

Niels J Nieuwenhuizen

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,054
citations

687363

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940533

16
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docs citations

17
times ranked

1344
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Variation in Monoterpene Synthesis in Kiwifruit: Transcriptional Regulation of Terpene Synthases by NAC and ETHYLENE-INSENSITIVE3-Like Transcription Factors. <i>Plant Physiology</i> , 2015, 167, 1243-1258.	4.8	178
2	A manually annotated <i>Actinidia chinensis</i> var. <i>chinensis</i> (kiwifruit) genome highlights the challenges associated with draft genomes and gene prediction in plants. <i>BMC Genomics</i> , 2018, 19, 257.	2.8	167
3	Two terpene synthases are responsible for the major sesquiterpenes emitted from the flowers of kiwifruit (<i>Actinidia deliciosa</i>). <i>Journal of Experimental Botany</i> , 2009, 60, 3203-3219.	4.8	136
4	Apple <i>SEPALLATA1/2</i> -like genes control fruit flesh development and ripening. <i>Plant Journal</i> , 2013, 73, 1044-1056.	5.7	124
5	Functional Genomics Reveals That a Compact Terpene Synthase Gene Family Can Account for Terpene Volatile Production in Apple. <i>Plant Physiology</i> , 2013, 161, 787-804.	4.8	107
6	Identification, functional characterization, and regulation of the enzyme responsible for floral (E)-nerolidol biosynthesis in kiwifruit (<i>Actinidia chinensis</i>). <i>Journal of Experimental Botany</i> , 2012, 63, 1951-1967.	4.8	67
7	The hybrid non-ethylene and ethylene ripening response in kiwifruit (<i>Actinidia chinensis</i>) is associated with differential regulation of MADS-box transcription factors. <i>BMC Plant Biology</i> , 2015, 15, 304.	3.6	59
8	Identification and characterisation of acidic and novel basic forms of actinidin, the highly abundant cysteine protease from kiwifruit. <i>Functional Plant Biology</i> , 2007, 34, 946.	2.1	58
9	Mapping, Complementation, and Targets of the Cysteine Protease Actinidin in Kiwifruit. <i>Plant Physiology</i> , 2012, 158, 376-388.	4.8	36
10	A whole genome assembly of <i>Leptospermum scoparium</i> (Myrtaceae) for mānuka research. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2019, 47, 233-260.	1.3	31
11	Floral sesquiterpenes and their synthesis in dioecious kiwifruit. <i>Plant Signaling and Behavior</i> , 2010, 5, 61-63.	2.4	26
12	Sensory-Directed Genetic and Biochemical Characterization of Volatile Terpene Production in Kiwifruit. <i>Plant Physiology</i> , 2020, 183, 51-66.	4.8	19
13	A gene expression atlas for kiwifruit (<i>Actinidia chinensis</i>) and network analysis of transcription factors. <i>BMC Plant Biology</i> , 2021, 21, 121.	3.6	18
14	Regulation of wound ethylene biosynthesis by NAC transcription factors in kiwifruit. <i>BMC Plant Biology</i> , 2021, 21, 411.	3.6	14
15	The Genetics of Kiwifruit Flavor and Fragrance. <i>Compendium of Plant Genomes</i> , 2016, , 135-147.	0.5	7
16	TPS-b family genes involved in signature aroma terpenes emission in ripe kiwifruit. <i>Plant Signaling and Behavior</i> , 2021, 16, 1962657.	2.4	5
17	Kiwifruit maturation, ripening and environmental response is not affected by <i>CENTRORADIALIS</i> (CEN) gene-editing. <i>New Zealand Journal of Crop and Horticultural Science</i> , 0, , 1-17.	1.3	2