Felipe Aquea

List of Publications by Year
in descending order

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27	1,172	567281 15	552781 26
papers	citations	h-index	g-index

28	28	28	1955
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis of the grape MYB R2R3 subfamily reveals expanded wine quality-related clades and conserved gene structure organization across Vitis and Arabidopsis genomes. BMC Plant Biology, 2008, 8, 83.	3.6	346
2	The photomorphogenic factors UV-B RECEPTOR 1, ELONGATED HYPOCOTYL 5, and HY5 HOMOLOGUE are part of the UV-B signalling pathway in grapevine and mediate flavonol accumulation in response to the environment. Journal of Experimental Botany, 2016, 67, 5429-5445.	4.8	100
3	A molecular framework for the inhibition of Arabidopsis root growth in response to boron toxicity. Plant, Cell and Environment, 2012, 35, 719-734.	5.7	97
4	Molecular and physiological strategies to increase aluminum resistance in plants. Molecular Biology Reports, 2012, 39, 2069-2079.	2.3	87
5	Analysis of histone acetyltransferase and deacetylase families of Vitis vinifera. Plant Physiology and Biochemistry, 2010, 48, 194-199.	5.8	59
6	Composition of the SAGA complex in plants and its role in controlling gene expression in response to abiotic stresses. Frontiers in Plant Science, 2015, 6, 865.	3.6	53
7	Genome-wide analysis of the SET DOMAIN GROUP family in Grapevine. Plant Cell Reports, 2011, 30, 1087-1097.	5.6	50
8	Biochemical and molecular changes in response to aluminium-stress in highbush blueberry (Vaccinium) Tj ETQq0 0 0 rgBT /Overlock 10 T	5.8	48
9	Inspection of the Grapevine BURP Superfamily Highlights an Expansion of RD22 Genes with Distinctive Expression Features in Berry Development and ABA-Mediated Stress Responses. PLoS ONE, 2014, 9, e110372.	2.5	42
10	Functional characterization of Citrus macrophylla <scp>BOR1</scp> as a boron transporter. Physiologia Plantarum, 2013, 149, 329-339.	5.2	41
11	Identification of genes expressed during early somatic embryogenesis in Pinus radiata. Plant Physiology and Biochemistry, 2008, 46, 559-568.	5.8	40
12	Stable transformation of Pinus radiata embryogenic tissue by Agrobacterium tumefaciens. Plant Cell, Tissue and Organ Culture, 2002, 70, 251-257.	2.3	31
13	Improved Salinity Tolerance in Carrizo Citrange Rootstock through Overexpression of Glyoxalase System Genes. BioMed Research International, 2015, 2015, 1-7.	1.9	24
14	Identification of Aluminum-Regulated Genes by cDNA-AFLP Analysis of Roots in Two Contrasting Genotypes of Highbush Blueberry (Vaccinium corymbosum L.). Molecular Biotechnology, 2011, 49, 32-41.	2.4	22
15	Synthetic seed production from somatic embryos of Pinus radiata. Biotechnology Letters, 2008, 30, 1847-1852.	2.2	21
16	Chemical inhibition of the histone acetyltransferase activity in Arabidopsis thaliana. Biochemical and Biophysical Research Communications, 2017, 483, 664-668.	2.1	18
17	Stomata regulation by tissue-specific expression of the Citrus sinensis MYB61 transcription factor improves water-use efficiency in Arabidopsis. Plant Physiology and Biochemistry, 2018, 130, 54-60.	5.8	15
18	Molecular characterisation of a calmodulin gene, VcCaM1, that is differentially expressed under aluminium stress in highbush blueberry. Plant Biology, 2013, 15, 1013-1018.	3.8	13

#	Article	IF	Citations
19	Increased Drought and Salinity Tolerance in Citrus aurantifolia (Mexican Lemon) Plants Overexpressing Arabidopsis CBF3 Gene. Journal of Soil Science and Plant Nutrition, 2020, 20, 244-252.	3.4	13
20	TRAUCO, a Trithorax-group gene homologue, is required for early embryogenesis in Arabidopsis thaliana. Journal of Experimental Botany, 2010, 61, 1215-1224.	4.8	12
21	A novel Otubain-like cysteine protease gene is preferentially expressed during somatic embryogenesis in Pinus radiata. Molecular Biology Reports, 2008, 35, 567-573.	2.3	10
22	Mapping aluminum tolerance loci in cereals: A tool available for crop breeding. Electronic Journal of Biotechnology, 2010, 13, .	2.2	8
23	Molecular characterization of a Trithorax-group homologue gene from Pinus radiata. Plant Cell Reports, 2009, 28, 1531-1538.	5.6	5
24	Methylboronic acid fertilization alleviates boron deficiency symptoms in Arabidopsis thaliana. Planta, 2018, 248, 221-229.	3.2	5
25	Isolation and molecular characterization of MYB60 in Solanum lycopersicum. Molecular Biology Reports, 2021, 48, 1579-1587.	2.3	5
26	Effect of alerce (Fitzroya cupressoides) cell culture extract on wound healing repair in a human keratinocyte cell line. Journal of Cosmetic Dermatology, 2020, 19, 1254-1259.	1.6	4
27	Genetic Engineering and Molecular Strategies for Nutrient Manipulation in Plants. , 2017, , 405-441.		2