Santiago Alvarez Prado

List of Publications by Year
in descending order

17	477	1040056 9	888059 17
papers	citations	h-index	g-index

19	19	19	743
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genomic prediction of maize yield across European environmental conditions. Nature Genetics, 2019, 51, 952-956.	21.4	157
2	Phenomics allows identification of genomic regions affecting maize stomatal conductance with conditional effects of water deficit and evaporative demand. Plant, Cell and Environment, 2018, 41, 314-326.	5.7	77
3	The Genetic Architecture of Maize (Zea mays L.) Kernel Weight Determination. G3: Genes, Genomes, Genetics, 2014, 4, 1611-1621.	1.8	34
4	Genetic and environmental dissection of biomass accumulation in multi-genotype maize canopies. Journal of Experimental Botany, 2019, 70, 2523-2534.	4.8	33
5	Independent genetic control of maize (Zea mays L.) kernel weight determination and its phenotypic plasticity. Journal of Experimental Botany, 2014, 65, 4479-4487.	4.8	29
6	Dissecting the genetic basis of physiological processes determining maize kernel weight using the IBM (B73Ã—Mo17) Syn4 population. Field Crops Research, 2013, 145, 33-43.	5.1	28
7	Strategies for yield determination of bread wheat and two-row barley growing under different environments: A comparative study. Field Crops Research, 2017, 203, 94-105.	5.1	27
8	Comparative behavior of wheat and barley associated with field release and grain weight determination. Field Crops Research, 2013, 144, 28-33.	5.1	23
9	Correlations Between Parental Inbred Lines and Derived Hybrid Performance for Grain Filling Traits in Maize. Crop Science, 2013, 53, 1636-1645.	1.8	17
10	Has yield plasticity already been exploited by soybean breeding programmes in Argentina?. Journal of Experimental Botany, 2021, 72, 7264-7273.	4.8	9
11	Kernel Î´¹⁸O reflects changes in apical dominance and plant transpiration in tropical maize. Journal of Agronomy and Crop Science, 2017, 203, 277-285.	3.5	7
12	To clean or not to clean phenotypic datasets for outlier plants in genetic analyses?. Journal of Experimental Botany, 2019, 70, 3693-3698.	4.8	7
13	Phenotypic and genetic analysis to identify secondary physiological traits for improving grain yield in wheat considering anthesis time variability. Euphytica, 2019, 215, 1.	1.2	6
14	Barley. , 2021, , 164-195.		6
15	Sourceâ€sink limitations for grain weight in wheat and barley under waterlogging conditions during preâ€anthesis. Journal of Agronomy and Crop Science, 2022, 208, 76-88.	3.5	6
16	Spatial and temporal variation in drought types for wheat in Argentina and its association with actual yield and fertilization rate. Field Crops Research, 2022, 280, 108469.	5.1	5
17	Optimizing wheat (Triticum aestivum L.) management under dry environments: A case study in the West Pampas of Argentina. Agricultural Water Management, 2020, 233, 106092.	5.6	3