

# Olivier Maurin

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

3,313  
citations

257101

24  
h-index

223531

46  
g-index

49  
all docs

49  
docs citations

49  
times ranked

3422  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA barcoding the floras of biodiversity hotspots. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2923-2928.	3.3	749
2	A Universal Probe Set for Targeted Sequencing of 353 Nuclear Genes from Any Flowering Plant Designed Using k-Medoids Clustering. Systematic Biology, 2019, 68, 594-606.	2.7	371
3	Phylogenetic position and revised classification of <i>Acacia</i> s.l. (Fabaceae: Mimosoideae) in Africa, including new combinations in <i>Vachellia</i> and <i>Senegalia</i> . Botanical Journal of the Linnean Society, 2013, 172, 500-523.	0.8	218
4	Savanna fire and the origins of the "underground forests" of Africa. New Phytologist, 2014, 204, 201-214.	3.5	179
5	Spiny plants, mammal browsers, and the origin of African savannas. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5572-9.	3.3	132
6	The evolutionary history and biogeography of Mimosoideae (Leguminosae): An emphasis on African acacias. Molecular Phylogenetics and Evolution, 2010, 57, 495-508.	1.2	126
7	Factors Affecting Targeted Sequencing of 353 Nuclear Genes From Herbarium Specimens Spanning the Diversity of Angiosperms. Frontiers in Plant Science, 2019, 10, 1102.	1.7	124
8	Towards a Phylogeny for <i>Coffea</i> (Rubiaceae): Identifying Well-supported Lineages Based on Nuclear and Plastid DNA Sequences. Annals of Botany, 2007, 100, 1565-1583.	1.4	116
9	A Comprehensive Phylogenomic Platform for Exploring the Angiosperm Tree of Life. Systematic Biology, 2022, 71, 301-319.	2.7	107
10	Tackling Rapid Radiations With Targeted Sequencing. Frontiers in Plant Science, 2019, 10, 1655.	1.7	106
11	Hyb-Seq for Flowering Plant Systematics. Trends in Plant Science, 2019, 24, 887-891.	4.3	98
12	Phylogenetics, divergence times and diversification from three genomic partitions in monocots. Botanical Journal of the Linnean Society, 2015, 178, 375-393.	0.8	81
13	Searching for the relatives of <i>Coffea</i> (Rubiaceae, Ixoroideae): the circumscription and phylogeny of Coffeae based on plastid sequence data and morphology. American Journal of Botany, 2007, 94, 313-329.	0.8	71
14	A novel phylogenetic regionalization of phytogeographical zones of southern Africa reveals their hidden evolutionary affinities. Journal of Biogeography, 2016, 43, 155-166.	1.4	58
15	A Molecular Phylogeny and Generic Classification of Asphodelaceae subfamily Alooideae: A Final Resolution of the Prickly Issue of Polyphyly in the Aloooids?. Systematic Botany, 2014, 39, 55-74.	0.2	57
16	A nuclear phylogenomic study of the angiosperm order Myrtales, exploring the potential and limitations of the universal Angiosperms353 probe set. American Journal of Botany, 2021, 108, 1087-1111.	0.8	53
17	A new classification of Cyperaceae (Poales) supported by phylogenomic data. Journal of Systematics and Evolution, 2021, 59, 852-895.	1.6	46
18	Phylogenetic relationships of Combretaceae inferred from nuclear and plastid DNA sequence data: implications for generic classification. Botanical Journal of the Linnean Society, 2010, 162, 453-476.	0.8	45

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19	Revisiting Darwin's naturalization conundrum: explaining invasion success of non-native trees and shrubs in southern Africa. <i>Journal of Ecology</i> , 2015, 103, 871-879.	1.9	42
20	Molecular and morphological analysis of subfamily Alooideae (Asphodelaceae) and the inclusion of <i>Chortolirion</i> in <i>Aloe</i> . <i>Taxon</i> , 2013, 62, 62-76.	0.4	36
21	Joining forces in Ochnaceae phylogenomics: a tale of two targeted sequencing probe kits. <i>American Journal of Botany</i> , 2021, 108, 1201-1216.	0.8	36
22	Hundreds of nuclear and plastid loci yield novel insights into orchid relationships. <i>American Journal of Botany</i> , 2021, 108, 1166-1180.	0.8	35
23	Incorporating trnH-psbA to the core DNA barcodes improves significantly species discrimination within southern African Combretaceae. <i>ZooKeys</i> , 2013, 365, 129-147.	0.5	34
24	Settling a family feud: a high-level phylogenomic framework for the Gentianales based on 353 nuclear genes and partial plastomes. <i>American Journal of Botany</i> , 2021, 108, 1143-1165.	0.8	34
25	Phylogenetic systematics of <i>Erythronium</i> (Liliaceae): morphological and molecular analyses. <i>Botanical Journal of the Linnean Society</i> , 2012, 170, 504-528.	0.8	29
26	Metteniusaceae, an early-diverging family in the lamiid clade. <i>Taxon</i> , 2007, 56, 795-800.	0.4	27
27	Diversification into novel habitats in the Africa clade of Dioscorea (Dioscoreaceae): erect habit and elephant's foot tubers. <i>BMC Evolutionary Biology</i> , 2016, 16, 238.	3.2	26
28	<i>Gnidia</i> (Thymelaeaceae) is not monophyletic: taxonomic implications for Thymelaeoideae and a partial new generic taxonomy for <i>Gnidia</i> . <i>Botanical Journal of the Linnean Society</i> , 2009, 160, 402-417.	0.8	24
29	Evolving the structure: climatic and developmental constraints on the evolution of plant architecture. A case study in <i>Euphorbia</i> . <i>New Phytologist</i> , 2021, 231, 1278-1295.	3.5	22
30	A higher-level nuclear phylogenomic study of the carrot family (Apiaceae). <i>American Journal of Botany</i> , 2021, 108, 1252-1269.	0.8	22
31	An updated infrafamilial classification of Sapindaceae based on targeted enrichment data. <i>American Journal of Botany</i> , 2021, 108, 1234-1251.	0.8	20
32	Lineage-specific vs. universal: A comparison of the Compositae1061 and Angiosperms353 enrichment panels in the sunflower family. <i>Applications in Plant Sciences</i> , 2021, 9, .	0.8	19
33	A phylogenetic approach towards understanding the drivers of plant invasiveness on Robben Island, South Africa. <i>Botanical Journal of the Linnean Society</i> , 2013, 172, 142-152.	0.8	18
34	Molecular phylogenetics of tribe Poranthereae (Phyllanthaceae; Euphorbiaceae sensu lato). <i>American Journal of Botany</i> , 2007, 94, 2026-2040.	0.8	17
35	Phylogenetic position of Madagascan species of <i>A</i> <i>cacia</i> s.l. and new combinations in <i>S</i> <i>enegalia</i> and <i>V</i> <i>achellia</i> (Fabaceae, Mimosoideae, Acacieae). <i>Botanical Journal of the Linnean Society</i> , 2015, 179, 288-294.	0.8	17
36	Phylogenomics and biogeography of Cunoniaceae (Oxalidales) with complete generic sampling and taxonomic realignments. <i>American Journal of Botany</i> , 2021, 108, 1181-1200.	0.8	17

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37	A Bird's Eye View of the Systematics of Convolvulaceae: Novel Insights From Nuclear Genomic Data. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	15
38	The inclusion of <i>Anogeissus</i> , <i>Buchenavia</i> and <i>Pteleopsis</i> in <i>Terminalia</i> (Combretaceae: Terminaliinae). <i>Botanical Journal of the Linnean Society</i> , 2017, 184, 312-325.	0.8	14
39	Repeated parallel losses of inflexed stamens in Moraceae: Phylogenomics and generic revision of the tribe Moreae and the reinstatement of the tribe Olmedieae (Moraceae). <i>Taxon</i> , 2021, 70, 946-988.	0.4	12
40	Multiple routes underground? Frost alone cannot explain the evolution of underground trees. <i>New Phytologist</i> , 2016, 209, 910-912.	3.5	11
41	Combination of Sanger and target-enrichment markers supports revised generic delimitation in the problematic "Ureia clade" of the nettle family (Urticaceae). <i>Molecular Phylogenetics and Evolution</i> , 2021, 158, 107008.	1.2	11
42	DNA barcodes reveal microevolutionary signals in fire response trait in two legume genera. <i>AoB PLANTS</i> , 2015, 7, plv124.	1.2	8
43	<strong>From the frying pan: an unusual dwarf shrub from Namibia turns out to be a new brassicacean family</strong>. <i>Phytotaxa</i> , 2020, 439, 171-185.	0.1	7
44	African Continent a Likely Origin of Family Combretaceae (Myrtales). A Biogeographical View. <i>Annual Research &amp; Review in Biology</i> , 2015, 8, 1-20.	0.4	7
45	Phylogenetic Relationships Within the Hyper-Diverse Genus <i>Eugenia</i> (Myrtaceae: Myrteae) Based on Target Enrichment Sequencing. <i>Frontiers in Plant Science</i> , 2021, 12, 759460.	1.7	5
46	A revised delimitation of the species-rich genus <i>Pilea</i> (Urticaceae) supports the resurrection of <i>Achudemia</i> and a new infrageneric classification. <i>Taxon</i> , 2022, 71, 796-813.	0.4	5
47	<p><strong>New Combinations in Combretaceae</em> subtribe Combretinae</em> from Africa and Asia</strong></p>. <i>Phytotaxa</i> , 2020, 451, 231-237.	0.1	4