Yunjun Liu

List of Publications by Year
in descending order

21 papers	532 citations	759055 12 h-index	713332 21 g-index
24 all docs	24 docs citations	24 times ranked	717 citing authors

#	Article	IF	Citations
1	Water Deficit Affected Flavonoid Accumulation by Regulating Hormone Metabolism in Scutellaria baicalensis Georgi Roots. PLoS ONE, 2012, 7, e42946.	1.1	80
2	Generation of Transgene-Free Maize Male Sterile Lines Using the CRISPR/Cas9 System. Frontiers in Plant Science, 2018, 9, 1180.	1.7	76
3	A Scutellaria baicalensis R2R3-MYB gene, SbMYB8, regulates flavonoid biosynthesis and improves drought stress tolerance in transgenic tobacco. Plant Cell, Tissue and Organ Culture, 2015, 120, 961-972.	1.2	53
4	A Novel 5-Enolpyruvylshikimate-3-Phosphate Synthase Shows High Glyphosate Tolerance in Escherichia coli and Tobacco Plants. PLoS ONE, 2012, 7, e38718.	1.1	47
5	Overexpression of a novel Cry1Ie gene confers resistance to Cry1Ac-resistant cotton bollworm in transgenic lines of maize. Plant Cell, Tissue and Organ Culture, 2013, 115, 151-158.	1.2	47
6	Maize<i>Empty Pericarp602</i>Encodes a P-Type PPR Protein That Is Essential for Seed Development. Plant and Cell Physiology, 2019, 60, 1734-1746.	1.5	35
7	The Scutellaria baicalensis R2R3-MYB Transcription Factors Modulates Flavonoid Biosynthesis by Regulating GA Metabolism in Transgenic Tobacco Plants. PLoS ONE, 2013, 8, e77275.	1.1	26
8	Metabolic effects of glyphosate on transgenic maize expressing a G2-EPSPS gene from Pseudomonas fluorescens. Journal of Plant Biochemistry and Biotechnology, 2015, 24, 233-241.	0.9	26
9	Assessment of transgene copy number and zygosity of transgenic maize overexpressing Cry1Ie gene with SYBRÂ® Green qRT-PCR. In Vitro Cellular and Developmental Biology - Plant, 2015, 51, 125-134.	0.9	24
10	Two alternative splicing variants of maize HKT1;1 confer salt tolerance in transgenic tobacco plants. Plant Cell, Tissue and Organ Culture, 2015, 123, 569-578.	1.2	22
11	Development of monoclonal antibody-based sensitive ELISA for the determination of Cry1Ie protein in transgenic plant. Analytical and Bioanalytical Chemistry, 2016, 408, 8231-8239.	1.9	19
12	Nuclear-Encoded Maturase Protein 3 Is Required for the Splicing of Various Group II Introns in Mitochondria during Maize (<i>Zea mays</i>L.) Seed Development. Plant and Cell Physiology, 2021, 62, 293-305.	1.5	15
13	Transgenic tobacco simultaneously overexpressing glyphosate N-acetyltransferase and 5-enolpyruvylshikimate-3-phosphate synthase are more resistant to glyphosate than those containing one gene. Transgenic Research, 2015, 24, 753-763.	1.3	14
14	The pentatricopeptide repeat protein EMP603 is required for the splicing of mitochondrial<i>Nad1</i>intron 2 and seed development in maize. Journal of Experimental Botany, 2021, 72, 6933-6948.	2.4	12
15	Maize MS2 encodes an ATP-binding cassette transporter that is essential for anther development. Crop Journal, 2021, 9, 1301-1308.	2.3	10
16	Small kernel 501 (<i>smk501</i>) encodes the RUBylation activating enzyme E1 subunit ECR1 (E1) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 development in maize. New Phytologist, 2021, 230, 2337-2354.	3.5	8
17	Development of Monoclonal Antibodies Recognizing Linear Epitope: Illustration by Three <i>Bacillus thuringiensis</i> Crystal Proteins of Genetically Modified Cotton, Maize, and Tobacco. Journal of Agricultural and Food Chemistry, 2017, 65, 10115-10122.	2.4	6
18	Global Profiling of Alternative Splicing in Callus Induction of Immature Maize Embryo. In Vitro Cellular and Developmental Biology - Plant, 2020, 56, 159-168.	0.9	3

#	Article	IF	Citations
19	Characterization of maize <i>male sterile 2</i> mutant by phenotypic and <scp>RNA</scp> sequencing analyses. Plant Breeding, 2017, 136, 319-330.	1.0	1
20	Transcriptome analysis of <i>leafy</i> nearâ€isogenic lines provides molecular insights into floral transition in maize (<i>Zea mays</i>). Plant Breeding, 2020, 139, 883-891.	1.0	1
21	Epigenetic Mutation in a Tubulin Folding Cofactor B (<i>ZmTFCB</i>) Gene Arrests Kernel Development in Maize. Plant and Cell Physiology, 0, , .	1.5	0