

# Yuan-Yuan Li

## List of Publications by Citations

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147  
papers

4,347  
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38  
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60  
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152  
ext. papers

6,511  
ext. citations

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L-index

#	Paper	IF	Citations
147	The bHLH transcription factor MdbHLH3 promotes anthocyanin accumulation and fruit colouration in response to low temperature in apples. <i>Plant, Cell and Environment</i> , <b>2012</b> , 35, 1884-97	8.4	352
146	MdCOP1 ubiquitin E3 ligases interact with MdMYB1 to regulate light-induced anthocyanin biosynthesis and red fruit coloration in apple. <i>Plant Physiology</i> , <b>2012</b> , 160, 1011-22	6.6	263
145	MdMYB9 and MdMYB11 are involved in the regulation of the JA-induced biosynthesis of anthocyanin and proanthocyanidin in apples. <i>Plant and Cell Physiology</i> , <b>2015</b> , 56, 650-62	4.9	165
144	MdMYB1 Regulates Anthocyanin and Malate Accumulation by Directly Facilitating Their Transport into Vacuoles in Apples. <i>Plant Physiology</i> , <b>2016</b> , 170, 1315-30	6.6	141
143	The bZIP transcription factor MdHY5 regulates anthocyanin accumulation and nitrate assimilation in apple. <i>Horticulture Research</i> , <b>2017</b> , 4, 17023	7.7	117
142	The cold-induced basic helix-loop-helix transcription factor gene MdCibHLH1 encodes an ICE-like protein in apple. <i>BMC Plant Biology</i> , <b>2012</b> , 12, 22	5.3	116
141	Apple bZIP transcription factor MdbZIP44 regulates abscisic acid-promoted anthocyanin accumulation. <i>Plant, Cell and Environment</i> , <b>2018</b> , 41, 2678-2692	8.4	91
140	Transcription Factor AREB2 Is Involved in Soluble Sugar Accumulation by Activating Sugar Transporter and Amylase Genes. <i>Plant Physiology</i> , <b>2017</b> , 174, 2348-2362	6.6	90
139	EIN3-LIKE1, MYB1, and ETHYLENE RESPONSE FACTOR3 Act in a Regulatory Loop That Synergistically Modulates Ethylene Biosynthesis and Anthocyanin Accumulation. <i>Plant Physiology</i> , <b>2018</b> , 178, 808-823	6.6	90
138	R2R3-MYB transcription factor MdMYB23 is involved in the cold tolerance and proanthocyanidin accumulation in apple. <i>Plant Journal</i> , <b>2018</b> , 96, 562-577	6.9	88
137	An apple MYB transcription factor regulates cold tolerance and anthocyanin accumulation and undergoes MIEL1-mediated degradation. <i>Plant Biotechnology Journal</i> , <b>2020</b> , 18, 337-353	11.6	75
136	Glucose Sensor MdHXX1 Phosphorylates and Stabilizes MdbHLH3 to Promote Anthocyanin Biosynthesis in Apple. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006273	6	74
135	Overexpression of MdSOS2L1, a CIPK protein kinase, increases the antioxidant metabolites to enhance salt tolerance in apple and tomato. <i>Physiologia Plantarum</i> , <b>2016</b> , 156, 201-214	4.6	74
134	MdSnRK1.1 interacts with MdJAZ18 to regulate sucrose-induced anthocyanin and proanthocyanidin accumulation in apple. <i>Journal of Experimental Botany</i> , <b>2017</b> , 68, 2977-2990	7	72
133	Overexpression of a R2R3 MYB gene MdSIMYB1 increases tolerance to multiple stresses in transgenic tobacco and apples. <i>Physiologia Plantarum</i> , <b>2014</b> , 150, 76-87	4.6	69
132	Molecular cloning and functional characterization of a novel apple MdCIPK6L gene reveals its involvement in multiple abiotic stress tolerance in transgenic plants. <i>Plant Molecular Biology</i> , <b>2012</b> , 79, 123-35	4.6	69
131	The molecular cloning and functional characterization of MdMYC2, a bHLH transcription factor in apple. <i>Plant Physiology and Biochemistry</i> , <b>2016</b> , 108, 24-31	5.4	69

130	The enhancement of tolerance to salt and cold stresses by modifying the redox state and salicylic acid content via the cytosolic malate dehydrogenase gene in transgenic apple plants. <i>Plant Biotechnology Journal</i> , <b>2016</b> , 14, 1986-97	11.6	67
129	The ERF transcription factor MdERF38 promotes drought stress-induced anthocyanin biosynthesis in apple. <i>Plant Journal</i> , <b>2020</b> , 101, 573-589	6.9	65
128	Ubiquitination-Related MdbT Scaffold Proteins Target a bHLH Transcription Factor for Iron Homeostasis. <i>Plant Physiology</i> , <b>2016</b> , 172, 1973-1988	6.6	64
127	Overexpression of MdbHLH104 gene enhances the tolerance to iron deficiency in apple. <i>Plant Biotechnology Journal</i> , <b>2016</b> , 14, 1633-45	11.6	62
126	MdWRKY40 promotes wounding-induced anthocyanin biosynthesis in association with MdMYB1 and undergoes MdbT2-mediated degradation. <i>New Phytologist</i> , <b>2019</b> , 224, 380-395	9.8	59
125	The Nitrate-Responsive Protein MdbT2 Regulates Anthocyanin Biosynthesis by Interacting with the MdMYB1 Transcription Factor. <i>Plant Physiology</i> , <b>2018</b> , 178, 890-906	6.6	58
124	The functions of an apple cytosolic malate dehydrogenase gene in growth and tolerance to cold and salt stresses. <i>Plant Physiology and Biochemistry</i> , <b>2011</b> , 49, 257-64	5.4	56
123	The R2R3-MYB transcription factor MdMYB73 is involved in malate accumulation and vacuolar acidification in apple. <i>Plant Journal</i> , <b>2017</b> , 91, 443-454	6.9	55
122	The R2R3 MYB transcription factor MdMYB30 modulates plant resistance against pathogens by regulating cuticular wax biosynthesis. <i>BMC Plant Biology</i> , <b>2019</b> , 19, 362	5.3	53
121	MdBBX22 regulates UV-B-induced anthocyanin biosynthesis through regulating the function of MdHY5 and is targeted by MdbT2 for 26S proteasome-mediated degradation. <i>Plant Biotechnology Journal</i> , <b>2019</b> , 17, 2231-2233	11.6	47
120	The SUMO E3 Ligase MdsIZ1 Targets MdbHLH104 to Regulate Plasma Membrane H-ATPase Activity and Iron Homeostasis. <i>Plant Physiology</i> , <b>2019</b> , 179, 88-106	6.6	45
119	An apple NAC transcription factor negatively regulates cold tolerance via CBF-dependent pathway. <i>Journal of Plant Physiology</i> , <b>2018</b> , 221, 74-80	3.6	44
118	Apple AP2/EREBP transcription factor MdSHINE2 confers drought resistance by regulating wax biosynthesis. <i>Planta</i> , <b>2019</b> , 249, 1627-1643	4.7	43
117	Molecular cloning and functional characterization of MdsOS2 reveals its involvement in salt tolerance in apple callus and Arabidopsis. <i>Plant Cell Reports</i> , <b>2012</b> , 31, 713-22	5.1	43
116	The small ubiquitin-like modifier E3 ligase MdsIZ1 promotes anthocyanin accumulation by sumoylating MdMYB1 under low-temperature conditions in apple. <i>Plant, Cell and Environment</i> , <b>2017</b> , 40, 2068-2080	8.4	42
115	An apple sucrose transporter MdsUT2.2 is a phosphorylation target for protein kinase MdCIPK22 in response to drought. <i>Plant Biotechnology Journal</i> , <b>2019</b> , 17, 625-637	11.6	42
114	An apple CIPK protein kinase targets a novel residue of AREB transcription factor for ABA-dependent phosphorylation. <i>Plant, Cell and Environment</i> , <b>2017</b> , 40, 2207-2219	8.4	42
113	The regulatory module MdPUB29-MdbHLH3 connects ethylene biosynthesis with fruit quality in apple. <i>New Phytologist</i> , <b>2019</b> , 221, 1966-1982	9.8	42

112	An apple NAC transcription factor enhances salt stress tolerance by modulating the ethylene response. <i>Physiologia Plantarum</i> , <b>2018</b> , 164, 279-289	4.6	41
111	How do anthocyanins paint our horticultural products?. <i>Scientia Horticulturae</i> , <b>2019</b> , 249, 257-262	4.1	39
110	MdbHLH93, an apple activator regulating leaf senescence, is regulated by ABA and MdbT2 in antagonistic ways. <i>New Phytologist</i> , <b>2019</b> , 222, 735-751	9.8	39
109	The Glucose Sensor MdHXK1 Phosphorylates a Tonoplast Na/H Exchanger to Improve Salt Tolerance. <i>Plant Physiology</i> , <b>2018</b> , 176, 2977-2990	6.6	37
108	A CIPK protein kinase targets sucrose transporter MdSUT2.2 at Ser for phosphorylation to enhance salt tolerance. <i>Plant, Cell and Environment</i> , <b>2019</b> , 42, 918-930	8.4	36
107	Molecular cloning and functional analysis of a blue light receptor gene MdCRY2 from apple ( <i>Malus domestica</i> ). <i>Plant Cell Reports</i> , <b>2013</b> , 32, 555-66	5.1	36
106	MdHY5 positively regulates cold tolerance via CBF-dependent and CBF-independent pathways in apple. <i>Journal of Plant Physiology</i> , <b>2017</b> , 218, 275-281	3.6	35
105	Dynamic regulation of anthocyanin biosynthesis at different light intensities by the BT2-TCP46-MYB1 module in apple. <i>Journal of Experimental Botany</i> , <b>2020</b> , 71, 3094-3109	7	35
104	Ectopic expression of the apple Md-miRNA156h gene regulates flower and fruit development in Arabidopsis. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2013</b> , 112, 343-351	2.7	33
103	Apple RING E3 ligase MdMIEL1 inhibits anthocyanin accumulation by ubiquitinating and degrading MdMYB1 protein. <i>Plant and Cell Physiology</i> , <b>2017</b> , 58, 1953-1962	4.9	29
102	Molecular cloning and functional analysis of a UV-B photoreceptor gene, MdUVR8 (UV Resistance Locus 8), from apple. <i>Plant Science</i> , <b>2016</b> , 247, 115-26	5.3	28
101	Chrysanthemum MADS-box transcription factor CmANR1 modulates lateral root development via homo-/heterodimerization to influence auxin accumulation in Arabidopsis. <i>Plant Science</i> , <b>2018</b> , 266, 27-36 <sup>3</sup>	5.3	27
100	An Apple B-Box Protein MdBBX37 Modulates Anthocyanin Biosynthesis and Hypocotyl Elongation Synergistically with MdMYBs and MdHY5. <i>Plant and Cell Physiology</i> , <b>2020</b> , 61, 130-143	4.9	27
99	A Neighboring Aromatic-Aromatic Amino Acid Combination Governs Activity Divergence between Tomato Phytoene Synthases. <i>Plant Physiology</i> , <b>2019</b> , 180, 1988-2003	6.6	26
98	MdGRF11, an apple 14-3-3 protein, acts as a positive regulator of drought and salt tolerance. <i>Plant Science</i> , <b>2019</b> , 288, 110219	5.3	25
97	An Apple Protein Kinase MdSnRK1.1 Interacts with MdCAIP1 to Regulate ABA Sensitivity. <i>Plant and Cell Physiology</i> , <b>2017</b> , 58, 1631-1641	4.9	25
96	Genome-wide identification and expression analysis of the bZIP gene family in apple ( <i>Malus domestica</i> ). <i>Tree Genetics and Genomes</i> , <b>2016</b> , 12, 1	2.1	25
95	Genome-wide identification and characterization of apple long-chain Acyl-CoA synthetases and expression analysis under different stresses. <i>Plant Physiology and Biochemistry</i> , <b>2018</b> , 132, 320-332	5.4	25

94	Apple F-Box Protein MdMAX2 Regulates Plant Photomorphogenesis and Stress Response. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 1685	6.2	22
93	Cloning and elucidation of the functional role of apple MdLBD13 in anthocyanin biosynthesis and nitrate assimilation. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2017</b> , 130, 47-59	2.7	21
92	Functional identification of MdsIZ1 as a SUMO E3 ligase in apple. <i>Journal of Plant Physiology</i> , <b>2016</b> , 198, 69-80	3.6	21
91	Molecular cloning and functional characterization of the apple sucrose transporter gene MdSUT2. <i>Plant Physiology and Biochemistry</i> , <b>2016</b> , 109, 442-451	5.4	20
90	The MdWRKY31 transcription factor binds to the promoter to mediate ABA sensitivity. <i>Horticulture Research</i> , <b>2019</b> , 6, 66	7.7	19
89	MdCER2 conferred to wax accumulation and increased drought tolerance in plants. <i>Plant Physiology and Biochemistry</i> , <b>2020</b> , 149, 277-285	5.4	19
88	BTB protein MdBT2 inhibits anthocyanin and proanthocyanidin biosynthesis by triggering MdMYB9 degradation in apple. <i>Tree Physiology</i> , <b>2018</b> , 38, 1578-1587	4.2	19
87	Molecular cloning of cryptochrome 1 from apple and its functional characterization in Arabidopsis. <i>Plant Physiology and Biochemistry</i> , <b>2013</b> , 67, 169-77	5.4	19
86	The apple U-box E3 ubiquitin ligase MdPUB29 contributes to activate plant immune response to the fungal pathogen <i>Botryosphaeria dothidea</i> . <i>Planta</i> , <b>2019</b> , 249, 1177-1188	4.7	19
85	MdWRKY15 improves resistance of apple to <i>Botryosphaeria dothidea</i> via the salicylic acid-mediated pathway by directly binding the MdICS1 promoter. <i>Journal of Integrative Plant Biology</i> , <b>2020</b> , 62, 527-543	8.3	18
84	Apple B-box protein BBX37 regulates jasmonic acid mediated cold tolerance through the JAZ-BBX37-ICE1-CBF pathway and undergoes MIEL1-mediated ubiquitination and degradation. <i>New Phytologist</i> , <b>2021</b> , 229, 2707-2729	9.8	18
83	Polycomb-group protein SLMS1 represses the expression of fruit-ripening genes to prolong shelf life in tomato. <i>Scientific Reports</i> , <b>2016</b> , 6, 31806	4.9	17
82	Apple ethylene response factor MdERF11 confers resistance to fungal pathogen <i>Botryosphaeria dothidea</i> . <i>Plant Science</i> , <b>2020</b> , 291, 110351	5.3	17
81	Isolation and functional identification of an apple MdCER1 gene. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2019</b> , 136, 1-13	2.7	17
80	The apple bHLH transcription factor MdbHLH3 functions in determining the fruit carbohydrates and malate. <i>Plant Biotechnology Journal</i> , <b>2021</b> , 19, 285-299	11.6	17
79	Ectopic expression of the apple nucleus-encoded thylakoid protein MdY3IP1 triggers early-flowering and enhanced salt-tolerance in <i>Arabidopsis thaliana</i> . <i>BMC Plant Biology</i> , <b>2018</b> , 18, 18	5.3	16
78	Functional identification of apple MdJAZ2 in <i>Arabidopsis</i> with reduced JA-sensitivity and increased stress tolerance. <i>Plant Cell Reports</i> , <b>2017</b> , 36, 255-265	5.1	16
77	MdMYB58 Modulates Fe Homeostasis by Directly Binding to the MdMATE43 Promoter in Plants. <i>Plant and Cell Physiology</i> , <b>2018</b> , 59, 2476-2489	4.9	16

76	Functional identification of MdPIF1 as a Phytochrome Interacting Factor in Apple. <i>Plant Physiology and Biochemistry</i> , <b>2017</b> , 119, 178-188	5.4	15
75	Molecular Cloning and Functional Analysis of UV RESISTANCE LOCUS 8 (PeUVR8) from <i>Populus euphratica</i> . <i>PLoS ONE</i> , <b>2015</b> , 10, e0132390	3.7	15
74	Apple MdERF4 negatively regulates salt tolerance by inhibiting MdERF3 transcription. <i>Plant Science</i> , <b>2018</b> , 276, 181-188	5.3	15
73	Ectopic expression of the apple Md-miR172e gene alters flowering time and floral organ identity in <i>Arabidopsis</i> . <i>Plant Cell, Tissue and Organ Culture</i> , <b>2015</b> , 123, 535-546	2.7	14
72	MdWRKY46-Enhanced Apple Resistance to by Activating the Expression of in the Salicylic Acid Signaling Pathway. <i>Molecular Plant-Microbe Interactions</i> , <b>2019</b> , 32, 1391-1401	3.6	14
71	ABI5 regulates ABA-induced anthocyanin biosynthesis by modulating the MYB1-bHLH3 complex in apple. <i>Journal of Experimental Botany</i> , <b>2021</b> , 72, 1460-1472	7	14
70	BTB-BACK Domain E3 Ligase MdPOB1 Suppresses Plant Pathogen Defense against <i>Botryosphaeria dothidea</i> by Ubiquitinating and Degrading MdPUB29 Protein in Apple. <i>Plant and Cell Physiology</i> , <b>2019</b> , 60, 2129-2140	4.9	13
69	<i>Arabidopsis</i> YL1/BPG2 Is Involved in Seedling Shoot Response to Salt Stress through ABI4. <i>Scientific Reports</i> , <b>2016</b> , 6, 30163	4.9	13
68	Ectopic overexpression of <i>Arabidopsis</i> AtmiR393a gene changes auxin sensitivity and enhances salt resistance in tobacco. <i>Acta Physiologiae Plantarum</i> , <b>2010</b> , 32, 997-1003	2.6	13
67	Cloning and functional identification of a strigolactone receptor gene MdD14 in apple. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2020</b> , 140, 197-208	2.7	13
66	Genome wide analysis and functional identification of MdKCS genes in apple. <i>Plant Physiology and Biochemistry</i> , <b>2020</b> , 151, 299-312	5.4	12
65	BTB-TAZ Domain Protein MdBT2 Modulates Malate Accumulation and Vacuolar Acidification in Response to Nitrate. <i>Plant Physiology</i> , <b>2020</b> , 183, 750-764	6.6	12
64	MdSOS2L1 phosphorylates MdVHA-B1 to modulate malate accumulation in response to salinity in apple. <i>Plant Cell Reports</i> , <b>2016</b> , 35, 705-18	5.1	12
63	The ectopic expression of apple MYB1 and bHLH3 differentially activates anthocyanin biosynthesis in tobacco. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2017</b> , 131, 183-194	2.7	12
62	BTB/TAZ protein MdBT2 integrates multiple hormonal and environmental signals to regulate anthocyanin biosynthesis in apple. <i>Journal of Integrative Plant Biology</i> , <b>2020</b> , 62, 1643-1646	8.3	12
61	Ectopic expression of an apple cytochrome P450 gene MdCYPM1 negatively regulates plant photomorphogenesis and stress response in <i>Arabidopsis</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 483, 1-9	3.4	11
60	The basic helix-loop-helix transcription factor MdbHLH3 modulates leaf senescence in apple via the regulation of. <i>Horticulture Research</i> , <b>2020</b> , 7, 50	7.7	11
59	An apple long-chain acyl-CoA synthetase 2 gene enhances plant resistance to abiotic stress by regulating the accumulation of cuticular wax. <i>Tree Physiology</i> , <b>2020</b> , 40, 1450-1465	4.2	11

58	MdHIR4 transcription and translation levels associated with disease in apple are regulated by MdWRKY31. <i>Plant Molecular Biology</i> , <b>2019</b> , 101, 149-162	4.6	11
57	The apple C2H2-type zinc finger transcription factor MdZAT10 positively regulates JA-induced leaf senescence by interacting with MdbT2. <i>Horticulture Research</i> , <b>2021</b> , 8, 159	7.7	11
56	Apple RING finger E3 ubiquitin ligase MdMIEL1 negatively regulates salt and oxidative stresses tolerance <b>2017</b> , 60, 137-145		10
55	Agronomic Characteristics and Chemical Composition of Newly Developed Day-Neutral Strawberry Lines by Agriculture and Agri-Food Canada. <i>International Journal of Food Properties</i> , <b>2010</b> , 13, 1234-1243 <sup>3</sup>		10
54	Advances in Biosynthesis, Regulation, and Function of Apple Cuticular Wax. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 1165	6.2	10
53	BTB-BACK-TAZ domain protein MdbT2-mediated MdMYB73 ubiquitination negatively regulates malate accumulation and vacuolar acidification in apple. <i>Horticulture Research</i> , <b>2020</b> , 7, 151	7.7	10
52	Ectopic overexpression of AtmiR398b gene in tobacco influences seed germination and seedling growth. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2010</b> , 102, 53-59	2.7	9
51	Apple SUMO E3 ligase MdSIZ1 is involved in the response to phosphate deficiency. <i>Journal of Plant Physiology</i> , <b>2019</b> , 232, 216-225	3.6	9
50	MdABI5 works with its interaction partners to regulate abscisic acid-mediated leaf senescence in apple. <i>Plant Journal</i> , <b>2021</b> , 105, 1566-1581	6.9	9
49	MdHIR proteins repress anthocyanin accumulation by interacting with the MdJAZ2 protein to inhibit its degradation in apples. <i>Scientific Reports</i> , <b>2017</b> , 7, 44484	4.9	8
48	Identification of Phytochrome-Interacting Factor Family Members and Functional Analysis of in. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	8
47	Functional identification of apple MdMYB2 gene in phosphate-starvation response. <i>Journal of Plant Physiology</i> , <b>2020</b> , 244, 153089	3.6	8
46	Auxin regulates anthocyanin biosynthesis through the auxin repressor protein MdIAA26. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 533, 717-722	3.4	8
45	Functional identification of apple on MdHIR4 in biotic stress. <i>Plant Science</i> , <b>2019</b> , 283, 396-406	5.3	8
44	Identification and functional characterization of MdPIF3 in response to cold and drought stress in <i>Malus domestica</i> . <i>Plant Cell, Tissue and Organ Culture</i> , <b>2021</b> , 144, 435-447	2.7	8
43	The apple 14-3-3 protein MdGRF11 interacts with the BTB protein MdbT2 to regulate nitrate deficiency-induced anthocyanin accumulation. <i>Horticulture Research</i> , <b>2021</b> , 8, 22	7.7	8
42	An apple long-chain acyl-CoA synthetase, MdLACS4, induces early flowering and enhances abiotic stress resistance in <i>Arabidopsis</i> . <i>Plant Science</i> , <b>2020</b> , 297, 110529	5.3	7
41	Genome-wide analysis and identification of the SMXL gene family in apple ( <i>Malus domestica</i> ). <i>Tree Genetics and Genomes</i> , <b>2018</b> , 14, 1	2.1	7

40	Molecular cloning and functional characterization of the Aluminum-activated malate transporter gene MdALMT14. <i>Scientia Horticulturae</i> , <b>2019</b> , 244, 208-217	4.1	7
39	Review: The effects of hormones and environmental factors on anthocyanin biosynthesis in apple. <i>Plant Science</i> , <b>2021</b> , 312, 111024	5.3	7
38	Phosphate regulates malate/citrate-mediated iron uptake and transport in apple. <i>Plant Science</i> , <b>2020</b> , 297, 110526	5.3	6
37	Jasmonate induces biosynthesis of anthocyanin and proanthocyanidin in apple by mediating the JAZ1-TRB1-MYB9 complex. <i>Plant Journal</i> , <b>2021</b> , 106, 1414-1430	6.9	6
36	Apple BT2 protein negatively regulates jasmonic acid-triggered leaf senescence by modulating the stability of MYC2 and JAZ2. <i>Plant, Cell and Environment</i> , <b>2021</b> , 44, 216-233	8.4	6
35	Apple MdSAT1 encodes a bHLHm1 transcription factor involved in salinity and drought responses. <i>Planta</i> , <b>2021</b> , 253, 46	4.7	6
34	Ectopic expression of the apple mhgai2 gene brings about GA-insensitive phenotypes in tomatoes. <i>Acta Physiologiae Plantarum</i> , <b>2012</b> , 34, 2369-2377	2.6	5
33	Genome-Wide Identification of Apple Ubiquitin SINA E3 Ligase and Functional Characterization of MdSINA2. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 1109	6.2	5
32	Low nitrate alleviates iron deficiency by regulating iron homeostasis in apple. <i>Plant, Cell and Environment</i> , <b>2021</b> , 44, 1869-1884	8.4	5
31	Phosphorylation of a malate transporter promotes malate excretion and reduces cadmium uptake in apple. <i>Journal of Experimental Botany</i> , <b>2020</b> , 71, 3437-3449	7	4
30	A C2-domain phospholipid-binding protein MdCAIP1 positively regulates salt and osmotic stress tolerance in apple. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2019</b> , 138, 29-39	2.7	4
29	The apple palmitoyltransferase MdPAT16 influences sugar content and salt tolerance via an MdCBL1-MdCIPK13-MdSUT2.2 pathway. <i>Plant Journal</i> , <b>2021</b> , 106, 689-705	6.9	4
28	Apple SUMO E3 ligase MdSIZ1 facilitates SUMOylation of MdARF8 to regulate lateral root formation. <i>New Phytologist</i> , <b>2021</b> , 229, 2206-2222	9.8	4
27	Unraveling a genetic roadmap for improved taste in the domesticated apple. <i>Molecular Plant</i> , <b>2021</b> , 14, 1454-1471	14.4	4
26	Determination of Protein Interactions among Replication Components of Apple Necrotic Mosaic Virus. <i>Viruses</i> , <b>2020</b> , 12,	6.2	3
25	The BTB-TAZ protein MdBT2 negatively regulates the drought stress response by interacting with the transcription factor MdNAC143 in apple. <i>Plant Science</i> , <b>2020</b> , 301, 110689	5.3	3
24	The apple RING-H2 protein MdCIP8 regulates anthocyanin accumulation and hypocotyl elongation by interacting with MdCOP1. <i>Plant Science</i> , <b>2020</b> , 301, 110665	5.3	3
23	Genome-wide analysis of auxin response factor (ARF) genes and functional identification of MdARF2 reveals the involvement in the regulation of anthocyanin accumulation in apple. <i>New Zealand Journal of Crop and Horticultural Science</i> , <b>2021</b> , 49, 78-91	0.9	3



22	R2R3-MYB Transcription Factor MdMYB73 Confers Increased Resistance to the Fungal Pathogen in Apples the Salicylic Acid Pathway. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 447-458	5.7	3
21	Molecular cloning and functional identification of an apple flagellin receptor MdFLS2 gene. <i>Journal of Integrative Agriculture</i> , <b>2018</b> , 17, 2694-2703	3.2	3
20	Unreduced embryo sacs escape fertilization via a female-late-on-date strategy to produce clonal seeds in apomictic crabapples. <i>Scientia Horticulturae</i> , <b>2014</b> , 167, 76-83	4.1	2
19	Phytochrome interacting factor MdPIF7 modulates anthocyanin biosynthesis and hypocotyl growth in apple.. <i>Plant Physiology</i> , <b>2022</b> ,	6.6	2
18	Apple receptor-like kinase FERONIA regulates salt tolerance and ABA sensitivity in <i>Malus domestica</i> .. <i>Journal of Plant Physiology</i> , <b>2022</b> , 270, 153616	3.6	2
17	The ankyrin repeat-containing protein MdANK2B regulates salt tolerance and ABA sensitivity in <i>Malus domestica</i> . <i>Plant Cell Reports</i> , <b>2021</b> , 40, 405-419	5.1	2
16	NIN-like protein 7 promotes nitrate-mediated lateral root development by activating transcription of TRYPTOPHAN AMINOTRANSFERASE RELATED 2. <i>Plant Science</i> , <b>2021</b> , 303, 110771	5.3	2
15	MdCIB1, an apple bHLH transcription factor, plays a positive regulator in response to drought stress. <i>Environmental and Experimental Botany</i> , <b>2021</b> , 188, 104523	5.9	2
14	Nitrate-inducible MdbT2 acts as a restriction factor to limit apple necrotic mosaic virus genome replication in <i>Malus domestica</i> . <i>Molecular Plant Pathology</i> , <b>2021</b> ,	5.7	1
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12	Molecular cloning and functional characterization of the CEP RECEPTOR 1 gene MdCEPR1 of Apple ( <i>Malus domestica</i> ). <i>Plant Cell, Tissue and Organ Culture</i> , <b>2020</b> , 140, 539-550	2.7	1
11	A basic/helix-loop-helix transcription factor controls leaf shape by regulating auxin signaling in apple. <i>New Phytologist</i> , <b>2020</b> , 228, 1897-1913	9.8	1
10	MdBZR1 regulates ABA response by modulating the expression of MdABI5 in apple. <i>Plant Cell Reports</i> , <b>2021</b> , 40, 1127-1139	5.1	1
9	The apple MdCOP1-interacting protein 1 negatively regulates hypocotyl elongation and anthocyanin biosynthesis. <i>BMC Plant Biology</i> , <b>2021</b> , 21, 15	5.3	1
8	Interaction of BTB-TAZ protein MdbT2 and DELLA protein MdRGL3a regulates nitrate-mediated plant growth. <i>Plant Physiology</i> , <b>2021</b> , 186, 750-766	6.6	1
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6	Identification and functional analysis of the MdLTPG gene family in apple. <i>Plant Physiology and Biochemistry</i> , <b>2021</b> , 163, 338-347	5.4	0
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