

Emilie J Millet

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

717
citations

1040056

9
h-index

1125743

13
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14
all docs

14
docs citations

14
times ranked

1013
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Genomic prediction of maize yield across European environmental conditions. <i>Nature Genetics</i> , 2019, 51, 952-956.	21.4	157
3	Genome-wide analysis of yield in Europe: allelic effects as functions of drought and heat scenarios. <i>Plant Physiology</i> , 2016, 172, pp.00621.2016.	4.8	140
4	Phenomics allows identification of genomic regions affecting maize stomatal conductance with conditional effects of water deficit and evaporative demand. <i>Plant, Cell and Environment</i> , 2018, 41, 314-326.	5.7	77
5	Genotyping-by-sequencing and SNP-arrays are complementary for detecting quantitative trait loci by tagging different haplotypes in association studies. <i>BMC Plant Biology</i> , 2019, 19, 318.	3.6	45
6	Distinct controls of leaf widening and elongation by light and evaporative demand in maize. <i>Plant, Cell and Environment</i> , 2017, 40, 2017-2028.	5.7	31
7	The use of thermal time in plant studies has a sound theoretical basis provided that confounding effects are avoided. <i>Journal of Experimental Botany</i> , 2019, 70, 2359-2370.	4.8	26
8	Physiological adaptive traits are a potential allele reservoir for maize genetic progress under challenging conditions. <i>Nature Communications</i> , 2022, 13, .	12.8	19
9	A European perspective on opportunities and demands for field-based crop phenotyping. <i>Field Crops Research</i> , 2022, 276, 108371.	5.1	17
10	A two-stage approach for the spatio-temporal analysis of high-throughput phenotyping data. <i>Scientific Reports</i> , 2022, 12, 3177.	3.3	10
11	Semantic concept schema of the linear mixed model of experimental observations. <i>Scientific Data</i> , 2020, 7, 70.	5.3	8
12	Plant metabolomics and breeding. <i>Advances in Botanical Research</i> , 2021, , 207-235.	1.1	7
13	Simulating the effect of flowering time on maize individual leaf area in contrasting environmental scenarios. <i>Journal of Experimental Botany</i> , 2020, 71, 5577-5588.	4.8	6