

Yubing He

List of Publications by Year in descending order

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Version: 2024-02-01

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