Julio Isidro-Sánchez

List of Publications by Year
in descending order

24 papers	1,171 citations	687363 13 h-index	642732 23 g-index
28 all docs	28 docs citations	28 times ranked	1341 citing authors

#	Article	IF	Citations
1	Assessment of genomic prediction reliability and optimization of experimental designs in multi-environment trials. Theoretical and Applied Genetics, 2022, 135, 405-419.	3.6	6
2	Genotype by Environment Interaction Analysis of Agronomic Spring Barley Traits in Iceland Using AMMI, Factorial Regression Model and Linear Mixed Model. Agronomy, 2021, 11, 499.	3.0	18
3	TrainSel: An R Package for Selection of Training Populations. Frontiers in Genetics, 2021, 12, 655287.	2.3	15
4	Genomic prediction and training set optimization in a structured Mediterranean oat population. Theoretical and Applied Genetics, 2021, 134, 3595-3609.	3.6	12
5	Training Set Optimization for Sparse Phenotyping in Genomic Selection: A Conceptual Overview. Frontiers in Plant Science, 2021, 12, 715910.	3.6	21
6	Combining Partially Overlapping Multi-Omics Data in Databases Using Relationship Matrices. Frontiers in Plant Science, 2020, 11, 947.	3.6	10
7	Genome‐wide association mapping of *Fusarium langsethiae* infection and mycotoxin accumulation in oat (*Avena sativa* L.). Plant Genome, 2020, 13, e20023.	2.8	11
8	Genomic Approaches for Climate Resilience Breeding in Oats. , 2020, , 133-169.		9
9	Design of training populations for selective phenotyping in genomic prediction. Scientific Reports, 2019, 9, 1446.	3.3	70
10	Multi-objective optimized genomic breeding strategies for sustainable food improvement. Heredity, 2019, 122, 672-683.	2.6	77
11	High-density genetic mapping of a major QTL for resistance to multiple races of loose smut in a tetraploid wheat cross. PLoS ONE, 2018, 13, e0192261.	2.5	18
12	Genome-Wide Association Analysis Using R. Methods in Molecular Biology, 2017, 1536, 189-207.	0.9	14
13	Effects of Seeding Rate on Durum Crop Production and Physiological Responses. Agronomy Journal, 2017, 109, 1981-1990.	1.8	13
14	Locally epistatic models for genome-wide prediction and association by importance sampling. Genetics Selection Evolution, 2017, 49, 74.	3.0	18
15	Chromatographic Methods to Evaluate Nutritional Quality in Oat. Methods in Molecular Biology, 2017, 1536, 115-125.	0.9	3
16	Efficient Breeding by Genomic Mating. Frontiers in Genetics, 2016, 7, 210.	2.3	68
17	Training set optimization under population structure in genomic selection. Theoretical and Applied Genetics, 2015, 128, 145-158.	3.6	284
18	Optimization of genomic selection training populations with a genetic algorithm. Genetics Selection Evolution, 2015, 47, 38.	3.0	123

#	Article	IF	Citations
19	Quantitative genetic analysis and mapping of leaf angle in durum wheat. Planta, 2012, 236, 1713-1723.	3.2	32
20	Brassinosteroid leaf unrolling QTL mapping in durum wheat. Planta, 2012, 236, 273-281.	3.2	5
21	Changes in duration of developmental phases of durum wheat caused by breeding in Spain and Italy during the 20th century and its impact on yield. Annals of Botany, 2011, 107, 1355-1366.	2.9	72
22	Old and modern durum wheat varieties from Italy and Spain differ in main spike components. Field Crops Research, 2008, 106, 86-93.	5.1	51
23	Breeding Effects on Grain Filling, Biomass Partitioning, and Remobilization in Mediterranean Durum Wheat. Agronomy Journal, 2008, 100, 361-370.	1.8	69
24	Genetic changes in durum wheat yield components and associated traits in Italian and Spanish varieties during the 20th century. Euphytica, 2007, 155, 259-270.	1.2	142