

Andrés J Cortés

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

3,418
citations

172386

29
h-index

276775

41
g-index

47
all docs

47
docs citations

47
times ranked

2277
citing authors

#	ARTICLE	IF	CITATIONS
1	Páramo is the world's fastest evolving and coolest biodiversity hotspot. <i>Frontiers in Genetics</i> , 2013, 4, 192.	1.1	341
2	SNP marker diversity in common bean (<i>Phaseolus vulgaris</i> L.). <i>Theoretical and Applied Genetics</i> , 2011, 123, 827-845.	1.8	182
3	Gene-Based Single Nucleotide Polymorphism Markers for Genetic and Association Mapping in Common Bean. <i>BMC Genetics</i> , 2012, 13, 48.	2.7	143
4	Diversification and Population Structure in Common Beans (<i>Phaseolus vulgaris</i> L.). <i>PLoS ONE</i> , 2012, 7, e49488.	1.1	139
5	A high-throughput SNP marker system for parental polymorphism screening, and diversity analysis in common bean (<i>Phaseolus vulgaris</i> L.). <i>Theoretical and Applied Genetics</i> , 2013, 126, 535-548.	1.8	139
6	Increased spring freezing vulnerability for alpine shrubs under early snowmelt. <i>Oecologia</i> , 2014, 175, 219-229.	0.9	139
7	Drought Tolerance in Wild Plant Populations: The Case of Common Beans (<i>Phaseolus vulgaris</i> L.). <i>PLoS ONE</i> , 2013, 8, e62898.	1.1	137
8	Genotyping by Sequencing and Genome-Environment Associations in Wild Common Bean Predict Widespread Divergent Adaptation to Drought. <i>Frontiers in Plant Science</i> , 2018, 9, 128.	1.7	129
9	Identification of an ERECTA gene and its drought adaptation associations with wild and cultivated common bean. <i>Plant Science</i> , 2016, 242, 250-259.	1.7	122
10	Nucleotide diversity patterns at the drought-related DREB2 encoding genes in wild and cultivated common bean (<i>Phaseolus vulgaris</i> L.). <i>Theoretical and Applied Genetics</i> , 2012, 125, 1069-1085.	1.8	114
11	The snow and the willows: earlier spring snowmelt reduces performance in the low-flying alpine shrub <i>Salix herbacea</i> . <i>Journal of Ecology</i> , 2016, 104, 1041-1050.	1.9	110
12	Uneven recombination rate and linkage disequilibrium across a reference SNP map for common bean (<i>Phaseolus vulgaris</i> L.). <i>PLoS ONE</i> , 2018, 13, e0189597.	1.1	108
13	Small-scale patterns in snowmelt timing affect gene flow and the distribution of genetic diversity in the alpine dwarf shrub <i>Salix herbacea</i> . <i>Heredity</i> , 2014, 113, 233-239.	1.2	101
14	The Response of the Alpine Dwarf Shrub <i>Salix herbacea</i> to Altered Snowmelt Timing: Lessons from a Multi-Site Transplant Experiment. <i>PLoS ONE</i> , 2015, 10, e0122395.	1.1	101
15	Molecular ecology and selection in the drought-related <i>Asr</i> gene polymorphisms in wild and cultivated common bean (<i>Phaseolus vulgaris</i> L.). <i>BMC Genetics</i> , 2012, 13, 58.	2.7	100
16	Evolutionary potential in the Alpine: trait heritabilities and performance variation of the dwarf willow <i>Salix herbacea</i> from different elevations and microhabitats. <i>Ecology and Evolution</i> , 2016, 6, 3940-3952.	0.8	98
17	What role do plant-soil interactions play in the habitat suitability and potential range expansion of the alpine dwarf shrub <i>Salix herbacea</i> ?. <i>Basic and Applied Ecology</i> , 2014, 15, 305-315.	1.2	95
18	Modern Strategies to Assess and Breed Forest Tree Adaptation to Changing Climate. <i>Frontiers in Plant Science</i> , 2020, 11, 583323.	1.7	95

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19	Small-scale drivers: the importance of nutrient availability and snowmelt timing on performance of the alpine shrub <i>Salix herbacea</i> . <i>Oecologia</i> , 2016, 180, 1015-1024.	0.9	92
20	SNP discovery, gene diversity, and linkage disequilibrium in wild populations of <i>Populus tremuloides</i> . <i>Tree Genetics and Genomes</i> , 2012, 8, 821-829.	0.6	86
21	Predicting Thermal Adaptation by Looking Into Populations' Genomic Past. <i>Frontiers in Genetics</i> , 2020, 11, 564515.	1.1	79
22	Genome-Wide SNP Identification and Association Mapping for Seed Mineral Concentration in Mung Bean (<i>Vigna radiata</i> L.). <i>Frontiers in Genetics</i> , 2020, 11, 656.	1.1	77
23	Last-Generation Genome-Environment Associations Reveal the Genetic Basis of Heat Tolerance in Common Bean (<i>Phaseolus vulgaris</i> L.). <i>Frontiers in Genetics</i> , 2019, 10, 954.	1.1	73
24	Harnessing Crop Wild Diversity for Climate Change Adaptation. <i>Genes</i> , 2021, 12, 783.	1.0	73
25	With a little help from my friends: Community facilitation increases performance in the dwarf shrub <i>Salix herbacea</i> . <i>Basic and Applied Ecology</i> , 2015, 16, 202-209.	1.2	59
26	On the Causes of Rapid Diversification in the Páramos: Isolation by Ecology and Genomic Divergence in <i>Espeletia</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 1700.	1.7	58
27	Does the Genomic Landscape of Species Divergence in <i>Phaseolus</i> Beans Coerce Parallel Signatures of Adaptation and Domestication?. <i>Frontiers in Plant Science</i> , 2018, 9, 1816.	1.7	56
28	Climate Vulnerability Assessment of the <i>Espeletia</i> Complex on Páramo Sky Islands in the Northern Andes. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	48
29	Allelic Diversity at Abiotic Stress Responsive Genes in Relationship to Ecological Drought Indices for Cultivated Tepary Bean, <i>Phaseolus acutifolius</i> A. Gray, and Its Wild Relatives. <i>Genes</i> , 2021, 12, 556.	1.0	38
30	On the Origin of the Common Bean (<i>Phaseolus vulgaris</i> L.). <i>American Journal of Plant Sciences</i> , 2013, 04, 1998-2000.	0.3	38
31	Multi-Environment Yield Components in Advanced Common Bean (<i>Phaseolus vulgaris</i> L.) – Tepary Bean (<i>P. acutifolius</i> A. Gray) Interspecific Lines for Heat and Drought Tolerance. <i>Agronomy</i> , 2021, 11, 1978.	1.3	35
32	Evaluating the accuracy of genomic prediction for the management and conservation of relictual natural tree populations. <i>Tree Genetics and Genomes</i> , 2021, 17, 1.	0.6	32
33	Rootstock-Mediated Genetic Variance in Cadmium Uptake by Juvenile Cacao (<i>Theobroma cacao</i> L.) Genotypes, and Its Effect on Growth and Physiology. <i>Frontiers in Plant Science</i> , 2021, 12, 777842.	1.7	23
34	On how role versatility boosts an STI. <i>Journal of Theoretical Biology</i> , 2018, 440, 66-69.	0.8	22
35	Inheritance of Rootstock Effects in Avocado (<i>Persea americana</i> Mill.) cv. Hass. <i>Frontiers in Plant Science</i> , 2020, 11, 555071.	1.7	21
36	Integrative Pre-Breeding for Biotic Resistance in Forest Trees. <i>Plants</i> , 2021, 10, 2022.	1.6	16

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37	Local Scale Genetic Diversity and its Role in Coping with Changing Climate. , 0, , .		14
38	Evolutionary Genetics of Crop-Wild Complexes. <i>Genes</i> , 2022, 13, 1.	1.0	13
39	Inheritance of Yield Components and Morphological Traits in Avocado cv. Hass From "Criollo" Elite Trees via Half-Sib Seedling Rootstocks. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	12
40	Lessons from Common Bean on How Wild Relatives and Landraces Can Make Tropical Crops More Resistant to Climate Change. , 2018, , .		10
41	Whole Transcriptome Sequencing Unveils the Genomic Determinants of Putative Somaclonal Variation in Mint (<i>Mentha L.</i>). <i>International Journal of Molecular Sciences</i> , 2022, 23, 5291.	1.8	10
42	Naturally Available Genetic Adaptation in Common Bean and Its Response to Climate Change. , 2018, , .		9
43	Genetic differentiation of grain, fodder and pod vegetable type cowpeas (<i>Vigna unguiculata L.</i>) identified through single nucleotide polymorphisms from genotyping-by-sequencing. <i>Molecular Horticulture</i> , 2022, 2, .	2.3	5
44	Prevalence in MSM Is Enhanced by Role Versatility. <i>Advances in Healthcare Information Systems and Administration Book Series</i> , 2018, , 140-148.	0.2	4
45	Bean Genome Diversity Reveals the Genomic Consequences of Speciation, Adaptation, and Domestication. , 2019, , .		0