

Ajay Saini

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

930
citations

1163117

8
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

1324
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptome-wide identification of microRNA targets in rice. <i>Plant Journal</i> , 2010, 62, 742-759.	5.7	370
2	Biotic and abiotic stress down-regulate miR398 expression in Arabidopsis. <i>Planta</i> , 2009, 229, 1009-1014.	3.2	366
3	Molecular evolution of 5S rDNA region in <i>Vigna</i> subgenus <i>Ceratotropis</i> and its phylogenetic implications. <i>Plant Systematics and Evolution</i> , 2009, 280, 187-206.	0.9	37
4	Heat-stress priming and alternative splicing-linked memory. <i>Journal of Experimental Botany</i> , 2018, 69, 2431-2434.	4.8	31
5	Development of SCAR markers for identification of stem rust resistance gene Sr31 in the homozygous or heterozygous condition in bread wheat. <i>Plant Breeding</i> , 2006, 125, 544-549.	1.9	30
6	Intra-individual and intra-species heterogeneity in nuclear rDNA ITS region of <i>Vigna</i> species from subgenus <i>Ceratotropis</i> . <i>Genetical Research</i> , 2008, 90, 299-316.	0.9	26
7	Phylogenetic Analysis of Subgenus <i>Vigna</i> Species Using Nuclear Ribosomal RNA ITS: Evidence of Hybridization among <i>Vigna unguiculata</i> Subspecies. <i>Journal of Heredity</i> , 2010, 101, 177-188.	2.4	17
8	Biochemical and functional characterization of OsCSD3, a novel CuZn superoxide dismutase from rice. <i>Biochemical Journal</i> , 2018, 475, 3105-3121.	3.7	12
9	Genetic diversity assessment in <i>Pandanus amaryllifolius</i> Roxb. populations of India. <i>Genetic Resources and Crop Evolution</i> , 2012, 59, 1583-1595.	1.6	9
10	Splice Variants of Superoxide Dismutases in Rice and Their Expression Profiles under Abiotic Stresses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3997.	4.1	9
11	Molecular characterization of intergenic spacer region of 5S ribosomal RNA genes in subgenus <i>Vigna</i> : extensive hybridization among <i>V. unguiculata</i> subspecies. <i>Plant Systematics and Evolution</i> , 2011, 294, 39-55.	0.9	6
12	Role of microRNAs in Plant Adaptation to Environmental Stresses. <i>Signaling and Communication in Plants</i> , 2012, , 219-232.	0.7	5
13	Title is missing!. <i>Euphytica</i> , 2000, 114, 55-59.	1.2	4
14	Assessment of hybridization among wild and cultivated <i>Vigna unguiculata</i> subspecies revealed by arbitrarily primed polymerase chain reaction analysis. <i>AoB PLANTS</i> , 2012, 2012, pls012.	2.3	2
15	Rapid and convenient gel-free screening of SCAR markers in wheat using SYBR green-based melt-profiling. <i>Plant Breeding</i> , 2016, 135, 643-653.	1.9	2
16	Validation and Marker-Assisted Selection of Stem Rust Resistance Gene Sr2 in Indian Wheat Using Gel-Based and Gel-Free Methods. <i>Journal of Crop Science and Biotechnology</i> , 2019, 22, 309-315.	1.5	2
17	Molecular and Biochemical Analysis of Duplicated Cytosolic CuZn Superoxide Dismutases of Rice and in silico Analysis in Plants. <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	1
18	GLADS: A gel-less approach for detection of STMS markers in wheat and rice. <i>PLoS ONE</i> , 2019, 14, e0224572.	2.5	0