

Richard E Boyles

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

665
citations

840776
11
h-index

794594
19
g-index

27
all docs

27
docs citations

27
times ranked

659
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Methods for Measuring Fusarium-Damaged Kernels of Wheat. <i>Agronomy</i> , 2022, 12, 532.	3.0	6
2	Traits and underlying genetics important for low-input organic sorghum production. <i>Crop Science</i> , 2022, 62, 753-766.	1.8	0
3	Sorghum Association Panel whole-genome sequencing establishes cornerstone resource for dissecting genomic diversity. <i>Plant Journal</i> , 2022, 111, 888-904.	5.7	20
4	Genome-wide association studies of antimicrobial activity in global sorghum. <i>Crop Science</i> , 2021, 61, 1301-1316.	1.8	7
5	Soft red winter wheat ‘GA 051207’ 14E53™: Adapted cultivar to Georgia and the U.S. Southeast region. <i>Journal of Plant Registrations</i> , 2021, 15, 132-139.	0.5	0
6	Genetic characterization of a Sorghum bicolor multiparent mapping population emphasizing carbon-partitioning dynamics. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	23
7	A new soft red winter wheat cultivar, ‘GA 07353’ 14E19™, adapted to Georgia and the U.S. Southeast environments. <i>Journal of Plant Registrations</i> , 2021, 15, 337-344.	0.5	0
8	The Sorghum Grain Mold Disease Complex: Pathogens, Host Responses, and the Bioactive Metabolites at Play. <i>Frontiers in Plant Science</i> , 2021, 12, 660171.	3.6	6
9	Meta-analysis identifies pleiotropic loci controlling phenotypic trade-offs in sorghum. <i>Genetics</i> , 2021, 218, .	2.9	24
10	Registration of ‘GA06343’ 13E2 (TX 14E12)™ soft red winter wheat. <i>Journal of Plant Registrations</i> , 2021, 15, 107-112.	0.5	0
11	Exploring diverse sorghum (Sorghum bicolor (L.) Moench) accessions for malt amylase activity. <i>Journal of the Institute of Brewing</i> , 2021, 127, 5-12.	2.3	4
12	Multi-Trait Regressor Stacking Increased Genomic Prediction Accuracy of Sorghum Grain Composition. <i>Agronomy</i> , 2020, 10, 1221.	3.0	20
13	Identification of Novel Genomic Associations and Gene Candidates for Grain Starch Content in Sorghum. <i>Genes</i> , 2020, 11, 1448.	2.4	6
14	Impact of sorghum racial structure and diversity on genomic prediction of grain yield components. <i>Crop Science</i> , 2020, 60, 132-148.	1.8	30
15	Species-Specific Duplication Event Associated with Elevated Levels of Nonstructural Carbohydrates in Sorghum bicolor. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 1511-1520.	1.8	13
16	Yield Data from the Uniform Southern Soft Red Winter Wheat Nursery Emphasize Importance of Selection Location and Environment for Cultivar Development. <i>Crop Science</i> , 2019, 59, 1887-1898.	1.8	6
17	Genetic and genomic resources of sorghum to connect genotype with phenotype in contrasting environments. <i>Plant Journal</i> , 2019, 97, 19-39.	5.7	88
18	Genetic architecture of kernel composition in global sorghum germplasm. <i>BMC Genomics</i> , 2017, 18, 15.	2.8	67

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19	Genetic dissection of sorghum grain quality traits using diverse and segregating populations. Theoretical and Applied Genetics, 2017, 130, 697-716.	3.6	64
20	Quantitative Trait Loci Mapping of Agronomic and Yield Traits in Two Grain Sorghum Biparental Families. Crop Science, 2017, 57, 2443-2456.	1.8	29
21	Genome-Wide Association Studies of Grain Yield Components in Diverse Sorghum Germplasm. Plant Genome, 2016, 9, plantgenome2015.09.0091.	2.8	78
22	A Genomic Resource for the Development, Improvement, and Exploitation of Sorghum for Bioenergy. Genetics, 2016, 204, 21-33.	2.9	115
23	Integration of Experiments across Diverse Environments Identifies the Genetic Determinants of Variation in <i>Sorghum bicolor</i> Seed Element Composition. Plant Physiology, 2016, 170, 1989-1998.	4.8	53
24	Registration of the sorghum carbon partitioning nested association mapping (CPaNAM) population. Journal of Plant Registrations, 0, , .	0.5	3