Stephen Kresovich

List of Publications by Year
in descending order

14	4,172	759233 12	1058476 14
papers	citations	h-index	g-index

16	16	16	5687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Sorghum bicolor genome and the diversification of grasses. Nature, 2009, 457, 551-556.	27.8	2,642
2	Population genomic and genome-wide association studies of agroclimatic traits in sorghum. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 453-458.	7.1	743
3	Genome-environment associations in sorghum landraces predict adaptive traits. Science Advances, 2015, 1, e1400218.	10.3	257
4	A Genomic Resource for the Development, Improvement, and Exploitation of Sorghum for Bioenergy. Genetics, 2016, 204, 21-33.	2.9	115
5	Genetic and genomic resources of sorghum to connect genotype with phenotype in contrasting environments. Plant Journal, 2019, 97, 19-39.	5.7	88
6	A new reference genome for Sorghum bicolor reveals high levels of sequence similarity between sweet and grain genotypes: implications for the genetics of sugar metabolism. BMC Genomics, 2019, 20, 420.	2.8	73
7	Genetic architecture of kernel composition in global sorghum germplasm. BMC Genomics, 2017, 18, 15.	2.8	67
8	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
9	Metabolomics of sorghum roots during nitrogen stress reveals compromised metabolic capacity for salicylic acid biosynthesis. Plant Direct, 2019, 3, e00122.	1.9	32
10	Variation in Root Exudate Composition Influences Soil Microbiome Membership and Function. Applied and Environmental Microbiology, 2022, 88, e0022622.	3.1	30
11	Quantitative Trait Loci Mapping of Agronomic and Yield Traits in Two Grain Sorghum Biparental Families. Crop Science, 2017, 57, 2443-2456.	1.8	29
12	Meta-analysis identifies pleiotropic loci controlling phenotypic trade-offs in sorghum. Genetics, 2021, 218, .	2.9	24
13	Sorghum [Sorghum bicolor(L.) Moench] Genotypes with Contrasting Polyphenol Compositions Differentially Modulate Inflammatory Cytokines in Mouse Macrophages. Journal of Chemistry, 2016, 2016, 1-10.	1.9	10
14	The Association of Neighborhood Gene-Environment Susceptibility with Cortisol and Blood Pressure in African-American Adults. Annals of Behavioral Medicine, 2016, 50, 98-107.	2.9	7