

Shuen-Fang Lo

List of Publications by Year in Descending Order

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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.

20
papers

864
citations

9
h-index

20
g-index

20
ext. papers

1,104
ext. citations

6.7
avg, IF

3.79
L-index

#	Paper	IF	Citations
20	Using Machine Learning Approaches to Predict Target Gene Expression in Rice T-DNA Insertional Mutants.. <i>Frontiers in Genetics</i> , 2021 , 12, 798107	4.5	0
19	Closer vein spacing by ectopic expression of nucleotide-binding and leucine-rich repeat proteins in rice leaves. <i>Plant Cell Reports</i> , 2021 , 1	5.1	0
18	Comparisons within the Rice GA 2-Oxidase Gene Family Revealed Three Dominant Paralogs and a Functional Attenuated Gene that Led to the Identification of Four Amino Acid Variants Associated with GA Deactivation Capability. <i>Rice</i> , 2021 , 14, 70	5.8	1
17	How does rice cope with too little oxygen during its early life?. <i>New Phytologist</i> , 2021 , 229, 36-41	9.8	8
16	Rice Big Grain 1 promotes cell division to enhance organ development, stress tolerance and grain yield. <i>Plant Biotechnology Journal</i> , 2020 , 18, 1969-1983	11.6	8
15	EAT-Rice: A predictive model for flanking gene expression of T-DNA insertion activation-tagged rice mutants by machine learning approaches. <i>PLoS Computational Biology</i> , 2019 , 15, e1006942	5	4
14	The Nucleotide-Dependent Interactome of Rice Heterotrimeric G-Protein β Subunit. <i>Proteomics</i> , 2019 , 19, e1800385	4.8	2
13	Ectopic expression of specific GA2 oxidase mutants promotes yield and stress tolerance in rice. <i>Plant Biotechnology Journal</i> , 2017 , 15, 850-864	11.6	51
12	Ectopic Expression of WINDING 1 Leads to Asymmetrical Distribution of Auxin and a Spiral Phenotype in Rice. <i>Plant and Cell Physiology</i> , 2017 , 58, 1494-1506	4.9	1
11	Candidate regulators of Early Leaf Development in Maize Perturb Hormone Signalling and Secondary Cell Wall Formation When Constitutively Expressed in Rice. <i>Scientific Reports</i> , 2017 , 7, 4535	4.9	9
10	Large-scale phenomics analysis of a T-DNA tagged mutant population. <i>GigaScience</i> , 2017 , 6, 1-7	7.6	7
9	Lack of Genotype and Phenotype Correlation in a Rice T-DNA Tagged Line Is Likely Caused by Introgression in the Seed Source. <i>PLoS ONE</i> , 2016 , 11, e0155768	3.7	5
8	Genetic resources offer efficient tools for rice functional genomics research. <i>Plant, Cell and Environment</i> , 2016 , 39, 998-1013	8.4	33
7	Source-Sink Communication: Regulated by Hormone, Nutrient, and Stress Cross-Signaling. <i>Trends in Plant Science</i> , 2015 , 20, 844-857	13.1	155
6	A late embryogenesis abundant protein HVA1 regulated by an inducible promoter enhances root growth and abiotic stress tolerance in rice without yield penalty. <i>Plant Biotechnology Journal</i> , 2015 , 13, 105-16	11.6	52
5	Increasing leaf vein density by mutagenesis: laying the foundations for C4 rice. <i>PLoS ONE</i> , 2014 , 9, e94947	4.7	23
4	Ectopic expression of OsMADS45 activates the upstream genes Hd3a and RFT1 at an early development stage causing early flowering in rice. <i>Botanical Studies</i> , 2013 , 54, 12	2.3	6

3	Serotonin accumulation in transgenic rice by over-expressing tryptophan decarboxylase results in a dark brown phenotype and stunted growth. <i>Plant Molecular Biology</i> , 2012 , 78, 525-43	4.6	40
2	A novel class of gibberellin 2-oxidases control semidwarfism, tillering, and root development in rice. <i>Plant Cell</i> , 2008 , 20, 2603-18	11.6	287
1	A rice gene activation/knockout mutant resource for high throughput functional genomics. <i>Plant Molecular Biology</i> , 2007 , 63, 351-64	4.6	172