

# Yuan Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9215046/publications.pdf>

Version: 2024-02-01

27  
papers

1,765  
citations

567281

15  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2044  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Tea Tree Genome Provides Insights into Tea Flavor and Independent Evolution of Caffeine Biosynthesis. <i>Molecular Plant</i> , 2017, 10, 866-877.	8.3	563
2	Thirteen Camelliachloroplast genome sequences determined by high-throughput sequencing: genome structure and phylogenetic relationships. <i>BMC Evolutionary Biology</i> , 2014, 14, 151.	3.2	336
3	Rapid diversification of five <i>Oryza</i> AA genomes associated with rice adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4954-62.	7.1	145
4	Autotetraploid rice methylome analysis reveals methylation variation of transposable elements and their effects on gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E7022-9.	7.1	137
5	The Medicinal Herb <i>Panax notoginseng</i> Genome Provides Insights into Ginsenoside Biosynthesis and Genome Evolution. <i>Molecular Plant</i> , 2017, 10, 903-907.	8.3	95
6	The Chromosome-Based Rubber Tree Genome Provides New Insights into Spurge Genome Evolution and Rubber Biosynthesis. <i>Molecular Plant</i> , 2020, 13, 336-350.	8.3	73
7	Evolution of <i>Oryza</i> chloroplast genomes promoted adaptation to diverse ecological habitats. <i>Communications Biology</i> , 2019, 2, 278.	4.4	62
8	Contradiction between Plastid Gene Transcription and Function Due to Complex Posttranscriptional Splicing: An Exemplary Study of <i>ycf15</i> Function and Evolution in Angiosperms. <i>PLoS ONE</i> , 2013, 8, e59620.	2.5	55
9	The chromosome-level reference genome assembly for <i>Panax notoginseng</i> and insights into ginsenoside biosynthesis. <i>Plant Communications</i> , 2021, 2, 100113.	7.7	54
10	Darwinian Positive Selection on the Pleiotropic Effects of <i>KITLG</i> Explain Skin Pigmentation and Winter Temperature Adaptation in Eurasians. <i>Molecular Biology and Evolution</i> , 2018, 35, 2272-2283.	8.9	27
11	Myo-inositol mediates reactive oxygen species-induced programmed cell death via salicylic acid-dependent and ethylene-dependent pathways in apple. <i>Horticulture Research</i> , 2020, 7, 138.	6.3	23
12	The Complete Plastid Genome Sequence of the Wild Rice <i>Zizania latifolia</i> and Comparative Chloroplast Genomics of the Rice Tribe <i>Oryzeae</i> , <i>Poaceae</i> . <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	22
13	Overexpression of <i>MdMIPS1</i> enhances salt tolerance by improving osmosis, ion balance, and antioxidant activity in transgenic apple. <i>Plant Science</i> , 2020, 301, 110654.	3.6	20
14	SMRT sequencing of the <i>Oryza rufipogon</i> genome reveals the genomic basis of rice adaptation. <i>Communications Biology</i> , 2020, 3, 167.	4.4	20
15	The complete chloroplast genome of North American ginseng, <i>Panax quinquefolius</i> . <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3496-3497.	0.7	19
16	The complete plastid genome sequence of <i>Panax notoginseng</i> , a famous traditional Chinese medicinal plant of the family <i>Araliaceae</i> . <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3438-3439.	0.7	15
17	Exogenous dopamine and overexpression of the dopamine synthase gene <i>MdTYDC</i> alleviated apple replant disease. <i>Tree Physiology</i> , 2021, 41, 1524-1541.	3.1	15
18	Improved hybrid <i>de novo</i> genome assembly and annotation of African wild rice, <i>Oryza longistaminata</i> , from Illumina and PacBio sequencing reads. <i>Plant Genome</i> , 2020, 13, e20001.	2.8	15

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19	Overexpression of <i>MdASMT9</i> , an <i>N</i> -acetylserotonin methyltransferase gene, increases melatonin biosynthesis and improves water-use efficiency in transgenic apple. <i>Tree Physiology</i> , 2022, 42, 1114-1126.	3.1	13
20	MdINT1 enhances apple salinity tolerance by regulating the antioxidant system, homeostasis of ions, and osmosis. <i>Plant Physiology and Biochemistry</i> , 2020, 154, 689-698.	5.8	9
21	Draft genomes of two outcrossing wild rice, <i>Oryza rufipogon</i> and <i>O. longistaminata</i> , reveal genomic features associated with mating system evolution. <i>Plant Direct</i> , 2020, 4, e00232.	1.9	9
22	Cytological and RAPD data revealed genetic relationships among nine selected populations of the wild bramble species, <i>Rubus parvifolius</i> and <i>R. coreanus</i> (Rosaceae). <i>Genetic Resources and Crop Evolution</i> , 2010, 57, 431-441.	1.6	8
23	Karyotypic, palynological, and RAPD study on 12 taxa from two subsections of section <i>Idaeobatus</i> in <i>Rubus</i> and taxonomic treatment of <i>R. ellipticus</i> , <i>R. pinfaensis</i> , and <i>R. ellipticus</i> var. <i>obcordatus</i> . <i>Plant Systematics and Evolution</i> , 2009, 283, 9-18.	0.9	6
24	The complete chloroplast genome sequence of <i>Phyllostachys heterocycla</i> , a fast-growing non-timber bamboo (Poaceae: Bambusoideae). <i>Conservation Genetics Resources</i> , 2017, 9, 217-219.	0.8	3
25	The complete chloroplast genome of the endangered wild <i>Musa itinerans</i> (Zingiberales: Musaceae). <i>Conservation Genetics Resources</i> , 2017, 9, 667-669.	0.8	3
26	The complete chloroplast genome sequence of <i>Camellias</i> ( <i>Camellia fangchengensis</i> ). <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 34-35.	0.4	3
27	The complete chloroplast genome sequence of endangered <i>camellias</i> ( <i>Camellia pubifuracea</i> ). <i>Conservation Genetics Resources</i> , 2018, 10, 843-845.	0.8	3