Zenpei Shimatani

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11457542/publications.pdf

Version: 2024-02-01

15	2,095	840585 11	1058333 14
papers	citations	h-index	g-index

15	15	15	2689
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Targeted nucleotide editing using hybrid prokaryotic and vertebrate adaptive immune systems. Science, 2016, 353, .	6.0	1,011
2	Targeted base editing in rice and tomato using a CRISPR-Cas9 cytidine deaminase fusion. Nature Biotechnology, 2017, 35, 441-443.	9.4	632
3	Targeted disruption of an orthologue of DOMAINS REARRANGED METHYLASEâ€ƒ2, OsDRM2, impairs the growth of rice plants by abnormal DNA methylation. Plant Journal, 2012, 71, 85-98.	2.8	110
4	Transcriptional profiling of genes responsive to abscisic acid and gibberellin in rice: phenotyping and comparative analysis between rice and Arabidopsis. Physiological Genomics, 2004, 17, 87-100.	1.0	78
5	Genomics Approach to Abscisic Acid- and Gibberellin-responsive Genes in Rice. DNA Research, 2003, 10, 249-261.	1.5	57
6	FT-like proteins induce transposon silencing in the shoot apex during floral induction in rice. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E901-10.	3.3	54
7	PositiveÃ¢â‚¬â€œnegative-selection-mediated gene targeting in rice. Frontiers in Plant Science, 2014, 5, 748.	1.7	41
8	Inheritance of co-edited genes by CRISPR-based targeted nucleotide substitutions in rice. Plant Physiology and Biochemistry, 2018, 131, 78-83.	2.8	31
9	Gene Editing a Constitutively Active OsRac1 by Homologous Recombination-Based Gene Targeting Induces Immune Responses in Rice. Plant and Cell Physiology, 2013, 54, 2058-2070.	1.5	27
10	Characterization of autonomous Dart1 transposons belonging to the hAT superfamily in rice. Molecular Genetics and Genomics, 2009, 281, 329-344.	1.0	13
11	Production of Herbicide-Sensitive Strain to Prevent Volunteer Rice Infestation Using a CRISPR-Cas9 Cytidine Deaminase Fusion. Frontiers in Plant Science, 2020, 11, 925.	1.7	13
12	Herbicide tolerance-assisted multiplex targeted nucleotide substitution in rice. Data in Brief, 2018, 20, 1325-1331.	0.5	12
13	Targeted Base Editing with CRISPR-Deaminase in Tomato. Methods in Molecular Biology, 2019, 1917, 297-307.	0.4	9
14	Novel assays to monitor gene expression and protein-protein interactions in rice using the bioluminescent protein, NanoLuc. Plant Biotechnology, 2021, 38, 89-99.	0.5	7
15	Rice Gene Targeting by Homologous Recombination with Positive-Negative Selection Strategy. Methods in Molecular Biology, 2021, 2238, 241-257.	0.4	0