Takanori Saito

List of Publications by Year
in descending order

41 papers	1,317 citations	20 h-index	35 g-index
42 all docs	42 docs citations	42 times ranked	1188 citing authors

361413

361022

#	Article	IF	Citations
1	Retardation of Endogenous ABA Synthesis by NDGA in Leaves Affects Anthocyanin, Sugar, and Aroma Volatile Concentrations in â€˜Kyohoâ€™ Grape Berries. Horticulture Journal, 2022, 91, 186-194.	0.8	2
2	l-Isoleucine (Ile) Promotes Anthocyanin Accumulation in Apples. Journal of Plant Growth Regulation, 2021, 40, 541-549.	5.1	5
3	Changes in phytohormone content and associated gene expression throughout the stages of pear (<i>Pyrus pyrifolia</i>Nakai) dormancy. Tree Physiology, 2021, 41, 529-543.	3.1	19
4	Dehydration stress memory: Insights from physiological responses of sugar apple (Annona squamosa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.4	2
5	A combination of hot water and abscisic acid (ABA) biosynthesis inhibitor regulates ripening of Japanese apricot (Prunus mume) fruit. European Journal of Horticultural Science, 2021, 86, 461-468.	0.7	4
6	Salt stress in apple seedlings was mitigated by n-propyl dihydrojasmonate, a synthetic analog of jasmonic acid. European Journal of Horticultural Science, 2021, 86, 567-575.	0.7	0
7	Paclobutrazol elevates auxin and abscisic acid, reduces gibberellins and zeatin and modulates their transporter genes in Marubakaido apple (Malus prunifolia Borkh. var. ringo Asami) rootstocks. Plant Physiology and Biochemistry, 2020, 155, 502-511.	5.8	20
8	Inhibition of Abscisic Acid 8â€²-Hydroxylase Affects Dehydration Tolerance and Root Formation in Cuttings of Grapes (Vitis labrusca L.â€‰Ã—â€‰Vitis vinifera L. cv. Kyoho) Under Drought Stress Conditions. Journal of Plant Growth Regulation, 2020, 39, 1577-1586.	5.1	7
9	Association of auxin, cytokinin, abscisic acid, and plant peptide response genes during adventitious root formation in Marubakaido apple rootstock (Malus prunifolia Borkh. var. ringo Asami). Acta Physiologiae Plantarum, 2019, 41, 1.	2.1	6
10	Abscisic acid affects ethylene metabolism and carotenoid biosynthesis in Japanese apricot (Prunus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	5
11	<i>n</i>-Propyl dihydrojasmonates influence ethylene signal transduction in infected apple fruit by <i>Botrytis cinerea</i>. Horticulture Journal, 2019, 88, 41-49.	0.8	7
12	Oxylipin affects ethylene metabolism and ethylene receptor gene expression levels in peach fruit (Prunus persica L. ÂBatsch). Journal of Horticultural Science and Biotechnology, 2019, 94, 201-209.	1.9	1
13	Abscisic acid is involved in aromatic ester biosynthesis related with ethylene in green apples. Journal of Plant Physiology, 2018, 221, 85-93.	3.5	41
14	Exogenous ABA and endogenous ABA affects â€˜Kyohoâ€™ grape berry coloration in different pathway. Plant Gene, 2018, 14, 74-82.	2.3	6
15	Effects of IPT or NDGA Application on ABA Metabolism and Maturation in Grape Berries. Journal of Plant Growth Regulation, 2018, 37, 1210-1221.	5.1	14
16	Salt Tolerance in Apple Seedlings is Affected by an Inhibitor of ABA 8â€²-Hydroxylase CYP707A. Journal of Plant Growth Regulation, 2017, 36, 643-650.	5.1	12
17	Dormancy-Associated MADS-Box (DAM) and the Abscisic Acid Pathway Regulate Pear Endodormancy Through a Feedback Mechanism. Plant and Cell Physiology, 2017, 58, 1378-1390.	3.1	99
18	Lipid droplet-associated gene expression and chromatin remodelling in LIPASE 5â€²-upstream region from beginning- to mid-endodormant bud in â€˜Fujiâ€™ apple. Plant Molecular Biology, 2017, 95, 441-449.	3.9	9

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19	Effects of Ethephon and Abscisic Acid Application on Ripening-Related Genes in â€˜Kohiâ€™ Kiwifruit () Tj ETQq1 1 0.784314 rgBT /Ove	5.0	22
20	Repression of TERMINAL FLOWER1 primarily mediates floral induction in pear (Pyrus pyrifolia Nakai) concomitant with change in gene expression of plant hormone-related genes and transcription factors. Journal of Experimental Botany, 2017, 68, 4899-4914.	4.8	31
21	Epigenetic regulation of MdMYB1 is associated with paper bagging-induced red pigmentation of apples. Planta, 2016, 244, 573-586.	3.2	47
22	Effects of pre-harvest application of ethephon or abscisic acid on â€˜Kohiâ€™ kiwifruit (Actinidia chinensis) Tj ETQq0 0 0 rgBT /Overlock	3.6	8
23	Small RNA and PARE sequencing in flower bud reveal the involvement of sRNAs in endodormancy release of Japanese pear (Pyrus pyrifolia 'Kosui'). BMC Genomics, 2016, 17, 230.	2.8	25
24	Î±-Ketol linolenic acid (KODA) application affects endogenous abscisic acid, jasmonic acid and aromatic volatiles in grapes infected by a pathogen (Glomerella cingulata). Journal of Plant Physiology, 2016, 192, 90-97.	3.5	13
25	Involvement of<i>EARLY BUD-BREAK</i>, an AP2/ERF Transcription Factor Gene, in Bud Break in Japanese Pear (<i>Pyrus pyrifolia</i>Nakai) Lateral Flower Buds: Expression, Histone Modifications and Possible Target Genes. Plant and Cell Physiology, 2016, 57, 1038-1047.	3.1	49
26	Physiological differences between bud breaking and flowering after dormancy completion revealed by<i>DAM</i>and<i>FT/TFL1</i>expression in Japanese pear (<i>Pyrus pyrifolia</i>). Tree Physiology, 2016, 36, 109-120.	3.1	30
27	Effects of light emitting diode irradiation at night on abscisic acid metabolism and anthocyanin synthesis in grapes in different growing seasons. Plant Growth Regulation, 2016, 79, 39-46.	3.4	18
28	Jasmonate application influences endogenous abscisic acid, jasmonic acid and aroma volatiles in grapes infected by a pathogen (Glomerella cingulata). Scientia Horticulturae, 2015, 192, 166-172.	3.6	25
29	Development of flower buds in the Japanese pear (Pyrus pyrifolia) from late autumn to early spring. Tree Physiology, 2015, 35, 653-662.	3.1	36
30	Expression of DORMANCY-ASSOCIATED MADS-BOX (DAM)-like genes in apple. Biologia Plantarum, 2015, 59, 237-244.	1.9	71
31	Histone modification and signalling cascade of the <i>dormancyâ€associated</i>â€…<scp><i>MADS</i></scp><i>â€box</i> gene, <scp><i>PpMADS</i></scp><i>13â€1</i>, in <scp>J</scp>apanese pear (<scp><i>P</i></scp><i>yrus) Tj ETQq1 1 0.784314 rgBT /Ove	5.7	106
32	Evaluation of Reference Genes for Accurate Normalization of Gene Expression for Real Time-Quantitative PCR in Pyrus pyrifolia Using Different Tissue Samples and Seasonal Conditions. PLoS ONE, 2014, 9, e86492.	2.5	66
33	An apple B-box protein, MdCOL11, is involved in UV-B- and temperature-induced anthocyanin biosynthesis. Planta, 2014, 240, 1051-1062.	3.2	123
34	Effect of extending the photoperiod with low-intensity red or far-red light on the timing of shoot elongation and flower-bud formation of 1-year-old Japanese pear (Pyrus pyrifolia). Tree Physiology, 2014, 34, 534-546.	3.1	25
35	Characterization of 10 MADS-box genes from Pyrus pyrifolia and their differential expression during fruit development and ripening. Gene, 2013, 528, 183-194.	2.2	14
36	Transcriptome Analysis of Japanese Pear (Pyrus pyrifolia Nakai) Flower Buds Transitioning Through Endodormancy. Plant and Cell Physiology, 2013, 54, 1132-1151.	3.1	147

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37	Expression and genomic structure of the dormancy-associated MADS box genes MADS13 in Japanese pears (Pyrus pyrifolia Nakai) that differ in their chilling requirement for endodormancy release. Tree Physiology, 2013, 33, 654-667.	3.1	91
38	Screening of UV-B-induced genes from apple peels by SSH: possible involvement of MdCOP1-mediated signaling cascade genes in anthocyanin accumulation. Physiologia Plantarum, 2013, 148, 432-444.	5.2	30
39	Transcriptome analysis of Pyrus pyrifolia leaf buds during transition from endodormancy to ecodormancy. Scientia Horticulturae, 2012, 147, 49-55.	3.6	27
40	Ethylene production and 1-aminocyclopropane-1-carboxylate (ACC) synthase and ACC oxidase gene expression in apple fruit are affected by 9,10-ketol-octadecadienoic acid (KODA). Postharvest Biology and Technology, 2012, 72, 20-26.	6.0	6
41	Screening of UV-B-induced genes from apple peels by SSH: possible involvement of MdCOP1-mediated signaling cascade genes in anthocyanin accumulation. Physiologia Plantarum, 2012, , n/a-n/a.	5.2	46