

Addie M Thompson

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

724
citations

1040056

9
h-index

1199594

12
g-index

19
all docs

19
docs citations

19
times ranked

1286
citing authors

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