David F Garvin

List of Publications by Year
in descending order

17	1,043	687363	888059
papers	citations	13 h-index	17 g-index

17	17	17	1457
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Historical shifts in the seed mineral micronutrient concentration of US hard red winter wheat germplasm. Journal of the Science of Food and Agriculture, 2006, 86, 2213-2220.	3.5	212
2	Analysis of the Lr34/Yr18 Rust Resistance Region in Wheat Germplasm. Crop Science, 2008, 48, 1841-1852.	1.8	155
3	Agrobacterium-mediated transformation and inbred line development in the model grass Brachypodium distachyon. Plant Cell, Tissue and Organ Culture, 2006, 84, 199-211.	2.3	141
4	Development of Genetic and Genomic Research Resources for Brachypodium distachyon, a New Model System for Grass Crop Research. Crop Science, 2008, 48, S-69.	1.8	133
5	Comparison of a high-density genetic linkage map to genome features in the model grass Brachypodium distachyon. Theoretical and Applied Genetics, 2011, 123, 455-464.	3.6	70
6	Analysis and annotation of the hexaploid oat seed transcriptome. BMC Genomics, 2013, 14, 471.	2.8	62
7	Update on the genomics and basic biology of Brachypodium. Trends in Plant Science, 2014, 19, 414-418.	8.8	60
8	Infection of Brachypodium distachyon by Formae Speciales of Puccinia graminis: Early Infection Events and Host-Pathogen Incompatibility. PLoS ONE, 2013, 8, e56857.	2.5	52
9	Quantitative Trait Locus Mapping of Increased Fusarium Head Blight Susceptibility Associated with a Wild Emmer Wheat Chromosome. Phytopathology, 2009, 99, 447-452.	2.2	35
10	Brachypodium: a new monocot model plant system emerges. Journal of the Science of Food and Agriculture, 2007, 87, 1177-1179.	3.5	32
11	A developmental profile of tocol accumulation in oat seeds. Journal of Cereal Science, 2013, 57, 79-83.	3.7	24
12	Heritable temporal gene expression patterns correlate with metabolomic seed content in developing hexaploid oat seed. Plant Biotechnology Journal, 2020, 18, 1211-1222.	8.3	19
13	Reference Genomeâ€Directed Resolution of Homologous and Homeologous Relationships within and between Different Oat Linkage Maps. Plant Genome, 2011, 4, .	2.8	15
14	Cell Wall Composition and Biomass Recalcitrance Differences Within a Genotypically Diverse Set of Brachypodium distachyon Inbred Lines. Frontiers in Plant Science, 2016, 7, 708.	3.6	13
15	De Novo Transcriptome Assembly in Polyploid Species. Methods in Molecular Biology, 2017, 1536, 209-221.	0.9	13
16	Genomic Dissection of Nonhost Resistance to Wheat Stem Rust in Brachypodium distachyon. Molecular Plant-Microbe Interactions, 2019, 32, 392-400.	2.6	4
17	A Homolog of the Arabidopsis TIME FOR COFFEE Gene Is Involved in Nonhost Resistance to Wheat Stem Rust in Brachypodium distachyon. Molecular Plant-Microbe Interactions, 2021, , MPMI06210137R.	2.6	3