Richard E Boyles

List of Publications by Year
in descending order

24	665	840776 11	794594 19
papers	citations	h-index	g-index

27	27	27	659
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Genomic Resource for the Development, Improvement, and Exploitation of Sorghum for Bioenergy. Genetics, 2016, 204, 21-33.	2.9	115
2	Genetic and genomic resources of sorghum to connect genotype with phenotype in contrasting environments. Plant Journal, 2019, 97, 19-39.	5.7	88
3	Genomeâ€Wide Association Studies of Grain Yield Components in Diverse Sorghum Germplasm. Plant Genome, 2016, 9, plantgenome2015.09.0091.	2.8	78
4	Genetic architecture of kernel composition in global sorghum germplasm. BMC Genomics, 2017, 18, 15.	2.8	67
5	Genetic dissection of sorghum grain quality traits using diverse and segregating populations. Theoretical and Applied Genetics, 2017, 130, 697-716.	3.6	64
6	Integration of Experiments across Diverse Environments Identifies the Genetic Determinants of Variation in Sorghum bicolor Seed Element Composition. Plant Physiology, 2016, 170, 1989-1998.	4.8	53
7	Impact of sorghum racial structure and diversity on genomic prediction of grain yield components. Crop Science, 2020, 60, 132-148.	1.8	30
8	Quantitative Trait Loci Mapping of Agronomic and Yield Traits in Two Grain Sorghum Biparental Families. Crop Science, 2017, 57, 2443-2456.	1.8	29
9	Meta-analysis identifies pleiotropic loci controlling phenotypic trade-offs in sorghum. Genetics, 2021, 218, .	2.9	24
10	Genetic characterization of aSorghum bicolormultiparent mapping population emphasizing carbon-partitioning dynamics. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	23
11	Multi-Trait Regressor Stacking Increased Genomic Prediction Accuracy of Sorghum Grain Composition. Agronomy, 2020, 10, 1221.	3.0	20
12	Sorghum Association PanelÂwholeâ€genome sequencing establishes cornerstone resource for dissecting genomic diversity. Plant Journal, 2022, 111, 888-904.	5.7	20
13	Species-Specific Duplication Event Associated with Elevated Levels of Nonstructural Carbohydrates in Sorghum bicolor. G3: Genes, Genomes, Genetics, 2020, 10, 1511-1520.	1.8	13
14	Genomeâ€wide association studies of antimicrobial activity in global sorghum. Crop Science, 2021, 61, 1301-1316.	1.8	7
15	Yield Data from the Uniform Southern Soft Red Winter Wheat Nursery Emphasize Importance of Selection Location and Environment for Cultivar Development. Crop Science, 2019, 59, 1887-1898.	1.8	6
16	Identification of Novel Genomic Associations and Gene Candidates for Grain Starch Content in Sorghum. Genes, 2020, 11, 1448.	2.4	6
17	The Sorghum Grain Mold Disease Complex: Pathogens, Host Responses, and the Bioactive Metabolites at Play. Frontiers in Plant Science, 2021, 12, 660171.	3.6	6
18	Evaluation of Methods for Measuring Fusarium-Damaged Kernels of Wheat. Agronomy, 2022, 12, 532.	3.0	6

#	Article	IF	Citations
19	Exploring diverse sorghum (Sorghum bicolor (L.) Moench) accessions for malt amylase activity. Journal of the Institute of Brewing, 2021, 127, 5-12.	2.3	4
20	Registration of the sorghum carbonâ€partitioning nested association mapping (CPâ€NAM) population. Journal of Plant Registrations, 0, , .	0.5	3
21	Soft red winter wheat â€˜GA 051207â€14E53â€™: Adapted cultivar to Georgia and the U.S. Southeast region. Journal of Plant Registrations, 2021, 15, 132-139.	0.5	0
22	A new soft red winter wheat cultivar, â€˜GA 07353â€14E19â€™, adapted to Georgia and the U.S. Southeast environments. Journal of Plant Registrations, 2021, 15, 337-344.	0.5	0
23	Registration of â€˜GA06343â€13E2 (TXâ€EL2)â€™ soft red winter wheat. Journal of Plant Registrations, 2021, 15, 107-112.	0.5	0
24	Traits and underlying genetics important for lowâ€input organic sorghum production. Crop Science, 2022, 62, 753-766.	1.8	0