

Niharika Sharma

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

432
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

733
citing authors

#	ARTICLE	IF	CITATIONS
1	<sc>CRISPR</sc>/Cas9-mediated knockout of <i>Ms1</i> enables the rapid generation of male-sterile hexaploid wheat lines for use in hybrid seed production. <i>Plant Biotechnology Journal</i> , 2019, 17, 1905-1913.	8.3	125
2	Expression dynamics of metabolic and regulatory components across stages of panicle and seed development in indica rice. <i>Functional and Integrative Genomics</i> , 2012, 12, 229-248.	3.5	66
3	gRNA validation for wheat genome editing with the CRISPR-Cas9 system. <i>BMC Biotechnology</i> , 2019, 19, 71.	3.3	55
4	Putative cis-regulatory elements in genes highly expressed in rice sperm cells. <i>BMC Research Notes</i> , 2011, 4, 319.	1.4	46
5	RNA Sequencing Analysis of the Gametophyte Transcriptome from the Liverwort, <i>Marchantia polymorpha</i> . <i>PLoS ONE</i> , 2014, 9, e97497.	2.5	40
6	Improving Nitrogen Use Efficiency Through Overexpression of Alanine Aminotransferase in Rice, Wheat, and Barley. <i>Frontiers in Plant Science</i> , 2021, 12, 628521.	3.6	27
7	Transcriptome-wide profiling and expression analysis of transcription factor families in a liverwort, <i>Marchantia polymorpha</i> . <i>BMC Genomics</i> , 2013, 14, 915.	2.8	24
8	Allelic variants of OsSUB1A cause differential expression of transcription factor genes in response to submergence in rice. <i>Rice</i> , 2018, 11, 2.	4.0	14
9	A Major Locus on Wheat Chromosome 7B Associated With Late-Maturity α -Amylase Encodes a Putative α -D-Glucosyl Diphosphate Synthase. <i>Frontiers in Plant Science</i> , 2021, 12, 637685.	3.6	12
10	Multi-environment QTL analysis delineates a major locus associated with homoeologous exchanges for water-use efficiency and seed yield in canola. <i>Plant, Cell and Environment</i> , 2022, 45, 2019-2036.	5.7	11
11	Comparative and Evolutionary Analysis of Grass Pollen Allergens Using <i>Brachypodium distachyon</i> as a Model System. <i>PLoS ONE</i> , 2017, 12, e0169686.	2.5	6
12	Seasonal weight fluctuations in wild Queensland fruit fly <i>Bactrocera tryoni</i> (Froggatt) (Diptera: Tephritidae) overlock 10 Tf 50 30	2.1	5
13	Reduced quality parameters in adult Queensland fruit fly (<i>Bactrocera tryoni</i>) after pupal irradiation and transportation. <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 623-628.	1.4	1