Choun-Sea Lin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2186927/publications.pdf

Version: 2024-02-01

59 papers	4,991 citations	172457 29 h-index	144013 57 g-index
61 all docs	61 docs citations	61 times ranked	5665 citing authors

#	Article	IF	Citations
1	DNA-free CRISPR-Cas9 gene editing of wild tetraploid tomato Solanum peruvianum using protoplast regeneration. Plant Physiology, 2022, 188, 1917-1930.	4.8	39
2	Application of Protoplast Regeneration to CRISPR/Cas9 Mutagenesis in Nicotiana tabacum. Methods in Molecular Biology, 2022, 2464, 49-64.	0.9	2
3	ArabidopsisRAB8A, RAB8B and RAB8D Proteins Interact with Several RTNLB Proteins and are Involved in theAgrobacterium tumefaciensInfection Process. Plant and Cell Physiology, 2021, 62, 1572-1588.	3.1	8
4	Protoplasts: From Isolation to CRISPR/Cas Genome Editing Application. Frontiers in Genome Editing, 2021, 3, 717017.	5.2	34
5	Efficient and Economical Targeted Insertion in Plant Genomes via Protoplast Regeneration. CRISPR Journal, 2021, 4, 752-760.	2.9	9
6	Highâ€efficiency <scp>CRISPR</scp>/Casâ€based editing of Phalaenopsis orchid <scp>MADS</scp> genes. Plant Biotechnology Journal, 2020, 18, 889-891.	8.3	55
7	High-performance FRET biosensors for single-cell and in vivo lead detection. Biosensors and Bioelectronics, 2020, 168, 112571.	10.1	21
8	Plastid Transformation: How Does it Work? Can it Be Applied to Crops? What Can it Offer?. International Journal of Molecular Sciences, 2020, 21, 4854.	4.1	47
9	How to start your monocot CRISPR/Cas project: plasmid design, efficiency detection, and offspring analysis. Rice, 2020, 13, 9.	4.0	15
10	Genome Editing and Protoplast Regeneration to Study Plantâ€“Pathogen Interactions in the Model Plant Nicotiana benthamiana. Frontiers in Genome Editing, 2020, 2, 627803.	5.2	17
11	Application of Cas12a and nCas9-activation-induced cytidine deaminase for genome editing and as a non-sexual strategy to generate homozygous/multiplex edited plants in the allotetraploid genome of tobacco. Plant Molecular Biology, 2019, 101, 355-371.	3.9	27
12	Genome Sequences Provide Insights into the Reticulate Origin and Unique Traits of Woody Bamboos. Molecular Plant, 2019, 12, 1353-1365.	8.3	116
13	Regulatory cascade involving transcriptional and N-end rule pathways in rice under submergence. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3300-3309.	7.1	67
14	Application of protoplast technology to CRISPR/Cas9 mutagenesis: from singleâ€cell mutation detection to mutant plant regeneration. Plant Biotechnology Journal, 2018, 16, 1295-1310.	8.3	222
15	Effects of OsCDPK1 on the Structure and Physicochemical Properties of Starch in Developing Rice Seeds. International Journal of Molecular Sciences, 2018, 19, 3247.	4.1	10
16	Concomitant loss of <scp>NDH</scp> complexâ€related genes within chloroplast and nuclear genomes in some orchids. Plant Journal, 2017, 90, 994-1006.	5.7	99
17	Two reported cytotypes of the emergent orchid model species Erycina pusilla are two different species. Euphytica, 2017, 213, 1.	1.2	4
18	Flowering of Woody Bamboo in Tissue Culture Systems. Frontiers in Plant Science, 2017, 8, 1589.	3.6	20

#	Article	IF	Citations
19	Lineage-Specific Reductions of Plastid Genomes in an Orchid Tribe with Partially and Fully Mycoheterotrophic Species. Genome Biology and Evolution, 2016, 8, 2164-2175.	2.5	81
20	A Genetic Algorithm for Diploid Genome Reconstruction Using Paired-End Sequencing. PLoS ONE, 2016, 11, e0166721.	2.5	3
21	Phylogenomics and Plastome Evolution of Tropical Forest Grasses (Leptaspis, Streptochaeta: Poaceae). Frontiers in Plant Science, 2016, 7, 1993.	3.6	49
22	Transcriptomeâ€wide analysis of the <scp>MADS</scp>â€box gene family in the orchid <scp>E</scp>rycina pusilla. Plant Biotechnology Journal, 2016, 14, 284-298.	8.3	74
23	Molecular Characterization of Ethylene Response Sensor 1 (BoERS1) in Bambusa oldhamii. Plant Molecular Biology Reporter, 2016, 34, 387-398.	1.8	0
24	Chloroplast genomes: diversity, evolution, and applications in genetic engineering. Genome Biology, 2016, 17, 134.	8.8	1,013
25	NDH expression marks major transitions in plant evolution and reveals coordinate intracellular gene loss. BMC Plant Biology, 2015, 15, 100.	3.6	89
26	Cytogenetic and cytometric analyses in artificial intercytotypic hybrids of the emergent orchid model species Erycina pusilla. Euphytica, 2015, 206, 533-539.	1.2	7
27	The location and translocation of ndh genes of chloroplast origin in the Orchidaceae family. Scientific Reports, 2015, 5, 9040.	3.3	143
28	Establishment of an Agrobacterium-mediated genetic transformation procedure for the experimental model orchid Erycina pusilla. Plant Cell, Tissue and Organ Culture, 2015, 120, 211-220.	2.3	48
29	BeMADS1 is a key to delivery MADSs into nucleus in reproductive tissues-De novo characterization of Bambusa edulis transcriptome and study of MADS genes in bamboo floral development. BMC Plant Biology, 2014, 14, 179.	3.6	35
30	MSRB7 reverses oxidation of GSTF2/3 to confer tolerance of Arabidopsis thaliana to oxidative stress. Journal of Experimental Botany, 2014, 65, 5049-5062.	4.8	58
31	Catalog of Erycina pusilla miRNA and categorization of reproductive phase-related miRNAs and their target gene families. Plant Molecular Biology, 2013, 82, 193-204.	3.9	39
32	Global transcriptome analysis and identification of a CONSTANS-like gene family in the orchid Erycina pusilla. Planta, 2013, 237, 1425-1441.	3.2	42
33	Differential Expression of Genes Encoding Acid Invertases in Multiple Shoots of Bamboo in Response to Various Phytohormones and Environmental Factors. Journal of Agricultural and Food Chemistry, 2013, 61, 4396-4405.	5.2	16
34	Arabidopsis Root-Abundant Cytosolic Methionine Sulfoxide Reductase B Genes MsrB7 and MsrB8 are Involved in Tolerance to Oxidative Stress. Plant and Cell Physiology, 2012, 53, 1707-1719.	3.1	54
35	Screening a cDNA Library for Proteinâ€“Protein Interactions Directly in Planta. Plant Cell, 2012, 24, 1746-1759.	6.6	60
36	Complete Chloroplast Genome Sequence of an Orchid Model Plant Candidate: Erycina pusilla Apply in Tropical Oncidium Breeding. PLoS ONE, 2012, 7, e34738.	2.5	70

#	Article	IF	Citations
37	The Application of the Chloroplast Genome of Oncidium in Plant Identification and Breeding in Oncidiinae. , 2011, , 253-266.		0
38	Analysis of the expression of BohLOL1, which encodes an LSD1-like zinc finger protein in Bambusa oldhamii. Planta, 2011, 234, 1179-1189.	3.2	17
39	Integration of molecular biology tools for identifying promoters and genes abundantly expressed in flowers of Oncidium Gower Ramsey. BMC Plant Biology, 2011, 11, 60.	3.6	27
40	Ectopic expression of an EAR motif deletion mutant of SlERF3 enhances tolerance to salt stress and Ralstonia solanacearum in tomato. Planta, 2010, 232, 1075-1086.	3.2	59
41	Complete chloroplast genome of Oncidium Gower Ramsey and evaluation of molecular markers for identification and breeding in Oncidiinae. BMC Plant Biology, 2010, 10, 68.	3.6	161
42	Analysis of the cellulose synthase genes associated with primary cell wall synthesis in Bambusa oldhamii. Phytochemistry, 2010, 71, 1270-1279.	2.9	26
43	The Arabidopsis Nitrate Transporter NRT1.7, Expressed in Phloem, Is Responsible for Source-to-Sink Remobilization of Nitrate Â. Plant Cell, 2009, 21, 2750-2761.	6.6	307
44	Identification of repressed gene transcript accumulation in three albino mutants of Bambusa edulis Munro by cDNA microarray analysis. Journal of the Science of Food and Agriculture, 2009, 89, 2308-2316.	3.5	4
45	Tape-Arabidopsis Sandwich - a simpler Arabidopsis protoplast isolation method. Plant Methods, 2009, 5, 16.	4.3	750
46	Establishment of a cDNA library from Bambusa edulis Murno in vitro-grown shoots. Plant Cell, Tissue and Organ Culture, 2008, 95, 21-27.	2.3	9
47	Anticancer effects of tanshinone I in human non-small cell lung cancer. Molecular Cancer Therapeutics, 2008, 7, 3527-3538.	4.1	119
48	Mutation of the Arabidopsis NRT1.5 Nitrate Transporter Causes Defective Root-to-Shoot Nitrate Transport Â. Plant Cell, 2008, 20, 2514-2528.	6.6	419
49	Differential Protein Expression of Two Photosystem II Subunits, PsbO and PsbP, in an Albino Mutant of Bambusa edulis with Chloroplast DNA Aberration. Journal of the American Society for Horticultural Science, 2008, 133, 270-277.	1.0	7
50	Improving Multiple Shoot Proliferation in Bamboo Mosaic Virus-free Bambusa oldhamii Munro Propagation by Liquid Culture. Hortscience: A Publication of the American Society for Hortcultural Science, 2007, 42, 1243-1246.	1.0	18
51	In vitro flowering of green and albino Dendrocalamus latiflorus. New Forests, 2007, 34, 177-186.	1.7	29
52	Chloroplast genome aberration in micropropagation-derived albino Bambusa edulis mutants, ab1 and ab2. Plant Cell, Tissue and Organ Culture, 2007, 88, 147-156.	2.3	24
53	Identification of ESTs differentially expressed in green and albino mutant bamboo (Bambusa edulis) by suppressive subtractive hybridization (SSH) and microarray analysis. Plant Cell, Tissue and Organ Culture, 2006, 86, 169-175.	2.3	23
54	Changes in the Morphology and Cation Content of a Bambusa edulis Xylem Mutant, vse, Derived from Somaclonal Variation. Journal of the American Society for Horticultural Science, 2006, 131, 445-451.	1.0	3

#	Article	IF	Citations
55	Shoot regeneration, re-flowering and post flowering survival in bamboo inflorescence culture. Plant Cell, Tissue and Organ Culture, 2005, 82, 243-249.	2.3	13
56	Effects of Growth Regulators on Direct Flowering of Isolated Ginseng Buds in vitro. Plant Cell, Tissue and Organ Culture, 2005, 83, 241-244.	2.3	7
57	Mutation of a Nitrate Transporter, AtNRT1:4, Results in a Reduced Petiole Nitrate Content and Altered Leaf Development. Plant and Cell Physiology, 2004, 45, 1139-1148.	3.1	208
58	Title is missing!. Plant Cell, Tissue and Organ Culture, 2004, 76, 75-82.	2.3	56
59	Effects of growth regulators on inflorescence proliferation of Bambusa edulis. Plant Growth Regulation, 2004, 43, 221-225.	3.4	7