability to global change. <i>Nature</i> , 2021, 593, 90-94.	27.8	53
16	Toward a general tropical forest biomass prediction model from very high resolution optical satellite images. <i>Remote Sensing of Environment</i> , 2017, 200, 140-153.	11.0	49
17	A large-scale species level dated angiosperm phylogeny for evolutionary and ecological analyses. <i>Biodiversity Data Journal</i> , 2020, 8, e39677.	0.8	47
18	Pleistocene population expansions of shade-tolerant trees indicate fragmentation of the African rainforest during the Ice Ages. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171800.	2.6	37

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19	Comparative Phylogeography in Rainforest Trees from Lower Guinea, Africa. PLoS ONE, 2014, 9, e84307.	2.5	36
20	Congruent phylogeographical patterns of eight tree species in Atlantic Central Africa provide insights into the past dynamics of forest cover. Molecular Ecology, 2014, 23, 2299-2312.	3.9	35
21	Sampled-based estimation of diversity sensu stricto by transforming Hurlbert diversities into effective number of species. Ecography, 2012, 35, 661-672.	4.5	34
22	Chloroplast DNA Polymorphism and Phylogeography of a Central African Tree Species Widespread in Mature Rainforests: <i>Greenwayodendron suaveolens</i> (Annonaceae). Tropical Plant Biology, 2010, 3, 4-13.	1.9	31
23	Predicting alpha diversity of African rain forests: models based on climate and satellite-derived data do not perform better than a purely spatial model. Journal of Biogeography, 2011, 38, 1164-1176.	3.0	30
24	Development and characterization of microsatellite loci in <i>Pericopsis elata</i> (Fabaceae) using a cost-efficient approach. American Journal of Botany, 2011, 98, e268-70.	1.7	29
25	Combining morphology and population genetic analysis uncover species delimitation in the widespread African tree genus <i>Santiria</i> (Burseraceae). Phytotaxa, 2017, 321, 166.	0.3	23
26	Comparative phylogeography of eight herbs and lianas (Marantaceae) in central African rainforests. Frontiers in Genetics, 2014, 5, 403.	2.3	19
27	Species delimitation in the genus <i>Greenwayodendron</i> based on morphological and genetic markers reveals new species. Taxon, 2019, 68, 442-454.	0.7	19
28	Drivers of tree diversity in tropical rain forests: new insights from a comparison between littoral and hilly landscapes of Central Africa. Journal of Biogeography, 2014, 41, 574-586.	3.0	13
29	Plastome phylogeography in two African rain forest legume trees reveals that Dahomey Gap populations originate from the Cameroon volcanic line. Molecular Phylogenetics and Evolution, 2020, 150, 106854.	2.7	13
30	Taxonomic revision of the African genus <i>Greenwayodendron</i> (Annonaceae). PhytoKeys, 2018, 114, 55-93.	1.0	12
31	Contribution to the taxonomy of <i>Garcinia</i> (Clusiaceae) in Africa, including two new species from Gabon and a key to the Lower Guinean species. PhytoKeys, 2012, 17, 41-62.	1.0	10
32	NOVITATES GABONENSES 80. ADDITIONS AND CORRECTIONS TO THE FLORA OF GABON. Edinburgh Journal of Botany, 2011, 68, 423-442.	0.4	9
33	<i>Afrothismia gabonensis</i> sp. nov. (Burmanniaceae) from Gabon. Nordic Journal of Botany, 2007, 25, 268-271.	0.5	6
34	Multiple Stable Dominance States in the Congo Basin Forests. Forests, 2020, 11, 553.	2.1	5
35	Climatic niche lability but growth form conservatism in the African woody flora. Ecology Letters, 2022, 25, 1164-1176.	6.4	5
36	An efficient method for defining plant species under High Conservation Value (HCV) criterion 1 based on the IUCN Red List criteria: A case study using species endemic to Gabon. Journal for Nature Conservation, 2021, 62, 126027.	1.8	4

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37	Novitates Gabonenses 88: additions to the flora of Gabon and new records of little-known species. <i>Plant Ecology and Evolution</i> , 2018, 151, 393-422.	0.7	4
38	Impact of end-of-century climate change on priority non-timber forest product species across tropical Africa. <i>African Journal of Ecology</i> , 2022, 60, 1120-1132.	0.9	4
39	Additive influences of soil and climate gradients drive tree community composition of Central African rain forests. <i>Journal of Vegetation Science</i> , 2020, 31, 1154-1167.	2.2	3
40	Isolation of nuclear microsatellite loci in the African tree <i>Scorodophloeus zenkeri</i> (Fabaceae). <i>Conservation Genetics Resources</i> , 2013, 5, 219-221.	0.8	1