

Deng-Feng Xie

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Comparative Analysis of the Chloroplast Genomes of the Chinese Endemic Genus <i>Urophysa</i> and Their Contribution to Chloroplast Phylogeny and Adaptive Evolution. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1847.	4.1	92
2	Phylogeny of Chinese <i>Allium</i> Species in Section <i>Daghestanica</i> and Adaptive Evolution of <i>Allium</i> (<i>Amaryllidaceae</i> , <i>Allioideae</i>) Species Revealed by the Chloroplast Complete Genome. <i>Frontiers in Plant Science</i> , 2019, 10, 460.	3.6	64
3	Insights into phylogeny, age and evolution of <i>Allium</i> (<i>Amaryllidaceae</i>) based on the whole plastome sequences. <i>Annals of Botany</i> , 2020, 125, 1039-1055.	2.9	49
4	Backbone phylogeny and evolution of <i>Apioideae</i> (<i>Apiaceae</i>): New insights from phylogenomic analyses of plastome data. <i>Molecular Phylogenetics and Evolution</i> , 2021, 161, 107183.	2.7	47
5	Plastomes of eight <i>Ligusticum</i> species: characterization, genome evolution, and phylogenetic relationships. <i>BMC Plant Biology</i> , 2020, 20, 519.	3.6	42
6	A transcriptome-based study on the phylogeny and evolution of the taxonomically controversial subfamily <i>Apioideae</i> (<i>Apiaceae</i>). <i>Annals of Botany</i> , 2020, 125, 937-953.	2.9	35
7	Comparative Chloroplast Genomics of <i>Fritillaria</i> (<i>Liliaceae</i>), Inferences for Phylogenetic Relationships between <i>Fritillaria</i> and <i>Lilium</i> and Plastome Evolution. <i>Plants</i> , 2020, 9, 133.	3.5	31
8	The effect of Hengduan Mountains Region (HMR) uplift to environmental changes in the HMR and its eastern adjacent area: Tracing the evolutionary history of <i>Allium</i> section <i>Sikkimensia</i> (<i>Amaryllidaceae</i>). <i>Molecular Phylogenetics and Evolution</i> , 2019, 130, 380-396.	2.7	28
9	Revisiting the evolutionary events in <i>Allium</i> subgenus <i>Cyathophora</i> (<i>Amaryllidaceae</i>): Insights into the effect of the Hengduan Mountains Region (HMR) uplift and Quaternary climatic fluctuations to the environmental changes in the Qinghai-Tibet Plateau. <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 802-813.	2.7	27
10	Comparative Analysis of the Complete Plastid Genome of Five <i>Bupleurum</i> Species and New Insights into DNA Barcoding and Phylogenetic Relationship. <i>Plants</i> , 2020, 9, 543.	3.5	26
11	Molecular phylogenetics and historical biogeography of the tribe <i>Lilieae</i> (<i>Liliaceae</i>): bi-directional dispersal between biodiversity hotspots in Eurasia. <i>Annals of Botany</i> , 2018, 122, 1245-1262.	2.9	23
12	Comparative Analysis of the Complete Chloroplast Genomes in <i>Allium</i> Subgenus <i>Cyathophora</i> (<i>Amaryllidaceae</i>): Phylogenetic Relationship and Adaptive Evolution. <i>BioMed Research International</i> , 2020, 2020, 1-17.	1.9	16
13	Phylogeography and genetic effects of habitat fragmentation on endemic <i>Urophysa</i> (<i>Ranunculaceae</i>) in Yungui Plateau and adjacent regions. <i>PLoS ONE</i> , 2017, 12, e0186378.	2.5	12
14	Phylogeny and highland adaptation of Chinese species in <i>Allium</i> section <i>Daghestanica</i> (<i>Amaryllidaceae</i>) revealed by transcriptome sequencing. <i>Molecular Phylogenetics and Evolution</i> , 2020, 146, 106737.	2.7	10
15	Phylogeny, Age, and Evolution of Tribe <i>Lilieae</i> (<i>Liliaceae</i>) Based on Whole Plastid Genomes. <i>Frontiers in Plant Science</i> , 2021, 12, 699226.	3.6	10
16	Adaptation Evolution and Phylogenetic Analyses of Species in Chinese <i>Allium</i> Section <i>Pallasia</i> and Related Species Based on Complete Chloroplast Genome Sequences. <i>BioMed Research International</i> , 2020, 2020, 1-13.	1.9	9
17	Characterization of the complete chloroplast genome of <i>Allium prattii</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 153-154.	0.4	8
18	Chloroplast genomic comparison of two sister species <i>Allium macranthum</i> and <i>A. fasciculatum</i> provides valuable insights into adaptive evolution. <i>Genes and Genomics</i> , 2020, 42, 507-517.	1.4	8

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19	Phylogeny and Comparative Analysis for the Plastid Genomes of Five Tulipa (Liliaceae). BioMed Research International, 2021, 2021, 1-10.	1.9	7
20	<i>Angelica oncosepala</i> and <i>Heracleum yunnanense</i> are synonyms and refer to a species of <i>Tetrataenium</i> (Apiaceae). Nordic Journal of Botany, 2018, 36, njb-01563.	0.5	6
21	<i>Pimpinella rhomboidea</i> var. <i>tenuiloba</i> is a synonym of <i>Melanosciadium bipinnatum</i> (Apiaceae). Nordic Journal of Botany, 2015, 33, 659-661.	0.5	5
22	The complete chloroplast genome of <i>Nomocharis pardanthina</i> . Mitochondrial DNA Part B: Resources, 2018, 3, 103-104.	0.4	5
23	<i>Allium xinlongense</i> (Amaryllidaceae, Alliioideae), a new species from western Sichuan. Phytotaxa, 2020, 432, 274-282.	0.3	5
24	Fragmented habitat drives significant genetic divergence in the Chinese endemic plant, <i>Urophysa henryi</i> (Ranunculaceae). Biochemical Systematics and Ecology, 2016, 69, 76-82.	1.3	4
25	The complete chloroplast genome of a wild onion species <i>Allium monanthum</i> (Alliaceae). Mitochondrial DNA Part B: Resources, 2019, 4, 854-855.	0.4	3
26	Characterization of the complete chloroplast genome of <i>Allium kingdonii</i> . Mitochondrial DNA Part B: Resources, 2019, 4, 868-869.	0.4	3
27	The complete chloroplast genome sequence of <i>Heracleum yungningense</i> . Mitochondrial DNA Part B: Resources, 2020, 5, 1783-1784.	0.4	2
28	A Combined Morphological and Molecular Evolutionary Analysis of Karst-Environment Adaptation for the Genus <i>Urophysa</i> (Ranunculaceae). Frontiers in Plant Science, 2021, 12, 667988.	3.6	2
29	<i>Notholirion campanulatum</i> is co-specific with <i>N. bulbiferum</i> (Liliaceae) based on morphology and molecular data. Phytotaxa, 2020, 471, 234-246.	0.3	2
30	Comparative Plastome Analysis of Three Amaryllidaceae Subfamilies: Insights into Variation of Genome Characteristics, Phylogeny, and Adaptive Evolution. BioMed Research International, 2022, 2022, 1-20.	1.9	2
31	The complete chloroplast genome of <i>Haplosphaera phaea</i> (Apiaceae). Mitochondrial DNA Part B: Resources, 2019, 4, 1969-1970.	0.4	1
32	<i>Spiraea fangii</i> (Rosaceae), a new species from Sichuan, China. Phytotaxa, 2016, 268, 155.	0.3	0
33	Characterization of the complete plastid genome sequence of <i>Allium Fasciculatum</i> . Mitochondrial DNA Part B: Resources, 2019, 4, 1782-1783.	0.4	0
34	Characterization of the complete chloroplast genome of <i>Taibaisanqi</i> (<i>Tongoloa silaifolia</i>). Mitochondrial DNA Part B: Resources, 2019, 4, 2912-2913.	0.4	0