Lars W Chatrou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7243577/publications.pdf

Version: 2024-02-01

63 papers	3,279 citations	236925 25 h-index	155660 55 g-index
67 all docs	67 docs citations	67 times ranked	2919 citing authors

#	Article	IF	Citations
1	Molecular phylogenetics of Caryophyllales based on nuclear 18S rDNA and plastid rbcL, atpB, and matK DNA sequences. American Journal of Botany, 2002, 89, 132-144.	1.7	520
2	Angiosperm phylogeny based on <011>matK sequence information. American Journal of Botany, 2003, 90, 1758-1776.	1.7	437
3	A new subfamilial and tribal classification of the pantropical flowering plant family Annonaceae informed by molecular phylogenetics. Botanical Journal of the Linnean Society, 2012, 169, 5-40.	1.6	222
4	Early evolutionary history of the flowering plant family Annonaceae: steady diversification and boreotropical geodispersal. Journal of Biogeography, 2011, 38, 664-680.	3.0	184
5	Phylogenetic Analyses of Basal Angiosperms Based on Nine Plastid, Mitochondrial, and Nuclear Genes. International Journal of Plant Sciences, 2005, 166, 815-842.	1.3	162
6	Molecular phylogenetics reveal multiple tertiary vicariance origins of the African rain forest trees. BMC Biology, 2008, 6, 54.	3.8	151
7	Phylogenetic analysis of Magnoliales and Myristicaceae based on multiple data sets: implications for character evolution. Botanical Journal of the Linnean Society, 2003, 142, 125-186.	1.6	128
8	'Andean-centred' genera in the short-branch clade of Annonaceae: testing biogeographical hypotheses using phylogeny reconstruction and molecular dating. Journal of Biogeography, 2006, 33, 31-46.	3.0	123
9	Recently evolved diversity and convergent radiations of rainforest mahoganies (Meliaceae) shed new light on the origins of rainforest hyperdiversity. New Phytologist, 2015, 207, 327-339.	7.3	114
10	A rapid diversification of rainforest trees (Guatteria; Annonaceae) following dispersal from Central into South America. Molecular Phylogenetics and Evolution, 2007, 44, 399-411.	2.7	102
11	Identifying clades in Asian Annonaceae: monophyletic genera in the polyphyletic Miliuseae. American Journal of Botany, 2004, 91, 590-600.	1.7	73
12	Evolution of syncarpy and other morphological characters in African Annonaceae: A posterior mapping approach. Molecular Phylogenetics and Evolution, 2008, 47, 302-318.	2.7	65
13	Assessment of age and greenness of herbarium specimens as predictors for successful extraction and amplification of DNA. Blumea: Journal of Plant Taxonomy and Plant Geography, 2008, 53, 407-428.	0.2	61
14	Diversification of myco-heterotrophic angiosperms: evidence from Burmanniaceae. BMC Evolutionary Biology, 2008, 8, 178.	3.2	58
15	The historical origins of palaeotropical intercontinental disjunctions in the pantropical flowering plant family Annonaceae. Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 1-16.	2.7	58
16	Little ecological divergence associated with speciation in two African rain forest tree genera. BMC Evolutionary Biology, 2011, 11, 296.	3.2	54
17	Classification of a large and widespread genus of Neotropical trees, Guatteria (Annonaceae) and its three satellite genera Guatteriella, Guatteriopsis and Heteropetalum. Taxon, 2007, 56, 757-774.	0.7	49
18	Ancient paralogy in the cpDNA trnLâ€F region in Annonaceae: implications for plant molecular systematics. American Journal of Botany, 2007, 94, 1003-1016.	1.7	46

#	Article	IF	Citations
19	<p class="HeadingRunIn">Characterization of Hubera (Annonaceae), a new genus segregated from Polyalthia and allied to Miliusa</p>. Phytotaxa, 2015, 69, 33.	0.3	43
20	A plastid DNA phylogeny of tribe Miliuseae: Insights into relationships and character evolution in one of the most recalcitrant major clades of Annonaceae. American Journal of Botany, 2014, 101, 691-709.	1.7	42
21	Anatolian origins and diversification of Aethionema, the sister lineage of the core Brassicaceae. American Journal of Botany, 2017, 104, 1042-1054.	1.7	40
22	Flanking regions of monomorphic microsatellite loci provide a new source of data for plant species-level phylogenetics. Molecular Phylogenetics and Evolution, 2009, 53, 726-733.	2.7	36
23	Phylogenetics, ancestral state reconstruction, and a new infrafamilial classification of the pantropical Ochnaceae (Medusagynaceae, Ochnaceae s.str., Quiinaceae) based on five DNA regions. Molecular Phylogenetics and Evolution, 2014, 78, 199-214.	2.7	36
24	Radiations and key innovations in an early branching angiosperm lineage (Annonaceae; Magnoliales). Botanical Journal of the Linnean Society, 2012, 169, 117-134.	1.6	34
25	Cutting up the climbers: Evidence for extensive polyphyly in Friesodielsia (Annonaceae) necessitates generic realignment across the tribe Uvarieae. Taxon, 2017, 66, 3-19.	0.7	33
26	Which frugivoryâ€related traits facilitated historical longâ€distance dispersal in the custard apple family (Annonaceae)?. Journal of Biogeography, 2019, 46, 1874-1888.	3.0	28
27	The natural history of Annonaceae. Botanical Journal of the Linnean Society, 2012, 169, 1-4.	1.6	27
28	Large-scale phylogenetic analysis of Amorphophallus (Araceae) derived from nuclear and plastid sequences reveals new subgeneric delineation. Botanical Journal of the Linnean Society, 2017, 184, 32-45.	1.6	27
29	Huberantha, a replacement name for Hubera (Annonaceae: Malmeoideae: Miliuseae). Kew Bulletin, 2015, 70, 1.	0.9	21
30	Distribution of orbiculesÂin Annonaceae mirrors evolutionary trend in angiosperms. Plant Ecology and Evolution, 2010, 143, 199-211.	0.7	20
31	Studies in Annonaceae XXXVI. The Duguetia Alliance: Where the Ways Part. Annals of the Missouri Botanical Garden, 2000, 87, 234.	1.3	19
32	A plastid DNA phylogeny of Dasymaschalon (Annonaceae) and allied genera: Evidence for generic nonâ€“monophyly and the parallel evolutionary loss of inner petals. Taxon, 2012, 61, 545-558.	0.7	19
33	Chromosomeâ€level reference genome of the soursop (Annona muricata): A new resource for Magnoliid research and tropical pomology. Molecular Ecology Resources, 2021, 21, 1608-1619.	4.8	18
34	Revision of the African Genus Hexalobus (Annonaceae). Systematic Botany, 2011, 36, 33-48.	0.5	17
35	A linear sequence to facilitate curation of herbarium specimens of Annonaceae. Kew Bulletin, 2018, 73, 39.	0.9	17
36	Parallel diversifications of Cremastosperma and Mosannona (Annonaceae), tropical rainforest trees tracking Neogene upheaval of South America. Royal Society Open Science, 2018, 5, 171561.	2.4	15

#	Article	IF	Citations
37	Studies in Annonaceae XXXIII. A Revision of Fusaea (Baill.) Saff.. Brittonia, 1999, 51, 181.	0.2	13
38	Correlated evolutionary rates across genomic compartments in Annonaceae. Molecular Phylogenetics and Evolution, 2017, 114, 63-72.	2.7	13
39	A nonet of novel species of Monanthotaxis (Annonaceae) from around Africa. PhytoKeys, 2016, 69, 71-103.	1.0	13
40	THE ANNONACEAE AND THE ANNONACEAE PROJECT: A BRIEF OVERVIEW OF THE STATE OF AFFAIRS. Acta Horticulturae, 1999, , 43-58.	0.2	11
41	A new species of Monanthotaxis from Gabon with a unique inflorescence type for Annonaceae. Phytotaxa, 2014, 186, 106.	0.3	10
42	Insights into the Influence of Priors in Posterior Mapping of Discrete Morphological Characters: A Case Study in Annonaceae. PLoS ONE, 2010, 5, e10473.	2.5	9
43	(2029) Proposal to conserve the name Meiogyne against Fitzalania (Annonaceae). Taxon, 2011, 60, 1522-1523.	0.7	9
44	A decade of uncertainty: Resolving the phylogenetic position of Diclinanona (Annonaceae), including taxonomic notes and a key to the species. Taxon, 2014, 63, 1244-1252.	0.7	9
45	Extended molecular phylogenetics and revised systematics of Malagasy scincine lizards. Molecular Phylogenetics and Evolution, 2017, 107, 466-472.	2.7	9
46	The evolutionary history of the Caribbean magnolias (Magnoliaceae): Testing species delimitations and biogeographical hypotheses using molecular data. Molecular Phylogenetics and Evolution, 2022, 167, 107359.	2.7	9
47	Studies in Annonaceae. XXVIII. Macromorphological variation of recent invaders in northern Central America: the case of Malmea (Annonaceae). American Journal of Botany, 1997, 84, 861-869.	1.7	8
48	Seven Taxonomic Discoveries in Annonaceae from South-Eastern Central America. Blumea: Journal of Plant Taxonomy and Plant Geography, 2006, 51, 199-220.	0.2	8
49	Twelve new and exciting Annonaceae from the Neotropics. PhytoKeys, 2019, 126, 25-69.	1.0	8
50	(2786) Proposal to change the conserved type of Ipomoea, nom. cons. (Convolvulaceae). Taxon, 2020, 69, 1369-1371.	0.7	8
51	Three New Rarely Collected or Endangered Species of Annonaceae from Venezuela. Blumea: Journal of Plant Taxonomy and Plant Geography, 2005, 50, 33-40.	0.2	6
52	Taxonomic novelties in the genus Campylospermum (Ochnaceae). Blumea: Journal of Plant Taxonomy and Plant Geography, 2013, 58, 1-7.	0.2	6
53	Ephedranthus dimerus (Annonaceae), a new species from the Atlantic Forest of Brazil, with a key to the species of Ephedranthus. Brittonia, 2014, 66, 70-74.	0.2	6
54	Studies in Annonaceae XXXII. A Peculiar New Species of Malmea (Annonaceae) from Panama and Colombia. Novon, 1997, 7, 346.	0.3	4

#	Article	IF	Citations
55	Myristicineae, a new suborder within Magnoliales. Taxon, 2003, 52, 277-279.	0.7	4
56	Spatioâ€temporal dynamism of hotspots enhances plant diversity. Journal of Biogeography, 2009, 36, 1628-1629.	3.0	4
57	A taxonomic revision of the Neotropical genus Cremastosperma (Annonaceae), including five new species. PhytoKeys, 2018, 112, 1-141.	1.0	3
58	Floral evolution by simplification in Monanthotaxis (Annonaceae) and hypotheses for pollination system shifts. Scientific Reports, 2018, 8, 12066.	3.3	2
59	New combinations in Decalobanthus (Convolvulaceae). Kew Bulletin, 2020, 75, 1.	0.9	2
60	Palynological characterization of the Southeast Asian woody climbers Decalobanthus Ooststr. (Convolvulaceae). Grana, 2021, 60, 356-369.	0.8	1
61	Annonaceae substitution rates: a codon model perspective. Revista Brasileira De Fruticultura, 2014, 36, 108-117.	0.5	1
62	Xylopia annoniflora (Annonaceae): a new species from central Amazonia. Phytotaxa, 2017, 317, 130.	0.3	0
63	Phylogeny of Miliusa (Magnoliales: Annonaceae: Malmeoideae: Miliuseae), with descriptions of two new species from Malesia â€“ Corrigendum. European Journal of Taxonomy, 2013, , .	0.6	0