Michael J Moore

List of Publications by Year
in descending order

74 papers	7,236 citations	94433 37 h-index	79698 73 g-index
83 all docs	83 docs citations	83 times ranked	6384 citing authors

#	Article	IF	Citations
1	Target Enrichment and Extensive Population Sampling Help Untangle the Recent, Rapid Radiation of Oenothera Sect. Calylophus. Systematic Biology, 2023, 72, 249-263.	5.6	6
2	The Implications of Incongruence between Gene Tree and Species Tree Topologies for Divergence Time Estimation. Systematic Biology, 2022, 71, 1124-1146.	5.6	6
3	Disentangling Sources of Gene Tree Discordance in Phylogenomic Data Sets: Testing Ancient Hybridizations in Amaranthaceae s.l. Systematic Biology, 2021, 70, 219-235.	5.6	112
4	Plastome evolution and phylogenetic relationships among Malvaceae subfamilies. Gene, 2021, 765, 145103.	2.2	27
5	Phylogeography of a gypsum endemic plant across its entire distribution range in the western Mediterranean. American Journal of Botany, 2021, 108, 443-460.	1.7	3
6	A phylogenomic perspective on gene tree conflict and character evolution in Caprifoliaceae using target enrichment data, with Zabelioideae recognized as a new subfamily. Journal of Systematics and Evolution, 2021, 59, 897-914.	3.1	41
7	Phylogenetic patterns suggest frequent multiple origins of secondary metabolites across the seed-plant â€˜tree of lifeâ€™. National Science Review, 2021, 8, nwaa105.	9.5	22
8	Anatomical diversity and evolution of the anthocarp in Nyctaginaceae. Botanical Journal of the Linnean Society, 2021, 196, 21-52.	1.6	3
9	Plastid phylogenomic insights into the evolution of the Caprifoliaceae s.l. (Dipsacales). Molecular Phylogenetics and Evolution, 2020, 142, 106641.	2.7	52
10	Evolution of <scp>l</scp>â€<scp>DOPA</scp> 4,5â€dioxygenase activity allows for recurrent specialisation to betalain pigmentation in Caryophyllales. New Phytologist, 2020, 227, 914-929.	7.3	48
11	Plastome phylogenomic insights into the Sinoâ€Japanese biogeography of Diabelia (Caprifoliaceae). Journal of Systematics and Evolution, 2020, 58, 972-987.	3.1	18
12	High phylogeographic and genetic diversity ofTidestromia lanuginosasupports fullâ€glacial refugia for aridâ€adapted plants in southern and central Coahuila, Mexico. American Journal of Botany, 2020, 107, 1296-1308.	1.7	4
13	Gypsum and Plant Species: A Marvel of Cuatro CiÃ©negas and the Chihuahuan Desert. Cuatro Cienegas Basin: an Endangered Hyperdiverse Oasis, 2020, , 129-165.	0.4	18
14	Molecular and Morphological Evidence Reveals a New Species of Antiphytum (Echiochiloideae,) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.5	1
15	Genome Sequencing of the Endangered Kingdonia uniflora (Circaeasteraceae, Ranunculales) Reveals Potential Mechanisms of Evolutionary Specialization. IScience, 2020, 23, 101124.	4.1	23
16	Diversity, distribution, development, and evolution of medullary bundles in Nyctaginaceae. American Journal of Botany, 2020, 107, 707-725.	1.7	7
17	Exploration of Plastid Phylogenomic Conflict Yields New Insights into the Deep Relationships of Leguminosae. Systematic Biology, 2020, 69, 613-622.	5.6	131
18	Taxonomy and Phylogeny of Helenium scaposum (Asteraceae, Helenieae, Gaillardiinae).. Lundellia, 2020, 23, .	0.1	0

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19	Plastome phylogenomics of Saussurea (Asteraceae: Cardueae). BMC Plant Biology, 2019, 19, 290.	3.6	34
20	Assembly and comparative analyses of the mitochondrial genome of Castanospermum australe (Papilionoideae, Leguminosae). Australian Systematic Botany, 2019, 32, 484-494.	0.9	4
21	PGA: a software package for rapid, accurate, and flexible batch annotation of plastomes. Plant Methods, 2019, 15, 50.	4.3	660
22	Tropical Asian Origin, boreotropical migration and long-distance dispersal in Nettles (Urticeae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.7	24
23	Plastid phylogenomic insights into the evolution of Caryophyllales. Molecular Phylogenetics and Evolution, 2019, 134, 74-86.	2.7	101
24	Complete plastome sequences of two Neottia species and comparative analysis with other Neottieae species (Orchidaceae). Folia Geobotanica, 2019, 54, 257-266.	0.9	3
25	Evolution of Portulacineae Marked by Gene Tree Conflict and Gene Family Expansion Associated with Adaptation to Harsh Environments. Molecular Biology and Evolution, 2019, 36, 112-126.	8.9	55
26	Plastid phylogenomics resolves infrafamilial relationships of the Styracaceae and sheds light on the backbone relationships of the Ericales. Molecular Phylogenetics and Evolution, 2018, 121, 198-211.	2.7	42
27	Plastome characteristics of Cannabaceae. Plant Diversity, 2018, 40, 127-137.	3.7	31
28	Using and navigating the plant tree of life. American Journal of Botany, 2018, 105, 287-290.	1.7	17
29	Complete plastome sequencing from Toona (Meliaceae) and phylogenomic analyses within Sapindales. Applications in Plant Sciences, 2018, 6, e1040.	2.1	13
30	Improved transcriptome sampling pinpoints 26 ancient and more recent polyploidy events in Caryophyllales, including two allopolyploidy events. New Phytologist, 2018, 217, 855-870.	7.3	85
31	Disparity, diversity, and duplications in the Caryophyllales. New Phytologist, 2018, 217, 836-854.	7.3	51
32	A new and unusual endemic species from the Chihuahuan Desert, Mexico: Antiphytum geoffreyi (Boraginaceae, Echiochiloideae). Phytotaxa, 2018, 367, 275.	0.3	2
33	Plastome phylogenomics of the early-diverging eudicot family Berberidaceae. Molecular Phylogenetics and Evolution, 2018, 128, 203-211.	2.7	29
34	Phylogeography of Parasyncalathium souliei (Asteraceae) and Its Potential Application in Delimiting Phylogeoregions in the Qinghai-Tibet Plateau (QTP)-Hengduan Mountains (HDM) Hotspot. Frontiers in Genetics, 2018, 9, 171.	2.3	16
35	Complete plastome sequence of Erythropalum scandens (Erythropalaceae), an edible and medicinally important liana in China. Mitochondrial DNA Part B: Resources, 2018, 3, 139-140.	0.4	12
36	From cacti to carnivores: Improved phylotranscriptomic sampling and hierarchical homology inference provide further insight into the evolution of Caryophyllales. American Journal of Botany, 2018, 105, 446-462.	1.7	87

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37	An efficient field and laboratory workflow for plant phylotranscriptomic projects. Applications in Plant Sciences, 2017, 5, 1600128.	2.1	21
38	Phylogenetic study of the tribe Potentilleae (Rosaceae), with further insight into the disintegration of Sibbaldia. Journal of Systematics and Evolution, 2017, 55, 177-191.	3.1	25
39	Phylogenetic patterns of foliar mineral nutrient accumulation among gypsophiles and their relatives in the Chihuahuan Desert. American Journal of Botany, 2017, 104, 1442-1450.	1.7	17
40	Widespread paleopolyploidy, gene tree conflict, and recalcitrant relationships among the carnivorous Caryophyllales. American Journal of Botany, 2017, 104, 858-867.	1.7	62
41	The first complete plastome sequence of the basal asterid family Styracaceae (Ericales) reveals a large inversion. Plant Systematics and Evolution, 2017, 303, 61-70.	0.9	18
42	Development and Application of Transcriptome-Derived Microsatellites in Actinidia eriantha (Actinidiaceae). Frontiers in Plant Science, 2017, 8, 1383.	3.6	18
43	Complete plastome sequencing of both living species of Circaeasteraceae (Ranunculales) reveals unusual rearrangements and the loss of the ndh gene family. BMC Genomics, 2017, 18, 592.	2.8	51
44	Microsatellites for Oenothera gayleana and O. hartwegii subsp. filifolia (Onagraceae), and their utility in section Calylophus. Applications in Plant Sciences, 2016, 4, 1500107.	2.1	4
45	Phylogenomic and structural analyses of 18 complete plastomes across nearly all families of early-diverging eudicots, including an angiosperm-wide analysis of IR gene content evolution. Molecular Phylogenetics and Evolution, 2016, 96, 93-101.	2.7	92
46	Lineageâ€specific gene radiations underlie the evolution of novel betalain pigmentation in Caryophyllales. New Phytologist, 2015, 207, 1170-1180.	7.3	152
47	Seven New Complete Plastome Sequences Reveal Rampant Independent Loss of the ndh Gene Family across Orchids and Associated Instability of the Inverted Repeat/Small Single-Copy Region Boundaries. PLoS ONE, 2015, 10, e0142215.	2.5	131
48	Dissecting Molecular Evolution in the Highly Diverse Plant Clade Caryophyllales Using Transcriptome Sequencing. Molecular Biology and Evolution, 2015, 32, 2001-2014.	8.9	198
49	Analysis of phylogenomic datasets reveals conflict, concordance, and gene duplications with examples from animals and plants. BMC Evolutionary Biology, 2015, 15, 150.	3.2	350
50	A new species of Argentina (Rosaceae, Potentilleae) from Southeast Tibet, with reference to the taxonomic status of the genus. Plant Systematics and Evolution, 2015, 301, 911-921.	0.9	6
51	Phylogenetic signal detection from an ancient rapid radiation: Effects of noise reduction, long-branch attraction, and model selection in crown clade Apocynaceae. Molecular Phylogenetics and Evolution, 2014, 80, 169-185.	2.7	63
52	Another Look at the Root of the Angiosperms Reveals a Familiar Tale. Systematic Biology, 2014, 63, 368-382.	5.6	68
53	A Long PCRâ€“Based Approach for DNA Enrichment Prior to Next-Generation Sequencing for Systematic Studies. Applications in Plant Sciences, 2014, 2, 1300063.	2.1	42
54	Chloroplast phylogeography of the East Asian Arctoâ€Tertiary relict Tetracentron sinense (Trochodendraceae). Journal of Biogeography, 2014, 41, 1721-1732.	3.0	54

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55	A targeted enrichment strategy for massively parallel sequencing of angiosperm plastid genomes. Applications in Plant Sciences, 2013, 1, 1200497.	2.1	99
56	Complete Plastid Genome Sequencing of Trochodendraceae Reveals a Significant Expansion of the Inverted Repeat and Suggests a Paleogene Divergence between the Two Extant Species. PLoS ONE, 2013, 8, e60429.	2.5	48
57	Contemporaneous and recent radiations of the world's major succulent plant lineages. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8379-8384.	7.1	443
58	Angiosperm phylogeny: 17 genes, 640 taxa. American Journal of Botany, 2011, 98, 704-730.	1.7	590
59	Phylogenetic Analysis of the Plastid Inverted Repeat for 244 Species: Insights into Deeper-Level Angiosperm Relationships from a Long, Slowly Evolving Sequence Region. International Journal of Plant Sciences, 2011, 172, 541-558.	1.3	80
60	Phylogenetic analysis of 83 plastid genes further resolves the early diversification of eudicots. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4623-4628.	7.1	617
61	Assembling the Tree of the Monocotyledons: Plastome Sequence Phylogeny and Evolution of Poales¹. Annals of the Missouri Botanical Garden, 2010, 97, 584-616.	1.3	202
62	Assembling the Angiosperm Tree of Life: Progress and Future Prospects. Annals of the Missouri Botanical Garden, 2010, 97, 514-526.	1.3	25
63	Floral variation and floral genetics in basal angiosperms. American Journal of Botany, 2009, 96, 110-128.	1.7	68
64	Phylogenetic utility of ycf1 in orchids: a plastid gene more variable than matK. Plant Systematics and Evolution, 2009, 277, 75-84.	0.9	138
65	Phylogeny of the Caryophyllales Sensu Lato: Revisiting Hypotheses on Pollination Biology and Perianth Differentiation in the Core Caryophyllales. International Journal of Plant Sciences, 2009, 170, 627-643.	1.3	118
66	Rosid radiation and the rapid rise of angiosperm-dominated forests. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3853-3858.	7.1	382
67	Molecular Markers and Concepts of Plant Evolutionary Relationships: Progress, Promise, and Future Prospects. Critical Reviews in Plant Sciences, 2009, 28, 1-15.	5.7	23
68	Resolving an Ancient, Rapid Radiation in Saxifragales. Systematic Biology, 2008, 57, 38-57.	5.6	145
69	Origins and Biogeography of Gypsophily in the Chihuahuan Desert Plant Group <I>Tiquilia</I> subg. <I>Eddya</I> (Boraginaceae). Systematic Botany, 2007, 32, 392-414.	0.5	43
70	Using plastid genome-scale data to resolve enigmatic relationships among basal angiosperms. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19363-19368.	7.1	607
71	Molecular evidence for the age, origin, and evolutionary history of the American desert plant genus Tiquilia (Boraginaceae). Molecular Phylogenetics and Evolution, 2006, 39, 668-687.	2.7	92
72	Rapid and accurate pyrosequencing of angiosperm plastid genomes. BMC Plant Biology, 2006, 6, 17.	3.6	224

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73	Patterns of longâ€distance dispersal in Tiquilia subg. Tiquilia (Boraginaceae): implications for the origins of amphitropical disjuncts and GalÃ¡pagos Islands endemics. American Journal of Botany, 2006, 93, 1163-1177.	1.7	47
74	Chloroplast DNA evidence for the roles of island colonization and extinction in Tolpis (Asteraceae: Lactuceae). American Journal of Botany, 2002, 89, 518-526.	1.7	71