Shuen-Fang Lo

List of Publications by Citations

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	A novel class of gibberellin 2-oxidases control semidwarfism, tillering, and root development in rice. *Plant Cell*, **2008**, 20, 2603-18	11.6	287
19	A rice gene activation/knockout mutant resource for high throughput functional genomics. *Plant Molecular Biology*, **2007**, 63, 351-64	4.6	172
18	Source-Sink Communication: Regulated by Hormone, Nutrient, and Stress Cross-Signaling. *Trends in Plant Science*, **2015**, 20, 844-857	13.1	155
17	A late embryogenesis abundant protein HVA1 regulated by an inducible promoter enhances root growth and abiotic stress tolerance in rice without yield penalty. *Plant Biotechnology Journal*, **2015**, 13, 105-16	11.6	52
16	Ectopic expression of specific GA2 oxidase mutants promotes yield and stress tolerance in rice. *Plant Biotechnology Journal*, **2017**, 15, 850-864	11.6	51
15	Serotonin accumulation in transgenic rice by over-expressing tryptophan decarboxylase results in a dark brown phenotype and stunted growth. *Plant Molecular Biology*, **2012**, 78, 525-43	4.6	40
14	Genetic resources offer efficient tools for rice functional genomics research. *Plant, Cell and Environment*, **2016**, 39, 998-1013	8.4	33
13	Increasing leaf vein density by mutagenesis: laying the foundations for C4 rice. *PLoS ONE*, **2014**, 9, e94947	3.7	23
12	Candidate regulators of Early Leaf Development in Maize Perturb Hormone Signalling and Secondary Cell Wall Formation When Constitutively Expressed in Rice. *Scientific Reports*, **2017**, 7, 4535	4.9	9
11	Rice Big Grain 1 promotes cell division to enhance organ development, stress tolerance and grain yield. *Plant Biotechnology Journal*, **2020**, 18, 1969-1983	11.6	8
10	How does rice cope with too little oxygen during its early life?. *New Phytologist*, **2021**, 229, 36-41	9.8	8
9	Large-scale phenomics analysis of a T-DNA tagged mutant population. *GigaScience*, **2017**, 6, 1-7	7.6	7
8	Ectopic expression of OsMADS45 activates the upstream genes Hd3a and RFT1 at an early development stage causing early flowering in rice. *Botanical Studies*, **2013**, 54, 12	2.3	6
7	Lack of Genotype and Phenotype Correlation in a Rice T-DNA Tagged Line Is Likely Caused by Introgression in the Seed Source. *PLoS ONE*, **2016**, 11, e0155768	3.7	5
6	EAT-Rice: A predictive model for flanking gene expression of T-DNA insertion activation-tagged rice mutants by machine learning approaches. *PLoS Computational Biology*, **2019**, 15, e1006942	5	4
5	The Nucleotide-Dependent Interactome of Rice Heterotrimeric G-Protein Subunit. *Proteomics*, **2019**, 19, e1800385	4.8	2
4	Ectopic Expression of WINDING 1 Leads to Asymmetrical Distribution of Auxin and a Spiral Phenotype in Rice. *Plant and Cell Physiology*, **2017**, 58, 1494-1506	4.9	1

List of Publications

3	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. *Rice*, **2021**, 14, 70	5.8	1
2	Using Machine Learning Approaches to Predict Target Gene Expression in Rice T-DNA Insertional Mutants.. *Frontiers in Genetics*, **2021**, 12, 798107	4.5	0
1	Closer vein spacing by ectopic expression of nucleotide-binding and leucine-rich repeat proteins in rice leaves. *Plant Cell Reports*, **2021**, 1	5.1	0