

Rajiv Sharma

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,264
citations

471509

17
h-index

642732

23
g-index

28
all docs

28
docs citations

28
times ranked

2629
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association studies for agronomical traits in a world wide spring barley collection. BMC Plant Biology, 2012, 12, 16.	3.6	341
2	Genebank genomics highlights the diversity of a global barley collection. Nature Genetics, 2019, 51, 319-326.	21.4	322
3	Evolution of the Grain Dispersal System in Barley. Cell, 2015, 162, 527-539.	28.9	265
4	Exome sequencing of geographically diverse barley landraces and wild relatives gives insights into environmental adaptation. Nature Genetics, 2016, 48, 1024-1030.	21.4	259
5	Modelling the genetic architecture of flowering time control in barley through nested association mapping. BMC Genomics, 2015, 16, 290.	2.8	192
6	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.. Genetical Research, 2008, 90, 397-407.	0.9	128
7	Genetic Dissection of Photoperiod Response Based on GWAS of Pre-Anthesis Phase Duration in Spring Barley. PLoS ONE, 2014, 9, e113120.	2.5	105
8	Mapping-by-Sequencing Identifies HvPHYTOCHROME C as a Candidate Gene for the early maturity 5 Locus Modulating the Circadian Clock and Photoperiodic Flowering in Barley. Genetics, 2014, 198, 383-396.	2.9	102
9	Structural and Temporal Variation in Genetic Diversity of European Spring Two-Row Barley Cultivars and Association Mapping of Quantitative Traits. Plant Genome, 2013, 6, plantgenome2013.03.0007.	2.8	95
10	Genome-Wide Association Analysis of Grain Yield-Associated Traits in a Pan-European Barley Cultivar Collection. Plant Genome, 2018, 11, 170073.	2.8	78
11	Genome-wide association of yield traits in a nested association mapping population of barley reveals new gene diversity for future breeding. Journal of Experimental Botany, 2018, 69, 3811-3822.	4.8	66
12	Genetic Diversity and Population Structure in a Legacy Collection of Spring Barley Landraces Adapted to a Wide Range of Climates. PLoS ONE, 2014, 9, e116164.	2.5	61
13	Discovery of genes affecting resistance of barley to adapted and non-adapted powdery mildew fungi. Genome Biology, 2014, 15, 518.	8.8	52
14	Genome-wide association mapping in a diverse spring barley collection reveals the presence of QTL hotspots and candidate genes for root and shoot architecture traits at seedling stage. BMC Plant Biology, 2019, 19, 216.	3.6	40
15	Contrasting genetic regulation of plant development in wild barley grown in two European environments revealed by nested association mapping. Journal of Experimental Botany, 2018, 69, 1517-1531.	4.8	33
16	Diversity of germination and seedling traits in a spring barley (<i>Hordeum vulgare</i> L.) collection under drought simulated conditions. Genetic Resources and Crop Evolution, 2015, 62, 275-292.	1.6	32
17	Marker-Assisted Development of Bacterial Blight Resistant, Dwarf, and High Yielding Versions of Two Traditional Basmati Rice Cultivars. Crop Science, 2011, 51, 759-770.	1.8	29
18	Genetic structure and eco-geographical adaptation of garlic landraces (<i>Allium sativum</i> L.) in Iran. Genetic Resources and Crop Evolution, 2014, 61, 1565-1580.	1.6	12

#	ARTICLE	IF	CITATIONS
19	Origin Specific Genomic Selection: A Simple Process To Optimize the Favorable Contribution of Parents to Progeny. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2445-2455.	1.8	9
20	The grain Hardness locus characterized in a diverse wheat panel (<i>Triticum aestivum</i> L.) adapted to the central part of the Fertile Crescent: genetic diversity, haplotype structure, and phylogeny. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1259-1275.	2.1	8
21	Trends of genetic changes uncovered by Env- and Eigen-GWAS in wheat and barley. <i>Theoretical and Applied Genetics</i> , 2022, 135, 667-678.	3.6	8
22	The highly divergent Jekyll genes, required for sexual reproduction, are lineage specific for the related grass tribes Triticeae and Bromaeae. <i>Plant Journal</i> , 2019, 98, 961-974.	5.7	7
23	Association Mapping: A New Paradigm for Dissection of Complex Traits in Crops. , 2014, , 1-20.		5
24	Insight into the genetic contribution of maximum yield potential, spikelet development and abortion in barley. <i>Plants People Planet</i> , 2021, 3, 721-736.	3.3	4