List of Publications by Year in descending order

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LICEN SHI

#	Article	IF	CITATIONS
1	<i>RIdeogram</i> : drawing SVG graphics to visualize and map genome-wide data on the idiograms. PeerJ Computer Science, 2020, 6, e251.	2.7	265
2	A vacuolar phosphate transporter essential for phosphate homeostasis in <i>Arabidopsis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6571-8.	3.3	173
3	Liriodendron genome sheds light on angiosperm phylogeny and species–pair differentiation. Nature Plants, 2019, 5, 18-25.	4.7	163
4	Nitric Oxide Enhances Desiccation Tolerance of Recalcitrant Antiaris toxicaria Seeds via Protein S-Nitrosylation and Carbonylation. PLoS ONE, 2011, 6, e20714.	1.1	120
5	<i>Arabidopsis</i> Transporter MGT6 Mediates Magnesium Uptake and Is Required for Growth under Magnesium Limitation. Plant Cell, 2014, 26, 2234-2248.	3.1	108
6	Photothermal and biodegradable polyaniline/porous silicon hybrid nanocomposites as drug carriers for combined chemo-photothermal therapy of cancer. Acta Biomaterialia, 2017, 51, 197-208.	4.1	90
7	The complete chloroplast genome sequence of the relict woody plant Metasequoia glyptostroboides Hu et Cheng. Frontiers in Plant Science, 2015, 6, 447.	1.7	78
8	Inner Envelope CHLOROPLAST MANGANESE TRANSPORTER 1 Supports Manganese Homeostasis and Phototrophic Growth in Arabidopsis. Molecular Plant, 2018, 11, 943-954.	3.9	71
9	Deep Sequencing and Microarray Hybridization Identify Conserved and Species-Specific MicroRNAs during Somatic Embryogenesis in Hybrid Yellow Poplar. PLoS ONE, 2012, 7, e43451.	1.1	66
10	Quantitative proteomics analysis reveals that S-nitrosoglutathione reductase (GSNOR) and nitric oxide signaling enhance poplar defense against chilling stress. Planta, 2015, 242, 1361-1390.	1.6	64
11	Proteome profiling of early seed development in Cunninghamia lanceolata (Lamb.) Hook. Journal of Experimental Botany, 2010, 61, 2367-2381.	2.4	59
12	Danger-Associated Peptides Close Stomata by OST1-Independent Activation of Anion Channels in Guard Cells. Plant Cell, 2018, 30, 1132-1146.	3.1	57
13	Overexpression of two cambiumâ€abundant Chinese fir (<i>Cunninghamia lanceolata</i>) αâ€expansin genes <i>ClEXPA1</i> and <i>ClEXPA2</i> affect growth and development in transgenic tobacco and increase the amount of cellulose in stem cell walls. Plant Biotechnology Journal, 2011, 9, 486-502.	4.1	56
14	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.	1.8	55
15	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.	1.7	47
16	Transcriptome analysis and metabolic profiling reveal the key role of carotenoids in the petal coloration of Liriodendron tulipifera. Horticulture Research, 2020, 7, 70.	2.9	47
17	Chromosome painting and comparative physical mapping of the sex chromosomes in Populus tomentosa and Populus deltoides. Chromosoma, 2018, 127, 313-321.	1.0	43
18	Desiccation Treatment and Endogenous IAA Levels Are Key Factors Influencing High Frequency Somatic Embryogenesis in Cunninghamia lanceolata (Lamb.) Hook. Frontiers in Plant Science, 2017, 8, 2054.	1.7	40

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19	Nearâ€Infrared Lightâ€Triggered Intracellular Delivery of Anticancer Drugs Using Porous Silicon Nanoparticles Conjugated with IR820 Dyes. Advanced Materials Interfaces, 2016, 3, 1500715.	1.9	39
20	In vitro mutagenesis and identification of mutants via ISSR in lily (Lilium longiflorum). Plant Cell Reports, 2012, 31, 1043-1051.	2.8	37
21	Expansion and Functional Divergence of AP2 Group Genes in Spermatophytes Determined by Molecular Evolution and Arabidopsis Mutant Analysis. Frontiers in Plant Science, 2016, 7, 1383.	1.7	37
22	Carbon Monoxide Potentiates High Temperature-Induced Nicotine Biosynthesis in Tobacco. International Journal of Molecular Sciences, 2018, 19, 188.	1.8	36
23	Moderate-density molecular maps of Eucalyptus urophylla S. T. Blake and E. tereticornis Smith genomes based on RAPD markers. Genetica, 2003, 118, 59-67.	0.5	35
24	Arabidopsis choline transporter-like 1 (CTL1) regulates secretory trafficking of auxin transporters to control seedling growth. PLoS Biology, 2017, 15, e2004310.	2.6	35
25	Floral Nectary Morphology and Proteomic Analysis of Nectar of Liriodendron tulipifera Linn Frontiers in Plant Science, 2016, 7, 826.	1.7	34
26	De novo SNP discovery and genetic linkage mapping in poplar using restriction site associated DNA and whole-genome sequencing technologies. BMC Genomics, 2016, 17, 656.	1.2	33
27	Establishment of transient gene expression systems in protoplasts from Liriodendron hybrid mesophyll cells. PLoS ONE, 2017, 12, e0172475.	1.1	33
28	Danger-Associated Peptides Interact with PIN-Dependent Local Auxin Distribution to Inhibit Root Growth in Arabidopsis. Plant Cell, 2019, 31, 1767-1787.	3.1	31
29	Multifunctional Chitosan/Porous Silicon@Au Nanocomposite Hydrogels for Long-Term and Repeatedly Localized Combinatorial Therapy of Cancer via a Single Injection. ACS Biomaterials Science and Engineering, 2019, 5, 1857-1867.	2.6	31
30	Vacuolar Phosphate Transporters Contribute to Systemic Phosphate Homeostasis Vital for Reproductive Development in Arabidopsis. Plant Physiology, 2019, 179, 640-655.	2.3	30
31	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.	1.6	30
32	Co-loading of photothermal agents and anticancer drugs into porous silicon nanoparticles with enhanced chemo-photothermal therapeutic efficacy to kill multidrug-resistant cancer cells. Colloids and Surfaces B: Biointerfaces, 2018, 164, 291-298.	2.5	28
33	A hidden Markov model approach to multilocus linkage analysis in a full-sib family. Tree Genetics and Genomes, 2010, 6, 651-662.	0.6	26
34	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.	1.1	26
35	Biodegradable and Magnetic-Fluorescent Porous Silicon@Iron Oxide Nanocomposites for Fluorescence/Magnetic Resonance Bimodal Imaging of Tumor <i>in Vivo</i> . ACS Biomaterials Science and Engineering, 2017, 3, 2579-2587.	2.6	26
36	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.	1.1	26

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37	Genetic parameters and genotype–environment interactions of Chinese fir (<i>Cunninghamia) Tj ETQq1 1 0.7</i>	784314 rgBT 0.8	/Qverlock
38	The role of γ-aminobutyric acid in aluminum stress tolerance in a woody plant, Liriodendron chinense × tulipifera. Horticulture Research, 2021, 8, 80.	2.9	25
39	Mitochondria-Targeted Nanomedicine for Enhanced Efficacy of Cancer Therapy. Frontiers in Bioengineering and Biotechnology, 2021, 9, 720508.	2.0	25
40	Construction of High-Density Linkage Maps of Populus deltoides × P. simonii Using Restriction-Site Associated DNA Sequencing. PLoS ONE, 2016, 11, e0150692.	1.1	25
41	Characterization of the Liriodendron Chinense MYB Gene Family and Its Role in Abiotic Stress Response. Frontiers in Plant Science, 2021, 12, 641280.	1.7	24
42	Highly efficient uptake of ultrafine mesoporous silica nanoparticles with excellent biocompatibility by Liriodendron hybrid suspension cells. Science China Life Sciences, 2013, 56, 82-89.	2.3	23
43	Development of 240 novel EST-SSRs in Eucalyptus L'Hérit. Molecular Breeding, 2014, 33, 221-225.	1.0	23
44	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, 1084.	1.8	23
45	Cunninghamia lanceolata PSK Peptide Hormone Genes Promote Primary Root Growth and Adventitious Root Formation. Plants, 2019, 8, 520.	1.6	23
46	Near-infrared light and magnetic field dual-responsive porous silicon-based nanocarriers to overcome multidrug resistance in breast cancer cells with enhanced efficiency. Journal of Materials Chemistry B, 2020, 8, 546-557.	2.9	23
47	Development of 198 novel ESTâ€derived microsatellites in <i>Eucalyptus</i> (Myrtaceae). American Journal of Botany, 2012, 99, e134-48.	0.8	22
48	Expression of a conifer COBRA-like gene ClCOBL1 from Chinese fir (Cunninghamia lanceolata) alters the leaf architecture in tobacco. Plant Physiology and Biochemistry, 2013, 70, 483-491.	2.8	19
49	High loading of doxorubicin into styrene-terminated porous silicon nanoparticles via π-stacking for cancer treatments in vitro. RSC Advances, 2015, 5, 44660-44665.	1.7	19
50	NtCIPK9: A Calcineurin B-Like Protein-Interacting Protein Kinase From the Halophyte Nitraria tangutorum, Enhances Arabidopsis Salt Tolerance. Frontiers in Plant Science, 2020, 11, 1112.	1.7	19
51	Genome-wide identification and cold stress-induced expression analysis of the CBF gene family in Liriodendron chinense. Journal of Forestry Research, 2021, 32, 2531-2543.	1.7	19
52	Identification and analysis of differentially expressed genes in differentiating xylem of Chinese fir (<i>Cunninghamia lanceolata</i>) by suppression subtractive hybridization. Genome, 2007, 50, 1141-1155.	0.9	18
53	Spatial analysis increases efficiency of progeny testing of Chinese fir. Journal of Forestry Research, 2017, 28, 445-452.	1.7	18
54	Phylogenetic studies and comparative chloroplast genome analyses elucidate the basal position of halophyte <i>Nitraria sibirica</i> (Nitrariaceae) in the Sapindales. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2018, 29, 745-755.	0.7	18

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55	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.	3.6	18
56	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.	2.9	18
57	Proteomic analysis of early seed development in Pinus massoniana L. Plant Physiology and Biochemistry, 2012, 54, 97-104.	2.8	17
58	The LIKE SEX FOUR2 regulates root development by modulating reactive oxygen species homeostasis in Arabidopsis. Scientific Reports, 2016, 6, 28683.	1.6	17
59	Gibberellin Oxidase Gene Family in L. chinense: Genome-Wide Identification and Gene Expression Analysis. International Journal of Molecular Sciences, 2021, 22, 7167.	1.8	16
60	Vacuolar Proton Pyrophosphatase Is Required for High Magnesium Tolerance in Arabidopsis. International Journal of Molecular Sciences, 2018, 19, 3617.	1.8	15
61	NIR lightâ€triggered gelling <i>in situ</i> of porous silicon nanoparticles/PEGDA hybrid hydrogels for localized combinatorial therapy of cancer cells. Journal of Applied Polymer Science, 2019, 136, 47443.	1.3	15
62	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.	1.6	15
63	Mitochondriaâ€Targeted Bovine Serum Albumin@Copper Sulfide Nanocomposites Conjugated with Rhodamineâ€110 Dye for an Enhanced Efficacy of Cancer Photothermal Therapy. Particle and Particle Systems Characterization, 2021, 38, 2100013.	1.2	15
64	Photoluminescence enhancement of porous silicon particles by microwaveâ€assisted activation. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 2247-2250.	0.8	14
65	Quantitative genetics of cold hardiness and growth in Eucalyptus as estimated from E. urophyllaÂ×ÂE. tereticornis hybrids. New Forests, 2012, 43, 383-394.	0.7	14
66	Discovery and experimental analysis of microsatellites in an oil woody plant Camellia chekiangoleosa. Plant Systematics and Evolution, 2013, 299, 1387-1393.	0.3	14
67	Transcriptome and proteome analysis suggest enhanced photosynthesis in tetraploid <i>Liriodendron sino-americanum</i> . Tree Physiology, 2021, 41, 1953-1971.	1.4	14
68	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.	1.6	14
69	Genome Sequence and Comparative Analysis of <i>Colletotrichum gloeosporioides</i> Isolated from <i>Liriodendron</i> Leaves. Phytopathology, 2020, 110, 1260-1269.	1.1	13
70	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.	2.8	13
71	Genetic Diversity and Differentiation of Relict Plant Liriodendron Populations Based on 29 Novel EST-SSR Markers. Forests, 2019, 10, 334.	0.9	11
72	Selection of reference genes for gene expression analysis in Liriodendron hybrids' somatic embryogenesis and germinative tissues. Scientific Reports, 2021, 11, 4957.	1.6	11

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73	Evaluation of sample extraction methods for proteomic analysis of coniferous seeds. Acta Physiologiae Plantarum, 2011, 33, 1623-1630.	1.0	10

Agrobacterium-Mediated Genetic Transformation of Embryogenic Callus in a Liriodendron Hybrid (L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5

75	Transcriptional Analysis Provides New Insights into Cold- and Dehydration-Tolerance Signaling Pathways and on Regulation of Stem Cell Activity in the Vascular Cambium of Poplar. Plant Molecular Biology Reporter, 2013, 31, 75-86.	1.0	8
76	Inter-Simple Sequence Repeat Data Reveals High Genetic Diversity in Wild Populations of the Narrowly Distributed Endemic Lilium regale in the Minjiang River Valley of China. PLoS ONE, 2015, 10, e0118831.	1.1	8
77	A B Functional Gene Cloned from Lily Encodes an Ortholog of Arabidopsis PISTILLATA (PI). Plant Molecular Biology Reporter, 2010, 28, 684-691.	1.0	7
78	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.	1.6	7
79	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.	0.2	7
80	Model selection for quantitative trait loci mapping in a full-sib family. Genetics and Molecular Biology, 2012, 35, 622-631.	0.6	6
81	Phylogeny and Molecular Evolution Analysis of PIN-FORMED 1 in Angiosperm. PLoS ONE, 2014, 9, e89289.	1.1	6
82	Complete Chloroplast Genome of Fokienia hodginsii (Dunn) Henry et Thomas: Insights into Repeat Regions Variation and Phylogenetic Relationships in Cupressophyta. Forests, 2019, 10, 528.	0.9	6
83	The complete chloroplast genome sequence of Casuarina equisetifolia. Mitochondrial DNA Part B: Resources, 2021, 6, 3046-3048.	0.2	6
84	Î ³ -Aminobutyric acid a novel candidate for rapid induction in somatic embryogenesis of Liriodendron hybrid. Plant Growth Regulation, 2022, 96, 293-302.	1.8	6
85	MVQTLCIM: composite interval mapping of multivariate traits in a hybrid F1 population of outbred species. BMC Bioinformatics, 2017, 18, 515.	1.2	5
86	Pinus massoniana Introgression Hybrids Display Differential Expression of Reproductive Genes. Forests, 2019, 10, 230.	0.9	5
87	The Liriodendron chinense MKK2 Gene Enhances Arabidopsis thaliana Salt Resistance. Forests, 2020, 11, 1160.	0.9	5
88	Chitosan Oligosaccharides Stimulate the Efficacy of Somatic Embryogenesis in Different Genotypes of the Liriodendron Hybrid. Forests, 2021, 12, 557.	0.9	5
89	Genomewide comparative analysis of codon usage bias in three sequenced Jatropha curcas. Journal of Genetics, 2021, 100, 1.	0.4	5
90	Proteomics of embryogenic and non-embryogenic calli of a Liriodendron hybrid. Acta Physiologiae Plantarum, 2015, 37, 1.	1.0	4

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91	Identification of Reference Genes for Quantitative Gene Expression Studies in Pinus massoniana and Its Introgression Hybrid. Forests, 2019, 10, 787.	0.9	4
92	Identification of miR397a and Its Functional Characterization in Callus Growth and Development by Regulating Its Target in Liriodendron. Forests, 2021, 12, 912.	0.9	4
93	Overexpression of NtSOS2 From Halophyte Plant N. tangutorum Enhances Tolerance to Salt Stress in Arabidopsis. Frontiers in Plant Science, 2021, 12, 716855.	1.7	4
94	Identification, Phylogenetic and Expression Analyses of the AAAP Gene Family in Liriodendron chinense Reveal Their Putative Functions in Response to Organ and Multiple Abiotic Stresses. International Journal of Molecular Sciences, 2022, 23, 4765.	1.8	4
95	CIRTL1 Encodes a Chinese Fir RNase III–Like Protein Involved in Regulating Shoot Branching. International Journal of Molecular Sciences, 2015, 16, 25691-25710.	1.8	3
96	The complete chloroplast genome sequence of <i>Sloanea sinensis</i> . Mitochondrial DNA Part B: Resources, 2021, 6, 555-556.	0.2	3
97	Identification and characterization of genic microsatellites in Cunninghamia lanceolata (Lamb.) Hook (Taxodiaceae). Archives of Biological Sciences, 2016, 68, 417-425.	0.2	3
98	Multiple Methods Synergistically Promote the Synchronization of Somatic Embryogenesis Through Suspension Culture in the New Hybrid Between Pinus elliottii and Pinus caribaea. Frontiers in Plant Science, 2022, 13, 857972.	1.7	3
99	Cell synchronization and isolation of chromosomes from Chinese fir root tips for flow cytometric analysis. Biotechnology Letters, 2015, 37, 1309-1314.	1.1	2
100	Inheritance of growth and survival in two 9-year-old, open-pollinated progenies of an advanced breeding population of Chinese firs in southeastern China. Journal of Forestry Research, 2016, 27, 1067-1075.	1.7	2
101	Pachytene Chromosome Preparation in Populus deltoides Marsh. Current Protocols in Plant Biology, 2016, 1, 566-573.	2.8	2
102	The complete chloroplast genome of <i>Clerodendrum japonicum</i> (Thunb.) Sweet, a traditional Chinese medicinal plant. Mitochondrial DNA Part B: Resources, 2021, 6, 851-852.	0.2	2
103	Interaction Characteristics of the Co-incubation between CdSe/ZnS Quantum Dots and Liriodendron Hybrids Suspension Cells by PEG-mediation. Scientia Sinica Vitae, 2011, 41, 494-501.	0.1	2
104	Molecular Cloning and Functional Characterization of the DELLA Gene Family in Liriodendron Hybrids. Forests, 2020, 11, 1363.	0.9	1
105	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, 2829.	1.7	1
106	A Computational Algorithm for Functional Clustering of Proteome Dynamics During Development. Current Genomics, 2014, 15, 237-243.	0.7	1
107	Exploring the Cunninghamia lanceolata(Lamb.) Hook Genome by BAC Sequencing. Frontiers in Bioengineering and Biotechnology, 2022, 10, 854130.	2.0	1
108	PIN3 from Liriodendron May Function in Inflorescence Development and Root Elongation. Forests, 2022, 13, 568.	0.9	1

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109	Quantitative Phosphoproteomics of cipk3/9/23/26 Mutant and Wild Type in Arabidopsis thaliana. Genes, 2021, 12, 1759.	1.0	0