

Xiaofei Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,109
citations

516710

16
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642732

23
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docs citations

23
times ranked

1103
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Throughput Virus Screening in Crosses of South American and African Cassava Germplasm Reveals Broad-Spectrum Resistance against Viruses Causing Cassava Brown Streak Disease and Cassava Mosaic Virus Disease. <i>Agronomy</i> , 2022, 12, 1055.	3.0	7
2	Floret site utilization and reproductive tiller number are primary components of grain yield in intermediate wheatgrass spaced plants. <i>Crop Science</i> , 2021, 61, 1073-1088.	1.8	19
3	Correlation of cooking time with water absorption and changes in relative density during boiling of cassava roots. <i>International Journal of Food Science and Technology</i> , 2021, 56, 1193-1205.	2.7	11
4	Fifty years of a public cassava breeding program: evolution of breeding objectives, methods, and decision-making processes. <i>Theoretical and Applied Genetics</i> , 2021, 134, 2335-2353.	3.6	18
5	Identifying New Resistance to Cassava Mosaic Disease and Validating Markers for the CMD2 Locus. <i>Agriculture (Switzerland)</i> , 2021, 11, 829.	3.1	8
6	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
7	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
8	Enhancing Crop Domestication Through Genomic Selection, a Case Study of Intermediate Wheatgrass. <i>Frontiers in Plant Science</i> , 2020, 11, 319.	3.6	28
9	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
10	Genome mapping of quantitative trait loci (QTL) controlling domestication traits of intermediate wheatgrass (<i>Thinopyrum intermedium</i>). <i>Theoretical and Applied Genetics</i> , 2019, 132, 2325-2351.	3.6	30
11	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
12	Development of the first consensus genetic map of intermediate wheatgrass (<i>Thinopyrum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td	3.6	43
13	Uncovering the Genetic Architecture of Seed Weight and Size in Intermediate Wheatgrass through Linkage and Association Mapping. <i>Plant Genome</i> , 2017, 10, plantgenome2017.03.0022.	2.8	26
14	Establishment and Optimization of Genomic Selection to Accelerate the Domestication and Improvement of Intermediate Wheatgrass. <i>Plant Genome</i> , 2016, 9, plantgenome2015.07.0059.	2.8	86
15	A Pipeline Strategy for Grain Crop Domestication. <i>Crop Science</i> , 2016, 56, 917-930.	1.8	101
16	Wheat Fhb1 encodes a chimeric lectin with agglutinin domains and a pore-forming toxin-like domain conferring resistance to Fusarium head blight. <i>Nature Genetics</i> , 2016, 48, 1576-1580.	21.4	299
17	Development and verification of wheat germplasm containing both Sr2 and Fhb1. <i>Molecular Breeding</i> , 2016, 36, 1.	2.1	32
18	Perennial Grain and Oilseed Crops. <i>Annual Review of Plant Biology</i> , 2016, 67, 703-729.	18.7	68

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19	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
20	Towards the understanding of end-use quality in intermediate wheatgrass (<i>Thinopyrum intermedium</i>): High-molecular-weight glutenin subunits, protein polymerization, and mixing characteristics. <i>Journal of Cereal Science</i> , 2015, 66, 81-88.	3.7	20
21	New insights into high-molecular-weight glutenin subunits and sub-genomes of the perennial crop <i>Thinopyrum intermedium</i> (Triticeae). <i>Journal of Cereal Science</i> , 2014, 59, 203-210.	3.7	22
22	Composition and functional analysis of low-molecular-weight glutenin alleles with Aroona near-isogenic lines of bread wheat. <i>BMC Plant Biology</i> , 2012, 12, 243.	3.6	68
23	New Insights into the Organization, Recombination, Expression and Functional Mechanism of Low Molecular Weight Glutenin Subunit Genes in Bread Wheat. <i>PLoS ONE</i> , 2010, 5, e13548.	2.5	74