

Richard E Boyles

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

665
citations

840119

11
h-index

794141

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27
all docs

27
docs citations

27
times ranked

659
citing authors

#	ARTICLE	IF	CITATIONS
1	A Genomic Resource for the Development, Improvement, and Exploitation of Sorghum for Bioenergy. <i>Genetics</i> , 2016, 204, 21-33.	1.2	115
2	Genetic and genomic resources of sorghum to connect genotype with phenotype in contrasting environments. <i>Plant Journal</i> , 2019, 97, 19-39.	2.8	88
3	Genome-Wide Association Studies of Grain Yield Components in Diverse Sorghum Germplasm. <i>Plant Genome</i> , 2016, 9, plantgenome2015.09.0091.	1.6	78
4	Genetic architecture of kernel composition in global sorghum germplasm. <i>BMC Genomics</i> , 2017, 18, 15.	1.2	67
5	Genetic dissection of sorghum grain quality traits using diverse and segregating populations. <i>Theoretical and Applied Genetics</i> , 2017, 130, 697-716.	1.8	64
6	Integration of Experiments across Diverse Environments Identifies the Genetic Determinants of Variation in <i>Sorghum bicolor</i> Seed Element Composition. <i>Plant Physiology</i> , 2016, 170, 1989-1998.	2.3	53
7	Impact of sorghum racial structure and diversity on genomic prediction of grain yield components. <i>Crop Science</i> , 2020, 60, 132-148.	0.8	30
8	Quantitative Trait Loci Mapping of Agronomic and Yield Traits in Two Grain Sorghum Biparental Families. <i>Crop Science</i> , 2017, 57, 2443-2456.	0.8	29
9	Meta-analysis identifies pleiotropic loci controlling phenotypic trade-offs in sorghum. <i>Genetics</i> , 2021, 218, .	1.2	24
10	Genetic characterization of a <i>Sorghum bicolor</i> multiparent mapping population emphasizing carbon-partitioning dynamics. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	0.8	23
11	Multi-Trait Regressor Stacking Increased Genomic Prediction Accuracy of Sorghum Grain Composition. <i>Agronomy</i> , 2020, 10, 1221.	1.3	20
12	Sorghum Association Panel Whole-genome sequencing establishes cornerstone resource for dissecting genomic diversity. <i>Plant Journal</i> , 2022, 111, 888-904.	2.8	20
13	Species-Specific Duplication Event Associated with Elevated Levels of Nonstructural Carbohydrates in <i>Sorghum bicolor</i> . <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 1511-1520.	0.8	13
14	Genome-wide association studies of antimicrobial activity in global sorghum. <i>Crop Science</i> , 2021, 61, 1301-1316.	0.8	7
15	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.	0.8	6
16	Identification of Novel Genomic Associations and Gene Candidates for Grain Starch Content in Sorghum. <i>Genes</i> , 2020, 11, 1448.	1.0	6
17	The Sorghum Grain Mold Disease Complex: Pathogens, Host Responses, and the Bioactive Metabolites at Play. <i>Frontiers in Plant Science</i> , 2021, 12, 660171.	1.7	6
18	Evaluation of Methods for Measuring Fusarium-Damaged Kernels of Wheat. <i>Agronomy</i> , 2022, 12, 532.	1.3	6

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19	Exploring diverse sorghum (<i>Sorghum bicolor</i> (L.) Moench) accessions for malt amylase activity. <i>Journal of the Institute of Brewing</i> , 2021, 127, 5-12.	0.8	4
20	Registration of the sorghum carbon partitioning nested association mapping (CPNAM) population. <i>Journal of Plant Registrations</i> , 0, , .	0.4	3
21	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.	0.4	0
22	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.	0.4	0
23	Registration of "GA06343"13E2 (TX"EL2)" soft red winter wheat. <i>Journal of Plant Registrations</i> , 2021, 15, 107-112.	0.4	0
24	Traits and underlying genetics important for low-input organic sorghum production. <i>Crop Science</i> , 2022, 62, 753-766.	0.8	0