

Prabin Bajgain

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3876791/publications.pdf>

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