

M Gallardo

List of Publications by Year in descending order

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33
papers

650
citations

567281

15
h-index

580821

25
g-index

33
all docs

33
docs citations

33
times ranked

594
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Structural, physiological and molecular aspects of heterogeneity in seeds: a review. <i>Seed Science Research</i> , 2005, 15, 63-76. | 1.7 | 104 |
| 2 | Ethylene Production and 1-Aminocyclopropane-1-Carboxylic Acid Conjugation in Thermoinhibited <i>Cicer arietinum</i> L. Seeds. <i>Plant Physiology</i> , 1991, 97, 122-127. | 4.8 | 69 |
| 3 | Tissue-specific expression of olive S-adenosyl methionine decarboxylase and spermidine synthase genes and polyamine metabolism during flower opening and early fruit development. <i>Planta</i> , 2010, 232, 629-647. | 3.2 | 43 |
| 4 | Inhibition of polyamine synthesis by cyclohexylamine stimulates the ethylene pathway and accelerates the germination of <i>Cicer arietinum</i> seeds. <i>Physiologia Plantarum</i> , 1994, 91, 9-16. | 5.2 | 38 |
| 5 | Flower fertilization and fruit development prompt changes in free polyamines and ethylene in damson plum (<i>Prunus insititia</i> L.). <i>Journal of Plant Physiology</i> , 2006, 163, 86-97. | 3.5 | 34 |
| 6 | Mature fruit abscission is associated with up-regulation of polyamine metabolism in the olive abscission zone. <i>Journal of Plant Physiology</i> , 2010, 167, 1432-1441. | 3.5 | 33 |
| 7 | Free polyamines in <i>Cicer arietinum</i> seeds during the onset of germination. <i>Phytochemistry</i> , 1992, 31, 2283-2287. | 2.9 | 28 |
| 8 | The heterogeneity of turnip-tops (<i>Brassica rapa</i>) seeds inside the silique affects germination, the activity of the final step of the ethylene pathway, and abscisic acid and polyamine content. <i>Functional Plant Biology</i> , 2003, 30, 767. | 2.1 | 25 |
| 9 | Melatonin and related bioactive compounds in commercialized date palm fruits (<i>Phoenix dactylifera</i>) Tj ETQq1 1 0.784314 rgBT /Over 51-59. | 3.3 | 25 |
| 10 | The zygotic embryogenesis and ripening of <i>Brassica rapa</i> seeds provokes important alterations in the levels of free and conjugated abscisic acid and polyamines. <i>Physiologia Plantarum</i> , 2003, 117, 279-288. | 5.2 | 24 |
| 11 | The relationships between ethylene production and germination of <i>Cicer arietinum</i> seeds. <i>Biologia Plantarum</i> , 1994, 36, 201. | 1.9 | 22 |
| 12 | Involvement of calcium in ACC-oxidase activity from <i>Cicer arietinum</i> seed embryonic axes. <i>Phytochemistry</i> , 1999, 50, 373-376. | 2.9 | 18 |
| 13 | Preliminary characterization of 1-aminocyclopropane-1-carboxylate oxidase properties from embryonic axes of chick-pea (<i>Cicer arietinum</i> L.) seeds. <i>Journal of Experimental Botany</i> , 1995, 46, 695-700. | 4.8 | 17 |
| 14 | Alterations of the ethylene pathway in germinating thermoinhibited chick-pea seeds caused by the inhibition of polyamine biosynthesis. <i>Plant Science</i> , 1995, 104, 169-175. | 3.6 | 16 |
| 15 | Alleviation of Thermoinhibition in Chickpea Seeds by Putrescine Involves the Ethylene Pathway. <i>Functional Plant Biology</i> , 1996, 23, 479. | 2.1 | 16 |
| 16 | Sphingolipid Distribution, Content and Gene Expression during Olive-Fruit Development and Ripening. <i>Frontiers in Plant Science</i> , 2018, 9, 28. | 3.6 | 15 |
| 17 | Role of Melatonin in Apple Fruit during Growth and Ripening: Possible Interaction with Ethylene. <i>Plants</i> , 2022, 11, 688. | 3.5 | 15 |
| 18 | Germination of chick-pea seeds in relation to manipulation of the ethylene pathway and polyamine biosynthesis by inhibitors. <i>Plant Science</i> , 1994, 97, 31-37. | 3.6 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Modulation of sphingolipid long-chain base composition and gene expression during early olive-fruit development, and putative role of brassinosteroid. <i>Journal of Plant Physiology</i> , 2018, 231, 383-392. | 3.5 | 14 |
| 20 | Polyamine contents, ethylene synthesis, and BrACO2 expression during turnip germination. <i>Biologia Plantarum</i> , 2006, 50, 574-580. | 1.9 | 13 |
| 21 | Cell Wall Composition and Ultrastructural Immunolocalization of Pectin and Arabinogalactan Protein during <i>Olea europaea</i> L. Fruit Abscission. <i>Plant and Cell Physiology</i> , 2020, 61, 814-825. | 3.1 | 13 |
| 22 | Biochemical properties of 1-aminocyclopropane-1-carboxylateN-malonyltransferase activity from early growing embryonic axes of chick-pea (<i>Cicer arietinum</i> L.) seeds. <i>Journal of Experimental Botany</i> , 1996, 47, 1771-1778. | 4.8 | 10 |
| 23 | Transcriptome and Hormone Analyses Revealed Insights into Hormonal and Vesicle Trafficking Regulation among <i>Olea europaea</i> Fruit Tissues in Late Development. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4819. | 4.1 | 10 |
| 24 | Content and Distribution of Free and Bound Polyamines in Embryonic Axes of Chick-Pea Seeds. <i>Journal of Plant Physiology</i> , 1993, 142, 347-354. | 3.5 | 9 |
| 25 | Melatonin content in walnuts and other commercial nuts. Influence of cultivar, ripening and processing (roasting). <i>Journal of Food Composition and Analysis</i> , 2022, 105, 104180. | 3.9 | 7 |
| 26 | Effect of short-chain fatty acids on the ethylene pathway in embryonic axes of <i>Cicer arietinum</i> during germination. <i>Physiologia Plantarum</i> , 1994, 92, 629-635. | 5.2 | 6 |
| 27 | Thermoinhibition alters the polyamine levels in cotyledons and embryonic axes during germination of stratified chick-pea seeds. <i>Plant Science</i> , 1994, 101, 143-150. | 3.6 | 5 |
| 28 | Inhibition of polyamine synthesis by cyclohexylamine stimulates the ethylene pathway and accelerates the germination of <i>Cicer arietinum</i> seeds. <i>Physiologia Plantarum</i> , 1994, 91, 9-16. | 5.2 | 3 |
| 29 | THE INTERACTION BETWEEN ETHYLENE AND POLYAMINES DURING RIPENING OF OLIVE FRUIT. <i>Acta Horticulturae</i> , 2012, , 147-153. | 0.2 | 3 |
| 30 | ENDOGENOUS FREE POLYAMINES IN THE ABSCISSION ZONE OF OLIVE FRUIT. <i>Acta Horticulturae</i> , 2012, , 123-127. | 0.2 | 1 |
| 31 | Sphingolipids during olive fruit ripening. <i>Acta Horticulturae</i> , 2020, , 565-572. | 0.2 | 0 |
| 32 | Sphingolipid and sterol accumulation during olive fruit abscission. <i>Acta Horticulturae</i> , 2020, , 581-588. | 0.2 | 0 |
| 33 | Brassinosteroid-induced modulation of sphingolipid long-chain base composition and gene expression during early olive-fruit development. <i>Acta Horticulturae</i> , 2020, , 589-596. | 0.2 | 0 |