Jose Gadea-Vacas

List of Publications by Year in descending order

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| # | 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. | 3.9 | 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. | 2.6 | 133 |
| 3 | A Conserved Domain of the Arabidopsis GNOM Protein Mediates Subunit Interaction and Cyclophilin 5 Binding. Plant Cell, 2000, 12, 343-356. | 6.6 | 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. | 3.9 | 104 |
| 5 | Terpene Down-Regulation in Orange Reveals the Role of Fruit Aromas in Mediating Interactions with Insect Herbivores and Pathogens A Â. Plant Physiology, 2011, 156, 793-802. | 4.8 | 99 |
| 6 | Transcriptional response of Citrus aurantifolia to infection by Citrus tristeza virus. Virology, 2007, 367, 298-306. | 2.4 | 65 |
| 7 | Genetic analysis of two Arabidopsis DNA polymerase epsilon subunits during early embryogenesis. Plant Journal, 2005, 44, 223-236. | 5.7 | 63 |
| 8 | The Short-Rooted Phenotype of the <i>brevis radix</i> Mutant Partly Reflects Root Abscisic Acid Hypersensitivity Â. Plant Physiology, 2009, 149, 1917-1928. | 4.8 | 63 |
| 9 | Terpene Down-Regulation Triggers Defense Responses in Transgenic Orange Leading to Resistance against Fungal Pathogens Â. Plant Physiology, 2014, 164, 321-339. | 4.8 | 60 |
| 10 | Characterization of Defense-Related Genes Ectopically Expressed in Viroid-Infected Tomato Plants. Molecular Plant-Microbe Interactions, 1996, 9, 409. | 2.6 | 59 |
| 11 | Shared and novel molecular responses of mandarin to drought. Plant Molecular Biology, 2009, 70, 403-420. | 3.9 | 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. | 4.2 | 56 |
| 13 | Partial Activation of SA- and JA-Defensive Pathways in Strawberry upon Colletotrichum acutatum Interaction. Frontiers in Plant Science, 2016, 7, 1036. | 3.6 | 55 |
| 14 | Protein kinase GCN2 mediates responses to glyphosate in Arabidopsis. BMC Plant Biology, 2015, 15, 14. | 3.6 | 54 |
| 15 | A genome-wide 20 K citrus microarray for gene expression analysis. BMC Genomics, 2008, 9, 318. | 2.8 | 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. | 5.7 | 45 |
| 18 | Gene expression analysis in citrus reveals the role of gibberellins on photosynthesis and stress. Plant, Cell and Environment, 2008, 31, 1620-1633. | 5.7 | 41 |

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|----|--|-----|-----------|
| 19 | Class prediction of closely related plant varieties using gene expression profiling. Journal of Experimental Botany, 2007, 58, 1927-1933. | 4.8 | 40 |
| 20 | The first zygotic division in Arabidopsis requires <i>de novo</i> transcription of thymidylate kinase. Plant Journal, 2008, 53, 776-789. | 5.7 | 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. | 5.7 | 33 |
| 22 | The monoterpene limonene in orange peels attracts pests and microorganisms. Plant Signaling and Behavior, 2011, 6, 1820-1823. | 2.4 | 32 |
| 23 | Gcn2p Regulates a G1/S Cell Cycle Checkpoint in Response to DNA Damage. Cell Cycle, 2007, 6, 2302-2305. | 2.6 | 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. | 2.1 | 22 |
| 25 | Arabidopsis ILITHYIA protein is necessary for proper chloroplast biogenesis and root development independent of eIF21 [±] phosphorylation. Journal of Plant Physiology, 2018, 224-225, 173-182. | 3.5 | 22 |
| 26 | Surface Barriers of Mandarin â€~Okitsu' Leaves Make a Major Contribution to Canker Disease Resistance. Phytopathology, 2014, 104, 970-976. | 2.2 | 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. | 2.2 | 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. | 4.2 | 16 |
| 29 | Apoplastic lipid barriers regulated by conserved homeobox transcription factors extend seed longevity in multiple plant species. New Phytologist, 2021, 231, 679-694. | 7.3 | 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. | 4.2 | 13 |
| 31 | Involvement of the elF2α Kinase GCN2 in UV-B Responses. Frontiers in Plant Science, 2019, 10, 1492. | 3.6 | 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. | 4.8 | 12 |
| 33 | Identification of transcription factors potentially involved in the juvenile to adult phase transition in Citrus. Annals of Botany, 2013, 112, 1371-1381. | 2.9 | 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. | 4.2 | 9 |
| 35 | Comparative analysis of wildâ€ŧype accessions reveals novel determinants of Arabidopsis seed longevity. Plant, Cell and Environment, 2022, 45, 2708-2728. | 5.7 | 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. | 2.5 | 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. | 0.2 | 6 |
| 38 | A Plant Virus Movement Protein Regulates the Gcn2p Kinase in Budding Yeast. PLoS ONE, 2011, 6, e27409. | 2.5 | 6 |
| 39 | eIF2 kinases mediate β-lapachone toxicity in yeast and human cancer cells. Cell Cycle, 2015, 14, 630-640. | 2.6 | 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, . | 3.6 | 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. | 1.8 | 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. | 0.2 | 0 |
| 43 | TERPENE DOWN-REGULATION TRIGGERS INNATE IMMUNITY AND RESISTANCE TO FUNGAL PATHOGENS IN ORANGE FRUITS. Acta Horticulturae, 2015, , 687-693. | 0.2 | 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. | 2.1 | 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 |