

Dharminder Bhatia

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

766
citations

759233

12
h-index

552781

26
g-index

37
all docs

37
docs citations

37
times ranked

839
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel bacterial blight resistance gene from <i>Oryza nivara</i> mapped to 38 kb region on chromosome 4L and transferred to <i>Oryza sativa</i> L.. <i>Genetical Research</i> , 2008, 90, 397-407.	0.9	128
2	The International Oryza Map Alignment Project: development of a genus-wide comparative genomics platform to help solve the 9 billion-people question. <i>Current Opinion in Plant Biology</i> , 2013, 16, 147-156.	7.1	126
3	New PCR-based sequence-tagged site marker for bacterial blight resistance gene Xa38 of rice. <i>Molecular Breeding</i> , 2012, 30, 607-611.	2.1	81
4	High-resolution genetic mapping of a novel brown planthopper resistance locus, Bph34 in <i>Oryza sativa</i> L. X <i>Oryza nivara</i> (Sharma & Shastry) derived interspecific F2 population. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1163-1171.	3.6	65
5	High-resolution genetic mapping of a novel bacterial blight resistance gene xa-45(t) identified from <i>Oryza glaberrima</i> and transferred to <i>Oryza sativa</i> . <i>Theoretical and Applied Genetics</i> , 2020, 133, 689-705.	3.6	61
6	Yield-Enhancing Heterotic QTL Transferred from Wild Species to Cultivated Rice <i>Oryza sativa</i> L. <i>PLoS ONE</i> , 2014, 9, e96939.	2.5	37
7	Marker-Assisted Development of Bacterial Blight Resistant, Dwarf, and High Yielding Versions of Two Traditional Basmati Rice Cultivars. <i>Crop Science</i> , 2011, 51, 759-770.	1.8	29
8	Genotyping by sequencing of rice interspecific backcross inbred lines identifies QTLs for grain weight and grain length. <i>Euphytica</i> , 2018, 214, 1.	1.2	29
9	Introgression of Yield Component Traits in Rice (<i>Oryza sativa</i> ssp. <i>indica</i>) through Interspecific Hybridization. <i>Crop Science</i> , 2017, 57, 1557-1573.	1.8	21
10	Eighty years of gene-for-gene relationship and its applications in identification and utilization of R genes. <i>Journal of Genetics</i> , 2021, 100, 1.	0.7	20
11	Genetics and Genomics of Bacterial Blight Resistance in Rice. , 0, , .		16
12	Identification of stable heat tolerance QTLs using inter-specific recombinant inbred line population derived from GPF 2 and ILWC 292. <i>PLoS ONE</i> , 2021, 16, e0254957.	2.5	16
13	Molecular mapping of quantitative trait loci for ascochyta blight and botrytis grey mould resistance in an inter-specific cross in chickpea (<i>Cicer arietinum</i> L.) using genotyping by sequencing. <i>Breeding Science</i> , 2021, 71, 229-239.	1.9	16
14	Phenotypic evaluation of genetic variability and selection of yield contributing traits in chickpea recombinant inbred line population under high temperature stress. <i>Physiology and Molecular Biology of Plants</i> , 2021, 27, 747-767.	3.1	14
15	Identification of potential donors and QTLs for resistance to false smut in a subset of rice diversity panel. <i>European Journal of Plant Pathology</i> , 2021, 159, 461-470.	1.7	11
16	Incomplete block designs for plant breeding experiments. <i>Agricultural Research Journal</i> , 2017, 54, 607.	0.2	10
17	A novel QTL qSPP2.2 controlling spikelet per panicle identified from <i>Oryza longistaminata</i> (A. Chev. et Tj ETQq1 1 0.784314 ggBT /Over 2.1	2.1	9
18	Genome-wide association study for candidate genes controlling seed yield and its components in rapeseed (<i>Brassica napus</i> subsp. <i>napus</i>). <i>Physiology and Molecular Biology of Plants</i> , 2021, 27, 1933-1951.	3.1	9

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19	Genotyping-by-Sequencing Based Investigation of Population Structure and Genome Wide Association Studies for Seven Agronomically Important Traits in a Set of 346 <i>Oryza rufipogon</i> Accessions. <i>Rice</i> , 2022, 15, .	4.0	8
20	Insect resistance in Rice (<i>Oryza sativa</i> L.): overview on current breeding interventions. <i>International Journal of Tropical Insect Science</i> , 2019, 39, 259-272.	1.0	6
21	Genome wide association studies for yield and its component traits under terminal heat stress in Indian mustard (<i>Brassica juncea</i> L.). <i>Euphytica</i> , 2019, 215, 1.	1.2	6
22	Molecular mapping of CLCuD resistance introgressed from synthetic cotton polyploid in upland cotton. <i>Journal of Genetics</i> , 2022, 101, 1.	0.7	6
23	Advances in Breeding for Resistance to Hoppers in Rice. , 2017, , 101-130.		5
24	Reinventing heterosis phenomenon through deployment of alien introgression lines in rice (<i>Oryza</i>) Tj ETQq0 0 0.19 BT /Overlock 10 TF	1.9	5
25	Genome-wide association study and identification of candidate genes for seed oil content in <i>Brassica napus</i> . <i>Euphytica</i> , 2021, 217, 1.	1.2	5
26	Characterization of evolutionarily distinct rice <i>BAHD</i> Acyltransferases provides insight into their plausible role in rice susceptibility to <i>Rhizoctonia solani</i> . <i>Plant Genome</i> , 2021, 14, e20140.	2.8	5
27	Heterotic response of genomic regions derived from <i>Oryza rufipogon</i> and <i>O. nivara</i> in improving grain morphology and quality of indica rice (<i>Oryza sativa</i> L.). <i>Indian Journal of Genetics and Plant Breeding</i> , 2018, 78, 155.	0.5	5
28	Strategies and prospects of haploid induction in rice (<i>Oryza sativa</i>). <i>Plant Breeding</i> , 2022, 141, 1-11.	1.9	5
29	High resolution genetic mapping and identification of a candidate gene(s) for the purple sheath color and plant height in an interspecific F2 population derived from <i>Oryza nivara</i> Sharma & Shastry \times <i>Oryza sativa</i> L. cross. <i>Genetic Resources and Crop Evolution</i> , 2020, 67, 97-105.	1.6	3
30	Eighty years of gene-for-gene relationship and its applications in identification and utilization of genes. <i>Journal of Genetics</i> , 2021, 100, .	0.7	3
31	Influence of explant collection period, antibrowning strategy and growth regulators composition on in vitro propagation of Bhagwa pomegranate. <i>Indian Journal of Horticulture</i> , 2019, 76, 273.	0.1	2
32	Access and Benefit Sharing on the Use of Indigenous Traditional Knowledge. , 2015, , 163-181.		1
33	Induction of useful variability for pericarp colour and bacterial blight resistance in rice (<i>Oryza</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.2	1
34	Advanced Quantitative Genetics Technologies for Accelerating Plant Breeding. , 2020, , 121-138.		1
35	Genetic Variation for Anaerobic Germination and Emergence from Deeper Soil Depth in <i>Oryza nivara</i> Accessions. <i>Rice Science</i> , 2022, 29, 304-308.	3.9	1