

Giriraj Kumawat

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

811
citations

759233

12
h-index

610901

24
g-index

30
all docs

30
docs citations

30
times ranked

914
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of genic-SSR markers by deep transcriptome sequencing in pigeonpea [<i>Cajanus cajan</i> (L.) Millspaugh]. <i>BMC Plant Biology</i> , 2011, 11, 17.	3.6	251
2	The first draft of the pigeonpea genome sequence. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2012, 21, 98-112.	1.7	167
3	Molecular mapping of QTLs for plant type and earliness traits in pigeonpea (<i>Cajanus cajan</i> L. Millsp.). <i>BMC Genetics</i> , 2012, 13, 84.	2.7	69
4	Plant miRNAome and antiviral resistance: a retrospective view and prospective challenges. <i>Virus Genes</i> , 2014, 48, 1-14.	1.6	36
5	QTLomics in Soybean: A Way Forward for Translational Genomics and Breeding. <i>Frontiers in Plant Science</i> , 2016, 7, 1852.	3.6	29
6	WAASB&E-based stability analysis and simultaneous selection for grain yield and early maturity in soybean. <i>Agronomy Journal</i> , 2021, 113, 3089-3099.	1.8	25
7	Genetic analyses for deciphering the status and role of photoperiodic and maturity genes in major Indian soybean cultivars. <i>Journal of Genetics</i> , 2017, 96, 147-154.	0.7	24
8	Genetic inheritance and identification of germplasm sources for anthracnose resistance in soybean [<i>Glycine max</i> (L.) Merr.]. <i>Genetic Resources and Crop Evolution</i> , 2020, 67, 1449-1456.	1.6	24
9	A high-density intraspecific SNP linkage map of pigeonpea (<i>Cajanus cajan</i> L. Millsp.). <i>PLoS ONE</i> , 2017, 12, e0179747.	2.5	18
10	Molecular characterization and genetic diversity analysis of soybean (<i>Glycine max</i> (L.) Merr.) germplasm accessions in India. <i>Physiology and Molecular Biology of Plants</i> , 2015, 21, 101-107.	3.1	17
11	A Major and Stable Quantitative Trait Locus qSS2 for Seed Size and Shape Traits in a Soybean RIL Population. <i>Frontiers in Genetics</i> , 2021, 12, 646102.	2.3	17
12	Omics advances and integrative approaches for the simultaneous improvement of seed oil and protein content in soybean (<i>Glycine max</i> L.). <i>Critical Reviews in Plant Sciences</i> , 2021, 40, 398-421.	5.7	17
13	Breeding for higher yield, early maturity, wider adaptability and waterlogging tolerance in soybean (<i>Glycine max</i> L.): A case study. <i>Scientific Reports</i> , 2021, 11, 22853.	3.3	17
14	Mapping and validation of a major QTL for primary root length of soybean seedlings grown in hydroponic conditions. <i>BMC Genomics</i> , 2021, 22, 132.	2.8	11
15	NAM population "a novel genetic resource for soybean improvement: development and characterization for yield and attributing traits. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2019, 17, 545-553.	0.8	10
16	Genetic relationship, population structure analysis and allelic characterization of flowering and maturity genes E1, E2, E3 and E4 among 90 Indian soybean landraces. <i>Physiology and Molecular Biology of Plants</i> , 2019, 25, 387-398.	3.1	10
17	Identification of novel genetic sources for agronomic and quality traits in soybean using multi-trait allele specific genic marker assays. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2021, 30, 160-171.	1.7	10
18	Integrating principal component score strategy with power core method for development of core collection in Indian soybean germplasm. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2017, 15, 230-238.	0.8	8

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19	Soybean MAGIC Population:A Novel Resource for Genetics and Plant Breeding. Current Science, 2018, 114, 906.	0.8	8
20	Whole Genome Re-sequencing of Soybean Accession EC241780 Providing Genomic Landscape of Candidate Genes Involved in Rust Resistance. Current Genomics, 2020, 21, 504-511.	1.6	8
21	Approaches, Applicability, and Challenges for Development of Climate-Smart Soybean. , 2019, , 1-74.		7
22	Charcoal Rot Resistance in Soybean: Current Understanding and Future Perspectives. , 2019, , 241-259.		5
23	Long juvenility trait: A vehicle for commercial utilization of soybean (<i>Glycine max</i>) in lower latitudes. Plant Breeding, 2021, 140, 543-560.	1.9	5
24	Advances in Soybean Genomics. , 2014, , 41-72.		5
25	QTL mapping for long juvenile trait in soybean accession AGS 25 identifies association between a functional allele of FT2a and delayed flowering. Euphytica, 2021, 217, 1.	1.2	4
26	Identification and characterization of a novel long juvenile resource AGS 25. Genetic Resources and Crop Evolution, 2021, 68, 1149-1163.	1.6	3
27	Breeding and Molecular Approaches for Evolving Drought-Tolerant Soybeans. , 2020, , 83-130.		3
28	Novel role of photoinsensitive alleles in adaptation of soybean [<i>Glycine max</i> (L.) Merr.] to rainfed short growing seasons of lower latitudes. Genetic Resources and Crop Evolution, 2021, 68, 2455-2467.	1.6	1