AndrÃ©s J CortÃ©s

List of Publications by Year
in descending order

45 papers	3,418 citations	172207 29 h-index	276539 41 g-index
47 all docs	47 docs citations	47 times ranked	2277 citing authors

#	Article	IF	Citations
1	Genetic differentiation of grain, fodder and pod vegetable type cowpeas (Vigna unguiculata L.) identified through single nucleotide polymorphisms from genotyping-by-sequencing. Molecular Horticulture, 2022, 2, .	2.3	5
2	Evolutionary Genetics of Crop-Wild Complexes. Genes, 2022, 13, 1.	1.0	13
3	Whole Transcriptome Sequencing Unveils the Genomic Determinants of Putative Somaclonal Variation in Mint (Mentha L.). International Journal of Molecular Sciences, 2022, 23, 5291.	1.8	10
4	Inheritance of Yield Components and Morphological Traits in Avocado cv. Hass From â€œCriolloâ€•â€œElite Treesâ€•via Half-Sib Seedling Rootstocks. Frontiers in Plant Science, 2022, 13, .	1.7	12
5	Evaluating the accuracy of genomic prediction for the management and conservation of relictual natural tree populations. Tree Genetics and Genomes, 2021, 17, 1.	0.6	32
6	Allelic Diversity at Abiotic Stress Responsive Genes in Relationship to Ecological Drought Indices for Cultivated Tepary Bean, Phaseolus acutifolius A. Gray, and Its Wild Relatives. Genes, 2021, 12, 556.	1.0	38
7	Harnessing Crop Wild Diversity for Climate Change Adaptation. Genes, 2021, 12, 783.	1.0	73
8	Multi-Environment Yield Components in Advanced Common Bean (Phaseolus vulgaris L.) Ã— Tepary Bean (P. acutifolius A. Gray) Interspecific Lines for Heat and Drought Tolerance. Agronomy, 2021, 11, 1978.	1.3	35
9	Integrative Pre-Breeding for Biotic Resistance in Forest Trees. Plants, 2021, 10, 2022.	1.6	16
10	Rootstock-Mediated Genetic Variance in Cadmium Uptake by Juvenile Cacao (Theobroma cacao L.) Genotypes, and Its Effect on Growth and Physiology. Frontiers in Plant Science, 2021, 12, 777842.	1.7	23
11	Climate Vulnerability Assessment of the Espeletia Complex on PÃ¡ramo Sky Islands in the Northern Andes. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	48
12	Predicting Thermal Adaptation by Looking Into Populationsâ€™ Genomic Past. Frontiers in Genetics, 2020, 11, 564515.	1.1	79
13	Modern Strategies to Assess and Breed Forest Tree Adaptation to Changing Climate. Frontiers in Plant Science, 2020, 11, 583323.	1.7	95
14	Genome-Wide SNP Identification and Association Mapping for Seed Mineral Concentration in Mung Bean (Vigna radiata L.). Frontiers in Genetics, 2020, 11, 656.	1.1	77
15	Inheritance of Rootstock Effects in Avocado (Persea americana Mill.) cv. Hass. Frontiers in Plant Science, 2020, 11, 555071.	1.7	21
16	Bean Genome Diversity Reveals the Genomic Consequences of Speciation, Adaptation, and Domestication. , 2019, , .		0
17	Last-Generation Genomeâ€"Environment Associations Reveal the Genetic Basis of Heat Tolerance in Common Bean (Phaseolus vulgaris L.). Frontiers in Genetics, 2019, 10, 954.	1.1	73
18	On how role versatility boosts an STI. Journal of Theoretical Biology, 2018, 440, 66-69.	0.8	22

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19	Lessons from Common Bean on How Wild Relatives and Landraces Can Make Tropical Crops More Resistant to Climate Change. , 2018, , .		10
20	Naturally Available Genetic Adaptation in Common Bean and Its Response to Climate Change. , 2018, , .		9
21	Does the Genomic Landscape of Species Divergence in Phaseolus Beans Coerce Parallel Signatures of Adaptation and Domestication?. Frontiers in Plant Science, 2018, 9, 1816.	1.7	56
22	On the Causes of Rapid Diversification in the PÃ¡ramos: Isolation by Ecology and Genomic Divergence in Espeletia. Frontiers in Plant Science, 2018, 9, 1700.	1.7	58
23	Genotyping by Sequencing and Genomeâ€“Environment Associations in Wild Common Bean Predict Widespread Divergent Adaptation to Drought. Frontiers in Plant Science, 2018, 9, 128.	1.7	129
24	Uneven recombination rate and linkage disequilibrium across a reference SNP map for common bean (Phaseolus vulgaris L.). PLoS ONE, 2018, 13, e0189597.	1.1	108
25	Prevalence in MSM Is Enhanced by Role Versatility. Advances in Healthcare Information Systems and Administration Book Series, 2018, , 140-148.	0.2	4
26	Evolutionary potential in the Alpine: trait heritabilities and performance variation of the dwarf willow <i>Salix herbacea</i> from different elevations and microhabitats. Ecology and Evolution, 2016, 6, 3940-3952.	0.8	98
27	The snow and the willows: earlier spring snowmelt reduces performance in the lowâ€lying alpine shrub <i>Salix herbacea</i>. Journal of Ecology, 2016, 104, 1041-1050.	1.9	110
28	Small-scale drivers: the importance of nutrient availability and snowmelt timing on performance of the alpine shrub Salix herbacea. Oecologia, 2016, 180, 1015-1024.	0.9	92
29	Identification of an ERECTA gene and its drought adaptation associations with wild and cultivated common bean. Plant Science, 2016, 242, 250-259.	1.7	122
30	With a little help from my friends: Community facilitation increases performance in the dwarf shrub Salix herbacea. Basic and Applied Ecology, 2015, 16, 202-209.	1.2	59
31	The Response of the Alpine Dwarf Shrub Salix herbacea to Altered Snowmelt Timing: Lessons from a Multi-Site Transplant Experiment. PLoS ONE, 2015, 10, e0122395.	1.1	101
32	Increased spring freezing vulnerability for alpine shrubs under early snowmelt. Oecologia, 2014, 175, 219-229.	0.9	139
33	Small-scale patterns in snowmelt timing affect gene flow and the distribution of genetic diversity in the alpine dwarf shrub Salix herbacea. Heredity, 2014, 113, 233-239.	1.2	101
34	What role do plantâ€“soil interactions play in the habitat suitability and potential range expansion of the alpine dwarf shrub Salix herbacea?. Basic and Applied Ecology, 2014, 15, 305-315.	1.2	95
35	A high-throughput SNP marker system for parental polymorphism screening, and diversity analysis in common bean (Phaseolus vulgaris L.). Theoretical and Applied Genetics, 2013, 126, 535-548.	1.8	139
36	PÃ¡ramo is the world's fastest evolving and coolest biodiversity hotspot. Frontiers in Genetics, 2013, 4, 192.	1.1	341

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37	Drought Tolerance in Wild Plant Populations: The Case of Common Beans (Phaseolus vulgaris L.). PLoS ONE, 2013, 8, e62898.	1.1	137
38	On the Origin of the Common Bean (<i>Phaseolus vulgaris</i> L.). American Journal of Plant Sciences, 2013, 04, 1998-2000.	0.3	38
39	Diversification and Population Structure in Common Beans (Phaseolus vulgaris L.). PLoS ONE, 2012, 7, e49488.	1.1	139
40	Nucleotide diversity patterns at the drought-related DREB2 encoding genes in wild and cultivated common bean (Phaseolus vulgaris L.). Theoretical and Applied Genetics, 2012, 125, 1069-1085.	1.8	114
41	SNP discovery, gene diversity, and linkage disequilibrium in wild populations of Populus tremuloides. Tree Genetics and Genomes, 2012, 8, 821-829.	0.6	86
42	Gene-Based Single Nucleotide Polymorphism Markers for Genetic and Association Mapping in Common Bean. BMC Genetics, 2012, 13, 48.	2.7	143
43	Molecular ecology and selection in the drought-related Asr gene polymorphisms in wild and cultivated common bean (Phaseolus vulgaris L.). BMC Genetics, 2012, 13, 58.	2.7	100
44	SNP marker diversity in common bean (Phaseolus vulgaris L.). Theoretical and Applied Genetics, 2011, 123, 827-845.	1.8	182
45	Local Scale Genetic Diversity and its Role in Coping with Changing Climate. , 0, , .		14