Rosa Figueroa-Balderas

List of Publications by Year
in descending order

25 papers	3,051 citations	471371 17 h-index	580701 25 g-index
37 all docs	37 docs citations	37 times ranked	5892 citing authors

#	Article	IF	Citations
1	Phased diploid genome assembly with single-molecule real-time sequencing. Nature Methods, 2016, 13, 1050-1054.	9.0	1,658
2	Uniform ripening Encodes a Golden 2-like Transcription Factor Regulating Tomato Fruit Chloroplast Development. Science, 2012, 336, 1711-1715.	6.0	384
3	The genetic basis of sex determination in grapes. Nature Communications, 2020, 11, 2902.	5.8	118
4	Red blotch disease alters grape berry development and metabolism by interfering with the transcriptional and hormonal regulation of ripening. Journal of Experimental Botany, 2017, 68, 1225-1238.	2.4	92
5	Lipopolysaccharide O-antigen delays plant innate immune recognition of Xylella fastidiosa. Nature Communications, 2018, 9, 390.	5.8	91
6	Diploid Genome Assembly of the Wine Grape CarmÃ©nÃ¨re. G3: Genes, Genomes, Genetics, 2019, 9, 1331-1337.	0.8	84
7	Iso-Seq Allows Genome-Independent Transcriptome Profiling of Grape Berry Development. G3: Genes, Genomes, Genetics, 2019, 9, 755-767.	0.8	79
8	The genomic diversification of grapevine clones. BMC Genomics, 2019, 20, 972.	1.2	66
9	Conditionâ€dependent coâ€regulation of genomic clusters of virulence factors in the grapevine trunk pathogen Neofusicoccum parvum. Molecular Plant Pathology, 2018, 19, 21-34.	2.0	55
10	Comparative transcriptomics of Central Asian Vitis vinifera accessions reveals distinct defense strategies against powdery mildew. Horticulture Research, 2015, 2, 15037.	2.9	47
11	Neofusicoccum parvum Colonization of the Grapevine Woody Stem Triggers Asynchronous Host Responses at the Site of Infection and in the Leaves. Frontiers in Plant Science, 2017, 8, 1117.	1.7	37
12	Hormonal and Stress Induction of the Gene Encoding Common Bean Acetyl-Coenzyme A Carboxylase. Plant Physiology, 2006, 142, 609-619.	2.3	36
13	Closedâ€reference metatranscriptomics enables inÂplanta profiling of putative virulence activities in the grapevine trunk disease complex. Molecular Plant Pathology, 2018, 19, 490-503.	2.0	36
14	Diploid chromosome-scale assembly of theMuscadinia rotundifoliagenome supports chromosome fusion and disease resistance gene expansion duringVitisandMuscadiniadivergence. G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	35
15	Wounding and pathogen infection induce a chloroplast-targeted lipoxygenase in the common bean (Phaseolus vulgaris L.). Planta, 2007, 227, 363-373.	1.6	32
16	An intellectual property sharing initiative in agricultural biotechnology: development of broadly accessible technologies for plant transformation. Plant Biotechnology Journal, 2012, 10, 501-510.	4.1	32
17	Whole-Genome Resequencing and Pan-Transcriptome Reconstruction Highlight the Impact of Genomic Structural Variation on Secondary Metabolite Gene Clusters in the Grapevine Esca Pathogen Phaeoacremonium minimum. Frontiers in Microbiology, 2018, 9, 1784.	1.5	28
18	Profiling grapevine trunk pathogens in planta: a case for community-targeted DNA metabarcoding. BMC Microbiology, 2018, 18, 214.	1.3	23

#	Article	IF	Citations
19	Independent Whole-Genome Duplications Define the Architecture of the Genomes of the Devastating West African Cacao Black Pod PathogenPhytophthora megakaryaand Its Close RelativePhytophthora palmivora. G3: Genes, Genomes, Genetics, 2020, 10, 2241-2255.	0.8	18
20	Rootstock influences the effect of grapevine leafrollâ€associated viruses on berry development and metabolism via abscisic acid signalling. Molecular Plant Pathology, 2021, 22, 984-1005.	2.0	16
21	Strategies for Sequencing and Assembling Grapevine Genomes. Compendium of Plant Genomes, 2019, , 77-88.	0.3	14
22	Fungal and bacterial communities of â€˜Pinot noirâ€™ must: effects of vintage, growing region, climate, and basic must chemistry. PeerJ, 2021, 9, e10836.	0.9	12
23	Regulation of monocot and dicot plant development with constitutively active alleles of phytochrome B. Plant Direct, 2020, 4, e00210.	0.8	7
24	Haplotype-resolved powdery mildew resistance loci reveal the impact of heterozygous structural variation on NLR genes inMuscadinia rotundifolia. G3: Genes, Genomes, Genetics, 2022, 12, .	0.8	7
25	Glutathione S-transferase: a candidate gene for berry color in muscadine grapes (Vitis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.8	5