Ricardo AarÃ³n ChÃ¡vez Montes

List of Publications by Year
in descending order

20 papers	1,178 citations	516710 16 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	2008 citing authors

#	Article	IF	Citations
1	Sample sequencing of vascular plants demonstrates widespread conservation and divergence of microRNAs. Nature Communications, 2014, 5, 3722.	12.8	224
2	Phosphorus acquisition efficiency in arbuscular mycorrhizal maize is correlated with the abundance of rootâ€external hyphae and the accumulation of transcripts encoding PHT1 phosphate transporters. New Phytologist, 2017, 214, 632-643.	7.3	210
3	Inside the gynoecium: at the carpel margin. Trends in Plant Science, 2013, 18, 644-655.	8.8	124
4	The bHLH transcription factor SPATULA enables cytokinin signaling, and both activate auxin biosynthesis and transport genes at the medial domain of the gynoecium. PLoS Genetics, 2017, 13, e1006726.	3.5	98
5	Cytochrome P450CYP78A9Is Involved in Arabidopsis Reproductive Development Â Â. Plant Physiology, 2013, 162, 779-799.	4.8	82
6	Cell Wall Modifications in Arabidopsis Plants with Altered Î±-<scp>l</scp>-Arabinofuranosidase Activity Â. Plant Physiology, 2008, 147, 63-77.	4.8	63
7	The maize (Zea mays ssp. mays var. B73) genome encodes 33 members of the purple acid phosphatase family. Frontiers in Plant Science, 2015, 6, 341.	3.6	51
8	Entering the Next Dimension: Plant Genomes in 3D. Trends in Plant Science, 2018, 23, 598-612.	8.8	44
9	Altered expression of the bZIP transcription factor DRINK ME affects growth and reproductive development in Arabidopsis thaliana. Plant Journal, 2016, 88, 437-451.	5.7	40
10	The plant MBF1 protein family: a bridge between stress and transcription. Journal of Experimental Botany, 2020, 71, 1782-1791.	4.8	37
11	ARACNe-based inference, using curated microarray data, of Arabidopsis thaliana root transcriptional regulatory networks. BMC Plant Biology, 2014, 14, 97.	3.6	35
12	Towards a comprehensive and dynamic gynoecium gene regulatory network. Current Plant Biology, 2015, 3-4, 3-12.	4.7	34
13	Defective cytokinin signaling reprograms lipid and flavonoid gene-to-metabolite networks to mitigate high salinity in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	34
14	Selection of Reference Genes for Quantitative Real-Time RT-PCR Studies in Tomato Fruit of the Genotype MT-Rg1. Frontiers in Plant Science, 2016, 7, 1386.	3.6	32
15	Allele specific expression analysis identifies regulatory variation associated with stress-related genes in the Mexican highland maize landrace Palomero ToluqueÃ±o. PeerJ, 2017, 5, e3737.	2.0	32
16	New roles of NO TRANSMITTING TRACT and SEEDSTICK during medial domain development in Arabidopsis fruits. Development (Cambridge), 2019, 146, .	2.5	22
17	A comparative genomics examination of desiccation tolerance and sensitivity in two sister grass species. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	8
18	Laser-Assisted Microdissection to Study Global Transcriptional Changes During Plant Embryogenesis. , 2016, , 495-506.		3

#	Article	IF	Citations
19	Effects of the Developmental Regulator BOLITA on the Plant Metabolome. Genes, 2021, 12, 995.	2.4	3
20	Identification of genuine and novel miRNAs in Amaranthus hypochondriacus from high-throughput sequencing data. Genomics, 2021, 113, 88-103.	2.9	2