Jinhui Chen

List of Publications by Citations

64 papers	797 citations	17 h-index	26 g-index
72 ext. papers	1,241 ext. citations	4.3 avg, IF	4.11 L-index

#	Paper	IF	Citations
64	Liriodendron genome sheds light on angiosperm phylogeny and species-pair differentiation. *Nature Plants*, **2019**, 5, 18-25	11.5	77
63	: drawing SVG graphics to visualize and map genome-wide data on the idiograms. *PeerJ Computer Science*, **2020**, 6, e251	2.7	73
62	The complete chloroplast genome sequence of the relict woody plant Metasequoia glyptostroboides Hu et Cheng. *Frontiers in Plant Science*, **2015**, 6, 447	6.2	61
61	Deep sequencing and microarray hybridization identify conserved and species-specific microRNAs during somatic embryogenesis in hybrid yellow poplar. *PLoS ONE*, **2012**, 7, e43451	3.7	52
60	Quantitative proteomics analysis reveals that S-nitrosoglutathione reductase (GSNOR) and nitric oxide signaling enhance poplar defense against chilling stress. *Planta*, **2015**, 242, 1361-90	4.7	49
59	Comparative physiological and proteomic analyses of poplar (Populus yunnanensis) plantlets exposed to high temperature and drought. *PLoS ONE*, **2014**, 9, e107605	3.7	38
58	Physiological and proteomic analyses of leaves from the halophyte Tangut Nitraria reveals diverse response pathways critical for high salinity tolerance. *Frontiers in Plant Science*, **2015**, 6, 30	6.2	36
57	Hydrogen sulfide enhances poplar tolerance to high-temperature stress by increasing S-nitrosoglutathione reductase (GSNOR) activity and reducing reactive oxygen/nitrogen damage. *Plant Growth Regulation*, **2018**, 84, 11-23	3.2	32
56	Floral Nectary Morphology and Proteomic Analysis of Nectar of Liriodendron tulipifera Linn. *Frontiers in Plant Science*, **2016**, 7, 826	6.2	25
55	Desiccation Treatment and Endogenous IAA Levels Are Key Factors Influencing High Frequency Somatic Embryogenesis in (Lamb.) Hook. *Frontiers in Plant Science*, **2017**, 8, 2054	6.2	24
54	Salinity-induced changes in protein expression in the halophytic plant Nitraria sphaerocarpa. *Journal of Proteomics*, **2012**, 75, 5226-43	3.9	22
53	Transcriptome analysis and metabolic profiling reveal the key role of carotenoids in the petal coloration of. *Horticulture Research*, **2020**, 7, 70	7.7	20
52	Transcriptome characteristics and six alternative expressed genes positively correlated with the phase transition of annual cambial activities in Chinese Fir (Cunninghamia lanceolata (Lamb.) Hook). *PLoS ONE*, **2013**, 8, e71562	3.7	18
51	Establishment of transient gene expression systems in protoplasts from Liriodendron hybrid mesophyll cells. *PLoS ONE*, **2017**, 12, e0172475	3.7	18
50	The Complete Chloroplast Genome Sequence of a Relict Conifer Glyptostrobus pensilis: Comparative Analysis and Insights into Dynamics of Chloroplast Genome Rearrangement in Cupressophytes and Pinaceae. *PLoS ONE*, **2016**, 11, e0161809	3.7	18
49	Expansion and Functional Divergence of AP2 Group Genes in Spermatophytes Determined by Molecular Evolution and Mutant Analysis. *Frontiers in Plant Science*, **2016**, 7, 1383	6.2	18
48	Highly efficient uptake of ultrafine mesoporous silica nanoparticles with excellent biocompatibility by Liriodendron hybrid suspension cells. *Science China Life Sciences*, **2013**, 56, 82-9	8.5	17

47	Comparative Analysis of the Chloroplast Genomic Information of Cunninghamia lanceolata (Lamb.) Hook with Sibling Species from the Genera Cryptomeria D. Don, Taiwania Hayata, and Calocedrus Kurz. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	15
46	Carbon Monoxide Potentiates High Temperature-Induced Nicotine Biosynthesis in Tobacco. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	15
45	The Role of DNA Methylation in Xylogenesis in Different Tissues of Poplar. *Frontiers in Plant Science* , **2016**, 7, 1003	6.2	13
44	Discovery and experimental analysis of microsatellites in an oil woody plant Camellia chekiangoleosa. *Plant Systematics and Evolution*, **2013**, 299, 1387-1393	1.3	11
43	The role of Ɣ-aminobutyric acid in aluminum stress tolerance in a woody plant, Liriodendron chinense × tulipifera. *Horticulture Research*, **2021**, 8, 80	7.7	11
42	: A Calcineurin B-Like Protein-Interacting Protein Kinase From the Halophyte , Enhances Arabidopsis Salt Tolerance. *Frontiers in Plant Science*, **2020**, 11, 1112	6.2	10
41	Phylogenetic studies and comparative chloroplast genome analyses elucidate the basal position of halophyte Nitraria sibirica (Nitrariaceae) in the Sapindales. *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2018**, 29, 745-755	1.3	9
40	Genetic Diversity and Differentiation of Relict Plant Liriodendron Populations Based on 29 Novel EST-SSR Markers. *Forests*, **2019**, 10, 334	2.8	7
39	Characterization of the Gene Family and Its Role in Abiotic Stress Response. *Frontiers in Plant Science*, **2021**, 12, 641280	6.2	7
38	Peptide Hormone Genes Promote Primary Root Growth and Adventitious Root Formation. *Plants*, **2019**, 8,	4.5	7
37	The investigation of inhibiting quorum sensing and methicillin-resistant Staphylococcus aureus biofilm formation from Liriodendron hybrid. *Pakistan Journal of Pharmaceutical Sciences*, **2015**, 28, 903-8	0.4	7
36	Complete Chloroplast Genome of Fokienia hodginsii (Dunn) Henry et Thomas: Insights into Repeat Regions Variation and Phylogenetic Relationships in Cupressophyta. *Forests*, **2019**, 10, 528	2.8	5
35	Phylogeny and molecular evolution analysis of PIN-FORMED 1 in angiosperm. *PLoS ONE*, **2014**, 9, e89289	3.7	5
34	Genome-wide identification of the Liriodendron chinense WRKY gene family and its diverse roles in response to multiple abiotic stress.. *BMC Plant Biology*, **2022**, 22, 25	5.3	5
33	CIPK11: a calcineurin B-like protein-interacting protein kinase from Nitraria tangutorum, confers tolerance to salt and drought in Arabidopsis. *BMC Plant Biology*, **2021**, 21, 123	5.3	5
32	Conserved, divergent and heterochronic gene expression during Brachypodium and Arabidopsis embryo development. *Plant Reproduction*, **2021**, 34, 207-224	3.9	5
31	The PIN gene family in relic plant L. chinense: Genome-wide identification and gene expression profiling in different organizations and abiotic stress responses. *Plant Physiology and Biochemistry*, **2021**, 162, 634-646	5.4	5
30	Gibberellin Oxidase Gene Family in : Genome-Wide Identification and Gene Expression Analysis. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5

29	Proteomics of embryogenic and non-embryogenic calli of a Liriodendron hybrid. *Acta Physiologiae Plantarum*, **2015**, 37, 1	2.6	4
28	The Transcriptome of Cunninghamia lanceolata male/female cone reveal the association between MIKC MADS-box genes and reproductive organs development. *BMC Plant Biology*, **2020**, 20, 508	5.3	4
27	Genome-wide identification and cold stress-induced expression analysis of the CBF gene family in Liriodendron chinense. *Journal of Forestry Research*,1	2	4
26	Morphological, phenological, and transcriptional analyses provide insight into the diverse flowering traits of a mutant of the relic woody plant Liriodendron chinense. *Horticulture Research*, **2021**, 8, 174	7.7	4
25	Identification and characterization of genic microsatellites in Cunninghamia lanceolata (Lamb.) Hook (Taxodiaceae). *Archives of Biological Sciences*, **2016**, 68, 417-425	0.7	3
24	Genome Sequence and Comparative Analysis of Isolated from Leaves. *Phytopathology*, **2020**, 110, 1260-1269	3.8	2
23	ClRTL1 Encodes a Chinese Fir RNase III-Like Protein Involved in Regulating Shoot Branching. *International Journal of Molecular Sciences*, **2015**, 16, 25691-710	6.3	2
22	RIdeogram: drawing SVG graphics to visualize and map genome-wide data on the idiograms		2
21	The Liriodendron chinense MKK2 Gene Enhances Arabidopsis thaliana Salt Resistance. *Forests*, **2020**, 11, 1160	2.8	2
20	Integrative analysis of transcriptome and proteome revealed nectary and nectar traits in the plant-pollinator interaction of Nitraria tangutorum Bobrov. *BMC Plant Biology*, **2021**, 21, 230	5.3	2
19	The Full-Length Transcriptome Sequencing and Identification of Na/H Antiporter Genes in Halophyte Bobrov. *Genes*, **2021**, 12,	4.2	2
18	Genome-wide characterization of bZIP transcription factors and their expression patterns in response to drought and salinity stress in Jatropha curcas. *International Journal of Biological Macromolecules*, **2021**, 181, 1207-1223	7.9	2
17	The chloroplast genome of (Maxim.) A.N. Vassiljeva. *Mitochondrial DNA Part B: Resources*, **2018**, 3, 222-224	0.5	1
16	Chitosan Oligosaccharides Stimulate the Efficacy of Somatic Embryogenesis in Different Genotypes of the Liriodendron Hybrid. *Forests*, **2021**, 12, 557	2.8	1
15	Genomewide comparative analysis of codon usage bias in three sequenced Jatropha curcas. *Journal of Genetics*, **2021**, 100, 1	1.2	1
14	Small Proline-Rich Protein 2A and 2D Are Regulated by the RBM38-p73 Axis and Associated with p73-Dependent Suppression of Chronic Inflammation. *Cancers*, **2021**, 13,	6.6	1
13	Transcriptome and proteome analysis suggest enhanced photosynthesis in tetraploid Liriodendron sino-americanum. *Tree Physiology*, **2021**, 41, 1953-1971	4.2	1
12	Identification of miR397a and Its Functional Characterization in Callus Growth and Development by Regulating Its Target in Liriodendron. *Forests*, **2021**, 12, 912	2.8	1

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11	Overexpression of From Halophyte Plant Enhances Tolerance to Salt Stress in. *Frontiers in Plant Science*, **2021**, 12, 716855	6.2	1
10	Exploring the (Lamb.) Hook Genome by BAC Sequencing.. *Frontiers in Bioengineering and Biotechnology*, **2022**, 10, 854130	5.8	1
9	Genomic Survey and Cold-Induced Expression Patterns of bHLH Transcription Factors in Liriodendron chinense (Hemsl) Sarg.. *Forests*, **2022**, 13, 518	2.8	1
8	-Mediated Genetic Transformation of Embryogenic Callus in a Hybrid ( ).. *Frontiers in Plant Science*, **2022**, 13, 802128	6.2	1
7	Aminobutyric acid a novel candidate for rapid induction in somatic embryogenesis of Liriodendron hybrid. *Plant Growth Regulation*, **2022**, 96, 293-302	3.2	0
6	Molecular Cloning and Functional Characterization of the DELLA Gene Family in Liriodendron Hybrids. *Forests*, **2020**, 11, 1363	2.8	0
5	The complete chloroplast genome of (Thunb.) Sweet, a traditional Chinese medicinal plant. *Mitochondrial DNA Part B: Resources*, **2021**, 6, 851-852	0.5	0
4	The complete chloroplast genome sequence of. *Mitochondrial DNA Part B: Resources*, **2021**, 6, 555-556	0.5	0
3	The complete chloroplast genome sequence of. *Mitochondrial DNA Part B: Resources*, **2021**, 6, 3046-3048	0.5	0
2	PIN3 from Liriodendron May Function in Inflorescence Development and Root Elongation. *Forests*, **2022**, 13, 568	2.8	0
1	Multiple Methods Synergistically Promote the Synchronization of Somatic Embryogenesis Through Suspension Culture in the New Hybrid Between and .. *Frontiers in Plant Science*, **2022**, 13, 857972	6.2	0