

Wusheng Liu

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,731
citations

516710

16
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

3525
citing authors

#	ARTICLE	IF	CITATIONS
1	New opportunities for using <i>WUS</i> and <i>BBM</i> and <i>GRF-GIF</i> genes to enhance genetic transformation of ornamental plants. <i>Ornamental Plant Research</i> , 2022, 2, 1-7.	0.9	5
2	Identification of Novel Genomic Regions for Bacterial Leaf Pustule (BLP) Resistance in Soybean (<i>Glycine max</i> L.) via Integrating Linkage Mapping and Association Analysis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2113.	4.1	2
3	Genotype-independent plant transformation. <i>Horticulture Research</i> , 2022, 9, uhac047.	6.3	21
4	<i>BrABF3</i> promotes flowering through the direct activation of <i>CONSTANS</i> transcription in pak choi. <i>Plant Journal</i> , 2022, 111, 134-148.	5.7	8
5	Coordinated transcriptional regulation of the carotenoid biosynthesis contributes to fruit lycopene content in high-lycopene tomato genotypes. <i>Horticulture Research</i> , 2022, 9, .	6.3	5
6	Rational design and testing of abiotic stress-inducible synthetic promoters from poplar <i>cis</i> -regulatory elements. <i>Plant Biotechnology Journal</i> , 2021, 19, 1354-1369.	8.3	27
7	Reproductive developmental transcriptome analysis of <i>Triplidium ravennae</i> (Poaceae). <i>BMC Genomics</i> , 2021, 22, 483.	2.8	1
8	An optimized protocol for stepwise optimization of real-time RT-PCR analysis. <i>Horticulture Research</i> , 2021, 8, 179.	6.3	38
9	Synthetic biology approaches in regulation of targeted gene expression. <i>Current Opinion in Plant Biology</i> , 2021, 63, 102036.	7.1	19
10	Lipofection-mediated genome editing using DNA-free delivery of the Cas9/gRNA ribonucleoprotein into plant cells. <i>Plant Cell Reports</i> , 2020, 39, 245-257.	5.6	66
11	Transcription factor <i>LkWOX4</i> is involved in adventitious root development in <i>Larix kaempferi</i> . <i>Gene</i> , 2020, 758, 144942.	2.2	7
12	<i>FaMYB9</i> is involved in the regulation of C6 volatile biosynthesis in strawberry. <i>Plant Science</i> , 2020, 293, 110422.	3.6	20
13	Transcription Coactivator <i>ANGUSTIFOLIA3</i> (<i>AN3</i>) Regulates Leafy Head Formation in Chinese Cabbage. <i>Frontiers in Plant Science</i> , 2019, 10, 520.	3.6	16
14	Embryogenic cell suspensions for high-capacity genetic transformation and regeneration of switchgrass (<i>Panicum virgatum</i> L.). <i>Biotechnology for Biofuels</i> , 2019, 12, 290.	6.2	14
15	A profilin gene promoter from switchgrass (<i>Panicum virgatum</i> L.) directs strong and specific transgene expression to vascular bundles in rice. <i>Plant Cell Reports</i> , 2018, 37, 587-597.	5.6	10
16	Switchgrass (<i>Panicum virgatum</i> L.) promoters for green tissue-specific expression of the MYB4 transcription factor for reduced-recalcitrance transgenic switchgrass. <i>Biotechnology for Biofuels</i> , 2018, 11, 122.	6.2	17
17	Plant synthetic promoters and transcription factors. <i>Current Opinion in Biotechnology</i> , 2016, 37, 36-44.	6.6	115
18	Field Studies on Dynamic Pollen Production, Deposition, and Dispersion of Glyphosate-Resistant Horseweed (<i>Conyza canadensis</i>). <i>Weed Science</i> , 2016, 64, 101-111.	1.5	11

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19	Plant synthetic biology. Trends in Plant Science, 2015, 20, 309-317.	8.8	144
20	The performance of pathogenic bacterial phyto-sensing transgenic tobacco in the field. Plant Biotechnology Journal, 2014, 12, 755-764.	8.3	13
21	Synthetic <sc>TAL</sc> effectors for targeted enhancement of transgene expression in plants. Plant Biotechnology Journal, 2014, 12, 436-446.	8.3	18
22	Computational discovery of soybean promoter <i>cis</i>-regulatory elements for the construction of soybean cyst nematode-inducible synthetic promoters. Plant Biotechnology Journal, 2014, 12, 1015-1026.	8.3	42
23	Advanced genetic tools for plant biotechnology. Nature Reviews Genetics, 2013, 14, 781-793.	16.3	188
24	Overexpression of a soybean salicylic acid methyltransferase gene confers resistance to soybean cyst nematode. Plant Biotechnology Journal, 2013, 11, 1135-1145.	8.3	61
25	Bacterial pathogen phyto-sensing in transgenic tobacco and <i>sc>Arabidopsis</i> plants. Plant Biotechnology Journal, 2013, 11, 43-52.	8.3	30
26	Gene expression profiling of resistant and susceptible soybean lines infected with soybean cyst nematode. Theoretical and Applied Genetics, 2011, 123, 1193-206.	3.6	49
27	Rapid in vivo analysis of synthetic promoters for plant pathogen phyto-sensing. BMC Biotechnology, 2011, 11, 108.	3.3	50
28	Switchgrass (<i>Panicum virgatum</i> L.) polyubiquitin gene (PvUbi1 and PvUbi2) promoters for use in plant transformation. BMC Biotechnology, 2011, 11, 74.	3.3	69
29	The presence of multiple introns is essential for ERECTA expression in Arabidopsis. Rna, 2011, 17, 1907-1921.	3.5	56
30	The tortoise and the hare II: relative utility of 21 noncoding chloroplast DNA sequences for phylogenetic analysis. American Journal of Botany, 2005, 92, 142-166.	1.7	1,605