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List of Publications by Year in descending order

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docs citations

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times ranked

2755
citing authors

#	ARTICLE	IF	CITATIONS
1	Olive (<i>Olea europaea</i> L.) Genetic Transformation: Current Status and Future Prospects. <i>Genes</i> , 2021, 12, 386.	2.4	6
2	Ectopic expression of the atypical HLH FaPRE1 gene determines changes in cell size and morphology. <i>Plant Science</i> , 2021, 305, 110830.	3.6	6
3	Modification of 13-hydroperoxide lyase expression in olive affects plant growth and results in altered volatile profile. <i>Plant Science</i> , 2021, 313, 111083.	3.6	9
4	Elucidating the role of polygalacturonase genes in strawberry fruit softening. <i>Journal of Experimental Botany</i> , 2020, 71, 7103-7117.	4.8	41
5	Exploring the Use of Fruit Callus Culture as a Model System to Study Color Development and Cell Wall Remodeling during Strawberry Fruit Ripening. <i>Plants</i> , 2020, 9, 805.	3.5	8
6	Heterologous Expression of the AtNPR1 Gene in Olive and Its Effects on Fungal Tolerance. <i>Frontiers in Plant Science</i> , 2020, 11, 308.	3.6	19
7	Fruit and Vegetable Texture: Role of Their Cell Walls. , 2019, , 1-7.		5
8	Plant Regeneration via Somatic Embryogenesis in Mature Wild Olive Genotypes Resistant to the Defoliating Pathotype of <i>Verticillium dahliae</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 1471.	3.6	24
9	Isolation and culture of strawberry protoplasts and field evaluation of regenerated plants. <i>Scientia Horticulturae</i> , 2019, 256, 108552.	3.6	10
10	The Strawberry FaWRKY1 Transcription Factor Negatively Regulates Resistance to <i>Colletotrichum acutatum</i> in Fruit Upon Infection. <i>Frontiers in Plant Science</i> , 2019, 10, 480.	3.6	24
11	Use of fluorescent reporter genes in olive (<i>Olea europaea</i> L.) transformation. <i>Acta Physiologiae Plantarum</i> , 2019, 41, 1.	2.1	4
12	An atypical HLH transcriptional regulator plays a novel and important role in strawberry ripened receptacle. <i>BMC Plant Biology</i> , 2019, 19, 586.	3.6	13
13	A nanostructural view of the cell wall disassembly process during fruit ripening and postharvest storage by atomic force microscopy. <i>Trends in Food Science and Technology</i> , 2019, 87, 47-58.	15.1	141
14	Usage of the Heterologous Expression of the Antimicrobial Gene <i>afp</i> From <i>Aspergillus giganteus</i> for Increasing Fungal Resistance in Olive. <i>Frontiers in Plant Science</i> , 2018, 9, 680.	3.6	20
15	The History and Current Status of Genetic Transformation in Berry Crops. <i>Compendium of Plant Genomes</i> , 2018, , 139-160.	0.5	3
16	Caracterización de indicadores de la calidad del fruto en líneas de fresa transgénicas con genes silenciados que codifican para enzimas pectinolíticas. <i>Revista Colombiana De Biotecnología</i> , 2018, 20, 42-50.	0.2	1
17	A possible role for flowering locus T encoding genes in interpreting environmental and internal cues affecting olive (<i>Olea europaea</i> L.) flower induction. <i>Plant, Cell and Environment</i> , 2017, 40, 1263-1280.	5.7	70
18	Unravelling the nanostructure of strawberry fruit pectins by endo-polygalacturonase digestion and atomic force microscopy. <i>Food Chemistry</i> , 2017, 224, 270-279.	8.2	40

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19	Structural changes in cell wall pectins during strawberry fruit development. <i>Plant Physiology and Biochemistry</i> , 2017, 118, 55-63.	5.8	68
20	<i>Agrobacterium</i> -mediated transformation of avocado (<i>Persea americana</i> Mill.) somatic embryos with fluorescent marker genes and optimization of transgenic plant recovery. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 128, 447-455.	2.3	13
21	Generation and Selection of Transgenic Olive Plants. <i>Bio-protocol</i> , 2017, 7, e2611.	0.4	3
22	Partial Activation of SA- and JA-Defensive Pathways in Strawberry upon <i>Colletotrichum acutatum</i> Interaction. <i>Frontiers in Plant Science</i> , 2016, 7, 1036.	3.6	55
23	Antisense down-regulation of the strawberry β -galactosidase gene <i>FaβGal4</i> increases cell wall galactose levels and reduces fruit softening. <i>Journal of Experimental Botany</i> , 2016, 67, 619-631.	4.8	122
24	The nanostructural characterization of strawberry pectins in pectate lyase or polygalacturonase silenced fruits elucidates their role in softening. <i>Carbohydrate Polymers</i> , 2015, 132, 134-145.	10.2	58
25	Expression of the β -1,3-glucanase gene <i>bgn13.1</i> from <i>Trichoderma harzianum</i> in strawberry increases tolerance to crown rot diseases but interferes with plant growth. <i>Transgenic Research</i> , 2015, 24, 979-989.	2.4	35
26	Development of an efficient transient transformation protocol for avocado (<i>Persea americana</i> Mill.) embryogenic callus. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2014, 50, 292-298.	2.1	12
27	Fruit softening and pectin disassembly: an overview of nanostructural pectin modifications assessed by atomic force microscopy. <i>Annals of Botany</i> , 2014, 114, 1375-1383.	2.9	177
28	EVALUATION OF THE EFFECT OF PHOSPHINOTHRICIN, AS SELECTION AGENT, ON THE GROWTH OF OLIVE SOMATIC EMBRYOS. <i>Acta Horticulturae</i> , 2014, , 533-542.	0.2	4
29	Enhancing frequency of regeneration of somatic embryos of avocado (<i>Persea americana</i> Mill.) using semi-permeable cellulose acetate membranes. <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 115, 199-207.	2.3	9
30	The strawberry (<i>Fragaria ananassa</i>) fruit-specific rhamnogalacturonate lyase 1 (FaRGLyase1) gene encodes an enzyme involved in the degradation of cell-wall middle lamellae. <i>Journal of Experimental Botany</i> , 2013, 64, 1471-1483.	4.8	83
31	Effect of simultaneous down-regulation of pectate lyase and endo- β -1,4-glucanase genes on strawberry fruit softening. <i>Molecular Breeding</i> , 2013, 31, 313-322.	2.1	20
32	Insights into the effects of polygalacturonase FaPG1 gene silencing on pectin matrix disassembly, enhanced tissue integrity, and firmness in ripe strawberry fruits. <i>Journal of Experimental Botany</i> , 2013, 64, 3803-3815.	4.8	84
33	Evaluation of key factors influencing <i>Agrobacterium</i> -mediated transformation of somatic embryos of avocado (<i>Persea americana</i> Mill.). <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 109, 201-211.	2.3	18
34	Structural characterization of cell wall pectin fractions in ripe strawberry fruits using AFM. <i>Carbohydrate Polymers</i> , 2012, 88, 882-890.	10.2	116
35	IMPROVEMENT OF STRAWBERRY FRUIT SOFTENING THROUGH THE SILENCING OF CELL WALL GENES. <i>Acta Horticulturae</i> , 2012, , 107-110.	0.2	0
36	An efficient regeneration system via somatic embryogenesis in olive. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 106, 337-344.	2.3	46

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37	Development of a high throughput system for genetic transformation of olive (<i>Olea europaea</i> L.) plants. <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 103, 61-69.	2.3	32
38	Evaluation of the role of the endo-β-(1,4)-glucanase gene FaEG3 in strawberry fruit softening. <i>Postharvest Biology and Technology</i> , 2010, 55, 8-14.	6.0	34
39	Antisense Down-Regulation of the FaPG1 Gene Reveals an Unexpected Central Role for Polygalacturonase in Strawberry Fruit Softening. <i>Plant Physiology</i> , 2009, 150, 1022-1032.	4.8	182
40	The polygalacturonase and its role in strawberry fruit softening. <i>Plant Signaling and Behavior</i> , 2009, 4, 766-768.	2.4	43
41	Studies on genetic transformation of olive (<i>Olea europaea</i> L.) somatic embryos: I. Evaluation of different aminoglycoside antibiotics for nptII selection; II. Transient transformation via particle bombardment. <i>Plant Cell, Tissue and Organ Culture</i> , 2009, 97, 243-251.	2.3	41
42	Rheological characterisation of juices obtained from transgenic pectate lyase-silenced strawberry fruits. <i>Food Chemistry</i> , 2009, 116, 426-432.	8.2	18
43	Fruit yield and quality of strawberry plants transformed with a fruit specific strawberry pectate lyase gene. <i>Scientia Horticulturae</i> , 2009, 119, 120-125.	3.6	24
44	POSTHARVEST BEHAVIOUR OF TRANSGENIC STRAWBERRY WITH POLYGALACTURONASE OR PECTATE LYASE GENES SILENCED. <i>Acta Horticulturae</i> , 2009, , 573-576.	0.2	5
45	AGROBACTERIUM-MEDIATED TRANSFORMATION OF OLIVE (OLEA EUROPAEA L.) EMBRYOGENIC CULTURES. <i>Acta Horticulturae</i> , 2009, , 387-391.	0.2	4
46	EFFECT OF SILENCING OF CELL WALL DEGRADING ENZYMES ON STRAWBERRY FRUIT SOFTENING. <i>Acta Horticulturae</i> , 2009, , 931-934.	0.2	4
47	Antisense inhibition of a pectate lyase gene supports a role for pectin depolymerization in strawberry fruit softening. <i>Journal of Experimental Botany</i> , 2008, 59, 2769-2779.	4.8	109
48	GENETIC TRANSFORMATION OF OLIVE SOMATIC EMBRYOS THROUGH BIOLISTICS. <i>Acta Horticulturae</i> , 2007, , 473-477.	0.2	12
49	EVALUATION OF TOLERANCE OF COLLETOTRICHUM ACUTATUM IN STRAWBERRY PLANTS TRANSFORMED WITH TRICHODERMA-DERIVED GENES. <i>Acta Horticulturae</i> , 2007, , 383-388.	0.2	14
50	Antisense inhibition of pectate lyase gene expression in strawberry fruit: Characteristics of fruits processed into jam. <i>Journal of Food Engineering</i> , 2007, 79, 194-199.	5.2	31
51	Evidence of frequent integration of non-T-DNA vector backbone sequences in transgenic strawberry plant. <i>Journal of Bioscience and Bioengineering</i> , 2006, 101, 508-510.	2.2	25
52	Changes in the water binding characteristics of the cell walls from transgenic <i>Nicotiana tabacum</i> leaves with enhanced levels of peroxidase activity. <i>Physiologia Plantarum</i> , 2004, 122, 504-512.	5.2	19
53	The CaMV 35S promoter is highly active on floral organs and pollen of transgenic strawberry plants. <i>Plant Cell Reports</i> , 2004, 23, 32-38.	5.6	32
54	Structural and physiological changes in the roots of tomato plants over-expressing a basic peroxidase. <i>Physiologia Plantarum</i> , 2003, 118, 422-429.	5.2	47

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55	<i>Influence of sucrose concentration on in vitro rooting, growth, endogenous sugars and ex vitro survival of juvenile avocado. Journal of Horticultural Science and Biotechnology, 2003, 78, 46-50.</i>	1.9	8
56	PHYSIOLOGICAL INFLUENCE OF SUCROSE ON JUVENILE AVOCADO DURING IN VITRO CULTIVATION AND SUBSEQUENT EX VITRO ACCLIMATIZATION. Acta Horticulturae, 2003, , 421-424.	0.2	1
57	Manipulation of Strawberry Fruit Softening by Antisense Expression of a Pectate Lyase Gene. Plant Physiology, 2002, 128, 751-759.	4.8	309
58	Influences of exogenous sucrose on juvenile avocado during in vitro cultivation and subsequent ex vitro acclimatization. Trees - Structure and Function, 2002, 16, 569-575.	1.9	5
59	Effects of in vitro tissue culture conditions and acclimatization on the contents of Rubisco, leaf soluble proteins, photosynthetic pigments, and C/N ratio. Journal of Plant Physiology, 2001, 158, 835-840.	3.5	37
60	Title is missing!. Plant Cell, Tissue and Organ Culture, 2000, 62, 101-106.	2.3	14
61	Agrobacterium cells as microprojectile coating: a novel approach to enhance stable transformation rates in strawberry. Functional Plant Biology, 2000, 27, 1093.	2.1	11
62	Biochemical and phenotypical characterization of transgenic tomato plants overexpressing a basic peroxidase. Physiologia Plantarum, 1999, 106, 355-362.	5.2	65
63	Pollen sporopollenin: degradation and structural elucidation. Sexual Plant Reproduction, 1999, 12, 171-178.	2.2	158
64	A convenient protocol for extraction and purification of DNA from Fragaria. In Vitro Cellular and Developmental Biology - Plant, 1999, 35, 152-153.	2.1	25
65	Regeneration and transformation via Agrobacterium tumefaciens of the strawberry cultivar Chandler. Plant Cell, Tissue and Organ Culture, 1998, 54, 29-36.	2.3	69
66	Isolation of intact pollen exine using anhydrous hydrogen fluoride. Grana, 1998, 37, 93-96.	0.8	36
67	Effects of low temperature on pepper pollen morphology and fertility: Evidence of cold induced exine alterations. The Journal of Horticultural Science, 1997, 72, 317-326.	0.3	48
68	Effects of hand-pollination, paclobutrazol treatments, root temperature and genotype on pollen viability and seed fruit content of winter-grown pepper. The Journal of Horticultural Science, 1997, 72, 893-900.	0.3	3
69	Metabolic Changes and Susceptibility to Chilling Stress in Capsicum annuum Plants Grown at Suboptimal Temperature. Functional Plant Biology, 1997, 24, 759.	2.1	23
70	Shoot regeneration and Agrobacterium-mediated transformation of Fragaria vesca L.. Plant Cell Reports, 1996, 15, 642-646.	5.6	61
71	Shoot regeneration and Agrobacterium -mediated transformation of Fragaria vesca L.. Plant Cell Reports, 1996, 15, 642-646.	5.6	9
72	STORAGE OF BELL PEPPERS IN CONTROLLED ATMOSPHERES AT CHILLING AND NONCHILLING TEMPERATURES. Acta Horticulturae, 1995, , 134-142.	0.2	10

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73	In vitro germination of pepper pollen in liquid medium. <i>Scientia Horticulturae</i> , 1994, 57, 273-281.	3.6	30