

Subhash Chander

List of Publications by Year in descending order

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27
papers

811
citations

687363

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docs citations

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times ranked

1120
citing authors

#	ARTICLE	IF	CITATIONS
1	Using molecular markers to identify two major loci controlling carotenoid contents in maize grain. <i>Theoretical and Applied Genetics</i> , 2008, 116, 223-233.	3.6	119
2	Genetic Basis and Breeding Perspectives of Grain Iron and Zinc Enrichment in Cereals. <i>Frontiers in Plant Science</i> , 2018, 9, 937.	3.6	117
3	Seven zinc-finger transcription factors are novel regulators of the stress responsive gene OsDREB1B. <i>Journal of Experimental Botany</i> , 2012, 63, 3643-3656.	4.8	103
4	Transcription Regulation of Abiotic Stress Responses in Rice: A Combined Action of Transcription Factors and Epigenetic Mechanisms. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 839-857.	2.0	81
5	QTL mapping of resistance to Fusarium ear rot using a RIL population in maize. <i>Molecular Breeding</i> , 2008, 22, 395-403.	2.1	80
6	Comparison of Nutritional Traits Variability in Selected Eighty-Seven Inbreds from Chinese Maize (<i>Zea mays</i> L.) Germplasm. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 6506-6511.	5.2	68
7	Genetic dissection of tocopherol content and composition in maize grain using quantitative trait loci analysis and the candidate gene approach. <i>Molecular Breeding</i> , 2008, 22, 353-365.	2.1	52
8	Analysis of Pumping Test Data Using Marquardt Algorithm. <i>Ground Water</i> , 1981, 19, 275-278.	1.3	33
9	Identification of unconditional and conditional QTL for oil, protein and starch content in maize. <i>Crop Journal</i> , 2013, 1, 34-42.	5.2	25
10	Genetic Diversity and Population Structure of Soybean Lines Adapted to Sub-Saharan Africa Using Single Nucleotide Polymorphism (SNP) Markers. <i>Agronomy</i> , 2021, 11, 604.	3.0	17
11	Identification of QTL for maize resistance to common smut by using recombinant inbred lines developed from the Chinese hybrid Yuyu22. <i>Journal of Applied Genetics</i> , 2008, 49, 147-154.	1.9	16
12	Antioxidants from defatted Indian Mustard (<i>Brassica Juncea</i>) protect biomolecules against in vitro oxidation. <i>Physiology and Molecular Biology of Plants</i> , 2014, 20, 539-543.	3.1	15
13	Genetic dissection of carotenoids in maize kernels using high-density single nucleotide polymorphism markers in a recombinant inbred line population. <i>Crop Journal</i> , 2017, 5, 63-72.	5.2	13
14	OslCE1 transcription factor improves photosynthetic performance and reduces grain losses in rice plants subjected to drought. <i>Environmental and Experimental Botany</i> , 2018, 150, 88-98.	4.2	12
15	Unit hydrograph based forecast model. <i>Hydrological Sciences Journal</i> , 1984, 29, 279-291.	2.6	11
16	Prospects for Durable Resistance Against an Old Soybean Enemy: A Four-Decade Journey from Rpp1 (Resistance to <i>Phakopsora pachyrhizi</i>) to Rpp7. <i>Agronomy</i> , 2019, 9, 348.	3.0	10
17	In vitro culture may be the major contributing factor for transgenic versus nontransgenic proteomic plant differences. <i>Proteomics</i> , 2015, 15, 124-134.	2.2	9
18	Improving QTL Mapping Resolution Based on Genotypic Sampling—a Case Using a RIL Population. <i>Journal of Genetics and Genomics</i> , 2006, 33, 617-624.	0.3	8

#	ARTICLE	IF	CITATIONS
19	SEQUENTIAL GENERATION OF STREAMFLOW. Journal of the American Water Resources Association, 1974, 10, 672-679.	2.4	6
20	Streamflow simulation " A model based on canonical expansions. Journal of Hydrology, 1977, 35, 279-298.	5.4	6
21	Comparative Analysis of Carotenoid and Tocopherol Compositions in High-Oil and Normal Maize (<l>Zea mays</l> L.) Inbreds. Acta Agronomica Sinica(China), 2009, 35, 2073-2084.	0.3	5
22	Genetic variability, evaluation and characterization of sunflower (Helianthus annuus L.) germplasm. Bangladesh Journal of Botany, 2020, 48, 253-263.	0.4	3
23	Nutrient Management for Sustaining Productivity of Sunflower-Based Cropping Sequence in Indian Semiarid Regions. Communications in Soil Science and Plant Analysis, 2017, 48, 581-593.	1.4	2
24	Modelling approach to optimize sulphur fertilization in irrigated sunflower under semi-arid conditions in north-west India. Legume Research, 2014, 37, 527.	0.1	0
25	Exploring Cost effective Herbicide based Weed Management options for Sunflower in NW India. Vegetos, 2016, 29, 172.	1.5	0
26	Genetic Divergence Analysis among Sunflower (Helianthus annuus L.) Inbred Lines for Yield and Component Traits. Indian Journal of Plant Genetic Resources, 2017, 30, 66.	0.1	0
27	Genetic Assessment of Combining Ability for Seed-Yield and Its Related Traits in Soybean [Glycine max (L.) Merrill]. Legume Research, 2020, , .	0.1	0