Zhiru

List of Publications by Year in Descending Order

70 papers	795 citations	16 h-index	24 g-index
74 ext. papers	1,090 ext. citations	4.3 avg, IF	3.96 L-index

#	Paper	IF	Citations
70	Homeostatic regulation of flavonoid and lignin biosynthesis in phenylpropanoid pathway of transgenic tobacco. *Gene*, **2022**, 809, 146017	3.8	1
69	Tissue-Specific Expression of the Terpene Synthase Family Genes in and Effect of Abiotic Stress Conditions.. *Genes*, **2022**, 13,	4.2	3
68	Regulation of alternative splicing of PaFT and PaFDL1, the FT and FD homologs in Platanus acerifolia.. *Gene*, **2022**, 146506	3.8	0
67	Comprehensive Genome-Wide Analysis of Histone Acetylation Genes in Roses and Expression Analyses in Response to Heat Stress. *Genes*, **2022**, 13, 980	4.2	
66	Morphological and Molecular Analyses of the Interaction between Rosa multiflora and Podosphaera pannosa. *Genes*, **2022**, 13, 1003	4.2	
65	A conservative pathway for coordination of cell wall biosynthesis and cell cycle progression in plants. *Plant Journal*, **2021**, 106, 630-648	6.9	3
64	miR156/157 Targets SPLs to Regulate Flowering Transition, Plant Architecture and Flower Organ Size in Petunia. *Plant and Cell Physiology*, **2021**, 62, 839-857	4.9	4
63	Genetic manipulation of Soc1-like genes promotes photosynthesis in flowers and leaves and enhances plant tolerance to high temperature. *Plant Biotechnology Journal*, **2021**, 19, 8-10	11.6	2
62	Functional conservation and divergence of SEPALLATA-like genes in the development of two-type florets in marigold. *Plant Science*, **2021**, 309, 110938	5.3	1
61	Nonglandular prickle formation is associated with development and secondary metabolism-related genes in Rosa multiflora. *Physiologia Plantarum*, **2021**, 173, 1147-1162	4.6	1
60	A Class II TCP Transcription Factor PaTCP4 from Regulates Trichome Formation in. *DNA and Cell Biology*, **2021**, 40, 1235-1250	3.6	0
59	Two FD homologs from London plane (Platanus acerifolia) are associated with floral initiation and flower morphology. *Plant Science*, **2021**, 310, 110971	5.3	1
58	Functional Conservation and Divergence of Five -like Genes in Marigold (L.).. *Genes*, **2021**, 12,	4.2	1
57	Integrating physiological and metabolites analysis to identify ethylene involvement in petal senescence in Tulipa gesneriana. *Plant Physiology and Biochemistry*, **2020**, 149, 121-131	5.4	4
56	Mapping a double flower phenotype-associated gene DcAP2L in Dianthus chinensis. *Journal of Experimental Botany*, **2020**, 71, 1915-1927	7	4
55	Identification, Characterization and Functional Analysis of C-Class Genes Associated with Double Flower Trait in Carnation (L.). *Plants*, **2020**, 9,	4.5	4
54	Identification, characterization and functional analysis of AGAMOUS subfamily genes associated with floral organs and seed development in Marigold (Tagetes erecta). *BMC Plant Biology*, **2020**, 20, 439	5.3	3

53	Identification and characterization of PaGL1-like genes from Platanus acerifolia related to the regulation of trichomes. *Plant Molecular Biology*, **2020**, 104, 235-248	4.6	1
52	Genome-Wide Identification, Characterization and Expression Analysis of TCP Transcription Factors in. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
51	Reduced Expression of Is Associated with the Phenotype of a Flower-Defective. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	1
50	RrMYB5- and RrMYB10-regulated flavonoid biosynthesis plays a pivotal role in feedback loop responding to wounding and oxidation in Rosa rugosa. *Plant Biotechnology Journal*, **2019**, 17, 2078-2095	11.6	22
49	Identification and Characterization of the FLOWERING LOCUS T/TERMINAL FLOWER 1 Gene Family in. *DNA and Cell Biology*, **2019**, 38, 982-995	3.6	5
48	LlDREB1G, a novel DREB subfamily gene from Lilium longiflorum, can enhance transgenic Arabidopsis tolerance to multiple abiotic stresses. *Plant Cell, Tissue and Organ Culture*, **2019**, 138, 489-506	2.7	6
47	Functional Analysis of the Marigold (Tagetes erecta) Lycopene □-cyclase (TeLCYe) Promoter in Transgenic Tobacco. *Molecular Biotechnology*, **2019**, 61, 703-713	3	4
46	PaMYB82 from Platanus acerifolia regulates trichome development in transgenic Arabidopsis. *Plant Science*, **2019**, 287, 110177	5.3	4
45	Genome-wide identification and classification of the and gene families in , and transcriptional analysis under heat stress. *PeerJ*, **2019**, 7, e7312	3.1	10
44	Genome-wide identification and characterization of the ALOG gene family in Petunia. *BMC Plant Biology*, **2019**, 19, 600	5.3	6
43	Single-repeat R3 MYB transcription factors from Platanus acerifolia negatively regulate trichome formation in Arabidopsis. *Planta*, **2019**, 249, 861-877	4.7	5
42	Overexpression of particular MADS-box transcription factors in heat-stressed plants induces chloroplast biogenesis in petals. *Plant, Cell and Environment*, **2019**, 42, 1545-1560	8.4	11
41	Isolation and functional characterization of the promoter of SEPALLATA3 gene in London plane and its application in genetic engineering of sterility. *Plant Cell, Tissue and Organ Culture*, **2019**, 136, 109-121	2.7	2
40	Identification and characterization of FRUITFULL-like genes from Platanus acerifolia, a basal eudicot tree. *Plant Science*, **2019**, 280, 206-218	5.3	5
39	Genome-wide identification and characterization of the SBP-box gene family in Petunia. *BMC Genomics*, **2018**, 19, 193	4.5	31
38	Functional analysis of the promoters of B-class MADS-box genes in London plane tree and their application in genetic engineering of sterility. *Plant Cell, Tissue and Organ Culture*, **2017**, 130, 279-288	2.7	2
37	An anther-specific gene PhGRP is regulated by PhMYC2 and causes male sterility when overexpressed in petunia anthers. *Plant Cell Reports*, **2017**, 36, 1401-1415	5.1	15
36	Hybrid sequencing and map finding (HySeMaFi): optional strategies for extensively deciphering gene splicing and expression in organisms without reference genome. *Scientific Reports*, **2017**, 7, 43793	4.9	23

35	A rapid and efficient in vitro shoot regeneration protocol using cotyledons of London plane tree (Platanus acerifolia Willd.). *Plant Growth Regulation*, **2017**, 83, 245-252	3.2	2
34	Functional conservation and divergence of five SEPALLATA-like genes from a basal eudicot tree, Platanus acerifolia. *Planta*, **2017**, 245, 439-457	4.7	15
33	The Divergence of Flowering Time Modulated by Is Independent to Their Interaction and Binding Activities. *Frontiers in Plant Science*, **2017**, 8, 697	6.2	17
32	Characterization and Functional Analysis of Five MADS-Box B Class Genes Related to Floral Organ Identification in Tagetes erecta. *PLoS ONE*, **2017**, 12, e0169777	3.7	13
31	Molecular cloning, characterization, and functional analysis of CcBBM gene from camphor tree (Cinnamomum camphora L.). *Trees - Structure and Function*, **2016**, 30, 1033-1043	2.6	
30	Overexpression of a Mei (Prunus mume) CBF gene confers tolerance to freezing and oxidative stress in Arabidopsis. *Plant Cell, Tissue and Organ Culture*, **2016**, 126, 373-385	2.7	10
29	Four SQUAMOSA PROMOTER BINDING PROTEIN-LIKE homologs from a basal eudicot tree (Platanus acerifolia) show diverse expression pattern and ability of inducing early flowering in Arabidopsis. *Trees - Structure and Function*, **2016**, 30, 1417-1428	2.6	4
28	De novo comparative transcriptome analysis provides new insights into sucrose induced somatic embryogenesis in camphor tree (Cinnamomum camphora L.). *BMC Genomics*, **2016**, 17, 26	4.5	28
27	Overexpression of Rosa rugosa anthocyanidin reductase enhances tobacco tolerance to abiotic stress through increased ROS scavenging and modulation of ABA signaling. *Plant Science*, **2016**, 245, 35-49	5.3	34
26	Transcriptomic Analysis of Differentially Expressed Genes during Flower Organ Development in Genetic Male Sterile and Male Fertile Tagetes erecta by Digital Gene-Expression Profiling. *PLoS ONE*, **2016**, 11, e0150892	3.7	15
25	Quantitative Proteomic Analysis Provides Novel Insights into Cold Stress Responses in Petunia Seedlings. *Frontiers in Plant Science*, **2016**, 7, 136	6.2	19
24	Antisense RhMLO1 Gene Transformation Enhances Resistance to the Powdery Mildew Pathogen in Rosa multiflora. *Plant Molecular Biology Reporter*, **2015**, 33, 1659-1665	1.7	17
23	Transcriptional profiling of Petunia seedlings reveals candidate regulators of the cold stress response. *Frontiers in Plant Science*, **2015**, 6, 118	6.2	12
22	The identification of novel PMADS3 interacting proteins indicates a role in post-transcriptional control. *Gene*, **2015**, 564, 87-95	3.8	4
21	A study of heterosis, combining ability and heritability between two male sterile lines and ten inbred lines of Tagetes patula. *Euphytica*, **2015**, 203, 349-366	2.1	8
20	Disequilibrium of Flavonol Synthase and Dihydroflavonol-4-Reductase Expression Associated Tightly to White vs. Red Color Flower Formation in Plants. *Frontiers in Plant Science*, **2015**, 6, 1257	6.2	76
19	An efficient system to produce transgenic plants via cyclic leave-originated secondary somatic embryogenesis in Rosa rugosa. *Acta Physiologiae Plantarum*, **2014**, 36, 2013-2023	2.6	10
18	Characterization of a novel male sterile mutant of Tagetes patula induced by heat shock. *Euphytica*, **2014**, 200, 159-173	2.1	8

17	Transcriptional profile of differentially expressed genes related to abortive flower buds under short light period stress in petunia. *Scientia Horticulturae*, **2013**, 164, 323-332	4.1	5
16	A pFBP6::Barnase Construct Resulted in Stigma and Style Ablation and Floral Abscission in Transgenic Tobacco. *Plant Molecular Biology Reporter*, **2012**, 30, 1196-1203	1.7	5
15	Isolation and expression analysis of a LEAFY/FLORICAULA homolog and its promoter from London plane (Platanus acerifolia Willd.). *Plant Cell Reports*, **2012**, 31, 1851-65	5.1	9
14	Primary and repetitive secondary somatic embryogenesis in Rosa hybrida 'Samantha'. *Plant Cell, Tissue and Organ Culture*, **2012**, 109, 411-418	2.7	26
13	Genetic alteration with variable intron/exon organization amongst five PI-homoeologous genes in Platanus acerifolia. *Gene*, **2011**, 473, 82-91	3.8	14
12	Overexpression of Petunia SOC1-like Gene FBP21 in Tobacco Promotes Flowering Without Decreasing Flower or Fruit Quantity. *Plant Molecular Biology Reporter*, **2011**, 29, 573-581	1.7	15
11	Genetic diversity and genetic structure of different populations of the endangered species Davidia involucrata in China detected by inter-simple sequence repeat analysis. *Trees - Structure and Function*, **2011**, 25, 1063-1071	2.6	5
10	Cyclic secondary somatic embryogenesis and efficient plant regeneration in camphor tree (Cinnamomum camphora L.). *In Vitro Cellular and Developmental Biology - Plant*, **2010**, 46, 117-125	2.3	20
9	Factors affecting Agrobacterium-mediated genetic transformation of embryogenic callus of Parthenocissus tricuspidata Planch. *Plant Cell, Tissue and Organ Culture*, **2010**, 102, 373-380	2.7	11
8	Enhancement of somatic embryogenesis in camphor tree (Cinnamomum camphora L.): osmotic stress and other factors affecting somatic embryo formation on hormone-free medium. *Trees - Structure and Function*, **2009**, 23, 1033-1042	2.6	20
7	Long-term cultured callus and the effect factor of high-frequency plantlet regeneration and somatic embryogenesis maintenance in Zoysia japonica. *In Vitro Cellular and Developmental Biology - Plant*, **2009**, 45, 673-680	2.3	21
6	Extraction of high-quality tissue-specific RNA from London plane trees (Platanus acerifolia), permitting the construction of a female inflorescence cDNA library. *Functional Plant Biology*, **2008**, 35, 159-165	2.7	23
5	Factors affecting somatic embryogenesis in anther cultures of Chinese pink (Dianthus chinensis L.). *In Vitro Cellular and Developmental Biology - Plant*, **2008**, 44, 194-202	2.3	16
4	Colchicine-induced chromosome doubling in Platanus acerifolia and its effect on plant morphology. *Euphytica*, **2007**, 157, 145-154	2.1	98
3	Somatic embryogenesis and plant regeneration from petioles of Parthenocissus tricuspidata planch. *In Vitro Cellular and Developmental Biology - Plant*, **2006**, 42, 520-524	2.3	3
2	Optimization of the uidA gene transfer of Rosa hybrida via Agrobacterium tumefaciens: an assessment of factors influencing the efficiency of gene transfer. *Forestry Studies in China*, **2004**, 6, 9-14		1
1	Plant regeneration from excised hypocotyl explants of Platanus acerifolia willd. *In Vitro Cellular and Developmental Biology - Plant*, **2002**, 38, 558-563	2.3	10