

Pil Joong Chung

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

971
citations

623734

14
h-index

1058476

14
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14
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docs citations

14
times ranked

1195
citing authors

#	ARTICLE	IF	CITATIONS
1	Overexpression of OsNAC14 Improves Drought Tolerance in Rice. <i>Frontiers in Plant Science</i> , 2018, 9, 310.	3.6	158
2	The rice OsNAC6 transcription factor orchestrates multiple molecular mechanisms involving root structural adaptations and nicotianamine biosynthesis for drought tolerance. <i>Plant Biotechnology Journal</i> , 2017, 15, 754-764.	8.3	132
3	Overexpression of <i>OsERF48</i> causes regulation of <i>OsCML16</i> , a calmodulin-like protein gene that enhances root growth and drought tolerance. <i>Plant Biotechnology Journal</i> , 2017, 15, 1295-1308.	8.3	131
4	Transcriptome profiling of drought responsive noncoding RNAs and their target genes in rice. <i>BMC Genomics</i> , 2016, 17, 563.	2.8	104
5	Overexpression of <i>OstF1L</i> , a rice HD-Zip transcription factor, promotes lignin biosynthesis and stomatal closure that improves drought tolerance. <i>Plant Biotechnology Journal</i> , 2019, 17, 118-131.	8.3	101
6	The NF-YA transcription factor OsNF-YA7 confers drought stress tolerance of rice in an abscisic acid independent manner. <i>Plant Science</i> , 2015, 241, 199-210.	3.6	99
7	Genome-wide analyses of direct target genes of four rice NAC-domain transcription factors involved in drought tolerance. <i>BMC Genomics</i> , 2018, 19, 40.	2.8	60
8	Light-Inducible MiR163 Targets <i>PXMT1</i> Transcripts to Promote Seed Germination and Primary Root Elongation in Arabidopsis. <i>Plant Physiology</i> , 2016, 170, 1772-1782.	4.8	51
9	Jasmonate Zim-Domain Protein 9 Interacts With Slender Rice 1 to Mediate the Antagonistic Interaction Between Jasmonic and Gibberellic Acid Signals in Rice. <i>Frontiers in Plant Science</i> , 2018, 9, 1866.	3.6	27
10	Allantoin accumulation through overexpression of <i>ureide permease1</i> improves rice growth under limited nitrogen conditions. <i>Plant Biotechnology Journal</i> , 2019, 17, 1289-1301.	8.3	26
11	Efficiency of Recombinant CRISPR/rCas9-Mediated miRNA Gene Editing in Rice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9606.	4.1	26
12	Genome-wide identification of grain filling genes regulated by the OsSMF1 transcription factor in rice. <i>Rice</i> , 2017, 10, 16.	4.0	23
13	Rice <i>microRNA171f/SCL6</i> module enhances drought tolerance by regulation of flavonoid biosynthesis genes. <i>Plant Direct</i> , 2022, 6, e374.	1.9	19
14	Genetic chimerism of CRISPR/Cas9-mediated rice mutants. <i>Plant Biotechnology Reports</i> , 2016, 10, 425-435.	1.5	14