

Gilles Dauby

List of Publications by Year in descending order

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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	Climatic niche lability but growth form conservatism in the African woody flora. <i>Ecology Letters</i> , 2022, 25, 1164-1176.	6.4	5
2	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
3	Tectonics, climate and the diversification of the tropical African terrestrial flora and fauna. <i>Biological Reviews</i> , 2021, 96, 16-51.	10.4	123
4	Unveiling African rainforest composition and vulnerability to global change. <i>Nature</i> , 2021, 593, 90-94.	27.8	53
5	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. <i>Journal for Nature Conservation</i> , 2021, 62, 126027.	1.8	4
6	Cradles and museums of generic plant diversity across tropical Africa. <i>New Phytologist</i> , 2020, 225, 2196-2213.	7.3	97
7	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
8	Multiple Stable Dominance States in the Congo Basin Forests. <i>Forests</i> , 2020, 11, 553.	2.1	5
9	Plastome phylogeography in two African rain forest legume trees reveals that Dahomey Gap populations originate from the Cameroon volcanic line. <i>Molecular Phylogenetics and Evolution</i> , 2020, 150, 106854.	2.7	13
10	A large-scale species level dated angiosperm phylogeny for evolutionary and ecological analyses. <i>Biodiversity Data Journal</i> , 2020, 8, e39677.	0.8	47
11	Species delimitation in the genus <i>Greenwayodendron</i> based on morphological and genetic markers reveals new species. <i>Taxon</i> , 2019, 68, 442-454.	0.7	19
12	A third of the tropical African flora is potentially threatened with extinction. <i>Science Advances</i> , 2019, 5, eaax9444.	10.3	80
13	The commonness of rarity: Global and future distribution of rarity across land plants. <i>Science Advances</i> , 2019, 5, eaaz0414.	10.3	194
14	Beyond trees: Biogeographical regionalization of tropical Africa. <i>Journal of Biogeography</i> , 2018, 45, 1153-1167.	3.0	78
15	Taxonomic revision of the African genus <i>Greenwayodendron</i> (Annonaceae). <i>PhytoKeys</i> , 2018, 114, 55-93.	1.0	12
16	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
17	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
18	Combining morphology and population genetic analysis uncover species delimitation in the widespread African tree genus <i>Santiria</i> (Burseraceae). <i>Phytotaxa</i> , 2017, 321, 166.	0.3	23

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19	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
20	Exploring the floristic diversity of tropical Africa. <i>BMC Biology</i> , 2017, 15, 15.	3.8	109
21	<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
22	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
23	RAINBIO: a mega-database of tropical African vascular plants distributions. <i>PhytoKeys</i> , 2016, 74, 1-18.	1.0	92
24	Seeing Central African forests through their largest trees. <i>Scientific Reports</i> , 2015, 5, 13156.	3.3	114
25	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
26	Comparative phylogeography of eight herbs and lianas (Marantaceae) in central African rainforests. <i>Frontiers in Genetics</i> , 2014, 5, 403.	2.3	19
27	Drivers of tree diversity in tropical rain forests: new insights from a comparison between littoral and hilly landscapes of Central Africa. <i>Journal of Biogeography</i> , 2014, 41, 574-586.	3.0	13
28	Congruent phylogeographical patterns of eight tree species in Atlantic Central Africa provide insights into the past dynamics of forest cover. <i>Molecular Ecology</i> , 2014, 23, 2299-2312.	3.9	35
29	Patterns of tree species composition across tropical African forests. <i>Journal of Biogeography</i> , 2014, 41, 2320-2331.	3.0	69
30	Comparative Phylogeography in Rainforest Trees from Lower Guinea, Africa. <i>PLoS ONE</i> , 2014, 9, e84307.	2.5	36
31	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
32	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
33	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
34	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. <i>PhytoKeys</i> , 2012, 17, 41-62.	1.0	10
35	Sample-based estimation of diversity sensu stricto by transforming Hurlbert diversities into effective number of species. <i>Ecography</i> , 2012, 35, 661-672.	4.5	34
36	Development and characterization of microsatellite loci in <i>Pericopsis elata</i> (Fabaceae) using a cost-efficient approach. <i>American Journal of Botany</i> , 2011, 98, e268-70.	1.7	29

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37	Predicting alpha diversity of African rain forests: models based on climate and satellite-derived data do not perform better than a purely spatial model. <i>Journal of Biogeography</i> , 2011, 38, 1164-1176.	3.0	30
38	NOVITATES GABONENSES 80. ADDITIONS AND CORRECTIONS TO THE FLORA OF GABON. <i>Edinburgh Journal of Botany</i> , 2011, 68, 423-442.	0.4	9
39	Chloroplast DNA Polymorphism and Phylogeography of a Central African Tree Species Widespread in Mature Rainforests: <i>Greenwayodendron suaveolens</i> (Annonaceae). <i>Tropical Plant Biology</i> , 2010, 3, 4-13.	1.9	31
40	<i>Afrothismia gabonensis</i> sp. nov. (Burmanniaceae) from Gabon. <i>Nordic Journal of Botany</i> , 2007, 25, 268-271.	0.5	6