Yuan-Yuan Li

List of Publications by Year
in descending order

150 papers	8,071 citations	50244 46 h-index	62565 80 g-index
152 all docs	152 docs citations	152 times ranked	4384 citing authors

#	Article	IF	Citations
1	The bHLH transcription factor MdbHLH3 promotes anthocyanin accumulation and fruit colouration in response to low temperature in apples. Plant, Cell and Environment, 2012, 35, 1884-1897.	2.8	525
2	MdCOP1 Ubiquitin E3 Ligases Interact with MdMYB1 to Regulate Light-Induced Anthocyanin Biosynthesis and Red Fruit Coloration in Apple Â Â. Plant Physiology, 2012, 160, 1011-1022.	2.3	381
3	MdMYB9 and MdMYB11 are Involved in the Regulation of the JA-Induced Biosynthesis of Anthocyanin and Proanthocyanidin in Apples. Plant and Cell Physiology, 2015, 56, 650-662.	1.5	264
4	The bZIP transcription factor MdHY5 regulates anthocyanin accumulation and nitrate assimilation in apple. Horticulture Research, 2017, 4, 17023.	2.9	216
5	MdMYB1 Regulates Anthocyanin and Malate Accumulation by Directly Facilitating Their Transport into Vacuoles in Apples. Plant Physiology, 2016, 170, 1315-1330.	2.3	203
6	An apple MYB transcription factor regulates cold tolerance and anthocyanin accumulation and undergoes MIEL1â€mediated degradation. Plant Biotechnology Journal, 2020, 18, 337-353.	4.1	198
7	EIN3-LIKE1, MYB1, and ETHYLENE RESPONSE FACTOR3 Act in a Regulatory Loop That Synergistically Modulates Ethylene Biosynthesis and Anthocyanin Accumulation. Plant Physiology, 2018, 178, 808-823.	2.3	191
8	Apple bZIP transcription factor MdbZIP44 regulates abscisic acidâ€promoted anthocyanin accumulation. Plant, Cell and Environment, 2018, 41, 2678-2692.	2.8	189
9	The ERF transcription factor MdERF38 promotes drought stressâ€induced anthocyanin biosynthesis in apple. Plant Journal, 2020, 101, 573-589.	2.8	181
10	R2R3â€‹<scp>MYB</scp> transcription factor Md<scp>MYB</scp>23 is involved in the cold tolerance and proanthocyanidin accumulation in apple. Plant Journal, 2018, 96, 562-577.	2.8	178
11	The cold-induced basic helix-loop-helix transcription factor gene MdCIbHLH1encodes an ICE-like protein in apple. BMC Plant Biology, 2012, 12, 22.	1.6	162
12	Transcription Factor AREB2 Is Involved in Soluble Sugar Accumulation by Activating Sugar Transporter and Amylase Genes. Plant Physiology, 2017, 174, 2348-2362.	2.3	153
13	Glucose Sensor MdHXK1 Phosphorylates and Stabilizes MdbHLH3 to Promote Anthocyanin Biosynthesis in Apple. PLoS Genetics, 2016, 12, e1006273.	1.5	127
14	Md<scp>WRKY</scp>40 promotes woundingâ€induced anthocyanin biosynthesis in association with Md<scp>MYB</scp>1 and undergoes Md<scp>BT</scp>2â€mediated degradation. New Phytologist, 2019, 224, 380-395.	3.5	121
15	Overexpression of <scp>MdSOS2L1</scp>, a <scp>CIPK</scp> protein kinase, increases the antioxidant metabolites to enhance salt tolerance in apple and tomato. Physiologia Plantarum, 2016, 156, 201-214.	2.6	111
16	The R2R3 MYB transcription factor MdMYB30 modulates plant resistance against pathogens by regulating cuticular wax biosynthesis. BMC Plant Biology, 2019, 19, 362.	1.6	105
17	The Nitrate-Responsive Protein MdBT2 Regulates Anthocyanin Biosynthesis by Interacting with the MdMYB1 Transcription Factor. Plant Physiology, 2018, 178, 890-906.	2.3	102
18	Md<scp>BBX</scp>22 regulates <scp>UV</scp>â€Bâ€induced anthocyanin biosynthesis through regulating the function of Md<scp>HY</scp>5 and is targeted by Md<scp>BT</scp>2 for 26S proteasomeâ€mediated degradation. Plant Biotechnology Journal, 2019, 17, 2231-2233.	4.1	102

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19	MdSnRK1.1 interacts with MdJAZ18 to regulate sucrose-induced anthocyanin and proanthocyanidin accumulation in apple. Journal of Experimental Botany, 2017, 68, 2977-2990.	2.4	101
20	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. Plant Biotechnology Journal, 2016, 14, 1986-1997.	4.1	100
21	Overexpression of <i>Mdb<scp>HLH</scp>104</i> gene enhances theÂtolerance to iron deficiency in apple. Plant Biotechnology Journal, 2016, 14, 1633-1645.	4.1	100
22	The molecular cloning and functional characterization of MdMYC2, a bHLH transcription factor in apple. Plant Physiology and Biochemistry, 2016, 108, 24-31.	2.8	99
23	Overexpression of a <scp>R2R3 MYB</scp> gene <i><scp>MdSIMYB1</scp></i> increases tolerance to multiple stresses in transgenic tobacco and apples. Physiologia Plantarum, 2014, 150, 76-87.	2.6	98
24	The R2R3â€<scp>MYB</scp> transcription factor Md<scp>MYB</scp>73 is involved in malate accumulation and vacuolar acidification in apple. Plant Journal, 2017, 91, 443-454.	2.8	96
25	An apple NAC transcription factor negatively regulates cold tolerance via CBF-dependent pathway. Journal of Plant Physiology, 2018, 221, 74-80.	1.6	93
26	Ubiquitination-Related MdBT Scaffold Proteins Target a bHLH Transcription Factor for Iron Homeostasis. Plant Physiology, 2016, 172, 1973-1988.	2.3	92
27	Molecular cloning and functional characterization of a novel apple MdCIPK6L gene reveals its involvement in multiple abiotic stress tolerance in transgenic plants. Plant Molecular Biology, 2012, 79, 123-135.	2.0	89
28	The regulatory module Md<scp>PUB</scp>29â€Mdb<scp>HLH</scp>3 connects ethylene biosynthesis with fruit quality in apple. New Phytologist, 2019, 221, 1966-1982.	3.5	88
29	Apple Bâ€box protein BBX37 regulates jasmonic acid mediated cold tolerance through the JAZâ€BBX37â€ICE1â€CBF pathway and undergoes MIEL1â€mediated ubiquitination and degradation. New Phytologist, 2021, 229, 2707-2729.	3.5	88
30	An apple NAC transcription factor enhances salt stress tolerance by modulating the ethylene response. Physiologia Plantarum, 2018, 164, 279-289.	2.6	80
31	Apple AP2/EREBP transcription factor MdSHINE2 confers drought resistance by regulating wax biosynthesis. Planta, 2019, 249, 1627-1643.	1.6	80
32	An apple sucrose transporter MdSUT2.2 is a phosphorylation target for protein kinase MdCIPK22 in response to drought. Plant Biotechnology Journal, 2019, 17, 625-637.	4.1	77
33	Mdb<scp>HLH</scp>93, an apple activator regulating leaf senescence, is regulated by <scp>ABA</scp> and Md<scp>BT</scp>2 in antagonistic ways. New Phytologist, 2019, 222, 735-751.	3.5	76
34	The small ubiquitinâ€like modifier E3 ligase MdSIZ1 promotes anthocyanin accumulation by sumoylating MdMYB1 under lowâ€temperature conditions in apple. Plant, Cell and Environment, 2017, 40, 2068-2080.	2.8	75
35	The functions of an apple cytosolic malate dehydrogenase gene in growth and tolerance to cold and salt stresses. Plant Physiology and Biochemistry, 2011, 49, 257-264.	2.8	74
36	Molecular cloning and functional characterization of MdSOS2 reveals its involvement in salt tolerance in apple callus and Arabidopsis. Plant Cell Reports, 2012, 31, 713-722.	2.8	71

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37	The SUMO E3 Ligase MdSIZ1 Targets MdbHLH104 to Regulate Plasma Membrane H⁺-ATPase Activity and Iron Homeostasis. Plant Physiology, 2019, 179, 88-106.	2.3	71
38	An Apple B-Box Protein MdBBX37 Modulates Anthocyanin Biosynthesis and Hypocotyl Elongation Synergistically with MdMYBs and MdHY5. Plant and Cell Physiology, 2020, 61, 130-143.	1.5	70
39	A <scp>CIPK</scp> protein kinase targets sucrose transporter <scp>MdSUT2.2</scp> at <scp>Ser²⁵⁴</scp> for phosphorylation to enhance salt tolerance. Plant, Cell and Environment, 2019, 42, 918-930.	2.8	68
40	ABI5 regulates ABA-induced anthocyanin biosynthesis by modulating the MYB1-bHLH3 complex in apple. Journal of Experimental Botany, 2021, 72, 1460-1472.	2.4	68
41	How do anthocyanins paint our horticultural products?. Scientia Horticulturae, 2019, 249, 257-262.	1.7	66
42	An apple CIPK protein kinase targets a novel residue of AREB transcription factor for ABAâ€dependent phosphorylation. Plant, Cell and Environment, 2017, 40, 2207-2219.	2.8	64
43	Dynamic regulation of anthocyanin biosynthesis at different light intensities by the BT2-TCP46-MYB1 module in apple. Journal of Experimental Botany, 2020, 71, 3094-3109.	2.4	64
44	The Glucose Sensor MdHXK1 Phosphorylates a Tonoplast Na⁺/H⁺ Exchanger to Improve Salt Tolerance. Plant Physiology, 2018, 176, 2977-2990.	2.3	59
45	Genome-wide identification and expression analysis of the bZIP gene family in apple (Malus domestica). Tree Genetics and Genomes, 2016, 12, 1.	0.6	58
46	MdHY5 positively regulates cold tolerance via CBF-dependent and CBF-independent pathways in apple. Journal of Plant Physiology, 2017, 218, 275-281.	1.6	56
47	The apple bHLH transcription factor MdbHLH3 functions in determining the fruit carbohydrates and malate. Plant Biotechnology Journal, 2021, 19, 285-299.	4.1	52
48	A Neighboring Aromatic-Aromatic Amino Acid Combination Governs Activity Divergence between Tomato Phytoene Synthases. Plant Physiology, 2019, 180, 1988-2003.	2.3	50
49	Jasmonate induces biosynthesis of anthocyanin and proanthocyanidin in apple by mediating the JAZ1â€"TRB1â€"MYB9 complex. Plant Journal, 2021, 106, 1414-1430.	2.8	49
50	Molecular cloning and functional analysis of a blue light receptor gene MdCRY2 from apple (Malus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.8	48
51	MdGRF11, an apple 14-3-3 protein, acts as a positive regulator of drought and salt tolerance. Plant Science, 2019, 288, 110219.	1.7	47
52	Unraveling a genetic roadmap for improved taste in the domesticated apple. Molecular Plant, 2021, 14, 1454-1471.	3.9	47
53	Apple RING E3 ligase MdMIEL1 inhibits anthocyanin accumulation by ubiquitinating and degrading MdMYB1 protein. Plant and Cell Physiology, 2017, 58, 1953-1962.	1.5	46
54	Chrysanthemum MADS-box transcription factor CmANR1 modulates lateral root development via homo-/heterodimerization to influence auxin accumulation in Arabidopsis. Plant Science, 2018, 266, 27-36.	1.7	45

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55	The MdWRKY31 transcription factor binds to the MdRAV1 promoter to mediate ABA sensitivity. Horticulture Research, 2019, 6, 66.	2.9	42
56	Review: The effects of hormones and environmental factors on anthocyanin biosynthesis in apple. Plant Science, 2021, 312, 111024.	1.7	42
57	Apple F-Box Protein MdMAX2 Regulates Plant Photomorphogenesis and Stress Response. Frontiers in Plant Science, 2016, 7, 1685.	1.7	41
58	Genome-wide identification and characterization of apple long-chain Acyl-CoA synthetases and expression analysis under different stresses. Plant Physiology and Biochemistry, 2018, 132, 320-332.	2.8	41
59	The apple U-box E3 ubiquitin ligase MdPUB29 contributes to activate plant immune response to the fungal pathogen Botryosphaeria dothidea. Planta, 2019, 249, 1177-1188.	1.6	41
60	MdWRKY15 improves resistance of apple to <i>Botryosphaeria dothidea</i> via the salicylic acidâ€mediated pathway by directly binding the <i>MdICS1</i> promoter. Journal of Integrative Plant Biology, 2020, 62, 527-543.	4.1	40
61	Apple ethylene response factor MdERF11 confers resistance to fungal pathogen Botryosphaeria dothidea. Plant Science, 2020, 291, 110351.	1.7	40
62	Ectopic expression of the apple Md-miRNA156h gene regulates flower and fruit development in Arabidopsis. Plant Cell, Tissue and Organ Culture, 2013, 112, 343-351.	1.2	39
63	The basic helix-loop-helix transcription factor MdbHLH3 modulates leaf senescence in apple via the regulation of dehydratase-enolase-phosphatase complex 1. Horticulture Research, 2020, 7, 50.	2.9	39
64	Molecular cloning and functional analysis of a UV-B photoreceptor gene, MdUVR8 (UV Resistance) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	37
65	MdCER2 conferred to wax accumulation and increased drought tolerance in plants. Plant Physiology and Biochemistry, 2020, 149, 277-285.	2.8	37
66	Molecular cloning and functional characterization of the apple sucrose transporter gene MdSUT2. Plant Physiology and Biochemistry, 2016, 109, 442-451.	2.8	36
67	Cloning and elucidation of the functional role of apple MdLBD13 in anthocyanin biosynthesis and nitrate assimilation. Plant Cell, Tissue and Organ Culture, 2017, 130, 47-59.	1.2	36
68	BTB protein MdBT2 inhibits anthocyanin and proanthocyanidin biosynthesis by triggering MdMYB9 degradation in apple. Tree Physiology, 2018, 38, 1578-1587.	1.4	34
69	An apple long-chain acyl-CoA synthetase 2 gene enhances plant resistance to abiotic stress by regulating the accumulation of cuticular wax. Tree Physiology, 2020, 40, 1450-1465.	1.4	34
70	BTB-TAZ Domain Protein MdBT2 Modulates Malate Accumulation and Vacuolar Acidification in Response to Nitrate. Plant Physiology, 2020, 183, 750-764.	2.3	33
71	Genome wide analysis and functional identification of MdKCS genes in apple. Plant Physiology and Biochemistry, 2020, 151, 299-312.	2.8	32
72	MdABI5 works with its interaction partners to regulate abscisic acidâ€mediated leaf senescence in apple. Plant Journal, 2021, 105, 1566-1581.	2.8	32

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73	The transcription factor MdMYB2 influences cold tolerance and anthocyanin accumulation by activating SUMO E3 ligase MdSIZ1 in apple. Plant Physiology, 2022, 189, 2044-2060.	2.3	32
74	Auxin regulates anthocyanin biosynthesis through the auxin repressor protein MdIAA26. Biochemical and Biophysical Research Communications, 2020, 533, 717-722.	1.0	31
75	Functional identification of MdSIZ1 as a SUMO E3 ligase in apple. Journal of Plant Physiology, 2016, 198, 69-80.	1.6	30
76	Apple MdERF4 negatively regulates salt tolerance by inhibiting MdERF3 transcription. Plant Science, 2018, 276, 181-188.	1.7	30
77	Advances in Biosynthesis, Regulation, and Function of Apple Cuticular Wax. Frontiers in Plant Science, 2020, 11, 1165.	1.7	30
78	Apple <scp>BT2</scp> protein negatively regulates jasmonic acidâ€triggered leaf senescence by modulating the stability of <scp>MYC2</scp> and <scp>JAZ2</scp>. Plant, Cell and Environment, 2021, 44, 216-233.	2.8	30
79	Isolation and functional identification of an apple MdCER1 gene. Plant Cell, Tissue and Organ Culture, 2019, 136, 1-13.	1.2	29
80	BTB/TAZ protein MdBT2 integrates multiple hormonal and environmental signals to regulate anthocyanin biosynthesis in apple. Journal of Integrative Plant Biology, 2020, 62, 1643-1646.	4.1	29
81	R2R3-MYB Transcription Factor MdMYB73 Confers Increased Resistance to the Fungal Pathogen <i>Botryosphaeria dothidea</i> in Apples <i>via</i> the Salicylic Acid Pathway. Journal of Agricultural and Food Chemistry, 2021, 69, 447-458.	2.4	29
82	Functional identification of MdPIF1 as a Phytochrome Interacting Factor in Apple. Plant Physiology and Biochemistry, 2017, 119, 178-188.	2.8	27
83	Molecular cloning of cryptochrome 1 from apple and its functional characterization in Arabidopsis. Plant Physiology and Biochemistry, 2013, 67, 169-177.	2.8	26
84	Apple RING finger E3 ubiquitin ligase MdMIEL1 negatively regulates salt and oxidative stresses tolerance. Journal of Plant Biology, 2017, 60, 137-145.	0.9	26
85	An Apple Protein Kinase MdSnRK1.1 Interacts with MdCAIP1 to Regulate ABA Sensitivity. Plant and Cell Physiology, 2017, 58, 1631-1641.	1.5	26
86	The apple C2H2-type zinc finger transcription factor MdZAT10 positively regulates JA-induced leaf senescence by interacting with MdBT2. Horticulture Research, 2021, 8, 159.	2.9	26
87	Polycomb-group protein SlMSI1 represses the expression of fruit-ripening genes to prolong shelf life in tomato. Scientific Reports, 2016, 6, 31806.	1.6	25
88	MdWRKY46-Enhanced Apple Resistance to <i>Botryosphaeria dothidea</i> by Activating the Expression of <i>MdPBS3.1</i> in the Salicylic Acid Signaling Pathway. Molecular Plant-Microbe Interactions, 2019, 32, 1391-1401.	1.4	25
89	BTB-BACK-TAZ domain protein MdBT2-mediated MdMYB73 ubiquitination negatively regulates malate accumulation and vacuolar acidification in apple. Horticulture Research, 2020, 7, 151.	2.9	25
90	The apple 14-3-3 protein MdGRF11 interacts with the BTB protein MdBT2 to regulate nitrate deficiency-induced anthocyanin accumulation. Horticulture Research, 2021, 8, 22.	2.9	25

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91	MdKCS2 increased plant drought resistance by regulating wax biosynthesis. Plant Cell Reports, 2021, 40, 2357-2368.	2.8	25
92	BTB-BACK Domain E3 Ligase MdPOB1 Suppresses Plant Pathogen Defense against Botryosphaeria dothidea by Ubiquitinating and Degrading MdPUB29 Protein in Apple. Plant and Cell Physiology, 2019, 60, 2129-2140.	1.5	24
93	MdCIB1, an apple bHLH transcription factor, plays a positive regulator in response to drought stress. Environmental and Experimental Botany, 2021, 188, 104523.	2.0	24
94	Arabidopsis YL1/BPG2 Is Involved in Seedling Shoot Response to Salt Stress through ABI4. Scientific Reports, 2016, 6, 30163.	1.6	23
95	MdMYB58 Modulates Fe Homeostasis by Directly Binding to the MdMATE43 Promoter in Plants. Plant and Cell Physiology, 2018, 59, 2476-2489.	1.5	23
96	Cloning and functional identification of a strigolactone receptor gene MdD14 in apple. Plant Cell, Tissue and Organ Culture, 2020, 140, 197-208.	1.2	22
97	An apple long-chain acyl-CoA synthetase, MdLACS4, induces early flowering and enhances abiotic stress resistance in Arabidopsis. Plant Science, 2020, 297, 110529.	1.7	22
98	Low nitrate alleviates iron deficiency by regulating iron homeostasis in apple. Plant, Cell and Environment, 2021, 44, 1869-1884.	2.8	22
99	Functional identification of apple MdJAZ2 in Arabidopsis with reduced JA-sensitivity and increased stress tolerance. Plant Cell Reports, 2017, 36, 255-265.	2.8	21
100	Genome-Wide Identification of Apple Ubiquitin SINA E3 Ligase and Functional Characterization of MdSINA2. Frontiers in Plant Science, 2020, 11, 1109.	1.7	21
101	Molecular Cloning and Functional Analysis of UV RESISTANCE LOCUS 8 (PeUVR8) from Populus euphratica. PLoS ONE, 2015, 10, e0132390.	1.1	21
102	Ectopic expression of the apple nucleus-encoded thylakoid protein MdY3IP1 triggers early-flowering and enhanced salt-tolerance in Arabidopsis thaliana. BMC Plant Biology, 2018, 18, 18.	1.6	20
103	Ectopic expression of an apple cytochrome P450 gene MdCYPM1 negatively regulates plant photomorphogenesis and stress response in Arabidopsis. Biochemical and Biophysical Research Communications, 2017, 483, 1-9.	1.0	19
104	MdHIR4 transcription and translation levels associated with disease in apple are regulated by MdWRKY31. Plant Molecular Biology, 2019, 101, 149-162.	2.0	19
105	Apple MdSAT1 encodes a bHLHm1 transcription factor involved in salinity and drought responses. Planta, 2021, 253, 46.	1.6	19
106	MdSOS2L1 phosphorylates MdVHA-B1 to modulate malate accumulation in response to salinity in apple. Plant Cell Reports, 2016, 35, 705-718.	2.8	18
107	Ectopic expression of the apple Md-miR172e gene alters flowering time and floral organ identity in Arabidopsis. Plant Cell, Tissue and Organ Culture, 2015, 123, 535-546.	1.2	17
108	Identification of Phytochrome-Interacting Factor Family Members and Functional Analysis of MdPIF4 in Malus domestica. International Journal of Molecular Sciences, 2020, 21, 7350.	1.8	17

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109	NIN-like protein 7 promotes nitrate-mediated lateral root development by activating transcription of TRYPTOPHAN AMINOTRANSFERASE RELATED 2. Plant Science, 2021, 303, 110771.	1.7	17
110	The apple palmitoyltransferase MdPAT16 influences sugar content and salt tolerance via an MdCBL1â€“MdCIPK13â€“MdSUT2.2 pathway. Plant Journal, 2021, 106, 689-705.	2.8	17
111	Ectopic overexpression of Arabidopsis AtmiR393a gene changes auxin sensitivity and enhances salt resistance in tobacco. Acta Physiologiae Plantarum, 2010, 32, 997-1003.	1.0	16
112	A basic/helixâ€“loopâ€“helix transcription factor controls leaf shape by regulating auxin signaling in apple. New Phytologist, 2020, 228, 1897-1913.	3.5	16
113	Apple SUMO E3 ligase MdSIZ1 facilitates SUMOylation of MdARF8 to regulate lateral root formation. New Phytologist, 2021, 229, 2206-2222.	3.5	16
114	The MdABI5 transcription factor interacts with the MdNRT1.5/MdNPF7.3 promoter to fine-tune nitrate transport from roots to shoots in apple. Horticulture Research, 2021, 8, 236.	2.9	16
115	The ectopic expression of apple MYB1 and bHLH3 differentially activates anthocyanin biosynthesis in tobacco. Plant Cell, Tissue and Organ Culture, 2017, 131, 183-194.	1.2	15
116	Apple SUMO E3 ligase MdSIZ1 is involved in the response to phosphate deficiency. Journal of Plant Physiology, 2019, 232, 216-225.	1.6	15
117	Functional identification of apple MdMYB2 gene in phosphate-starvation response. Journal of Plant Physiology, 2020, 244, 153089.	1.6	15
118	Genome-wide analysis of auxin response factor (ARF) genes and functional identification of <i>MdARF2</i> reveals the involvement in the regulation of anthocyanin accumulation in apple. New Zealand Journal of Crop and Horticultural Science, 2021, 49, 78-91.	0.7	15
119	Identification and functional characterization of MdPIF3 in response to cold and drought stress in Malus domestica. Plant Cell, Tissue and Organ Culture, 2021, 144, 435-447.	1.2	15
120	Phytochrome interacting factor MdPIF7 modulates anthocyanin biosynthesis and hypocotyl growth in apple. Plant Physiology, 2022, 188, 2342-2363.	2.3	15
121	Phosphorylation of a malate transporter promotes malate excretion and reduces cadmium uptake in apple. Journal of Experimental Botany, 2020, 71, 3437-3449.	2.4	14
122	The BTB protein MdBT2 recruits auxin signaling components to regulate adventitious root formation in apple. Plant Physiology, 2022, 189, 1005-1020.	2.3	13
123	Ectopic overexpression of AtmiR398b gene in tobacco influences seed germination and seedling growth. Plant Cell, Tissue and Organ Culture, 2010, 102, 53-59.	1.2	12
124	Agronomic Characteristics and Chemical Composition of Newly Developed Day-Neutral Strawberry Lines by Agriculture and Agri-Food Canada. International Journal of Food Properties, 2010, 13, 1234-1243.	1.3	12
125	Genome-wide analysis and identification of the SMXL gene family in apple (Malus Ã— domestica). Tree Genetics and Genomes, 2018, 14, 1.	0.6	12
126	Functional identification of apple on MdHIR4 in biotic stress. Plant Science, 2019, 283, 396-406.	1.7	11

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127	The apple MdCOP1-interacting protein 1 negatively regulates hypocotyl elongation and anthocyanin biosynthesis. BMC Plant Biology, 2021, 21, 15.	1.6	11
128	MdHIR proteins repress anthocyanin accumulation by interacting with the MdJAZ2 protein to inhibit its degradation in apples. Scientific Reports, 2017, 7, 44484.	1.6	10
129	Molecular cloning and functional characterization of the Aluminum-activated malate transporter gene MdALMT14. Scientia Horticulturae, 2019, 244, 208-217.	1.7	10
130	The BTB-TAZ protein MdBT2 negatively regulates the drought stress response by interacting with the transcription factor MdNAC143 in apple. Plant Science, 2020, 301, 110689.	1.7	10
131	The apple BTB protein MdBT2 positively regulates MdCOP1 abundance to repress anthocyanin biosynthesis. Plant Physiology, 2022, 190, 305-318.	2.3	10
132	The apple RING-H2 protein MdCIP8 regulates anthocyanin accumulation and hypocotyl elongation by interacting with MdCOP1. Plant Science, 2020, 301, 110665.	1.7	9
133	The ankyrin repeat-containing protein MdANK2B regulates salt tolerance and ABA sensitivity in Malus domestica. Plant Cell Reports, 2021, 40, 405-419.	2.8	8
134	Phosphate regulates malate/citrate-mediated iron uptake and transport in apple. Plant Science, 2020, 297, 110526.	1.7	8
135	A C2-domain phospholipid-binding protein MdCAIP1 positively regulates salt and osmotic stress tolerance in apple. Plant Cell, Tissue and Organ Culture, 2019, 138, 29-39.	1.2	7
136	Unreduced embryo sacs escape fertilization via a â€˜female-late-on-dateâ€™ strategy to produce clonal seeds in apomictic crabapples. Scientia Horticulturae, 2014, 167, 76-83.	1.7	6
137	Interaction of BTB-TAZ protein MdBT2 and DELLA protein MdRGL3a regulates nitrate-mediated plant growth. Plant Physiology, 2021, 186, 750-766.	2.3	6
138	Ectopic expression of the apple mhgai2 gene brings about GA-insensitive phenotypes in tomatoes. Acta Physiologiae Plantarum, 2012, 34, 2369-2377.	1.0	5
139	Molecular cloning and functional identification of an apple flagellin receptor MdFLS2 gene. Journal of Integrative Agriculture, 2018, 17, 2694-2703.	1.7	5
140	Apple receptor-like kinase FERONIA regulates salt tolerance and ABA sensitivity in Malus domestica. Journal of Plant Physiology, 2022, 270, 153616.	1.6	5
141	The SUMO E3 Ligase MdSIZ1 Sumoylates a Cell Number Regulator MdCNR8 to Control Organ Size. Frontiers in Plant Science, 2022, 13, 836935.	1.7	5
142	MdBZR1 regulates ABA response by modulating the expression of MdABI5 in apple. Plant Cell Reports, 2021, 40, 1127-1139.	2.8	4
143	Identification and functional analysis of the MdLTPG gene family in apple. Plant Physiology and Biochemistry, 2021, 163, 338-347.	2.8	4
144	Determination of Protein Interactions among Replication Components of Apple Necrotic Mosaic Virus. Viruses, 2020, 12, 474.	1.5	3

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145	Overexpression of MdPHR1 Enhanced Tolerance to Phosphorus Deficiency by Increasing MdPAP10 Transcription in Apple (Malusâ€‰Ã—â€‰ Domestica). Journal of Plant Growth Regulation, 2021, 40, 1753-1763.	2.8	3
146	Nitrateâ€inducible MdBT2 acts as a restriction factor to limit apple necrotic mosaic virus genome replication in <i>Malus domestica</i>. Molecular Plant Pathology, 2022, 23, 383-399.	2.0	3
147	Chemical composition and morphology of apple cuticular wax during fruit growth and development. Fruit Research, 2022, 2, 1-11.	0.9	3
148	Molecular cloning and functional characterization of the CEP RECEPTOR 1 gene MdCEPR1 of Apple (Malusâ€‰Ã—â€‰domestica). Plant Cell, Tissue and Organ Culture, 2020, 140, 539-550.	1.2	2
149	Organization and regulation of the apple SUMOylation system under salt and ABA. Plant Physiology and Biochemistry, 2022, 182, 22-35.	2.8	2
150	Regulatory Sequences in Apple. Compendium of Plant Genomes, 2021, , 189-211.	0.3	0