Zhaohui Zhong

List of Publications by Year
in descending order

22	2,268	471061 17	642321 23
papers	citations	h-index	g-index

25	25	25	2049
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protoplast Isolation and Transfection in Rice. Methods in Molecular Biology, 2022, 2464, 83-90.	0.4	2
2	Genomeâ€wide analyses of PAMâ€relaxed Cas9 genome editors reveal substantial offâ€target effects by ABE8e in rice. Plant Biotechnology Journal, 2022, 20, 1670-1682.	4.1	23
3	Improved plant cytosine base editors with high editing activity, purity, and specificity. Plant Biotechnology Journal, 2021, 19, 2052-2068.	4.1	55
4	PAM-less plant genome editing using a CRISPRâ€“SpRY toolbox. Nature Plants, 2021, 7, 25-33.	4.7	140
5	The Improvement of CRISPR-Cas9 System With Ubiquitin-Associated Domain Fusion for Efficient Plant Genome Editing. Frontiers in Plant Science, 2020, 11, 621.	1.7	12
6	CRISPRâ€“Cas12b enables efficient plant genome engineering. Nature Plants, 2020, 6, 202-208.	4.7	116
7	Knockout of the OsNAC006 Transcription Factor Causes Drought and Heat Sensitivity in Rice. International Journal of Molecular Sciences, 2020, 21, 2288.	1.8	69
8	Intron-Based Single Transcript Unit CRISPR Systems for Plant Genome Editing. Rice, 2020, 13, 8.	1.7	22
9	Bidirectional Promoter-Based CRISPR-Cas9 Systems for Plant Genome Editing. Frontiers in Plant Science, 2019, 10, 1173.	1.7	39
10	Improving Plant Genome Editing with High-Fidelity xCas9 and Non-canonical PAM-Targeting Cas9-NG. Molecular Plant, 2019, 12, 1027-1036.	3.9	159
11	Multiplex QTL editing of grain-related genes improves yield in elite rice varieties. Plant Cell Reports, 2019, 38, 475-485.	2.8	136
12	Single transcript unit <scp>CRISPR</scp> 2.0 systems for robust Cas9 and Cas12a mediated plant genome editing. Plant Biotechnology Journal, 2019, 17, 1431-1445.	4.1	120
13	A Single Transcript CRISPR-Cas9 System for Multiplex Genome Editing in Plants. Methods in Molecular Biology, 2019, 1917, 75-82.	0.4	3
14	Knocking Out MicroRNA Genes in Rice with CRISPR-Cas9. Methods in Molecular Biology, 2019, 1917, 109-119.	0.4	8
15	Robust Transcriptional Activation in Plants Using Multiplexed CRISPR-Act2.0 and mTALE-Act Systems. Molecular Plant, 2018, 11, 245-256.	3.9	179
16	Plant Genome Editing Using FnCpf1 and LbCpf1 Nucleases at Redefined and Altered PAM Sites. Molecular Plant, 2018, 11, 999-1002.	3.9	136
17	A large-scale whole-genome sequencing analysis reveals highly specific genome editing by both Cas9 and Cpf1 (Cas12a) nucleases in rice. Genome Biology, 2018, 19, 84.	3.8	230
18	CRISPRMatch: An Automatic Calculation and Visualization Tool for High-throughput CRISPR Genome-editing Data Analysis. International Journal of Biological Sciences, 2018, 14, 858-862.	2.6	53

#	Article	IF	Citations
19	A CRISPRâ€“Cpf1 system for efficient genome editing and transcriptional repression in plants. Nature Plants, 2017, 3, 17018.	4.7	425
20	CRISPR-Cas9 Based Genome Editing Reveals New Insights into MicroRNA Function and Regulation in Rice. Frontiers in Plant Science, 2017, 8, 1598.	1.7	150
21	Construction of a Single Transcriptional Unit for Expression of Cas9 and Single-guide RNAs for Genome Editing in Plants. Bio-protocol, 2017, 7, e2546.	0.2	2
22	Effective screen of CRISPR/Cas9-induced mutants in rice by single-strand conformation polymorphism. Plant Cell Reports, 2016, 35, 1545-1554.	2.8	74