

Mindy Y Wang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,332
citations

566801

15
h-index

940134

16
g-index

17
all docs

17
docs citations

17
times ranked

1527
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of expressed sequence tags from Actinidia: applications of a cross species EST database for gene discovery in the areas of flavor, health, color and ripening. BMC Genomics, 2008, 9, 351.	1.2	178
2	Natural Variation in Monoterpene Synthesis in Kiwifruit: Transcriptional Regulation of Terpene Synthases by NAC and ETHYLENE-INSENSITIVE3-Like Transcription Factors. Plant Physiology, 2015, 167, 1243-1258.	2.3	178
3	Dissecting the role of climacteric ethylene in kiwifruit (<i>Actinidia chinensis</i>) ripening using a 1-aminocyclopropane-1-carboxylic acid oxidase knockdown line. Journal of Experimental Botany, 2011, 62, 3821-3835.	2.4	157
4	Two terpene synthases are responsible for the major sesquiterpenes emitted from the flowers of kiwifruit (<i>Actinidia deliciosa</i>). Journal of Experimental Botany, 2009, 60, 3203-3219.	2.4	136
5	<i>Actinidia arguta</i> : volatile compounds in fruit and flowers. Phytochemistry, 2003, 63, 285-301.	1.4	116
6	Functional Genomics Reveals That a Compact Terpene Synthase Gene Family Can Account for Terpene Volatile Production in Apple. Plant Physiology, 2013, 161, 787-804.	2.3	107
7	Changes in volatile production and sensory quality of kiwifruit during fruit maturation in <i>Actinidia deliciosa</i> 'Hayward'™ and <i>A. chinensis</i> 'Hort16A'™. Postharvest Biology and Technology, 2011, 59, 16-24. ^{2.9}		81
8	The <i>AAT1</i> locus is critical for the biosynthesis of esters contributing to 'ripe apple'™ flavour in 'Royal Gala'™ and 'Granny Smith'™ apples. Plant Journal, 2014, 78, 903-915.	2.8	76
9	Manipulation of flavour and aroma compound sequestration and release using a glycosyltransferase with specificity for terpene alcohols. Plant Journal, 2014, 80, 317-330.	2.8	74
10	Identification, functional characterization, and regulation of the enzyme responsible for floral (E)-nerolidol biosynthesis in kiwifruit (<i>Actinidia chinensis</i>). Journal of Experimental Botany, 2012, 63, 1951-1967.	2.4	67
11	Characterisation of an (S)-linalool synthase from kiwifruit (<i>Actinidia arguta</i>) that catalyses the first committed step in the production of floral lilac compounds. Functional Plant Biology, 2010, 37, 232.	1.1	37
12	The <i>OMT1</i> methyltransferase gene <i>MdoOMT1</i> is required for biosynthesis of methylated phenylpropenes in ripe apple fruit. Plant Journal, 2015, 82, 937-950.	2.8	35
13	<i>Alcohol acyl transferase 1</i> links two distinct volatile pathways that produce esters and phenylpropenes in apple fruit. Plant Journal, 2017, 91, 292-305.	2.8	30
14	Genetic control of farnesene production in apple fruit and its role in fungal pathogenesis. Plant Journal, 2019, 100, 1148-1162.	2.8	26
15	Sensory-Directed Genetic and Biochemical Characterization of Volatile Terpene Production in Kiwifruit. Plant Physiology, 2020, 183, 51-66.	2.3	19
16	Identifying volatile compounds associated with sensory and fruit attributes in diploid <i>Actinidia chinensis</i> (kiwifruit) using multivariate analysis. Euphytica, 2011, 181, 179-195.	0.6	13
17	Kiwifruit maturation, ripening and environmental response is not affected by CENTRORADIALIS (CEN) gene-editing. New Zealand Journal of Crop and Horticultural Science, 0, , 1-17.	0.7	2