

Balwant Singh

List of Publications by Year in descending order

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21
papers

1,444
citations

840776

11
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

1816
citing authors

#	ARTICLE	IF	CITATIONS
1	Growing Rice with Less Water: Improving Productivity by Decreasing Water Demand. , 2021, , 147-170.		9
2	WRKY transcription factors and plant defense responses: latest discoveries and future prospects. Plant Cell Reports, 2021, 40, 1071-1085.	5.6	223
3	A genome-wide association study in Indian wild rice accessions for resistance to the root-knot nematode <i>Meloidogyne graminicola</i> . PLoS ONE, 2020, 15, e0239085.	2.5	21
4	Current status of genomic resources on wild relatives of rice. Breeding Science, 2020, 70, 135-144.	1.9	6
5	Candidate gene based association analysis of salt tolerance in traditional and improved varieties of rice (<i>Oryza sativa</i> L.). Journal of Plant Biochemistry and Biotechnology, 2019, 28, 76-83.	1.7	3
6	Linkage Disequilibrium Based Association and Inheritance of Blast Resistance in Improved Varieties and Landraces of Aromatic Rice. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2018, 88, 363-372.	1.0	0
7	A database of wild rice germplasm of <i>Oryza rufipogon</i> species complex from different agro-climatic zones of India. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	3.0	7
8	Genetically Engineering Cold Stress-Tolerant Crops: Approaches and Challenges. , 2018, , 179-195.		7
9	Evaluation of elite rice genotypes for physiological and yield attributes under aerobic and irrigated conditions in tarai areas of western Himalayan region. Current Plant Biology, 2018, 13, 45-52.	4.7	19
10	Morphological and Molecular Data Reveal Three Distinct Populations of Indian Wild Rice <i>Oryza rufipogon</i> Griff. Species Complex. Frontiers in Plant Science, 2018, 9, 123.	3.6	25
11	Crop Phenomics for Abiotic Stress Tolerance in Crop Plants. , 2018, , 277-296.		21
12	Application of Bioinformatics in Understanding of Plant Stress Tolerance. , 2017, , 347-374.		8
13	Evolutionary Insights Based on SNP Haplotypes of Red Pericarp, Grain Size and Starch Synthase Genes in Wild and Cultivated Rice. Frontiers in Plant Science, 2017, 8, 972.	3.6	21
14	Transcription Factors and Plants Response to Drought Stress: Current Understanding and Future Directions. Frontiers in Plant Science, 2016, 7, 1029.	3.6	611
15	Association of SNP Haplotypes of HKT Family Genes with Salt Tolerance in Indian Wild Rice Germplasm. Rice, 2016, 9, 15.	4.0	91
16	Haplotype distribution and association of candidate genes with salt tolerance in Indian wild rice germplasm. Plant Cell Reports, 2016, 35, 2295-2308.	5.6	41
17	Mapping QTLs for Salt Tolerance in Rice (<i>Oryza sativa</i> L.) by Bulk Segregant Analysis of Recombinant Inbred Lines Using 50K SNP Chip. PLoS ONE, 2016, 11, e0153610.	2.5	133
18	Single-copy gene based 50K SNP chip for genetic studies and molecular breeding in rice. Scientific Reports, 2015, 5, 11600.	3.3	124

#	ARTICLE	IF	CITATIONS
19	Natural allelic diversity in OsDREB1F gene in the Indian wild rice germplasm led to ascertain its association with drought tolerance. <i>Plant Cell Reports</i> , 2015, 34, 993-1004.	5.6	58
20	Haplotype diversity and association analysis of <i>SNAC1</i> gene in wild rice germplasm. <i>Indian Journal of Genetics and Plant Breeding</i> , 2015, 75, 157.	0.5	11
21	A comparative study of Inter Simple Sequence Repeat (ISSR), Random Amplified Polymorphic DNA (RAPD) and Simple Sequence Repeat (SSR) loci in assessing genetic diversity in <i>Amaranthus</i> . <i>Indian Journal of Genetics and Plant Breeding</i> , 2013, 73, 411.	0.5	5