JÃ©rÃ´me Ã”me Duminil

List of Publications by Year
in descending order

47 papers	3,157 citations	331670 21 h-index	243625 44 g-index
49 all docs	49 docs citations	49 times ranked	4159 citing authors

#	Article	IF	Citations
1	A new subfamily classification of the Leguminosae based on a taxonomically comprehensive phylogeny: The Legume Phylogeny Working Group (LPWG). Taxon, 2017, 66, 44-77.	0.7	803
2	INVITED REVIEW: Comparative organization of chloroplast, mitochondrial and nuclear diversity in plant populations. Molecular Ecology, 2004, 14, 689-701.	3.9	790
3	Can Population Genetic Structure Be Predicted from Lifeâ€History Traits?. American Naturalist, 2007, 169, 662-672.	2.1	235
4	Plant traits correlated with generation time directly affect inbreeding depression and mating system and indirectly genetic structure. BMC Evolutionary Biology, 2009, 9, 177.	3.2	161
5	Plant species delimitation: A comparison of morphological and molecular markers. Plant Biosystems, 2009, 143, 528-542.	1.6	130
6	Comparative phylogeography of African rain forest trees: A review of genetic signatures of vegetation history in the Guineo-Congolian region. Comptes Rendus - Geoscience, 2013, 345, 284-296.	1.2	94
7	A set of 35 consensus primer pairs amplifying genes and introns of plant mitochondrial DNA. Molecular Ecology Notes, 2002, 2, 428-430.	1.7	83
8	How Effective Are DNA Barcodes in the Identification of African Rainforest Trees?. PLoS ONE, 2013, 8, e54921.	2.5	81
9	Forest and landscape restoration severely constrained by a lack of attention to the quantity and quality of tree seed: Insights from a global survey. Conservation Letters, 2018, 11, e12424.	5.7	71
10	Testing species delimitation in sympatric species complexes: The case of an African tropical tree, Carapa spp. (Meliaceae). Molecular Phylogenetics and Evolution, 2012, 62, 275-285.	2.7	68
11	Effects of life-history traits and species distribution on genetic structure at maternally inherited markers in European trees and shrubs. Journal of Biogeography, 2005, 32, 329-339.	3.0	67
12	Blind population genetics survey of tropical rainforest trees. Molecular Ecology, 2006, 15, 3505-3513.	3.9	63
13	Late Pleistocene molecular dating of past population fragmentation and demographic changes in African rain forest tree species supports the forest refuge hypothesis. Journal of Biogeography, 2015, 42, 1443-1454.	3.0	54
14	Relationships between population density, fine-scale genetic structure, mating system and pollen dispersal in a timber tree from African rainforests. Heredity, 2016, 116, 295-303.	2.6	39
15	CpDNA-based species identification and phylogeography: application to African tropical tree species. Molecular Ecology, 2010, 19, 5469-5483.	3.9	38
16	Large-scale pattern of genetic differentiation within African rainforest trees: insights on the roles of ecological gradients and past climate changes on the evolution of Erythrophleum spp (Fabaceae). BMC Evolutionary Biology, 2013, 13, 195.	3.2	38
17	Comparative Phylogeography in Rainforest Trees from Lower Guinea, Africa. PLoS ONE, 2014, 9, e84307.	2.5	36
18	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

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19	Evolution in African tropical trees displaying ploidy-habitat association: The genus Afzelia (Leguminosae). Molecular Phylogenetics and Evolution, 2017, 107, 270-281.	2.7	32
20	Chloroplast DNA Polymorphism and Phylogeography of a Central African Tree Species Widespread in Mature Rainforests: Greenwayodendron suaveolens (Annonaceae). Tropical Plant Biology, 2010, 3, 4-13.	1.9	31
21	Extensive seed and pollen dispersal and assortative mating in the rain forest tree <scp>E</scp>ntandrophragma cylindricum (Meliaceae) inferred from indirect and direct analyses. Molecular Ecology, 2017, 26, 5279-5291.	3.9	30
22	Utility of the Mitochondrial Genome in Plant Taxonomic Studies. Methods in Molecular Biology, 2021, 2222, 107-118.	0.9	19
23	Seed and pollen dispersal distances in two African legume timber trees and their reproductive potential under selective logging. Molecular Ecology, 2019, 28, 3119-3134.	3.9	18
24	Phylogenetic relationships in two African Cedreloideae tree genera (Meliaceae) reveal multiple rain/dry forest transitions. Perspectives in Plant Ecology, Evolution and Systematics, 2019, 37, 1-10.	2.7	13
25	Mitochondrial Genome and Plant Taxonomy. Methods in Molecular Biology, 2014, 1115, 121-140.	0.9	11
26	The African timber tree Entandrophragma congoense (Pierre ex De Wild.) A.Chev. is morphologically and genetically distinct from Entandrophragma angolense (Welw.) C.DC. Tree Genetics and Genomes, 2018, 14, 1.	1.6	11
27	Effect of the seeds provenance and treatment on the germination rate and plants growth of four forest trees species of CÃ´te dâ€™Ivoire. Journal of Forestry Research, 2021, 32, 161-169.	3.6	11
28	Trees and their seed networks: The social dynamics of urban fruit trees and implications for genetic diversity. PLoS ONE, 2021, 16, e0243017.	2.5	10
29	Isolation of SSR markers for two African tropical tree species, Erythrophleum suaveolens and E. ivorense (Caesalpinioideae). American Journal of Botany, 2011, 98, e106-8.	1.7	9
30	The Influence of Farmersâ€™ Strategies on Local Practices, Knowledge, and Varietal Diversity of the Safou Tree (Dacryodes edulis) in Western Cameroon. Economic Botany, 2019, 73, 249-264.	1.7	8
31	Fineâ€scale spatial genetic structure, mating, and gene dispersal patterns in Parkia biglobosa populations with different levels of habitat fragmentation. American Journal of Botany, 2020, 107, 1041-1053.	1.7	8
32	Ethnicity Differences in Uses and Management Practices of Bitter Kola Trees (Garcinia kola) in Cameroon. Economic Botany, 2020, 74, 429-444.	1.7	7
33	Multilevel Control of Organelle DNA Sequence Length in Plants. Journal of Molecular Evolution, 2008, 66, 405-415.	1.8	6
34	Population genomics of the widespread African savannah treesAfzelia africanaandAfzelia quanzensisreveals no significant past fragmentation of their distribution ranges. American Journal of Botany, 2020, 107, 498-509.	1.7	6
35	New microsatellite markers for Dacryodes edulis (Burseraceae), an indigenous fruit tree species from Central Africa. Molecular Biology Reports, 2020, 47, 2391-2396.	2.3	6
36	Ecological niche divergence associated with species and populations differentiation in Erythrophleum (Fabaceae, Caesalpinioideae). Plant Ecology and Evolution, 2019, 152, 41-52.	0.7	5

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37	Shifting perceptions, preferences and practices in the African fruit trade: the case of African plum (Dacryodes edulis) in different cultural and urbanization contexts in Cameroon. Journal of Ethnobiology and Ethnomedicine, 2021, 17, 65.	2.6	5
38	Microsatellite Development for the GenusGuibourtia(Fabaceae, Caesalpinioideae) Reveals Diploid and Polyploid Species. Applications in Plant Sciences, 2016, 4, 1600029.	2.1	4
39	Characterization of Microsatellite Markers in Two Exploited African Trees,Entandrophragma candolleiandE. utile(Meliaceae). Applications in Plant Sciences, 2017, 5, 1600130.	2.1	4
40	Characterization of new microsatellite loci isolated from Santiria trimera (Burseraceae). American Journal of Botany, 2012, 99, e334-6.	1.7	3
41	Microsatellite markers development for Indonesian nutmeg (Myristica fragrans Houtt.) and transferability to other Myristicaceae spp.. Molecular Biology Reports, 2020, 47, 4835-4840.	2.3	3
42	Influence of Different Environments on Germination Parameters and Seedling Morphology in <i>Khaya senegalensis</i> (Desr.) A. Juss (Meliaceae). American Journal of Plant Sciences, 2020, 11, 1579-1600.	0.8	3
43	Comparative analysis of two sister Erythrophleum species (Leguminosae) reveal contrasting transcriptome-wide responses to early drought stress. Gene, 2019, 694, 50-62.	2.2	2
44	Bopopia, a new monotypic genus of Gesneriaceae (Gesnerioideae, Coronanthereae) from New Caledonia. European Journal of Taxonomy, 0, 736, 82-101.	0.6	2
45	Allometric models for non-destructive estimation of dry biomass and leaf area in Khaya senegalensis (Desr.) A. Juss., 1830 (Meliaceae), Pterocarpus erinaceus Poir., 1804 (Fabaceae) and Parkia biglobosa, Jack, R. Br., 1830 (Fabaceae). Trees - Structure and Function, 0, , 1.	1.9	2
46	The Effect of Four Abiotic Factors on Macro-Anatomical Markers Development in <i>Parkia biglobosa</i>, Jack, R. Br., 1830 (Fabaceae) Crown. American Journal of Plant Sciences, 2021, 12, 645-661.	0.8	1
47	The Architectural Unit Setting up and Architectural Characteristics of Néré, <i>Parkia biglobosa</i>, Jack, R. Br. (Fabaceae). American Journal of Plant Sciences, 2022, 13, 109-136.	0.8	0