Yuan Zong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7456876/publications.pdf

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		623734	839539
16	4,312	14	18
papers	citations	h-index	g-index

18	18	18	3483
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficient and transgene-free genome editing in wheat through transient expression of CRISPR/Cas9 DNA or RNA. Nature Communications, 2016, 7, 12617.	12.8	710
2	Precise base editing in rice, wheat and maize with a Cas9-cytidine deaminase fusion. Nature Biotechnology, 2017, 35, 438-440.	17.5	690
3	Prime genome editing in rice and wheat. Nature Biotechnology, 2020, 38, 582-585.	17.5	544
4	Cytosine, but not adenine, base editors induce genome-wide off-target mutations in rice. Science, 2019, 364, 292-295.	12.6	491
5	Expanded base editing in rice and wheat using a Cas9-adenosine deaminase fusion. Genome Biology, 2018, 19, 59.	8.8	392
6	Efficient C-to-T base editing in plants using a fusion of nCas9 and human APOBEC3A. Nature Biotechnology, 2018, 36, 950-953.	17.5	310
7	Gene replacements and insertions in rice by intron targeting using CRISPRâ€“Cas9. Nature Plants, 2016, 2, 16139.	9.3	303
8	Targeted, random mutagenesis of plant genes with dual cytosine and adenine base editors. Nature Biotechnology, 2020, 38, 875-882.	17.5	259
9	Generation of herbicide tolerance traits and a new selectable marker in wheat using base editing. Nature Plants, 2019, 5, 480-485.	9.3	210
10	High-efficiency prime editing with optimized, paired pegRNAs in plants. Nature Biotechnology, 2021, 39, 923-927.	17.5	189
11	An engineered prime editor with enhanced editing efficiency in plants. Nature Biotechnology, 2022, 40, 1394-1402.	17.5	89
12	Precise, predictable multi-nucleotide deletions in rice and wheat using APOBECâ€“Cas9. Nature Biotechnology, 2020, 38, 1460-1465.	17.5	49
13	SWISS: multiplexed orthogonal genome editing in plants with a Cas9 nickase and engineered CRISPR RNA scaffolds. Genome Biology, 2020, 21, 141.	8.8	38
14	Genetic manipulations of TaARE1 boost nitrogen utilization and grain yield in wheat. Journal of Genetics and Genomics, 2021, 48, 950-953.	3.9	16
15	An Efficient Targeted Mutagenesis System Using CRISPR/Cas in Monocotyledons. Current Protocols in Plant Biology, 2016, 1, 329-344.	2.8	9
16	Targeted Mutagenesis in Hexaploid Bread Wheat Using the TALEN and CRISPR/Cas Systems. Methods in Molecular Biology, 2017, 1679, 169-185.	0.9	7