

Zenpei Shimatani

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

2,095
citations

840585

11
h-index

1058333

14
g-index

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all docs

15
docs citations

15
times ranked

2689
citing authors

#	ARTICLE	IF	CITATIONS
1	Rice Gene Targeting by Homologous Recombination with Positive-Negative Selection Strategy. <i>Methods in Molecular Biology</i> , 2021, 2238, 241-257.	0.4	0
2	Novel assays to monitor gene expression and protein-protein interactions in rice using the bioluminescent protein, NanoLuc. <i>Plant Biotechnology</i> , 2021, 38, 89-99.	0.5	7
3	Production of Herbicide-Sensitive Strain to Prevent Volunteer Rice Infestation Using a CRISPR-Cas9 Cytidine Deaminase Fusion. <i>Frontiers in Plant Science</i> , 2020, 11, 925.	1.7	13
4	Targeted Base Editing with CRISPR-Deaminase in Tomato. <i>Methods in Molecular Biology</i> , 2019, 1917, 297-307.	0.4	9
5	Inheritance of co-edited genes by CRISPR-based targeted nucleotide substitutions in rice. <i>Plant Physiology and Biochemistry</i> , 2018, 131, 78-83.	2.8	31
6	Herbicide tolerance-assisted multiplex targeted nucleotide substitution in rice. <i>Data in Brief</i> , 2018, 20, 1325-1331.	0.5	12
7	Targeted base editing in rice and tomato using a CRISPR-Cas9 cytidine deaminase fusion. <i>Nature Biotechnology</i> , 2017, 35, 441-443.	9.4	632
8	Targeted nucleotide editing using hybrid prokaryotic and vertebrate adaptive immune systems. <i>Science</i> , 2016, 353, .	6.0	1,011
9	FT-like proteins induce transposon silencing in the shoot apex during floral induction in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E901-10.	3.3	54
10	Positive- and negative-selection-mediated gene targeting in rice. <i>Frontiers in Plant Science</i> , 2014, 5, 748.	1.7	41
11	Gene Editing a Constitutively Active OsRac1 by Homologous Recombination-Based Gene Targeting Induces Immune Responses in Rice. <i>Plant and Cell Physiology</i> , 2013, 54, 2058-2070.	1.5	27
12	Targeted disruption of an orthologue of <i>DOMAINS REARRANGED METHYLASE2</i> , OsDRM2, impairs the growth of rice plants by abnormal DNA methylation. <i>Plant Journal</i> , 2012, 71, 85-98.	2.8	110
13	Characterization of autonomous Dart1 transposons belonging to the hAT superfamily in rice. <i>Molecular Genetics and Genomics</i> , 2009, 281, 329-344.	1.0	13
14	Transcriptional profiling of genes responsive to abscisic acid and gibberellin in rice: phenotyping and comparative analysis between rice and Arabidopsis. <i>Physiological Genomics</i> , 2004, 17, 87-100.	1.0	78
15	Genomics Approach to Abscisic Acid- and Gibberellin-responsive Genes in Rice. <i>DNA Research</i> , 2003, 10, 249-261.	1.5	57