Balwant Singh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4769377/publications.pdf

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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	Transcription Factors and Plants Response to Drought Stress: Current Understanding and Future Directions. Frontiers in Plant Science, 2016, 7, 1029.	3.6	611
2	WRKY transcription factors and plant defense responses: latest discoveries and future prospects. Plant Cell Reports, 2021, 40, 1071-1085.	5.6	223
3	Mapping QTLs for Salt Tolerance in Rice (Oryza sativa L.) by Bulked Segregant Analysis of Recombinant Inbred Lines Using 50K SNP Chip. PLoS ONE, 2016, 11, e0153610.	2.5	133
4	Single-copy gene based 50â€‰K SNP chip for genetic studies and molecular breeding in rice. Scientific Reports, 2015, 5, 11600.	3.3	124
5	Association of SNP Haplotypes of HKT Family Genes with Salt Tolerance in Indian Wild Rice Germplasm. Rice, 2016, 9, 15.	4.0	91
6	Natural allelic diversity in OsDREB1F gene in the Indian wild rice germplasm led to ascertain its association with drought tolerance. Plant Cell Reports, 2015, 34, 993-1004.	5.6	58
7	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
8	Morphological and Molecular Data Reveal Three Distinct Populations of Indian Wild Rice Oryza rufipogon Griff. Species Complex. Frontiers in Plant Science, 2018, 9, 123.	3.6	25
9	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
10	Crop Phenomics for Abiotic Stress Tolerance in Crop Plants. , 2018, , 277-296.		21
11	A genome-wide association study in Indian wild rice accessions for resistance to the root-knot nematode Meloidogyne graminicola. PLoS ONE, 2020, 15, e0239085.	2.5	21
12	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
13	Haplotype diversity and association analysis ofSNAC1gene in wild rice germplasm. Indian Journal of Genetics and Plant Breeding, 2015, 75, 157.	0.5	11
14	Growing Rice with Less Water: Improving Productivity by Decreasing Water Demand. , 2021, , 147-170.		9
15	Application of Bioinformatics in Understanding of Plant Stress Tolerance. , 2017, , 347-374.		8
16	A database of wild rice germplasm ofOryza rufipogonspecies complex from different agro-climatic zones of India. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	3.0	7
17	Genetically Engineering Cold Stress-Tolerant Crops: Approaches and Challenges. , 2018, , 179-195.		7
18	Current status of genomic resources on wild relatives of rice. Breeding Science, 2020, 70, 135-144.	1.9	6

#	Article	IF	Citations
19	A comparative study of Inter Simple Sequence Repeat (ISSR), Random Amplified Polymorphic DNA (RAPD) and Simple Sequence Repeat (SSR) loci in assessing genetic diversity inAmaranthus. Indian Journal of Genetics and Plant Breeding, 2013, 73, 411.	0.5	5
20	Candidate gene based association analysis of salt tolerance in traditional and improved varieties of rice (Oryza sativa L.). Journal of Plant Biochemistry and Biotechnology, 2019, 28, 76-83.	1.7	3
21	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