Jose Gadea-Vacas

List of Publications by Year
in descending order

46 papers	1,723 citations	304368 22 h-index	301761 39 g-index
48 all docs	48 docs citations	48 times ranked	2387 citing authors

#	Article	IF	Citations
1	Global Analysis of Gene Expression During Development and Ripening of Citrus Fruit Flesh. A Proposed Mechanism for Citric Acid Utilization. Plant Molecular Biology, 2006, 62, 513-527.	2.0	162
2	Two PR-1 Genes from Tomato Are Differentially Regulated and Reveal a Novel Mode of Expression for a Pathogenesis-Related Gene During the Hypersensitive Response and Development. Molecular Plant-Microbe Interactions, 1997, 10, 624-634.	1.4	133
3	A Conserved Domain of the Arabidopsis GNOM Protein Mediates Subunit Interaction and Cyclophilin 5 Binding. Plant Cell, 2000, 12, 343-356.	3.1	128
4	Development of a citrus genome-wide EST collection and cDNA microarray as resources for genomic studies. Plant Molecular Biology, 2005, 57, 375-391.	2.0	104
5	Terpene Down-Regulation in Orange Reveals the Role of Fruit Aromas in Mediating Interactions with Insect Herbivores and Pathogens Â Â. Plant Physiology, 2011, 156, 793-802.	2.3	99
6	Transcriptional response of Citrus aurantifolia to infection by Citrus tristeza virus. Virology, 2007, 367, 298-306.	1.1	65
7	Genetic analysis of two Arabidopsis DNA polymerase epsilon subunits during early embryogenesis. Plant Journal, 2005, 44, 223-236.	2.8	63
8	The Short-Rooted Phenotype of the<i>brevis radix</i>Mutant Partly Reflects Root Abscisic Acid Hypersensitivity Â Â Â. Plant Physiology, 2009, 149, 1917-1928.	2.3	63
9	Terpene Down-Regulation Triggers Defense Responses in Transgenic Orange Leading to Resistance against Fungal Pathogens Â. Plant Physiology, 2014, 164, 321-339.	2.3	60
10	Characterization of Defense-Related Genes Ectopically Expressed in Viroid-Infected Tomato Plants. Molecular Plant-Microbe Interactions, 1996, 9, 409.	1.4	59
11	Shared and novel molecular responses of mandarin to drought. Plant Molecular Biology, 2009, 70, 403-420.	2.0	57
12	Transcriptomic profiling of citrus fruit peel tissues reveals fundamental effects of phenylpropanoids and ethylene on induced resistance. Molecular Plant Pathology, 2011, 12, 879-897.	2.0	56
13	Partial Activation of SA- and JA-Defensive Pathways in Strawberry upon Colletotrichum acutatum Interaction. Frontiers in Plant Science, 2016, 7, 1036.	1.7	55
14	Protein kinase GCN2 mediates responses to glyphosate in Arabidopsis. BMC Plant Biology, 2015, 15, 14.	1.6	54
15	A genome-wide 20 K citrus microarray for gene expression analysis. BMC Genomics, 2008, 9, 318.	1.2	49
16	Developmental regulation of a cytosolic ascorbate peroxidase gene from tomato plants. Molecular Genetics and Genomics, 1999, 262, 212-219.	2.4	47
17	Identification of novel seed longevity genes related to oxidative stress and seed coat by genomeâ€wide association studies and reverse genetics. Plant, Cell and Environment, 2020, 43, 2523-2539.	2.8	45
18	Gene expression analysis in citrus reveals the role of gibberellins on photosynthesis and stress. Plant, Cell and Environment, 2008, 31, 1620-1633.	2.8	41

#	Article	IF	Citations
19	Class prediction of closely related plant varieties using gene expression profiling. Journal of Experimental Botany, 2007, 58, 1927-1933.	2.4	40
20	The first zygotic division in Arabidopsis requires <i>de novo</i> transcription of thymidylate kinase. Plant Journal, 2008, 53, 776-789.	2.8	40
21	<i>PRX2</i> and <i>PRX25</i>, peroxidases regulated by COG1, are involved in seed longevity in Arabidopsis. Plant, Cell and Environment, 2020, 43, 315-326.	2.8	33
22	The monoterpene limonene in orange peels attracts pests and microorganisms. Plant Signaling and Behavior, 2011, 6, 1820-1823.	1.2	32
23	Gcn2p Regulates a G1/S Cell Cycle Checkpoint in Response to DNA Damage. Cell Cycle, 2007, 6, 2302-2305.	1.3	23
24	The position of the major QTL for Citrus tristeza virus resistance is conserved among Citrus grandis, C. aurantium and Poncirus trifoliata. Molecular Breeding, 2012, 29, 575-587.	1.0	22
25	Arabidopsis ILITHYIA protein is necessary for proper chloroplast biogenesis and root development independent of eIF2Î± phosphorylation. Journal of Plant Physiology, 2018, 224-225, 173-182.	1.6	22
26	Surface Barriers of Mandarin â€˜Okitsuâ€™ Leaves Make a Major Contribution to Canker Disease Resistance. Phytopathology, 2014, 104, 970-976.	1.1	21
27	Characterization of a Variant of <i>Xanthomonas citri</i> subsp. <i>citri</i> that Triggers a Host-Specific Defense Response. Phytopathology, 2013, 103, 555-564.	1.1	19
28	Resistance to citrus canker induced by a variant of <i>Xanthomonas citri</i> ssp. <i>citri</i> is associated with a hypersensitive cell death response involving autophagyâ€associated vacuolar processes. Molecular Plant Pathology, 2017, 18, 1267-1281.	2.0	16
29	Apoplastic lipid barriers regulated by conserved homeobox transcription factors extend seed longevity in multiple plant species. New Phytologist, 2021, 231, 679-694.	3.5	16
30	PthA4^{AT}, a 7.5â€repeats transcription activatorâ€like (TAL) effector from <i>Xanthomonas citri</i> ssp. <i>citri</i>, triggers citrus canker resistance. Molecular Plant Pathology, 2019, 20, 1394-1407.	2.0	13
31	Involvement of the eIF2Î± Kinase GCN2 in UV-B Responses. Frontiers in Plant Science, 2019, 10, 1492.	1.7	13
32	The alpha-N-acetyl-glucosaminidase gene is transcriptionally activated in male and female gametes prior to fertilization and is essential for seed development in Arabidopsis. Journal of Experimental Botany, 2008, 59, 3649-3659.	2.4	12
33	Identification of transcription factors potentially involved in the juvenile to adult phase transition in Citrus. Annals of Botany, 2013, 112, 1371-1381.	1.4	11
34	Plant responses underlying nonhost resistance of <i>Citrus limon</i> against <i>Xanthomonas campestris </i>pv.<i> campestris</i>. Molecular Plant Pathology, 2019, 20, 254-269.	2.0	9
35	Comparative analysis of wildâ€type accessions reveals novel determinants of Arabidopsis seed longevity. Plant, Cell and Environment, 2022, 45, 2708-2728.	2.8	9
36	Specific Plasma MicroRNA Signatures in Predicting and Confirming Crohn's Disease Recurrence: Role and Pathogenic Implications. Clinical and Translational Gastroenterology, 2021, 12, e00416.	1.3	7

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37	TRANSCRIPTOMIC ANALYSIS OF ETHYLENE-INDUCED TOLERANCE TO NON-CHILLING PEEL PITTING IN CITRUS FRUIT. Acta Horticulturae, 2009, , 555-560.	0.1	6
38	A Plant Virus Movement Protein Regulates the Gcn2p Kinase in Budding Yeast. PLoS ONE, 2011, 6, e27409.	1.1	6
39	eIF2 kinases mediate Î²-lapachone toxicity in yeast and human cancer cells. Cell Cycle, 2015, 14, 630-640.	1.3	5
40	Transcription Factor DOF4.1 Regulates Seed Longevity in Arabidopsis via Seed Permeability and Modulation of Seed Storage Protein Accumulation. Frontiers in Plant Science, 0, 13, .	1.7	5
41	The ABCF3 Gene of Arabidopsis Is Functionally Linked with GCN1 but Not with GCN2 During Stress and Development. Plant Molecular Biology Reporter, 0, , 1.	1.0	3
42	TRANSCRIPTOMIC CHANGES ASSOCIATED WITH POSTHARVEST SUSCEPTIBILITY OF AN ABA-DEFICIENT MUTANT OF ORANGES TO NON-CHILLING PEEL PITTING. Acta Horticulturae, 2010, , 1079-1084.	0.1	0
43	TERPENE DOWN-REGULATION TRIGGERS INNATE IMMUNITY AND RESISTANCE TO FUNGAL PATHOGENS IN ORANGE FRUITS. Acta Horticulturae, 2015, , 687-693.	0.1	0
44	Proteomic analysis of the ila2 mutant of Arabidopsis links translational regulation with photosynthesis, protein folding and ribosomal proteins. Acta Physiologiae Plantarum, 2020, 42, 1.	1.0	0
45	Global Regulation of Genes in Citrus Fruit in Response to the Postharvest Pathogen Penicillium digitatum. , 2009, , 57-67.		0
46	INTRODUCTION TO ADVANCED SEQUENCING TECHNOLOGIES FOR UNDERGRADUATE STUDENTS IN GENETICS: MINION REAL-TIME SEQUENCING. INTED Proceedings, 2022, , .	0.0	0