

Nobuya Koizuka

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,217
citations

933447

10
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

1376
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic characterization of a pentatricopeptide repeat protein gene, orf687, that restores fertility in the cytoplasmic male-sterile Kosena radish. <i>Plant Journal</i> , 2003, 34, 407-415.	5.7	342
2	CRISPR/Cas9-mediated genome editing of the fatty acid desaturase 2 gene in <i>Brassica napus</i> . <i>Plant Physiology and Biochemistry</i> , 2018, 131, 63-69.	5.8	194
3	The BME3 (Blue Micropylar End 3) GATA zinc finger transcription factor is a positive regulator of <i>Arabidopsis</i> seed germination. <i>Plant Journal</i> , 2005, 44, 960-971.	5.7	161
4	Structure and some characterization of the gene for phenylalanine ammonia-lyase from rice plants. <i>FEBS Journal</i> , 1989, 185, 19-25.	0.2	129
5	Curing cytoplasmic male sterility via TALEN-mediated mitochondrial genome editing. <i>Nature Plants</i> , 2019, 5, 722-730.	9.3	126
6	Large-scale screening of <i>Arabidopsis</i> enhancer-trap lines for seed germination-associated genes. <i>Plant Journal</i> , 2005, 41, 936-944.	5.7	86
7	Identification and expression of the kosena radish (<i>Raphanus sativus</i> cv. Kosena) homologue of the ogura radish CMS-associated gene, orf138. <i>Plant Molecular Biology</i> , 1999, 39, 183-188.	3.9	68
8	Genetic analysis of fertility restoration and accumulation of ORF125 mitochondrial protein in the kosena radish (<i>Raphanus sativus</i> cv. Kosena) and a <i>Brassica napus</i> restorer line. <i>Theoretical and Applied Genetics</i> , 2000, 100, 949-955.	3.6	38
9	The Restorer's fertility-like 2 pentatricopeptide repeat protein and <i>RNAse P</i> are required for the processing of mitochondrial <i>orf291</i> <i>RNA</i> in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2016, 86, 504-513.	5.7	30
10	Isolation of a cDNA Clone for α -Amylase in Mung Bean Cotyledons. <i>Plant Physiology</i> , 1990, 94, 1488-1491.	4.8	15
11	The mitochondrial genome of an asymmetrically cell-fused rapeseed, <i>Brassica napus</i> , containing a radish-derived cytoplasmic male sterility-associated gene. <i>Genes and Genetic Systems</i> , 2018, 93, 143-148.	0.7	11
12	Expression of α -amylase in response to wounding in mung bean. <i>Planta</i> , 1995, 195, 530.	3.2	10
13	Effects of spermidine on the synthesis of alpha-amylase in cotyledons of mung bean seedlings. <i>Physiologia Plantarum</i> , 1991, 81, 211-214.	5.2	3
14	2-Hydroxylated 3-Deoxyanthocyanin from the Flowers of <i>Cosmos sulphureus</i> Cultivars. <i>Natural Product Communications</i> , 2019, 14, 1934578X1987621.	0.5	3
15	Effects of spermidine on the synthesis of alpha-amylase in cotyledons of mung bean seedlings. <i>Physiologia Plantarum</i> , 1991, 81, 211-214.	5.2	0
16	Recent advances and perspectives in plant mitochondrial biology for plant breeding. <i>Ikushugaku Kenkyu</i> , 2020, 22, 87-94.	0.3	0