Yanmin Zhu

List of Publications by Year
in descending order

17	475	687363 13	888059 17
papers	citations	h-index	g-index

17	17	17	403
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transcriptome changes specifically associated with apple (Malus domestica) root defense response during Pythium ultimum infection. Physiological and Molecular Plant Pathology, 2016, 94, 16-26.	2.5	70
2	Using RNA-seq data to select reference genes for normalizing gene expression in apple roots. PLoS ONE, 2017, 12, e0185288.	2.5	52
3	Genotype responses of two apple rootstocks to infection by Pythium ultimum causing apple replant disease. Canadian Journal of Plant Pathology, 2016, 38, 483-491.	1.4	49
4	Transcriptional regulation of ethylene and jasmonate mediated defense response in apple (Malus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	6.3	47
5	Differential Suppression of Ethylene Biosynthesis and Receptor Genes in â€˜Golden Deliciousâ€™ Apple by Preharvest and Postharvest 1-MCP Treatments. Journal of Plant Growth Regulation, 2013, 32, 585-595.	5.1	33
6	Genotype-specific suppression of multiple defense pathways in apple root during infection by Pythium ultimum. Horticulture Research, 2019, 6, 10.	6.3	30
7	Multiple plant hormones and cell wall metabolism regulate apple fruit maturation patterns and texture attributes. Tree Genetics and Genomes, 2012, 8, 1389-1406.	1.6	28
8	Transcriptional Regulation of Auxin Metabolism and Ethylene Biosynthesis Activation During Apple (MalusÂÃ—Âdomestica) Fruit Maturation. Journal of Plant Growth Regulation, 2016, 35, 655-666.	5.1	28
9	Cloning and expression of lipoxygenase genes and enzyme activity in ripening persimmon fruit in response to GA and ABA treatments. Postharvest Biology and Technology, 2014, 92, 54-61.	6.0	25
10	A systematic analysis of apple root resistance traits to Pythium ultimum infection and the underpinned molecular regulations of defense activation. Horticulture Research, 2020, 7, 62.	6.3	24
11	Functional characterization of an apple (Malus x domestica) LysM domain receptor encoding gene for its role in defense response. Plant Science, 2018, 269, 56-65.	3.6	21
12	MdPR4, a pathogenesis-related protein in apple, is involved in chitin recognition and resistance response to apple replant disease pathogens. Journal of Plant Physiology, 2021, 260, 153390.	3.5	19
13	Comparative Transcriptome Analysis Reveals a Preformed Defense System in Apple Root of a Resistant Genotype of G.935 in the Absence of Pathogen. International Journal of Plant Genomics, 2017, 2017, 1-14.	2.2	17
14	Genome-wide identification of jasmonate biosynthetic genes and characterization of their expression profiles during apple (MalusÂÃ—Âdomestica) fruit maturation. Plant Growth Regulation, 2015, 75, 355-364.	3.4	13
15	Laccase Directed Lignification Is One of the Major Processes Associated With the Defense Response Against Pythium ultimum Infection in Apple Roots. Frontiers in Plant Science, 2021, 12, 629776.	3.6	12
16	The genotype-specific laccase gene expression and lignin deposition patterns in apple root during <i>Pythium ultimum</i> infection. Fruit Research, 2021, 1, 1-9.	2.0	4
17	Transcriptome analysis of transgenic apple fruit overexpressing microRNA172 reveals candidate transcription factors regulating apple fruit development at early stages. PeerJ, 2021, 9, e12675.	2.0	3