Addie M Thompson

List of Publications by Year
in descending order

		1040056	1199594
14 papers	724 citations	9 h-index	12 g-index
19 all docs	19 docs citations	19 times ranked	1286 citing authors

#	Article	IF	Citations
1	Arabidopsis MYB30 is a direct target of BES1 and cooperates with BES1 to regulate brassinosteroidâ€induced gene expression. Plant Journal, 2009, 58, 275-286.	5.7	228
2	Modelling strategies for assessing and increasing the effectiveness of new phenotyping techniques in plant breeding. Plant Science, 2019, 282, 23-39.	3.6	173
3	Brd1 Gene in Maize Encodes a Brassinosteroid C-6 Oxidase. PLoS ONE, 2012, 7, e30798.	2.5	116
4	The importance of dominance and genotype-by-environment interactions on grain yield variation in a large-scale public cooperative maize experiment. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	52
5	Meiotic crossovers characterized by haplotype-specific chromosome painting in maize. Nature Communications, 2019, 10, 4604.	12.8	40
6	An opinion on imaging challenges in phenotyping field crops. Machine Vision and Applications, 2016, 27, 681-694.	2.7	20
7	Sorghum Biomass Prediction Using Uav-Based Remote Sensing Data and Crop Model Simulation. , 2018, , .		19
8	Integrating crop growth models with remote sensing for predicting biomass yield of sorghum. In Silico Plants, 2021, 3, .	1.9	18
9	Germplasm Architecture Revealed through Chromosomal Effects for Quantitative Traits in Maize. Plant Genome, 2016, 9, plantgenome2016.03.0028.	2.8	14
10	Automation of leaf counting in maize and sorghum using deep learning. The Plant Phenome Journal, 2021, 4, e20022.	2.0	14
11	Utilizing MIKC-type MADS-box protein SOC1 for yield potential enhancement in maize. Plant Cell Reports, 2021, 40, 1679-1693.	5.6	12
12	Mapping the Increased Protein Digestibility Trait in the Highâ€Lysine Sorghum Mutant P721Q. Crop Science, 2016, 56, 2647-2651.	1.8	9
13	Detecting and Counting Panicles in Sorghum Images. , 2018, , .		4
14	Advances in plant phenomics: From data and algorithms to biological insights. Applications in Plant Sciences, 2020, 8, e11386.	2.1	1