Yubing He

List of Publications by Year
in descending order

18 papers	1,212 citations	687363 13 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	1447 citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering Herbicide-Resistant Rice Plants through CRISPR/Cas9-Mediated Homologous Recombination of Acetolactate Synthase. Molecular Plant, 2016, 9, 628-631.	8.3	416
2	Programmed Self-Elimination of the CRISPR/Cas9 Construct Greatly Accelerates the Isolation of Edited and Transgene-Free Rice Plants. Molecular Plant, 2018, 11, 1210-1213.	8.3	159
3	Precise gene replacement in rice by RNA transcript-templated homologous recombination. Nature Biotechnology, 2019, 37, 445-450.	17.5	110
4	A reporter for noninvasively monitoring gene expression and plant transformation. Horticulture Research, 2020, 7, 152.	6.3	103
5	Self-cleaving ribozymes enable the production of guide RNAs from unlimited choices of promoters for CRISPR/Cas9 mediated genome editing. Journal of Genetics and Genomics, 2017, 44, 469-472.	3.9	82
6	Characterization of an inositol 1,3,4-trisphosphate 5/6-kinase gene that is essential for drought and salt stress responses in rice. Plant Molecular Biology, 2011, 77, 547-563.	3.9	69
7	Technological breakthroughs in generating transgene-free and genetically stable CRISPR-edited plants. ABIOTECH, 2020, 1, 88-96.	3.9	57
8	Natural allelic variation in a modulator of auxin homeostasis improves grain yield and nitrogen use efficiency in rice. Plant Cell, 2021, 33, 566-580.	6.6	53
9	<i>PINOID</i> Is Required for Formation of the Stigma and Style in Rice. Plant Physiology, 2019, 180, 926-936.	4.8	30
10	Improvements of TKC Technology Accelerate Isolation of Transgene-Free CRISPR/Cas9-Edited Rice Plants. Rice Science, 2019, 26, 109-117.	3.9	30
11	On Improving CRISPR for Editing Plant Genes: Ribozyme-Mediated Guide RNA Production and Fluorescence-Based Technology for Isolating Transgene-Free Mutants Generated by CRISPR. Progress in Molecular Biology and Translational Science, 2017, 149, 151-166.	1.7	25
12	Advances in gene editing without residual transgenes in plants. Plant Physiology, 2022, 188, 1757-1768.	4.8	24
13	An update on precision genome editing by homology-directed repair in plants. Plant Physiology, 2022, 188, 1780-1794.	4.8	18
14	Repurposing of Anthocyanin Biosynthesis for Plant Transformation and Genome Editing. Frontiers in Genome Editing, 2020, 2, 607982.	5.2	14
15	Editing gene families by CRISPR/Cas9: accelerating the isolation of multiple transgeneâ€free null mutant combinations with much reduced laborâ€intensive analysis. Plant Biotechnology Journal, 2022, 20, 241-243.	8.3	7
16	A CASE toolkit for easy and efficient multiplex transgene-free gene editing. Plant Physiology, 2022, 188, 1843-1847.	4.8	6
17	A key link between jasmonic acid signaling and auxin biosynthesis. Science China Life Sciences, 2015, 58, 311-312.	4.9	5
18	Synergistic roles of LAX1 and FZP in the development of rice sterile lemma. Crop Journal, 2020, 8, 16-25.	5.2	4