

Ting-Shuang Yi

List of Publications by Year in descending order

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5746
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#	ARTICLE	IF	CITATIONS
1	Phylotranscriptomic analyses reveal multiple whole-genome duplication events, the history of diversification and adaptations in the Araceae. <i>Annals of Botany</i> , 2023, 131, 199-214.	1.4	7
2	The Implications of Incongruence between Gene Tree and Species Tree Topologies for Divergence Time Estimation. <i>Systematic Biology</i> , 2022, 71, 1124-1146.	2.7	6
3	Genome Skimming Contributes to Clarifying Species Limits in Paris Section <i>Axiparis</i> (Melanthiaceae). <i>Frontiers in Plant Science</i> , 2022, 13, 832034.	1.7	5
4	A Dated Phylogeny of the Pantropical Genus <i>Dalbergia</i> L.f. (Leguminosae: Papilionoideae) and Its Implications for Historical Biogeography. <i>Agronomy</i> , 2022, 12, 1612.	1.3	4
5	Plastid phylogenomic insights into the evolution of subfamily Dialioideae (Leguminosae). <i>Plant Diversity</i> , 2021, 43, 27-34.	1.8	16
6	Nuclear phylotranscriptomics and phylogenomics support numerous polyploidization events and hypotheses for the evolution of rhizobial nitrogen-fixing symbiosis in Fabaceae. <i>Molecular Plant</i> , 2021, 14, 748-773.	3.9	86
7	Gene duplications and phylogenomic conflict underlie major pulses of phenotypic evolution in gymnosperms. <i>Nature Plants</i> , 2021, 7, 1015-1025.	4.7	68
8	Genomic basis of high-altitude adaptation in Tibetan <i>Prunus</i> fruit trees. <i>Current Biology</i> , 2021, 31, 3848-3860.e8.	1.8	41
9	Plastid phylogenomic analyses of Fagales reveal signatures of conflict and ancient chloroplast capture. <i>Molecular Phylogenetics and Evolution</i> , 2021, 163, 107232.	1.2	37
10	Plastid phylogenomic insights into relationships of all flowering plant families. <i>BMC Biology</i> , 2021, 19, 232.	1.7	109
11	Born migrators: Historical biogeography of the cosmopolitan family Cannabaceae. <i>Journal of Systematics and Evolution</i> , 2020, 58, 461-473.	1.6	21
12	GetOrganelle: a fast and versatile toolkit for accurate de novo assembly of organelle genomes. <i>Genome Biology</i> , 2020, 21, 241.	3.8	1,538
13	New Insights Into the Plastome Evolution of the Millettoid/Phaseoloid Clade (Papilionoideae.) <i>Tj ETQq1 1 0.784314 rgtBT /Overlock 10</i>	1.7	21
14	The Loss of the Inverted Repeat in the Putranjivoid Clade of Malpighiales. <i>Frontiers in Plant Science</i> , 2020, 11, 942.	1.7	22
15	Plastome Structural Conservation and Evolution in the Clusioid Clade of Malpighiales. <i>Scientific Reports</i> , 2020, 10, 9091.	1.6	22
16	Exploration of Plastid Phylogenomic Conflict Yields New Insights into the Deep Relationships of Leguminosae. <i>Systematic Biology</i> , 2020, 69, 613-622.	2.7	131
17	The complete plastome of <i>Ctenolophon englerianus</i> Mildbr. (Ctenolophonaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 3379-3380.	0.2	1
18	The plastid genome of <i>Klainedoxa gabonensis</i> Pierre ex Engl. (Malpighiales). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2541-2542.	0.2	1

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19	Plastome Reduction in the Only Parasitic Gymnosperm <i>Parasitaxus</i> Is Due to Losses of Photosynthesis but Not Housekeeping Genes and Apparently Involves the Secondary Gain of a Large Inverted Repeat. <i>Genome Biology and Evolution</i> , 2019, 11, 2789-2796.	1.1	31
20	Assembly and comparative analyses of the mitochondrial genome of <i>Castanospermum australe</i> (Papilionoideae, Leguminosae). <i>Australian Systematic Botany</i> , 2019, 32, 484-494.	0.3	4
21	Testing and using complete plastomes and ribosomal DNA sequences as the next generation DNA barcodes in <i>Panax</i> (Araliaceae). <i>Molecular Ecology Resources</i> , 2019, 19, 1333-1345.	2.2	45
22	PGA: a software package for rapid, accurate, and flexible batch annotation of plastomes. <i>Plant Methods</i> , 2019, 15, 50.	1.9	660
23	Origin of angiosperms and the puzzle of the Jurassic gap. <i>Nature Plants</i> , 2019, 5, 461-470.	4.7	467
24	Plastid phylogenomic insights into the evolution of Caryophyllales. <i>Molecular Phylogenetics and Evolution</i> , 2019, 134, 74-86.	1.2	101
25	The plastid genome of <i>Pentadiplandra brazzeana</i> Baillon (Pentadiplandraceae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 4002-4003.	0.2	0
26	Plastome phylogenomics, biogeography, and clade diversification of Paris (Melanthiaceae). <i>BMC Plant Biology</i> , 2019, 19, 543.	1.6	40
27	Plastome Phylogenetics: 30 Years of Inferences Into Plant Evolution. <i>Advances in Botanical Research</i> , 2018, , 293-313.	0.5	64
28	Plastome characteristics of Cannabaceae. <i>Plant Diversity</i> , 2018, 40, 127-137.	1.8	31
29	The chloroplast genome of a rare and an endangered species <i>Salweenia bouffordiana</i> (Leguminosae) in China. <i>Conservation Genetics Resources</i> , 2018, 10, 405-407.	0.4	5
30	Characterization of the complete chloroplast genome of <i>Dalbergia odorifera</i> (Leguminosae), a rare and critically endangered legume endemic to China. <i>Conservation Genetics Resources</i> , 2018, 10, 527-530.	0.4	14
31	<i>Pseudarthria panii</i> (Fabaceae: Desmodieae), a new species from Asia, 120 years after its first collection. <i>Phytotaxa</i> , 2018, 367, 265.	0.1	1
32	Plastid Genome Evolution in the Early-Diverging Legume Subfamily Cercidoideae (Fabaceae). <i>Frontiers in Plant Science</i> , 2018, 9, 138.	1.7	97
33	Evolution of Rosaceae Fruit Types Based on Nuclear Phylogeny in the Context of Geological Times and Genome Duplication. <i>Molecular Biology and Evolution</i> , 2017, 34, msw242.	3.5	200
34	A new subfamily classification of the Leguminosae based on a taxonomically comprehensive phylogeny: The Legume Phylogeny Working Group (LPWG). <i>Taxon</i> , 2017, 66, 44-77.	0.4	803
35	Multiple measures could alleviate long-branch attraction in phylogenomic reconstruction of Cupressoideae (Cupressaceae). <i>Scientific Reports</i> , 2017, 7, 41005.	1.6	45
36	Plastomes of Mimosoideae: structural and size variation, sequence divergence, and phylogenetic implication. <i>Tree Genetics and Genomes</i> , 2017, 13, 1.	0.6	56

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37	Diversification of Rosaceae since the Late Cretaceous based on plastid phylogenomics. <i>New Phytologist</i> , 2017, 214, 1355-1367.	3.5	278
38	Evolution of biogeographic disjunction between eastern Asia and North America in <i>Chamaecyparis</i> : Insights from ecological niche models. <i>Plant Diversity</i> , 2017, 39, 111-116.	1.8	10
39	The complete chloroplast genomes of <i>Adenolobus garipensis</i> and <i>Cercis glabra</i> (Cercidoideae.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 1</i>	0.48	17
40	Insights into the Existence of Isomeric Plastomes in Cupressoideae (Cupressaceae). <i>Genome Biology and Evolution</i> , 2017, 9, 1110-1119.	1.1	53
41	Phylogeny and biogeography of the amphi-Pacific genus <i>Aphananthe</i> . <i>PLoS ONE</i> , 2017, 12, e0171405.	1.1	12
42	Environmental and Historical Determinants of Patterns of Genetic Differentiation in Wild Soybean (<i>Glycine soja</i> Sieb. et Zucc). <i>Scientific Reports</i> , 2016, 6, 22795.	1.6	22
43	Nuclear genetic variation of <i>Rosa odorata</i> var. <i>gigantea</i> (Rosaceae): population structure and conservation implications. <i>Tree Genetics and Genomes</i> , 2016, 12, 1.	0.6	13
44	Phylogenomic analyses of large-scale nuclear genes provide new insights into the evolutionary relationships within the rosids. <i>Molecular Phylogenetics and Evolution</i> , 2016, 105, 166-176.	1.2	38
45	Phylogenetic relationships, character evolution and biogeographic diversification of <i>Pogostemon</i> s.l. (Lamiaceae). <i>Molecular Phylogenetics and Evolution</i> , 2016, 98, 184-200.	1.2	38
46	Nucleotide Sequence Diversity and Linkage Disequilibrium of Four Nuclear Loci in Foxtail Millet (<i>Setaria italica</i>). <i>PLoS ONE</i> , 2015, 10, e0137088.	1.1	6
47	Chloroplast capture and intra- and inter-continental biogeographic diversification in the Asian "New World disjunct plant genus <i>Osmorhiza</i> (Apiaceae). <i>Molecular Phylogenetics and Evolution</i> , 2015, 85, 10-21.	1.2	69
48	The population genetic structure and diversification of <i>Aristolochia delavayi</i> (Aristolochiaceae), an endangered species of the dry hot valleys of the Jinsha River, southwestern China. <i>Botany</i> , 2014, 92, 579-587.	0.5	9
49	Lineage diversification and hybridization in the <i>Cayratia japonica</i> " <i>Cayratia tenuifolia</i> species complex. <i>Molecular Phylogenetics and Evolution</i> , 2014, 75, 227-238.	1.2	4
50	Biogeographic history of <i>Pistacia</i> (Anacardiaceae), emphasizing the evolution of the Madrean-Tethyan and the eastern Asian-Tethyan disjunctions. <i>Molecular Phylogenetics and Evolution</i> , 2014, 77, 136-146.	1.2	51
51	Molecular phylogeny of the nettle family (Urticaceae) inferred from multiple loci of three genomes and extensive generic sampling. <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 814-827.	1.2	99
52	Conservation genetics and population diversity of <i>Erigeron breviscapus</i> (Asteraceae), an important Chinese herb. <i>Biochemical Systematics and Ecology</i> , 2013, 49, 156-166.	0.6	5
53	Global legume diversity assessment: Concepts, key indicators, and strategies. <i>Taxon</i> , 2013, 62, 249-266.	0.4	85
54	Molecular phylogenetics and character evolution of Cannabaceae. <i>Taxon</i> , 2013, 62, 473-485.	0.4	85

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55	The Relationships between Chemical and Genetic Differentiation and Environmental Factors across the Distribution of <i>Erigeron breviscapus</i> (Asteraceae). <i>PLoS ONE</i> , 2013, 8, e74490.	1.1	6
56	Complete Sequencing of Five Araliaceae Chloroplast Genomes and the Phylogenetic Implications. <i>PLoS ONE</i> , 2013, 8, e78568.	1.1	82
57	Genetic Diversity and Population Structure: Implications for Conservation of Wild Soybean (<i>Glycine</i>) <i>Tj ETQq1 1 0.784314 rgBT /Over of Molecular Sciences</i> , 2012, 13, 12608-12628.	1.8	60
58	Phylogeography of an alpine plant <i>Ligularia vellerea</i> (Asteraceae) in the Hengduan Mountains. <i>Journal of Systematics and Evolution</i> , 2012, 50, 316-324.	1.6	21
59	A Comparison of Classifications of Families of Chinese Vascular Plants among <i>Flora Republicae Popularis Sinicae</i> and <i>Flora of China</i> and the New Classifications. <i>Plant Diversity and Resources</i> , 2012, 34, 231.	0.2	6
60	The Next-Generation Flora: <i>Flora</i> . <i>Plant Diversity and Resources</i> , 2012, 34, 525.	0.2	5
61	A Proposed Framework for <i>Flora</i> . <i>Plant Diversity and Resources</i> , 2012, 34, 555.	0.2	0
62	Genetic Information and Technologies Related to <i>Flora</i> . <i>Plant Diversity and Resources</i> , 2012, 34, 585.	0.2	0
63	Secondary Metabolites from <i>Glycine soja</i> and Their Growth Inhibitory Effect against <i>Spodoptera litura</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 6004-6010.	2.4	37
64	Untangling the hybrid origin of the Chinese tea roses: evidence from DNA sequences of single-copy nuclear and chloroplast genes. <i>Plant Systematics and Evolution</i> , 2011, 297, 157-170.	0.3	28
65	Multi-gene analysis provides a well-supported phylogeny of Rosales. <i>Molecular Phylogenetics and Evolution</i> , 2011, 60, 21-28.	1.2	90
66	Biogeographic disjunction between eastern Asia and North America in the <i>Adiantum pedatum</i> complex (Pteridaceae). <i>American Journal of Botany</i> , 2011, 98, 1680-1693.	0.8	30
67	Isolation and Characterization of 11 New Microsatellite Loci in <i>Erigeron breviscapus</i> (Asteraceae), an Important Chinese Traditional Herb. <i>International Journal of Molecular Sciences</i> , 2011, 12, 7265-7270.	1.8	8
68	Evolution and biogeographic diversification of the witch-hazel genus (<i>Hamamelis</i> L., Hamamelidaceae) in the Northern Hemisphere. <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 675-689.	1.2	36
69	Karyological studies of <i>Erigeron breviscapus</i> and related species. <i>Caryologia</i> , 2010, 63, 176-183.	0.2	5
70	Development and characterization of microsatellite loci for <i>Rosa odorata</i> var. <i>gigantea</i> Rehder & E. H. Wilson (Rosaceae). <i>Conservation Genetics</i> , 2009, 10, 1973-1976.	0.8	10
71	Phylogenetics and reticulate evolution in <i>Pistacia</i> (Anacardiaceae). <i>American Journal of Botany</i> , 2008, 95, 241-251.	0.8	70
72	Phylogeny of <i>Rhus</i> (Anacardiaceae) Based on Sequences of Nuclear <i>Nia-3</i> Intron and Chloroplast <i>trnD</i> . <i>Systematic Botany</i> , 2007, 32, 379-391.	0.2	33

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73	Phylogeny of <i>Nolana</i> (Nolaneae, Solanoideae, Solanaceae) as inferred from granule-bound starch synthase I (GBSSI) sequences. <i>Taxon</i> , 2007, 56, 1000-1011.	0.4	28
74	Chromosome variation in the genus <i>Pinellia</i> (Araceae) in China and Japan. <i>Botanical Journal of the Linnean Society</i> , 2005, 147, 449-455.	0.8	6
75	Phylogenetic and biogeographic diversification of <i>Rhus</i> (Anacardiaceae) in the Northern Hemisphere. <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 861-879.	1.2	82
76	Chromosomal evolution in Araliaceae and close relatives. <i>Taxon</i> , 2004, 53, 987-1005.	0.4	51
77	A Cytological Study on three Species of <i>Colocasia</i> (Araceae) from Yunnan. <i>Caryologia</i> , 2003, 56, 323-327.	0.2	6