

Guoping Liang

List of Publications by Year in descending order

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33
papers

526
citations

687363

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38
all docs

38
docs citations

38
times ranked

470
citing authors

#	ARTICLE	IF	CITATIONS
1	Anthocyanin accumulation correlates with hormones in the fruit skin of "Red Delicious" and its four generation bud sport mutants. <i>BMC Plant Biology</i> , 2018, 18, 363.	3.6	55
2	Whole-genome DNA methylation patterns and complex associations with gene expression associated with anthocyanin biosynthesis in apple fruit skin. <i>Planta</i> , 2019, 250, 1833-1847.	3.2	53
3	Genome-Wide Identification and Expression Analysis of GA2ox, GA3ox, and GA20ox Are Related to Gibberellin Oxidase Genes in Grape (<i>Vitis Vinifera</i> L.). <i>Genes</i> , 2019, 10, 680.	2.4	44
4	Alleviating damage of photosystem and oxidative stress from chilling stress with exogenous zeaxanthin in pepper (<i>Capsicum annuum</i> L.) seedlings. <i>Plant Physiology and Biochemistry</i> , 2021, 162, 395-409.	5.8	36
5	Synthesis of light-inducible and light-independent anthocyanins regulated by specific genes in grape "Marselan" (<i>V. vinifera</i> L.). <i>PeerJ</i> , 2019, 7, e6521.	2.0	31
6	Transcriptome and Metabolite Conjoint Analysis Reveals that Exogenous Methyl Jasmonate Regulates Monoterpene Synthesis in Grape Berry Skin. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5270-5281.	5.2	29
7	Elevated CO ₂ concentration promotes photosynthesis of grape (<i>Vitis vinifera</i> L. cv. "Pinot noir") plantlet in vitro by regulating RbcS and Rca revealed by proteomic and transcriptomic profiles. <i>BMC Plant Biology</i> , 2019, 19, 42.	3.6	28
8	Genome-wide annotation and expression responses to biotic stresses of the WALL-ASSOCIATED KINASE - RECEPTOR-LIKE KINASE (WAK-RLK) gene family in Apple (<i>Malus domestica</i>). <i>European Journal of Plant Pathology</i> , 2019, 153, 771-785.	1.7	20
9	Genome-Wide Analysis of the Apple (<i>Malus domestica</i>) Cysteine-Rich Receptor-Like Kinase (CRK) Family: Annotation, Genomic Organization, and Expression Profiles in Response to Fungal Infection. <i>Plant Molecular Biology Reporter</i> , 2020, 38, 14-24.	1.8	20
10	Identification and expression analysis of the small auxin-up RNA (SAUR) gene family in apple by inducing of auxin. <i>Gene</i> , 2020, 750, 144725.	2.2	20
11	The Changes in Color, Soluble Sugars, Organic Acids, Anthocyanins and Aroma Components in "Starkrimson" during the Ripening Period in China. <i>Molecules</i> , 2016, 21, 812.	3.8	18
12	Transcriptome analysis revealed glucose application affects plant hormone signal transduction pathway in "Red Globe" grape plantlets. <i>Plant Growth Regulation</i> , 2018, 84, 45-56.	3.4	18
13	Genome-Wide Identification and Expression Analysis of the CrRLK1L Gene Family in Apple (<i>Malus</i>) Tj ETQq1 1 0.784314 rgBT /Overloc	1.8	18
14	Different exogenous sugars affect the hormone signal pathway and sugar metabolism in "Red Globe" (<i>Vitis vinifera</i> L.) plantlets grown in vitro as shown by transcriptomic analysis. <i>Planta</i> , 2017, 246, 537-552.	3.2	15
15	Significant and unique changes in phosphorylation levels of four phosphoproteins in two apple rootstock genotypes under drought stress. <i>Molecular Genetics and Genomics</i> , 2017, 292, 1307-1322.	2.1	13
16	Genome-wide identification of BAM genes in grapevine (<i>Vitis vinifera</i> L.) and ectopic expression of VvBAM1 modulating soluble sugar levels to improve low-temperature tolerance in tomato. <i>BMC Plant Biology</i> , 2021, 21, 156.	3.6	13
17	Genome-wide characterization and expression analyses of the auxin/indole-3-acetic acid (Aux/IAA) gene family in apple (<i>Malus domestica</i>). <i>Gene</i> , 2021, 768, 145302.	2.2	11
18	Cyclic nucleotide gated channel genes (CNGCs) in Rosaceae: genome-wide annotation, evolution and the roles on Valsa canker resistance. <i>Plant Cell Reports</i> , 2021, 40, 2369-2382.	5.6	10

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19	Temperature-phase transcriptomics reveals that hormones and sugars in the phloem of grape participate in tolerance during cold acclimation. <i>Plant Cell Reports</i> , 2022, 41, 1357-1373.	5.6	10
20	Effects of Shading on the Synthesis of Volatile Organic Compounds in "Marselan"™ Grape Berries (<i>Vitis</i> Tj ETQq0 0 0 rgBT /Overlock	9.1	9
21	A Novel Identification Method for Apple (<i>Malus domestica</i> Borkh.) Cultivars Based on a Deep Convolutional Neural Network with Leaf Image Input. <i>Symmetry</i> , 2020, 12, 217.	2.2	9
22	MYB_SH[AL]QKY[RF] transcription factors <i>MdLUX</i> and <i>MdPCL-like</i> promote anthocyanin accumulation through DNA hypomethylation and <i>MdF3H</i> activation in apple. <i>Tree Physiology</i> , 2021, 41, 836-848.	3.1	7
23	RNA sequencing analysis provides new insights into dynamic molecular responses to <i>Valsa mali</i> pathogenicity in apple "Changfu No. 2"™. <i>Tree Genetics and Genomes</i> , 2018, 14, 1.	1.6	6
24	Genome-wide identification and expression analysis of the EXO70 gene family in grape (<i>Vitis</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	2.0	6
25	Identification and expression analysis of the AHL gene family in grape (<i>Vitis vinifera</i>). <i>Plant Gene</i> , 2021, 26, 100285.	2.3	6
26	Effects of CEPA and 1-MCP on Flower Bud Differentiation of Apple cv. "Nagafu No.2"™ Grafted on Different Rootstocks. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 842-854.	5.1	5
27	Insight into VvGH3 genes evolutionary relationship from monocotyledons and dicotyledons reveals that VvGH3-9 negatively regulates the drought tolerance in transgenic Arabidopsis. <i>Plant Physiology and Biochemistry</i> , 2022, 172, 70-86.	5.8	4
28	Exogenous ABA and its inhibitor regulate flower bud induction of apple cv. "Nagafu No. 2"™ grafted on different rootstocks. <i>Trees - Structure and Function</i> , 2021, 35, 609-620.	1.9	3
29	Thin layer drying kinetics and quality dynamics of persimmon (<i>Diospyros kaki</i>) treated with preservatives and solar dried under different temperatures. <i>PLoS ONE</i> , 2022, 17, e0265111.	2.5	3
30	Genome-wide Identification and Characterization of the Strawberry (<i>Fragaria Vesca</i>) FvAP2/ERF Gene Family in Abiotic Stress. <i>Plant Molecular Biology Reporter</i> , 2022, 40, 646-660.	1.8	3
31	Transcriptomic Analysis Revealed Hormone-Related and Receptor-Like Kinase Genes Involved in Wound Healing of "Duli"™ and its Resistance to <i>Valsa Pyri</i> . <i>Plant Molecular Biology Reporter</i> , 0, , 1.	1.8	1
32	Genome-wide annotation and expression responses to biotic stresses of the WALL-ASSOCIATED KINASE - RECEPTOR-LIKE KINASE (WAK-RLK) gene family in Apple (<i>Malus domestica</i>). , 2019, 153, 771.		1
33	Comparative Proteomics Reveals the Difference in Root Cold Resistance between <i>Vitis riparia</i> &— <i>V. labrusca</i> and Cabernet Sauvignon in Response to Freezing Temperature. <i>Plants</i> , 2022, 11, 971.	3.5	1