Miao Sun

List of Publications by Year
in descending order

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27 papers	1,393 citations	566801 15 h-index	525886 27 g-index
31 all docs	31 docs citations	31 times ranked	2130 citing authors

#	Article	IF	Citations
1	Evolutionary history of the angiosperm flora of China. Nature, 2018, 554, 234-238.	13.7	321
2	The report of my death was an exaggeration: A review for researchers using microsatellites in the 21st century. Applications in Plant Sciences, 2016, 4, 1600025.	0.8	155
3	Deep phylogenetic incongruence in the angiosperm clade Rosidae. Molecular Phylogenetics and Evolution, 2015, 83, 156-166.	1.2	125
4	Phylogeny of the Rosidae: A dense taxon sampling analysis. Journal of Systematics and Evolution, 2016, 54, 363-391.	1.6	118
5	Tree of life for the genera of Chinese vascular plants. Journal of Systematics and Evolution, 2016, 54, 277-306.	1.6	88
6	For common community phylogenetic analyses, go ahead and use synthesis phylogenies. Ecology, 2019, 100, e02788.	1.5	80
7	Phylogenetic imprint of woody plants on the soil mycobiome in natural mountain forests of eastern China. ISME Journal, 2019, 13, 686-697.	4.4	76
8	The evolutionary origins of the cat attractant nepetalactone in catnip. Science Advances, 2020, 6, eaba0721.	4.7	70
9	Germplasm resources and genetic breeding of Paeonia: a systematic review. Horticulture Research, 2020, 7, 107.	2.9	55
10	Phylogeny and divergence time estimation of the walnut family (Juglandaceae) based on nuclear RAD-Seq and chloroplast genome data. Molecular Phylogenetics and Evolution, 2020, 147, 106802.	1.2	45
11	Recent accelerated diversification in rosids occurred outside the tropics. Nature Communications, 2020, 11, 3333.	5.8	43
12	Capturing singleâ€copy nuclear genes, organellar genomes, and nuclear ribosomal DNA from deep genome skimming data for plant phylogenetics: A case study in Vitaceae. Journal of Systematics and Evolution, 2021, 59, 1124-1138.	1.6	43
13	Challenges of comprehensive taxon sampling in comparative biology: Wrestling with rosids. American Journal of Botany, 2018, 105, 433-445.	0.8	33
14	A new resource for the development of SSR markers: Millions of loci from a thousand plant transcriptomes. Applications in Plant Sciences, 2016, 4, 1600024.	0.8	29
15	A revision of Elaeagnus L. (Elaeagnaceae) in mainland China. Journal of Systematics and Evolution, 2010, 48, 356-390.	1.6	23
16	Estimating rates and patterns of diversification with incomplete sampling: a case study in the rosids. American Journal of Botany, 2020, 107, 895-909.	0.8	17
17	Unveiling the Identity of Wenwan Walnuts and Phylogenetic Relationships of Asian Juglans Species Using Restriction Site-Associated DNA-Sequencing. Frontiers in Plant Science, 2017, 8, 1708.	1.7	15
18	The Darwinian shortfall in plants: phylogenetic knowledge is driven by range size. Ecography, 2022, 2022, .	2.1	13

#	Article	IF	Citations
19	Global versus Chinese perspectives on the phylogeny of the Nâ€fixing clade. Journal of Systematics and Evolution, 2016, 54, 392-399.	1.6	7
20	Biogeographical patterns and speciation of the genus Pinguicula (Lentibulariaceae) inferred by phylogenetic analyses. PLoS ONE, 2021, 16, e0252581.	1.1	6
21	The Implications of Incongruence between Gene Tree and Species Tree Topologies for Divergence Time Estimation. Systematic Biology, 2022, 71, 1124-1146.	2.7	6
22	Identification of nuclear low-copy genes and their phylogenetic utility in rosids. Genome, 2014, 57, 547-554.	0.9	5
23	Noise does not equal bias in assessing the evolutionary history of the angiosperm flora of China: A response to Qian (2019). Journal of Biogeography, 2020, 47, 2286-2291.	1.4	4
24	Tree of life and its applications. Biodiversity Science, 2014, 22, 3.	0.2	3
25	Validation of eight names of Chinese taxa in Ranunculaceae, Rosaceae and Scrophulariaceae. Kew Bulletin, 2009, 64, 573-575.	0.4	1
26	Relative Importance of Ecological, Evolutionary and Anthropogenic Pressures on Extinction Risk in Chinese Angiosperm Genera. Frontiers in Ecology and Evolution, 2022, 10, .	1.1	1
27	Moving from modern toward post-modern science: comment on â€œAn integrated assessment of the vascular plants of the Americasâ€• Phytotaxa, 2018, 351, 96.	0.1	0