

Jinhui Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	β-Aminobutyric acid a novel candidate for rapid induction in somatic embryogenesis of Liriodendron hybrid. <i>Plant Growth Regulation</i> , 2022 , 96, 293-302	3.2	0
63	Genome-wide identification of the Liriodendron chinense WRKY gene family and its diverse roles in response to multiple abiotic stress.. <i>BMC Plant Biology</i> , 2022 , 22, 25	5.3	5
62	Exploring the (Lamb.) Hook Genome by BAC Sequencing.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 854130	5.8	1
61	Genomic Survey and Cold-Induced Expression Patterns of bHLH Transcription Factors in Liriodendron chinense (Hemsl) Sarg.. <i>Forests</i> , 2022 , 13, 518	2.8	1
60	-Mediated Genetic Transformation of Embryogenic Callus in a Hybrid (L).. <i>Frontiers in Plant Science</i> , 2022 , 13, 802128	6.2	1
59	PIN3 from Liriodendron May Function in Inflorescence Development and Root Elongation. <i>Forests</i> , 2022 , 13, 568	2.8	0
58	Multiple Methods Synergistically Promote the Synchronization of Somatic Embryogenesis Through Suspension Culture in the New Hybrid Between and .. <i>Frontiers in Plant Science</i> , 2022 , 13, 857972	6.2	0
57	The complete chloroplast genome of (Thunb.) Sweet, a traditional Chinese medicinal plant. <i>Mitochondrial DNA Part B: Resources</i> , 2021 , 6, 851-852	0.5	0
56	CIPK11: a calcineurin B-like protein-interacting protein kinase from Nitraria tangutorum, confers tolerance to salt and drought in Arabidopsis. <i>BMC Plant Biology</i> , 2021 , 21, 123	5.3	5
55	Chitosan Oligosaccharides Stimulate the Efficacy of Somatic Embryogenesis in Different Genotypes of the Liriodendron Hybrid. <i>Forests</i> , 2021 , 12, 557	2.8	1
54	The role of β-Aminobutyric acid in aluminum stress tolerance in a woody plant, Liriodendron chinense Tulipifera. <i>Horticulture Research</i> , 2021 , 8, 80	7.7	11
53	Genomewide comparative analysis of codon usage bias in three sequenced Jatropha curcas. <i>Journal of Genetics</i> , 2021 , 100, 1	1.2	1
52	Integrative analysis of transcriptome and proteome revealed nectary and nectar traits in the plant-pollinator interaction of Nitraria tangutorum Bobrov. <i>BMC Plant Biology</i> , 2021 , 21, 230	5.3	2
51	Conserved, divergent and heterochronic gene expression during Brachypodium and Arabidopsis embryo development. <i>Plant Reproduction</i> , 2021 , 34, 207-224	3.9	5
50	The PIN gene family in relic plant L. chinense: Genome-wide identification and gene expression profiling in different organizations and abiotic stress responses. <i>Plant Physiology and Biochemistry</i> , 2021 , 162, 634-646	5.4	5
49	The Full-Length Transcriptome Sequencing and Identification of Na/H Antiporter Genes in Halophyte Bobrov. <i>Genes</i> , 2021 , 12,	4.2	2
48	Small Proline-Rich Protein 2A and 2D Are Regulated by the RBM38-p73 Axis and Associated with p73-Dependent Suppression of Chronic Inflammation. <i>Cancers</i> , 2021 , 13,	6.6	1

47	Genome-wide characterization of bZIP transcription factors and their expression patterns in response to drought and salinity stress in <i>Jatropha curcas</i> . <i>International Journal of Biological Macromolecules</i> , 2021 , 181, 1207-1223	7.9	2
46	Gibberellin Oxidase Gene Family in : Genome-Wide Identification and Gene Expression Analysis. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
45	Characterization of the Gene Family and Its Role in Abiotic Stress Response. <i>Frontiers in Plant Science</i> , 2021 , 12, 641280	6.2	7
44	The complete chloroplast genome sequence of. <i>Mitochondrial DNA Part B: Resources</i> , 2021 , 6, 555-556	0.5	0
43	Transcriptome and proteome analysis suggest enhanced photosynthesis in tetraploid <i>Liriodendron sino-americanum</i> . <i>Tree Physiology</i> , 2021 , 41, 1953-1971	4.2	1
42	Identification of miR397a and Its Functional Characterization in Callus Growth and Development by Regulating Its Target in <i>Liriodendron</i> . <i>Forests</i> , 2021 , 12, 912	2.8	1
41	Morphological, phenological, and transcriptional analyses provide insight into the diverse flowering traits of a mutant of the relic woody plant <i>Liriodendron chinense</i> . <i>Horticulture Research</i> , 2021 , 8, 174	7.7	4
40	Overexpression of From Halophyte Plant Enhances Tolerance to Salt Stress in. <i>Frontiers in Plant Science</i> , 2021 , 12, 716855	6.2	1
39	The complete chloroplast genome sequence of. <i>Mitochondrial DNA Part B: Resources</i> , 2021 , 6, 3046-3048	0.5	0
38	The Transcriptome of <i>Cunninghamia lanceolata</i> male/female cone reveal the association between MIKC MADS-box genes and reproductive organs development. <i>BMC Plant Biology</i> , 2020 , 20, 508	5.3	4
37	Genome Sequence and Comparative Analysis of Isolated from Leaves. <i>Phytopathology</i> , 2020 , 110, 1260-1269	3.5	2
36	Transcriptome analysis and metabolic profiling reveal the key role of carotenoids in the petal coloration of. <i>Horticulture Research</i> , 2020 , 7, 70	7.7	20
35	: drawing SVG graphics to visualize and map genome-wide data on the idiograms. <i>PeerJ Computer Science</i> , 2020 , 6, e251	2.7	73
34	The <i>Liriodendron chinense</i> MKK2 Gene Enhances <i>Arabidopsis thaliana</i> Salt Resistance. <i>Forests</i> , 2020 , 11, 1160	2.8	2
33	: A Calcineurin B-Like Protein-Interacting Protein Kinase From the Halophyte , Enhances <i>Arabidopsis</i> Salt Tolerance. <i>Frontiers in Plant Science</i> , 2020 , 11, 1112	6.2	10
32	Molecular Cloning and Functional Characterization of the DELLA Gene Family in <i>Liriodendron</i> Hybrids. <i>Forests</i> , 2020 , 11, 1363	2.8	0
31	Genetic Diversity and Differentiation of Relict Plant <i>Liriodendron</i> Populations Based on 29 Novel EST-SSR Markers. <i>Forests</i> , 2019 , 10, 334	2.8	7
30	Complete Chloroplast Genome of <i>Fokienia hodginsii</i> (Dunn) Henry et Thomas: Insights into Repeat Regions Variation and Phylogenetic Relationships in Cupressophyta. <i>Forests</i> , 2019 , 10, 528	2.8	5

29	Peptide Hormone Genes Promote Primary Root Growth and Adventitious Root Formation. <i>Plants</i> , 2019 , 8,	4.5	7
28	Liriodendron genome sheds light on angiosperm phylogeny and species-pair differentiation. <i>Nature Plants</i> , 2019 , 5, 18-25	11.5	77
27	The chloroplast genome of (Maxim.) A.N. Vassiljeva. <i>Mitochondrial DNA Part B: Resources</i> , 2018 , 3, 222-224	4.5	1
26	Phylogenetic studies and comparative chloroplast genome analyses elucidate the basal position of halophyte <i>Nitraria sibirica</i> (Nitrariaceae) in the Sapindales. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2018 , 29, 745-755	1.3	9
25	Hydrogen sulfide enhances poplar tolerance to high-temperature stress by increasing S-nitrosogluthathione reductase (GSNOR) activity and reducing reactive oxygen/nitrogen damage. <i>Plant Growth Regulation</i> , 2018 , 84, 11-23	3.2	32
24	Carbon Monoxide Potentiates High Temperature-Induced Nicotine Biosynthesis in Tobacco. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	15
23	Desiccation Treatment and Endogenous IAA Levels Are Key Factors Influencing High Frequency Somatic Embryogenesis in (Lamb.) Hook. <i>Frontiers in Plant Science</i> , 2017 , 8, 2054	6.2	24
22	Establishment of transient gene expression systems in protoplasts from <i>Liriodendron</i> hybrid mesophyll cells. <i>PLoS ONE</i> , 2017 , 12, e0172475	3.7	18
21	Identification and characterization of genic microsatellites in <i>Cunninghamia lanceolata</i> (Lamb.) Hook (Taxodiaceae). <i>Archives of Biological Sciences</i> , 2016 , 68, 417-425	0.7	3
20	Comparative Analysis of the Chloroplast Genomic Information of <i>Cunninghamia lanceolata</i> (Lamb.) Hook with Sibling Species from the Genera <i>Cryptomeria</i> D. Don, <i>Taiwania</i> Hayata, and <i>Calocedrus</i> Kurz. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	15
19	The Complete Chloroplast Genome Sequence of a Relict Conifer <i>Glyptostrobus pensilis</i> : Comparative Analysis and Insights into Dynamics of Chloroplast Genome Rearrangement in Cupressophytes and Pinaceae. <i>PLoS ONE</i> , 2016 , 11, e0161809	3.7	18
18	Floral Nectary Morphology and Proteomic Analysis of Nectar of <i>Liriodendron tulipifera</i> Linn. <i>Frontiers in Plant Science</i> , 2016 , 7, 826	6.2	25
17	The Role of DNA Methylation in Xylogenesis in Different Tissues of Poplar. <i>Frontiers in Plant Science</i> , 2016 , 7, 1003	6.2	13
16	Expansion and Functional Divergence of AP2 Group Genes in Spermatophytes Determined by Molecular Evolution and Mutant Analysis. <i>Frontiers in Plant Science</i> , 2016 , 7, 1383	6.2	18
15	Physiological and proteomic analyses of leaves from the halophyte Tangut <i>Nitraria</i> reveals diverse response pathways critical for high salinity tolerance. <i>Frontiers in Plant Science</i> , 2015 , 6, 30	6.2	36
14	Quantitative proteomics analysis reveals that S-nitrosogluthathione reductase (GSNOR) and nitric oxide signaling enhance poplar defense against chilling stress. <i>Planta</i> , 2015 , 242, 1361-90	4.7	49
13	Proteomics of embryogenic and non-embryogenic calli of a <i>Liriodendron</i> hybrid. <i>Acta Physiologiae Plantarum</i> , 2015 , 37, 1	2.6	4
12	CLRTL1 Encodes a Chinese Fir RNase III-Like Protein Involved in Regulating Shoot Branching. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 25691-710	6.3	2

11	The complete chloroplast genome sequence of the relict woody plant <i>Metasequoia glyptostroboides</i> Hu et Cheng. <i>Frontiers in Plant Science</i> , 2015 , 6, 447	6.2	61
10	The investigation of inhibiting quorum sensing and methicillin-resistant <i>Staphylococcus aureus</i> biofilm formation from <i>Liriodendron</i> hybrid. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015 , 28, 903-8 ^{0.4}		7
9	Phylogeny and molecular evolution analysis of PIN-FORMED 1 in angiosperm. <i>PLoS ONE</i> , 2014 , 9, e89289 ^{3.7}		5
8	Comparative physiological and proteomic analyses of poplar (<i>Populus yunnanensis</i>) plantlets exposed to high temperature and drought. <i>PLoS ONE</i> , 2014 , 9, e107605	3.7	38
7	Highly efficient uptake of ultrafine mesoporous silica nanoparticles with excellent biocompatibility by <i>Liriodendron</i> hybrid suspension cells. <i>Science China Life Sciences</i> , 2013 , 56, 82-9	8.5	17
6	Discovery and experimental analysis of microsatellites in an oil woody plant <i>Camellia chekiangoleosa</i> . <i>Plant Systematics and Evolution</i> , 2013 , 299, 1387-1393	1.3	11
5	Transcriptome characteristics and six alternative expressed genes positively correlated with the phase transition of annual cambial activities in Chinese Fir (<i>Cunninghamia lanceolata</i> (Lamb.) Hook). <i>PLoS ONE</i> , 2013 , 8, e71562	3.7	18
4	Salinity-induced changes in protein expression in the halophytic plant <i>Nitraria sphaerocarpa</i> . <i>Journal of Proteomics</i> , 2012 , 75, 5226-43	3.9	22
3	Deep sequencing and microarray hybridization identify conserved and species-specific microRNAs during somatic embryogenesis in hybrid yellow poplar. <i>PLoS ONE</i> , 2012 , 7, e43451	3.7	52
2	Rldeogram: drawing SVG graphics to visualize and map genome-wide data on the idiograms		2
1	Genome-wide identification and cold stress-induced expression analysis of the CBF gene family in <i>Liriodendron chinense</i> . <i>Journal of Forestry Research</i> , 1	2	4