

Prabin Bajgain

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

420
citations

933447

10
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

580
citing authors

#	ARTICLE	IF	CITATIONS
1	Nested Association Mapping of Stem Rust Resistance in Wheat Using Genotyping by Sequencing. PLoS ONE, 2016, 11, e0155760.	2.5	107
2	“Clearwater”™, the first food-grade intermediate wheatgrass (<i>Kernza</i> perennial grain) cultivar. Journal of Plant Registrations, 2020, 14, 288-297.	0.5	58
3	QTL mapping of adult plant resistance to Ug99 stem rust in the spring wheat population RB07/MN06113-8. Molecular Breeding, 2015, 35, 1.	2.1	40
4	Comparing Genotyping-by-Sequencing and Single Nucleotide Polymorphism Chip Genotyping for Quantitative Trait Loci Mapping in Wheat. Crop Science, 2016, 56, 232-248.	1.8	35
5	Genome-Wide Association Study of Yield Component Traits in Intermediate Wheatgrass and Implications in Genomic Selection and Breeding. G3: Genes, Genomes, Genetics, 2019, 9, 2429-2439.	1.8	34
6	Enhancing Crop Domestication Through Genomic Selection, a Case Study of Intermediate Wheatgrass. Frontiers in Plant Science, 2020, 11, 319.	3.6	28
7	Phylogenetic analyses and in-seedling expression of ammonium and nitrate transporters in wheat. Scientific Reports, 2018, 8, 7082.	3.3	26
8	Development of genotyping by sequencing (GBS)- and array-derived SNP markers for stem rust resistance gene Sr42. Molecular Breeding, 2015, 35, 1.	2.1	24
9	Dominance and G×E interaction effects improve genomic prediction and genetic gain in intermediate wheatgrass (<i>Thinopyrum intermedium</i>). Plant Genome, 2020, 13, e20012.	2.8	19
10	Characterization of Genetic Resistance to Fusarium Head Blight and Bacterial Leaf Streak in Intermediate Wheatgrass (<i>Thinopyrum intermedium</i>). Agronomy, 2019, 9, 429.	3.0	14
11	Genetic architecture of agronomic and quality traits in a nested association mapping population of spring wheat. Plant Genome, 2020, 13, e20051.	2.8	11
12	Optimizing Training Population Size and Content to Improve Prediction Accuracy of FHB-Related Traits in Wheat. Agronomy, 2020, 10, 543.	3.0	9
13	Multi-Allelic Haplotype-Based Association Analysis Identifies Genomic Regions Controlling Domestication Traits in Intermediate Wheatgrass. Agriculture (Switzerland), 2021, 11, 667.	3.1	9
14	Genetic characterization of flour quality and bread-making traits in a spring wheat nested association mapping population. Crop Science, 2021, 61, 1168-1183.	1.8	4
15	Molecular Characterization of Genomic Regions for Adult Plant Resistance to Stem Rust in a Spring Wheat Mapping Population. Plant Disease, 2022, 106, 439-450.	1.4	1
16	Influence of Pollen Dispersal and Mating Pattern in Domestication of Intermediate Wheatgrass, a Novel Perennial Food Crop. Frontiers in Plant Science, 2022, 13, 871130.	3.6	1
17	Registration of KUWNSr, a wheat stem rust nested association mapping population. Journal of Plant Registrations, 2020, 14, 467-473.	0.5	0
18	Genome-wide association mapping and genomic prediction for kernel color traits in intermediate wheatgrass (<i>Thinopyrum intermedium</i>). BMC Plant Biology, 2022, 22, 218.	3.6	0