

# Ricardo AarÃ³n ChÃ¡vez Montes

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A comparative genomics examination of desiccation tolerance and sensitivity in two sister grass species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	8
2	Identification of genuine and novel miRNAs in <i>Amaranthus hypochondriacus</i> from high-throughput sequencing data. <i>Genomics</i> , 2021, 113, 88-103.	2.9	2
3	Effects of the Developmental Regulator BOLITA on the Plant Metabolome. <i>Genes</i> , 2021, 12, 995.	2.4	3
4	Defective cytokinin signaling reprograms lipid and flavonoid gene-to-metabolite networks to mitigate high salinity in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	34
5	The plant MBF1 protein family: a bridge between stress and transcription. <i>Journal of Experimental Botany</i> , 2020, 71, 1782-1791.	4.8	37
6	New roles of NO TRANSMITTING TRACT and SEEDSTICK during medial domain development in <i>Arabidopsis</i> fruits. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	22
7	Entering the Next Dimension: Plant Genomes in 3D. <i>Trends in Plant Science</i> , 2018, 23, 598-612.	8.8	44
8	Phosphorus acquisition efficiency in arbuscular mycorrhizal maize is correlated with the abundance of root-external hyphae and the accumulation of transcripts encoding PHT1 phosphate transporters. <i>New Phytologist</i> , 2017, 214, 632-643.	7.3	210
9	The bHLH transcription factor SPATULA enables cytokinin signaling, and both activate auxin biosynthesis and transport genes at the medial domain of the gynoecium. <i>PLoS Genetics</i> , 2017, 13, e1006726.	3.5	98
10	Allele specific expression analysis identifies regulatory variation associated with stress-related genes in the Mexican highland maize landrace Palomero Toluqueño. <i>PeerJ</i> , 2017, 5, e3737.	2.0	32
11	Selection of Reference Genes for Quantitative Real-Time RT-PCR Studies in Tomato Fruit of the Genotype MT-Rg1. <i>Frontiers in Plant Science</i> , 2016, 7, 1386.	3.6	32
12	Altered expression of the bZIP transcription factor DRINK ME affects growth and reproductive development in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2016, 88, 437-451.	5.7	40
13	Laser-Assisted Microdissection to Study Global Transcriptional Changes During Plant Embryogenesis. , 2016, , 495-506.		3
14	The maize ( <i>Zea mays</i> ssp. <i>mays</i> var. B73) genome encodes 33 members of the purple acid phosphatase family. <i>Frontiers in Plant Science</i> , 2015, 6, 341.	3.6	51
15	Towards a comprehensive and dynamic gynoecium gene regulatory network. <i>Current Plant Biology</i> , 2015, 3-4, 3-12.	4.7	34
16	Sample sequencing of vascular plants demonstrates widespread conservation and divergence of microRNAs. <i>Nature Communications</i> , 2014, 5, 3722.	12.8	224
17	ARACNe-based inference, using curated microarray data, of <i>Arabidopsis thaliana</i> root transcriptional regulatory networks. <i>BMC Plant Biology</i> , 2014, 14, 97.	3.6	35
18	Inside the gynoecium: at the carpel margin. <i>Trends in Plant Science</i> , 2013, 18, 644-655.	8.8	124

#	ARTICLE	IF	CITATIONS
19	Cytochrome P450<i>CYP78A9</i> Is Involved in Arabidopsis Reproductive Development Â Â. Plant Physiology, 2013, 162, 779-799.	4.8	82
20	Cell Wall Modifications in Arabidopsis Plants with Altered <i>Î±</i>-Arabinofuranosidase Activity Â. Plant Physiology, 2008, 147, 63-77.	4.8	63