

Santiago Alvarez Prado

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

477
citations

1040056

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h-index

888059

17
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19
docs citations

19
times ranked

743
citing authors

#	ARTICLE	IF	CITATIONS
1	Source-sink limitations for grain weight in wheat and barley under waterlogging conditions during pre-anthesis. <i>Journal of Agronomy and Crop Science</i> , 2022, 208, 76-88.	3.5	6
2	Spatial and temporal variation in drought types for wheat in Argentina and its association with actual yield and fertilization rate. <i>Field Crops Research</i> , 2022, 280, 108469.	5.1	5
3	Barley. , 2021, , 164-195.		6
4	Has yield plasticity already been exploited by soybean breeding programmes in Argentina?. <i>Journal of Experimental Botany</i> , 2021, 72, 7264-7273.	4.8	9
5	Optimizing wheat (<i>Triticum aestivum</i> L.) management under dry environments: A case study in the West Pampas of Argentina. <i>Agricultural Water Management</i> , 2020, 233, 106092.	5.6	3
6	To clean or not to clean phenotypic datasets for outlier plants in genetic analyses?. <i>Journal of Experimental Botany</i> , 2019, 70, 3693-3698.	4.8	7
7	Phenotypic and genetic analysis to identify secondary physiological traits for improving grain yield in wheat considering anthesis time variability. <i>Euphytica</i> , 2019, 215, 1.	1.2	6
8	Genomic prediction of maize yield across European environmental conditions. <i>Nature Genetics</i> , 2019, 51, 952-956.	21.4	157
9	Genetic and environmental dissection of biomass accumulation in multi-genotype maize canopies. <i>Journal of Experimental Botany</i> , 2019, 70, 2523-2534.	4.8	33
10	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
11	Strategies for yield determination of bread wheat and two-row barley growing under different environments: A comparative study. <i>Field Crops Research</i> , 2017, 203, 94-105.	5.1	27
12	Kernel $\delta^{18}O$ reflects changes in apical dominance and plant transpiration in tropical maize. <i>Journal of Agronomy and Crop Science</i> , 2017, 203, 277-285.	3.5	7
13	The Genetic Architecture of Maize (<i>Zea mays</i> L.) Kernel Weight Determination. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1611-1621.	1.8	34
14	Independent genetic control of maize (<i>Zea mays</i> L.) kernel weight determination and its phenotypic plasticity. <i>Journal of Experimental Botany</i> , 2014, 65, 4479-4487.	4.8	29
15	Dissecting the genetic basis of physiological processes determining maize kernel weight using the IBM (B73-Mo17) Syn4 population. <i>Field Crops Research</i> , 2013, 145, 33-43.	5.1	28
16	Comparative behavior of wheat and barley associated with field release and grain weight determination. <i>Field Crops Research</i> , 2013, 144, 28-33.	5.1	23
17	Correlations Between Parental Inbred Lines and Derived Hybrid Performance for Grain Filling Traits in Maize. <i>Crop Science</i> , 2013, 53, 1636-1645.	1.8	17