Ting-Shuang Yi

List of Publications by Year
in descending order

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Version: 2024-02-01

77 papers	6,396 citations	136940 32 h-index	76898 74 g-index
79 all docs	79 docs citations	79 times ranked	5298 citing authors

#	Article	IF	Citations
1	GetOrganelle: a fast and versatile toolkit for accurate de novo assembly of organelle genomes. Genome Biology, 2020, 21, 241.	8.8	1,538
2	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
3	PGA: a software package for rapid, accurate, and flexible batch annotation of plastomes. Plant Methods, 2019, 15, 50.	4.3	660
4	Origin of angiosperms and the puzzle of the Jurassic gap. Nature Plants, 2019, 5, 461-470.	9.3	467
5	Diversification of Rosaceae since the Late Cretaceous based on plastid phylogenomics. New Phytologist, 2017, 214, 1355-1367.	7.3	278
6	Evolution of Rosaceae Fruit Types Based on Nuclear Phylogeny in the Context of Geological Times and Genome Duplication. Molecular Biology and Evolution, 2017, 34, msw242.	8.9	200
7	Exploration of Plastid Phylogenomic Conflict Yields New Insights into the Deep Relationships of Leguminosae. Systematic Biology, 2020, 69, 613-622.	5.6	131
8	Plastid phylogenomic insights into relationships of all flowering plant families. BMC Biology, 2021, 19, 232.	3.8	109
9	Plastid phylogenomic insights into the evolution of Caryophyllales. Molecular Phylogenetics and Evolution, 2019, 134, 74-86.	2.7	101
10	Molecular phylogeny of the nettle family (Urticaceae) inferred from multiple loci of three genomes and extensive generic sampling. Molecular Phylogenetics and Evolution, 2013, 69, 814-827.	2.7	99
11	Plastid Genome Evolution in the Early-Diverging Legume Subfamily Cercidoideae (Fabaceae). Frontiers in Plant Science, 2018, 9, 138.	3.6	97
12	Multi-gene analysis provides a well-supported phylogeny of Rosales. Molecular Phylogenetics and Evolution, 2011, 60, 21-28.	2.7	90
13	Nuclear phylotranscriptomics and phylogenomics support numerous polyploidization events and hypotheses for the evolution of rhizobial nitrogen-fixing symbiosis in Fabaceae. Molecular Plant, 2021, 14, 748-773.	8.3	86
14	Global legume diversity assessment: Concepts, key indicators, and strategies. Taxon, 2013, 62, 249-266.	0.7	85
15	Molecular phylogenetics and character evolution of Cannabaceae. Taxon, 2013, 62, 473-485.	0.7	85
16	Phylogenetic and biogeographic diversification of Rhus (Anacardiaceae) in the Northern Hemisphere. Molecular Phylogenetics and Evolution, 2004, 33, 861-879.	2.7	82
17	Complete Sequencing of Five Araliaceae Chloroplast Genomes and the Phylogenetic Implications. PLoS ONE, 2013, 8, e78568.	2.5	82
18	Phylogenetics and reticulate evolution in Pistacia (Anacardiaceae). American Journal of Botany, 2008, 95, 241-251.	1.7	70

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19	Chloroplast capture and intra- and inter-continental biogeographic diversification in the Asian â€“ New World disjunct plant genus Osmorhiza (Apiaceae). Molecular Phylogenetics and Evolution, 2015, 85, 10-21.	2.7	69
20	Gene duplications and phylogenomic conflict underlie major pulses of phenotypic evolution in gymnosperms. Nature Plants, 2021, 7, 1015-1025.	9.3	68
21	Plastome Phylogenetics: 30 Years of Inferences Into Plant Evolution. Advances in Botanical Research, 2018, , 293-313.	1.1	64
22	Genetic Diversity and Population Structure: Implications for Conservation of Wild Soybean (Glycine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 of Molecular Sciences, 2012, 13, 12608-12628.	4.1	60
23	Plastomes of Mimosoideae: structural and size variation, sequence divergence, and phylogenetic implication. Tree Genetics and Genomes, 2017, 13, 1.	1.6	56
24	Insights into the Existence of Isomeric Plastomes in Cupressoideae (Cupressaceae). Genome Biology and Evolution, 2017, 9, 1110-1119.	2.5	53
25	Chromosomal evolution in Araliaceae and close relatives. Taxon, 2004, 53, 987-1005.	0.7	51
26	Biogeographic history of Pistacia (Anacardiaceae), emphasizing the evolution of the Madrean-Tethyan and the eastern Asian-Tethyan disjunctions. Molecular Phylogenetics and Evolution, 2014, 77, 136-146.	2.7	51
27	Multiple measures could alleviate long-branch attraction in phylogenomic reconstruction of Cupressoideae (Cupressaceae). Scientific Reports, 2017, 7, 41005.	3.3	45
28	Testing and using complete plastomes and ribosomal DNA sequences as the next generation DNA barcodes in Panax (Araliaceae). Molecular Ecology Resources, 2019, 19, 1333-1345.	4.8	45
29	Genomic basis of high-altitude adaptation in Tibetan Prunus fruit trees. Current Biology, 2021, 31, 3848-3860.e8.	3.9	41
30	Plastome phylogenomics, biogeography, and clade diversification of Paris (Melanthiaceae). BMC Plant Biology, 2019, 19, 543.	3.6	40
31	Phylogenomic analyses of large-scale nuclear genes provide new insights into the evolutionary relationships within the rosids. Molecular Phylogenetics and Evolution, 2016, 105, 166-176.	2.7	38
32	Phylogenetic relationships, character evolution and biogeographic diversification of Pogostemon s.l. (Lamiaceae). Molecular Phylogenetics and Evolution, 2016, 98, 184-200.	2.7	38
33	Secondary Metabolites from Glycine soja and Their Growth Inhibitory Effect against Spodoptera litura. Journal of Agricultural and Food Chemistry, 2011, 59, 6004-6010.	5.2	37
34	Plastid phylogenomic analyses of Fagales reveal signatures of conflict and ancient chloroplast capture. Molecular Phylogenetics and Evolution, 2021, 163, 107232.	2.7	37
35	Evolution and biogeographic diversification of the witch-hazel genus (Hamamelis L., Hamamelidaceae) in the Northern Hemisphere. Molecular Phylogenetics and Evolution, 2010, 56, 675-689.	2.7	36
36	Phylogeny of <I>Rhus</I> (Anacardiaceae) Based on Sequences of Nuclear <I>Nia-i3</I> Intron and Chloroplast <I>trnC-trnD</I>. Systematic Botany, 2007, 32, 379-391.	0.5	33

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37	Plastome characteristics of Cannabaceae. Plant Diversity, 2018, 40, 127-137.	3.7	31
38	Plastome Reduction in the Only Parasitic Gymnosperm Parasitaxus Is Due to Losses of Photosynthesis but Not Housekeeping Genes and Apparently Involves the Secondary Gain of a Large Inverted Repeat. Genome Biology and Evolution, 2019, 11, 2789-2796.	2.5	31
39	Biogeographic disjunction between eastern Asia and North America in the Adiantum pedatum complex (Pteridaceae). American Journal of Botany, 2011, 98, 1680-1693.	1.7	30
40	Phylogeny of Nolana (Nolaneae, Solanoideae, Solanaceae) as inferred from granuleâ€bound starch synthase I (GBSSI) sequences. Taxon, 2007, 56, 1000-1011.	0.7	28
41	Untangling the hybrid origin of the Chinese tea roses: evidence from DNA sequences of single-copy nuclear and chloroplast genes. Plant Systematics and Evolution, 2011, 297, 157-170.	0.9	28
42	Environmental and Historical Determinants of Patterns of Genetic Differentiation in Wild Soybean (Glycine soja Sieb. et Zucc). Scientific Reports, 2016, 6, 22795.	3.3	22
43	The Loss of the Inverted Repeat in the Putranjivoid Clade of Malpighiales. Frontiers in Plant Science, 2020, 11, 942.	3.6	22
44	Plastome Structural Conservation and Evolution in the Clusioid Clade of Malpighiales. Scientific Reports, 2020, 10, 9091.	3.3	22
45	Phylogeography of an alpine plant Ligularia vellerea (Asteraceae) in the Hengduan Mountains. Journal of Systematics and Evolution, 2012, 50, 316-324.	3.1	21
46	Born migrators: Historical biogeography of the cosmopolitan family Cannabaceae. Journal of Systematics and Evolution, 2020, 58, 461-473.	3.1	21
47	New Insights Into the Plastome Evolution of the Millettioid/Phaseoloid Clade (Papilionoideae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.6	21
48	The complete chloroplast genomes of Adenolobus garipensis and Cercis glabra (Cercidoideae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	0.8	17
49	Plastid phylogenomic insights into the evolution of subfamily Dialioideae (Leguminosae). Plant Diversity, 2021, 43, 27-34.	3.7	16
50	Characterization of the complete chloroplast genome of Dalbergia odorifera (Leguminosae), a rare and critically endangered legume endemic to China. Conservation Genetics Resources, 2018, 10, 527-530.	0.8	14
51	Nuclear genetic variation of Rosa odorata var. gigantea (Rosaceae): population structure and conservation implications. Tree Genetics and Genomes, 2016, 12, 1.	1.6	13
52	Phylogeny and biogeography of the amphi-Pacific genus Aphananthe. PLoS ONE, 2017, 12, e0171405.	2.5	12
53	Development and characterization of microsatellite loci for Rosa odorata var. gigantea Rehder & E. H. Wilson (Rosaceae). Conservation Genetics, 2009, 10, 1973-1976.	1.5	10
54	Evolution of biogeographic disjunction between eastern Asia and North America in Chamaecyparis : Insights from ecological niche models. Plant Diversity, 2017, 39, 111-116.	3.7	10

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55	The population genetic structure and diversification of Aristolochia delavayi (Aristolochiaceae), an endangered species of the dry hot valleys of the Jinsha River, southwestern China. Botany, 2014, 92, 579-587.	1.0	9
56	Isolation and Characterization of 11 New Microsatellite Loci in Erigeron breviscapus (Asteraceae), an Important Chinese Traditional Herb. International Journal of Molecular Sciences, 2011, 12, 7265-7270.	4.1	8
57	Phylotranscriptomic analyses reveal multiple whole-genome duplication events, the history of diversification and adaptations in the Araceae. Annals of Botany, 2023, 131, 199-214.	2.9	7
58	A Cytological Study on three Species of Colocasia (Araceae) from Yunnan. Caryologia, 2003, 56, 323-327.	0.3	6
59	Chromosome variation in the genus Pinellia (Araceae) in China and Japan. Botanical Journal of the Linnean Society, 2005, 147, 449-455.	1.6	6
60	Nucleotide Sequence Diversity and Linkage Disequilibrium of Four Nuclear Loci in Foxtail Millet (Setaria italica). PLoS ONE, 2015, 10, e0137088.	2.5	6
61	The Relationships between Chemical and Genetic Differentiation and Environmental Factors across the Distribution of Erigeron breviscapus (Asteraceae). PLoS ONE, 2013, 8, e74490.	2.5	6
62	A Comparison of Classifications of Families of Chinese Vascular Plants among Flora Republicae Popularis Sinicaeï¼ŒFlora of China and the New Classifications. Plant Diversity and Resources, 2012, 34, 231.	0.2	6
63	The Implications of Incongruence between Gene Tree and Species Tree Topologies for Divergence Time Estimation. Systematic Biology, 2022, 71, 1124-1146.	5.6	6
64	Karyological studies of Erigeron breviscapus and related species. Caryologia, 2010, 63, 176-183.	0.3	5
65	Conservation genetics and population diversity of Erigeron breviscapus (Asteraceae), an important Chinese herb. Biochemical Systematics and Ecology, 2013, 49, 156-166.	1.3	5
66	The chloroplast genome of a rare and an endangered species Salweenia bouffordiana (Leguminosae) in China. Conservation Genetics Resources, 2018, 10, 405-407.	0.8	5
67	The Next-Generation Flora:iFlora. Plant Diversity and Resources, 2012, 34, 525.	0.2	5
68	Genome Skimming Contributes to Clarifying Species Limits in Paris Section Axiparis (Melanthiaceae). Frontiers in Plant Science, 2022, 13, 832034.	3.6	5
69	Lineage diversification and hybridization in the Cayratia japonicaâ€“Cayratia tenuifolia species complex. Molecular Phylogenetics and Evolution, 2014, 75, 227-238.	2.7	4
70	Assembly and comparative analyses of the mitochondrial genome of Castanospermum australe (Papilionoideae, Leguminosae). Australian Systematic Botany, 2019, 32, 484-494.	0.9	4
71	A Dated Phylogeny of the Pantropical Genus Dalbergia L.f. (Leguminosae: Papilionoideae) and Its Implications for Historical Biogeography. Agronomy, 2022, 12, 1612.	3.0	4
72	Pseudarthria panii (Fabaceae: Desmodieae), a new species from Asia, 120 years after its first collection. Phytotaxa, 2018, 367, 265.	0.3	1

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73	The complete plastome of Ctenolophon englerianus Mildbr. (Ctenolophonaceae). Mitochondrial DNA Part B: Resources, 2019, 4, 3379-3380.	0.4	1
74	The plastid genome of Klainedoxa gabonensis Pierre ex Engl. (Malpighiales). Mitochondrial DNA Part B: Resources, 2019, 4, 2541-2542.	0.4	1
75	The plastid genome of Pentadiplandra brazzeana Baillon (Pentadiplandraceae). Mitochondrial DNA Part B: Resources, 2019, 4, 4002-4003.	0.4	0
76	A Proposed Framework for iFlora. Plant Diversity and Resources, 2012, 34, 555.	0.2	0
77	Genetic Information and Technologies Related to iFlora. Plant Diversity and Resources, 2012, 34, 585.	0.2	0