Rodrigo R Amadeu

List of Publications by Year
in descending order

18 papers	640 citations	623188 14 h-index	839053 18 g-index
24 all docs	24 docs citations	24 times ranked	536 citing authors

#	Article	IF	Citations
1	AGHmatrix: R Package to Construct Relationship Matrices for Autotetraploid and Diploid Species: A Blueberry Example. Plant Genome, 2016, 9, plantgenome2016.01.0009.	1.6	158
2	How can a high-quality genome assembly help plant breeders?. GigaScience, 2019, 8, .	3.3	67
3	Genomic Prediction of Autotetraploids; Influence of Relationship Matrices, Allele Dosage, and Continuous Genotyping Calls in Phenotype Prediction. G3: Genes, Genomes, Genetics, 2019, 9, 1189-1198.	0.8	60
4	Genomic Selection with Allele Dosage in *Panicum maximum* Jacq.. G3: Genes, Genomes, Genetics, 2019, 9, 2463-2475.	0.8	57
5	Signatures of selection for resistance to Haemonchus contortus in sheep and goats. BMC Genomics, 2019, 20, 735.	1.2	30
6	Estimation of genetic parameters and prediction of breeding values in an autotetraploid blueberry breeding population with extensive pedigree data. Euphytica, 2018, 214, 1.	0.6	28
7	Impact of dominance effects on autotetraploid genomic prediction. Crop Science, 2020, 60, 656-665.	0.8	28
8	High-Resolution Genetic Map and QTL Analysis of Growth-Related Traits of Hevea brasiliensis Cultivated Under Suboptimal Temperature and Humidity Conditions. Frontiers in Plant Science, 2018, 9, 1255.	1.7	27
9	Genomic Selection in an Outcrossing Autotetraploid Fruit Crop: Lessons From Blueberry Breeding. Frontiers in Plant Science, 2021, 12, 676326.	1.7	26
10	Haplotype reconstruction in connected tetraploid F1 populations. Genetics, 2021, 219, .	1.2	26
11	Optimizing whole-genomic prediction for autotetraploid blueberry breeding. Heredity, 2020, 125, 437-448.	1.2	24
12	Metabolite Profiles of Sugarcane Culm Reveal the Relationship Among Metabolism and Axillary Bud Outgrowth in Genetically Related Sugarcane Commercial Cultivars. Frontiers in Plant Science, 2018, 9, 857.	1.7	21
13	High-Resolution Linkage Map and QTL Analyses of Fruit Firmness in Autotetraploid Blueberry. Frontiers in Plant Science, 2020, 11, 562171.	1.7	19
14	Terpene volatiles mediates the chemical basis of blueberry aroma and consumer acceptability. Food Research International, 2022, 158, 111468.	2.9	18
15	QTL mapping in outbred tetraploid (and diploid) diallel populations. Genetics, 2021, 219, .	1.2	15
16	Genomic prediction applied to multiple traits and environments in second season maize hybrids. Heredity, 2020, 125, 60-72.	1.2	12
17	Estimation of Molecular Pairwise Relatedness in Autopolyploid Crops. G3: Genes, Genomes, Genetics, 2020, 10, 4579-4589.	0.8	11
18	Construction of a High-Density Genetic Map of Acca sellowiana (Berg.) Burret, an Outcrossing Species, Based on Two Connected Mapping Populations. Frontiers in Plant Science, 2021, 12, 626811.	1.7	3