

Zhiru

List of Publications by Citations

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Version: 2024-04-28

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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.

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	Colchicine-induced chromosome doubling in <i>Platanus acerifolia</i> and its effect on plant morphology. <i>Euphytica</i> , 2007 , 157, 145-154	2.1	98
69	Disequilibrium of Flavonol Synthase and Dihydroflavonol-4-Reductase Expression Associated Tightly to White vs. Red Color Flower Formation in Plants. <i>Frontiers in Plant Science</i> , 2015 , 6, 1257	6.2	76
68	Overexpression of <i>Rosa rugosa</i> anthocyanidin reductase enhances tobacco tolerance to abiotic stress through increased ROS scavenging and modulation of ABA signaling. <i>Plant Science</i> , 2016 , 245, 35-49	5.3	34
67	Genome-wide identification and characterization of the SBP-box gene family in <i>Petunia</i> . <i>BMC Genomics</i> , 2018 , 19, 193	4.5	31
66	De novo comparative transcriptome analysis provides new insights into sucrose induced somatic embryogenesis in camphor tree (<i>Cinnamomum camphora</i> L.). <i>BMC Genomics</i> , 2016 , 17, 26	4.5	28
65	Primary and repetitive secondary somatic embryogenesis in <i>Rosa hybrida</i> Bamantha. <i>Plant Cell, Tissue and Organ Culture</i> , 2012 , 109, 411-418	2.7	26
64	Hybrid sequencing and map finding (HySeMaFi): optional strategies for extensively deciphering gene splicing and expression in organisms without reference genome. <i>Scientific Reports</i> , 2017 , 7, 43793	4.9	23
63	Extraction of high-quality tissue-specific RNA from London plane trees (<i>Platanus acerifolia</i>), permitting the construction of a female inflorescence cDNA library. <i>Functional Plant Biology</i> , 2008 , 35, 159-165	2.7	23
62	RrMYB5- and RrMYB10-regulated flavonoid biosynthesis plays a pivotal role in feedback loop responding to wounding and oxidation in <i>Rosa rugosa</i> . <i>Plant Biotechnology Journal</i> , 2019 , 17, 2078-2095	11.6	22
61	Long-term cultured callus and the effect factor of high-frequency plantlet regeneration and somatic embryogenesis maintenance in <i>Zoysia japonica</i> . <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2009 , 45, 673-680	2.3	21
60	Enhancement of somatic embryogenesis in camphor tree (<i>Cinnamomum camphora</i> L.): osmotic stress and other factors affecting somatic embryo formation on hormone-free medium. <i>Trees - Structure and Function</i> , 2009 , 23, 1033-1042	2.6	20
59	Cyclic secondary somatic embryogenesis and efficient plant regeneration in camphor tree (<i>Cinnamomum camphora</i> L.). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2010 , 46, 117-125	2.3	20
58	Quantitative Proteomic Analysis Provides Novel Insights into Cold Stress Responses in <i>Petunia</i> Seedlings. <i>Frontiers in Plant Science</i> , 2016 , 7, 136	6.2	19
57	Antisense RhMLO1 Gene Transformation Enhances Resistance to the Powdery Mildew Pathogen in <i>Rosa multiflora</i> . <i>Plant Molecular Biology Reporter</i> , 2015 , 33, 1659-1665	1.7	17
56	The Divergence of Flowering Time Modulated by Is Independent to Their Interaction and Binding Activities. <i>Frontiers in Plant Science</i> , 2017 , 8, 697	6.2	17
55	Factors affecting somatic embryogenesis in anther cultures of Chinese pink (<i>Dianthus chinensis</i> L.). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2008 , 44, 194-202	2.3	16
54	An anther-specific gene PhGRP is regulated by PhMYC2 and causes male sterility when overexpressed in <i>petunia</i> anthers. <i>Plant Cell Reports</i> , 2017 , 36, 1401-1415	5.1	15

53	Functional conservation and divergence of five SEPALLATA-like genes from a basal eudicot tree, <i>Platanus acerifolia</i> . <i>Planta</i> , 2017 , 245, 439-457	4.7	15
52	Overexpression of Petunia SOC1-like Gene FBP21 in Tobacco Promotes Flowering Without Decreasing Flower or Fruit Quantity. <i>Plant Molecular Biology Reporter</i> , 2011 , 29, 573-581	1.7	15
51	Transcriptomic Analysis of Differentially Expressed Genes during Flower Organ Development in Genetic Male Sterile and Male Fertile <i>Tagetes erecta</i> by Digital Gene-Expression Profiling. <i>PLoS ONE</i> , 2016 , 11, e0150892	3.7	15
50	Genetic alteration with variable intron/exon organization amongst five PI-homoeologous genes in <i>Platanus acerifolia</i> . <i>Gene</i> , 2011 , 473, 82-91	3.8	14
49	Characterization and Functional Analysis of Five MADS-Box B Class Genes Related to Floral Organ Identification in <i>Tagetes erecta</i> . <i>PLoS ONE</i> , 2017 , 12, e0169777	3.7	13
48	Transcriptional profiling of Petunia seedlings reveals candidate regulators of the cold stress response. <i>Frontiers in Plant Science</i> , 2015 , 6, 118	6.2	12
47	Factors affecting Agrobacterium-mediated genetic transformation of embryogenic callus of <i>Parthenocissus tricuspidata</i> Planch. <i>Plant Cell, Tissue and Organ Culture</i> , 2010 , 102, 373-380	2.7	11
46	Overexpression of particular MADS-box transcription factors in heat-stressed plants induces chloroplast biogenesis in petals. <i>Plant, Cell and Environment</i> , 2019 , 42, 1545-1560	8.4	11
45	Overexpression of a Mei (<i>Prunus mume</i>) CBF gene confers tolerance to freezing and oxidative stress in <i>Arabidopsis</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2016 , 126, 373-385	2.7	10
44	An efficient system to produce transgenic plants via cyclic leave-originated secondary somatic embryogenesis in <i>Rosa rugosa</i> . <i>Acta Physiologiae Plantarum</i> , 2014 , 36, 2013-2023	2.6	10
43	Plant regeneration from excised hypocotyl explants of <i>Platanus acerifolia</i> Willd. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2002 , 38, 558-563	2.3	10
42	Genome-wide identification and classification of the and gene families in , and transcriptional analysis under heat stress. <i>PeerJ</i> , 2019 , 7, e7312	3.1	10
41	Isolation and expression analysis of a LEAFY/FLORICAULA homolog and its promoter from London plane (<i>Platanus acerifolia</i> Willd.). <i>Plant Cell Reports</i> , 2012 , 31, 1851-65	5.1	9
40	A study of heterosis, combining ability and heritability between two male sterile lines and ten inbred lines of <i>Tagetes patula</i> . <i>Euphytica</i> , 2015 , 203, 349-366	2.1	8
39	Characterization of a novel male sterile mutant of <i>Tagetes patula</i> induced by heat shock. <i>Euphytica</i> , 2014 , 200, 159-173	2.1	8
38	LIDREB1G, a novel DREB subfamily gene from <i>Lilium longiflorum</i> , can enhance transgenic <i>Arabidopsis</i> tolerance to multiple abiotic stresses. <i>Plant Cell, Tissue and Organ Culture</i> , 2019 , 138, 489-506	2.7	6
37	Genome-wide identification and characterization of the ALOG gene family in Petunia. <i>BMC Plant Biology</i> , 2019 , 19, 600	5.3	6
36	Identification and Characterization of the FLOWERING LOCUS T/TERMINAL FLOWER 1 Gene Family in. <i>DNA and Cell Biology</i> , 2019 , 38, 982-995	3.6	5

35	Transcriptional profile of differentially expressed genes related to abortive flower buds under short light period stress in petunia. <i>Scientia Horticulturae</i> , 2013 , 164, 323-332	4.1	5
34	A pFBP6::Barnase Construct Resulted in Stigma and Style Ablation and Floral Abscission in Transgenic Tobacco. <i>Plant Molecular Biology Reporter</i> , 2012 , 30, 1196-1203	1.7	5
33	Genetic diversity and genetic structure of different populations of the endangered species <i>Davidia involucreata</i> in China detected by inter-simple sequence repeat analysis. <i>Trees - Structure and Function</i> , 2011 , 25, 1063-1071	2.6	5
32	Single-repeat R3 MYB transcription factors from <i>Platanus acerifolia</i> negatively regulate trichome formation in <i>Arabidopsis</i> . <i>Planta</i> , 2019 , 249, 861-877	4.7	5
31	Identification and characterization of FRUITFULL-like genes from <i>Platanus acerifolia</i> , a basal eudicot tree. <i>Plant Science</i> , 2019 , 280, 206-218	5.3	5
30	The identification of novel PMADS3 interacting proteins indicates a role in post-transcriptional control. <i>Gene</i> , 2015 , 564, 87-95	3.8	4
29	Integrating physiological and metabolites analysis to identify ethylene involvement in petal senescence in <i>Tulipa gesneriana</i> . <i>Plant Physiology and Biochemistry</i> , 2020 , 149, 121-131	5.4	4
28	Mapping a double flower phenotype-associated gene DcAP2L in <i>Dianthus chinensis</i> . <i>Journal of Experimental Botany</i> , 2020 , 71, 1915-1927	7	4
27	Four SQUAMOSA PROMOTER BINDING PROTEIN-LIKE homologs from a basal eudicot tree (<i>Platanus acerifolia</i>) show diverse expression pattern and ability of inducing early flowering in <i>Arabidopsis</i> . <i>Trees - Structure and Function</i> , 2016 , 30, 1417-1428	2.6	4
26	Functional Analysis of the Marigold (<i>Tagetes erecta</i>) Lycopene Cyclase (TeLCYe) Promoter in Transgenic Tobacco. <i>Molecular Biotechnology</i> , 2019 , 61, 703-713	3	4
25	PaMYB82 from <i>Platanus acerifolia</i> regulates trichome development in transgenic <i>Arabidopsis</i> . <i>Plant Science</i> , 2019 , 287, 110177	5.3	4
24	Identification, Characterization and Functional Analysis of C-Class Genes Associated with Double Flower Trait in Carnation (L.). <i>Plants</i> , 2020 , 9,	4.5	4
23	miR156/157 Targets SPLs to Regulate Flowering Transition, Plant Architecture and Flower Organ Size in <i>Petunia</i> . <i>Plant and Cell Physiology</i> , 2021 , 62, 839-857	4.9	4
22	Somatic embryogenesis and plant regeneration from petioles of <i>Parthenocissus tricuspidata</i> planch. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2006 , 42, 520-524	2.3	3
21	Identification, characterization and functional analysis of AGAMOUS subfamily genes associated with floral organs and seed development in Marigold (<i>Tagetes erecta</i>). <i>BMC Plant Biology</i> , 2020 , 20, 439	5.3	3
20	Genome-Wide Identification, Characterization and Expression Analysis of TCP Transcription Factors in. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
19	A conservative pathway for coordination of cell wall biosynthesis and cell cycle progression in plants. <i>Plant Journal</i> , 2021 , 106, 630-648	6.9	3
18	Tissue-Specific Expression of the Terpene Synthase Family Genes in and Effect of Abiotic Stress Conditions.. <i>Genes</i> , 2022 , 13,	4.2	3

17	Functional analysis of the promoters of B-class MADS-box genes in London plane tree and their application in genetic engineering of sterility. <i>Plant Cell, Tissue and Organ Culture</i> , 2017 , 130, 279-288	2.7	2
16	A rapid and efficient in vitro shoot regeneration protocol using cotyledons of London plane tree (<i>Platanus acerifolia</i> Willd.). <i>Plant Growth Regulation</i> , 2017 , 83, 245-252	3.2	2
15	Isolation and functional characterization of the promoter of SEPALLATA3 gene in London plane and its application in genetic engineering of sterility. <i>Plant Cell, Tissue and Organ Culture</i> , 2019 , 136, 109-121	2.7	2
14	Genetic manipulation of Soc1-like genes promotes photosynthesis in flowers and leaves and enhances plant tolerance to high temperature. <i>Plant Biotechnology Journal</i> , 2021 , 19, 8-10	11.6	2
13	Reduced Expression of Is Associated with the Phenotype of a Flower-Defective. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	1
12	Optimization of the uidA gene transfer of <i>Rosa hybrida</i> via <i>Agrobacterium tumefaciens</i> : an assessment of factors influencing the efficiency of gene transfer. <i>Forestry Studies in China</i> , 2004 , 6, 9-14		1
11	Homeostatic regulation of flavonoid and lignin biosynthesis in phenylpropanoid pathway of transgenic tobacco. <i>Gene</i> , 2022 , 809, 146017	3.8	1
10	Identification and characterization of PaGL1-like genes from <i>Platanus acerifolia</i> related to the regulation of trichomes. <i>Plant Molecular Biology</i> , 2020 , 104, 235-248	4.6	1
9	Functional conservation and divergence of SEPALLATA-like genes in the development of two-type florets in marigold. <i>Plant Science</i> , 2021 , 309, 110938	5.3	1
8	Nonglandular prickle formation is associated with development and secondary metabolism-related genes in <i>Rosa multiflora</i> . <i>Physiologia Plantarum</i> , 2021 , 173, 1147-1162	4.6	1
7	Two FD homologs from London plane (<i>Platanus acerifolia</i>) are associated with floral initiation and flower morphology. <i>Plant Science</i> , 2021 , 310, 110971	5.3	1
6	Functional Conservation and Divergence of Five -like Genes in Marigold (L.). <i>Genes</i> , 2021 , 12,	4.2	1
5	A Class II TCP Transcription Factor PaTCP4 from Regulates Trichome Formation in. <i>DNA and Cell Biology</i> , 2021 , 40, 1235-1250	3.6	0
4	Regulation of alternative splicing of PaFT and PaFDL1, the FT and FD homologs in <i>Platanus acerifolia</i> .. <i>Gene</i> , 2022 , 146506	3.8	0
3	Molecular cloning, characterization, and functional analysis of CcBBM gene from camphor tree (<i>Cinnamomum camphora</i> L.). <i>Trees - Structure and Function</i> , 2016 , 30, 1033-1043	2.6	
2	Comprehensive Genome-Wide Analysis of Histone Acetylation Genes in Roses and Expression Analyses in Response to Heat Stress. <i>Genes</i> , 2022 , 13, 980	4.2	
1	Morphological and Molecular Analyses of the Interaction between <i>Rosa multiflora</i> and <i>Podosphaera pannosa</i> . <i>Genes</i> , 2022 , 13, 1003	4.2	