

Satoshi Natsume

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

3,645
citations

623734

14
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

3870
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome sequencing reveals agronomically important loci in rice using MutMap. <i>Nature Biotechnology</i> , 2012, 30, 174-178.	17.5	1,087
2	QTL-seq: rapid mapping of quantitative trait loci in rice by whole genome resequencing of DNA from two bulked populations. <i>Plant Journal</i> , 2013, 74, 174-183.	5.7	1,065
3	MutMap+: Genetic Mapping and Mutant Identification without Crossing in Rice. <i>PLoS ONE</i> , 2013, 8, e68529.	2.5	267
4	MutMap accelerates breeding of a salt-tolerant rice cultivar. <i>Nature Biotechnology</i> , 2015, 33, 445-449.	17.5	265
5	MutMap+ and QTL-seq: whole-genome resequencing of mutant progeny bulk combined with <i>de novo</i> assembly of gap regions identifies the rice blast resistance gene <i>Pii</i> . <i>New Phytologist</i> , 2013, 200, 276-283.	7.3	196
6	Host specialization of the blast fungus <i>Magnaporthe oryzae</i> is associated with dynamic gain and loss of genes linked to transposable elements. <i>BMC Genomics</i> , 2016, 17, 370.	2.8	157
7	Genome sequencing of the staple food crop white Guinea yam enables the development of a molecular marker for sex determination. <i>BMC Biology</i> , 2017, 15, 86.	3.8	114
8	A cytochrome P450, OsDSS1, is involved in growth and drought stress responses in rice (<i>Oryza sativa</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	3.9	111
9	The Draft Genome of Hop (<i>Humulus lupulus</i>), an Essence for Brewing. <i>Plant and Cell Physiology</i> , 2015, 56, 428-441.	3.1	111
10	The rice (<i>Oryza sativa</i> L.) LESION MIMIC RESEMBLING, which encodes an AAA-type ATPase, is implicated in defense response. <i>Molecular Genetics and Genomics</i> , 2015, 290, 611-622.	2.1	66
11	Coval: Improving Alignment Quality and Variant Calling Accuracy for Next-Generation Sequencing Data. <i>PLoS ONE</i> , 2013, 8, e75402.	2.5	58
12	Genome analyses reveal the hybrid origin of the staple crop white Guinea yam (<i>Dioscorea</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307</i> 2020, 117, 31987-31992.	7.1	40
13	A chloroplast-localized protein LESION AND LAMINA BENDING affects defence and growth responses in rice. <i>New Phytologist</i> , 2016, 210, 1282-1297.	7.3	33
14	High-performance pipeline for MutMap and QTL-seq. <i>PeerJ</i> , 2022, 10, e13170.	2.0	22
15	Identification of candidate flowering and sex genes in white Guinea yam (<i>D. rotundata</i> Poir.) by SuperSAGE transcriptome profiling. <i>PLoS ONE</i> , 2019, 14, e0216912.	2.5	16
16	Population Genomics of Yams: Evolution and Domestication of <i>Dioscorea</i> Species. <i>Population Genomics</i> , 2021, , .	0.5	13
17	Screening of rice mutants with improved saccharification efficiency results in the identification of CONSTITUTIVE PHOTOMORPHOGENIC 1 and GOLD HULL AND INTERNODE 1. <i>Planta</i> , 2017, 246, 61-74.	3.2	5
18	Next-Generation Breeding of Rice by Whole-Genome Approaches. , 2018, , 511-522.		4

#	ARTICLE	IF	CITATIONS
19	Whole genome sequencing and future breeding of rice. Journal of Plant Biochemistry and Biotechnology, 2012, 21, 10-14.	1.7	2