Steven Dodsworth

List of Publications by Year
in descending order

56 papers	2,785 citations	279798 23 h-index	206112 48 g-index
68 all docs	68 docs citations	68 times ranked	3049 citing authors

#	Article	IF	Citations
1	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.	5.6	371
2	Genome Size Diversity and Its Impact on the Evolution of Land Plants. Genes, 2018, 9, 88.	2.4	244
3	Genome skimming for next-generation biodiversity analysis. Trends in Plant Science, 2015, 20, 525-527.	8.8	209
4	Family-Level Sampling of Mitochondrial Genomes in Coleoptera: Compositional Heterogeneity and Phylogenetics. Genome Biology and Evolution, 2016, 8, 161-175.	2.5	157
5	Is post-polyploidization diploidization the key to the evolutionary success of angiosperms?. Botanical Journal of the Linnean Society, 2016, 180, 1-5.	1.6	154
6	Genomic Repeat Abundances Contain Phylogenetic Signal. Systematic Biology, 2015, 64, 112-126.	5.6	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.	3.6	124
8	A diverse and intricate signalling network regulates stem cell fate in the shoot apical meristem. Developmental Biology, 2009, 336, 1-9.	2.0	109
9	A Comprehensive Phylogenomic Platform for Exploring the Angiosperm Tree of Life. Systematic Biology, 2022, 71, 301-319.	5.6	107
10	Hyb-Seq for Flowering Plant Systematics. Trends in Plant Science, 2019, 24, 887-891.	8.8	98
11	Repeat-sequence turnover shifts fundamentally in species with large genomes. Nature Plants, 2020, 6, 1325-1329.	9.3	87
12	Genome size diversity in angiosperms and its influence on gene space. Current Opinion in Genetics and Development, 2015, 35, 73-78.	3.3	73
13	Time-calibrated phylogenetic trees establish a lag between polyploidisation and diversification in Nicotiana (Solanaceae). Plant Systematics and Evolution, 2017, 303, 1001-1012.	0.9	71
14	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.	1.7	53
15	Genome-wide repeat dynamics reflect phylogenetic distance in closely related allotetraploid Nicotiana (Solanaceae). Plant Systematics and Evolution, 2017, 303, 1013-1020.	0.9	50
16	The Origin and Diversification of the Hyperdiverse Flora in the ChocÃ³ Biogeographic Region. Frontiers in Plant Science, 2019, 10, 1328.	3.6	45
17	Characterization of <i>Linaria KNOX</i> genes suggests a role in petalâ€spur development. Plant Journal, 2011, 68, 703-714.	5.7	44
18	Using genomic repeats for phylogenomics: a case study in wild tomatoes (<i>Solanum</i>section<i>Lycopersicon</i>: Solanaceae). Biological Journal of the Linnean Society, 2016, 117, 96-105.	1.6	44

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19	The effect of polyploidy and hybridization on the evolution of floral colour in<i>Nicotiana</i>(Solanaceae). Annals of Botany, 2015, 115, 1117-1131.	2.9	41
20	A roadmap for global synthesis of the plant tree of life. American Journal of Botany, 2018, 105, 614-622.	1.7	38
21	Exploring Angiosperms353: An open, community toolkit for collaborative phylogenomic research on flowering plants. American Journal of Botany, 2021, 108, 1059-1065.	1.7	36
22	Phylogenomic discordance suggests polytomies along the backbone of the large genus <i>Solanum</i>. American Journal of Botany, 2022, 109, 580-601.	1.7	36
23	Reconstructing phylogenetic relationships based on repeat sequence similarities. Molecular Phylogenetics and Evolution, 2020, 147, 106766.	2.7	35
24	Hundreds of nuclear and plastid loci yield novel insights into orchid relationships. American Journal of Botany, 2021, 108, 1166-1180.	1.7	35
25	Mining threatens Colombian ecosystems. Science, 2018, 359, 1475-1475.	12.6	33
26	Plastid phylogenomics resolves ambiguous relationships within the orchid family and provides a solid timeframe for biogeography and macroevolution. Scientific Reports, 2021, 11, 6858.	3.3	30
27	Resolving relationships in an exceedingly young Neotropical orchid lineage using Genotyping-by-sequencing data. Molecular Phylogenetics and Evolution, 2020, 144, 106672.	2.7	23
28	Extensive plastid-nuclear discordance in a recent radiation of Nicotiana section Suaveolentes (Solanaceae). Botanical Journal of the Linnean Society, 2020, 193, 546-559.	1.6	19
29	Flower-specific KNOX phenotype in the orchid Dactylorhiza fuchsii. Journal of Experimental Botany, 2012, 63, 4811-4819.	4.8	18
30	UNEXPECTED DIVERSITY OF AUSTRALIAN TOBACCO SPECIES (<i>NICOTIANA</i> SECTION) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	0.3	18
31	Petal, Sepal, or Tepal? B-Genes and Monocot Flowers. Trends in Plant Science, 2017, 22, 8-10.	8.8	17
32	SPECIES DELIMITATION IN <scp><i>NICOTIANA</i></scp> SECT. <scp><i>SUAVEOLENTES</i></scp> (SOLANACEAE): RECIPROCAL ILLUMINATION LEADS TO RECOGNITION OF MANY NEW SPECIES. Curtis's Botanical Magazine, 2021, 38, 266-286.	0.3	17
33	Down, then up: non-parallel genome size changes and a descending chromosome series in a recent radiation of the Australian allotetraploid plant species, <i>Nicotiana</i> section <i>Suaveolentes</i> (Solanaceae). Annals of Botany, 2023, 131, 123-142.	2.9	16
34	Satellite DNA in Paphiopedilum subgenus Parvisepalum as revealed by high-throughput sequencing and fluorescent in situ hybridization. BMC Genomics, 2018, 19, 578.	2.8	15
35	On the origin of giant seeds: the macroevolution of the double coconut (<i>Lodoicea maldivica</i>) and its relatives (Borasseae, Arecaceae). New Phytologist, 2020, 228, 1134-1148.	7.3	15
36	Molecular Clocks and Archeogenomics of a Late Period Egyptian Date Palm Leaf Reveal Introgression from Wild Relatives and Add Timestamps on the Domestication. Molecular Biology and Evolution, 2021, 38, 4475-4492.	8.9	14

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37	Aiming off the target: recycling target capture sequencing reads for investigating repetitive DNA. Annals of Botany, 2021, 128, 835-848.	2.9	13
38	Exploring Angiosperms353: Developing and applying a universal toolkit for flowering plant phylogenomics. Applications in Plant Sciences, 2021, 9, .	2.1	13
39	Resolving species boundaries in a recent radiation with the Angiosperms353 probe set: the <i>Lomatium packardiae/L. anomalum</i> clade of the <i>L. triternatum</i> (Apiaceae) complex. American Journal of Botany, 2021, 108, 1217-1233.	1.7	12
40	Repeated parallel losses of inflexed stamens in Moraceae: Phylogenomics and generic revision of the tribe Moreae and the reinstatement of the tribe Olmedieae (Moraceae). Taxon, 2021, 70, 946-988.	0.7	12
41	Phylogenetic signal of genomic repeat abundances can be distorted by random homoplasy: a case study from hominid primates. Zoological Journal of the Linnean Society, 2019, 185, 543-554.	2.3	11
42	Combination of Sanger and target-enrichment markers supports revised generic delimitation in the problematic â€˜Urera cladeâ€™ of the nettle family (Urticaceae). Molecular Phylogenetics and Evolution, 2021, 158, 107008.	2.7	11
43	The ecology of palm genomes: repeatâ€associated genome size expansion is constrained by aridity. New Phytologist, 2022, 236, 433-446.	7.3	10
44	Genomic insights into recent species divergence in <i>Nicotiana benthamiana</i> and natural variation in <i>Rdr1</i> gene controlling viral susceptibility. Plant Journal, 2022, 111, 7-18.	5.7	9
45	Potential of Herbariomics for Studying Repetitive DNA in Angiosperms. Frontiers in Ecology and Evolution, 2018, 6, .	2.2	7
46	Repetitive DNA Restructuring Across Multiple Nicotiana Allopolyploidisation Events Shows a Lack of Strong Cytoplasmic Bias in Influencing Repeat Turnover. Genes, 2020, 11, 216.	2.4	6
47	Digests: Salamandersâ€™ slow slither into genomic gigantism*. Evolution; International Journal of Organic Evolution, 2016, 70, 2915-2916.	2.3	5
48	990. NICOTIANA INGULBA. Curtis's Botanical Magazine, 2021, 38, 309-318.	0.3	5
49	Digest: Drivers of coral diversification in a major marine biodiversity hotspot*. Evolution; International Journal of Organic Evolution, 2018, 72, 406-408.	2.3	4
50	Repetitive DNA Dynamics and Polyploidization in the Genus Nicotiana (Solanaceae). Compendium of Plant Genomes, 2020, , 85-99.	0.5	4
51	989. NICOTIANA WALPA. Curtis's Botanical Magazine, 2021, 38, 298-308.	0.3	3
52	Non-destructive genome skimming for aquatic copepods. Conservation Genetics Resources, 2020, 12, 515-520.	0.8	1
53	848. PLATYSTELE MISERA. Curtis's Botanical Magazine, 2016, 33, 294-302.	0.3	0
54	849. PLATYSTELE OVATILABIA. Curtis's Botanical Magazine, 2016, 33, 303-309.	0.3	0

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55	Digest: Linking coordinated shifts in plant resource allocation to a chromosomal inversion*. Evolution; International Journal of Organic Evolution, 2019, 73, 1318-1319.	2.3	0
56	Paraphyly of the genus Boehmeria (Urticaceae): a response to Liang et al. â€˜Relationships among Chinese Boehmeria species and the evolution of various cladeâ€™. Plant Systematics and Evolution, 2021, 307, 1.	0.9	0