Yu-Jin Hao

List of Publications by Citations

167 papers	5,572 citations	42 h-index	70 g-index
174 ext. papers	8,045 ext. citations	5.5 avg, IF	6.17 L-index

#	Paper	IF	Citations
167	A R2R3 type MYB transcription factor is involved in the cold regulation of CBF genes and in acquired freezing tolerance. *Journal of Biological Chemistry*, **2006**, 281, 37636-45	5.4	555
166	The bHLH transcription factor MdbHLH3 promotes anthocyanin accumulation and fruit colouration in response to low temperature in apples. *Plant, Cell and Environment*, **2012**, 35, 1884-97	8.4	352
165	MdCOP1 ubiquitin E3 ligases interact with MdMYB1 to regulate light-induced anthocyanin biosynthesis and red fruit coloration in apple. *Plant Physiology*, **2012**, 160, 1011-22	6.6	263
164	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, 650-62	4.9	165
163	MdMYB1 Regulates Anthocyanin and Malate Accumulation by Directly Facilitating Their Transport into Vacuoles in Apples. *Plant Physiology*, **2016**, 170, 1315-30	6.6	141
162	The apple WD40 protein MdTTG1 interacts with bHLH but not MYB proteins to regulate anthocyanin accumulation. *Journal of Plant Physiology*, **2012**, 169, 710-7	3.6	127
161	Genome wide analysis of the apple MYB transcription factor family allows the identification of MdoMYB121 gene confering abiotic stress tolerance in plants. *PLoS ONE*, **2013**, 8, e69955	3.7	125
160	The bZIP transcription factor MdHY5 regulates anthocyanin accumulation and nitrate assimilation in apple. *Horticulture Research*, **2017**, 4, 17023	7.7	117
159	The cold-induced basic helix-loop-helix transcription factor gene MdCIbHLH1 encodes an ICE-like protein in apple. *BMC Plant Biology*, **2012**, 12, 22	5.3	116
158	Apple bZIP transcription factor MdbZIP44 regulates abscisic acid-promoted anthocyanin accumulation. *Plant, Cell and Environment*, **2018**, 41, 2678-2692	8.4	91
157	Transcription Factor AREB2 Is Involved in Soluble Sugar Accumulation by Activating Sugar Transporter and Amylase Genes. *Plant Physiology*, **2017**, 174, 2348-2362	6.6	90
156	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	6.6	90
155	Isolation and characterization of an apple cytosolic malate dehydrogenase gene reveal its function in malate synthesis. *Journal of Plant Physiology*, **2011**, 168, 474-80	3.6	89
154	R2R3-MYB transcription factor MdMYB23 is involved in the cold tolerance and proanthocyanidin accumulation in apple. *Plant Journal*, **2018**, 96, 562-577	6.9	88
153	An apple MYB transcription factor regulates cold tolerance and anthocyanin accumulation and undergoes MIEL1-mediated degradation. *Plant Biotechnology Journal*, **2020**, 18, 337-353	11.6	75
152	Glucose Sensor MdHXK1 Phosphorylates and Stabilizes MdbHLH3 to Promote Anthocyanin Biosynthesis in Apple. *PLoS Genetics*, **2016**, 12, e1006273	6	74
151	Overexpression of MdSOS2L1, a CIPK protein kinase, increases the antioxidant metabolites to enhance salt tolerance in apple and tomato. *Physiologia Plantarum*, **2016**, 156, 201-214	4.6	74

150	MdSnRK1.1 interacts with MdJAZ18 to regulate sucrose-induced anthocyanin and proanthocyanidin accumulation in apple. *Journal of Experimental Botany*, **2017**, 68, 2977-2990	7	72
149	Overexpression of a R2R3 MYB gene MdSIMYB1 increases tolerance to multiple stresses in transgenic tobacco and apples. *Physiologia Plantarum*, **2014**, 150, 76-87	4.6	69
148	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, 123-35	4.6	69
147	The molecular cloning and functional characterization of MdMYC2, a bHLH transcription factor in apple. *Plant Physiology and Biochemistry*, **2016**, 108, 24-31	5.4	69
146	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, 1986-97	11.6	67
145	The ERF transcription factor MdERF38 promotes drought stress-induced anthocyanin biosynthesis in apple. *Plant Journal*, **2020**, 101, 573-589	6.9	65
144	Genome-wide analysis and identification of stress-responsive genes of the NAM-ATAF1,2-CUC2 transcription factor family in apple. *Plant Physiology and Biochemistry*, **2013**, 71, 11-21	5.4	64
143	Ubiquitination-Related MdBT Scaffold Proteins Target a bHLH Transcription Factor for Iron Homeostasis. *Plant Physiology*, **2016**, 172, 1973-1988	6.6	64
142	Overexpression of MdbHLH104 gene enhances the tolerance to iron deficiency in apple. *Plant Biotechnology Journal*, **2016**, 14, 1633-45	11.6	62
141	Expression of arginine decarboxylase and ornithine decarboxylase genes in apple cells and stressed shoots. *Journal of Experimental Botany*, **2005**, 56, 1105-15	7	62
140	MdWRKY40 promotes wounding-induced anthocyanin biosynthesis in association with MdMYB1 and undergoes MdBT2-mediated degradation. *New Phytologist*, **2019**, 224, 380-395	9.8	59
139	The Nitrate-Responsive Protein MdBT2 Regulates Anthocyanin Biosynthesis by Interacting with the MdMYB1 Transcription Factor. *Plant Physiology*, **2018**, 178, 890-906	6.6	58
138	The R2R3-MYB transcription factor MdMYB73 is involved in malate accumulation and vacuolar acidification in apple. *Plant Journal*, **2017**, 91, 443-454	6.9	55
137	The R2R3 MYB transcription factor MdMYB30 modulates plant resistance against pathogens by regulating cuticular wax biosynthesis. *BMC Plant Biology*, **2019**, 19, 362	5.3	53
136	MdBBX22 regulates UV-B-induced anthocyanin biosynthesis through regulating the function of MdHY5 and is targeted by MdBT2 for 26S proteasome-mediated degradation. *Plant Biotechnology Journal*, **2019**, 17, 2231-2233	11.6	47
135	Molecular cloning of three malic acid related genes MdPEPC, MdVHA-A, MdcyME and their expression analysis in apple fruits. *Scientia Horticulturae*, **2009**, 122, 404-408	4.1	47
134	A novel gene, screened by cDNA-AFLP approach, contributes to lowering the acidity of fruit in apple. *Plant Physiology and Biochemistry*, **2007**, 45, 139-45	5.4	47
133	The SUMO E3 Ligase MdSIZ1 Targets MdbHLH104 to Regulate Plasma Membrane H-ATPase Activity and Iron Homeostasis. *Plant Physiology*, **2019**, 179, 88-106	6.6	45

132	An apple NAC transcription factor negatively regulates cold tolerance via CBF-dependent pathway. *Journal of Plant Physiology*, **2018**, 221, 74-80	3.6	44
131	Apple AP2/EREBP transcription factor MdSHINE2 confers drought resistance by regulating wax biosynthesis. *Planta*, **2019**, 249, 1627-1643	4.7	43
130	Molecular cloning and functional characterization of MdSOS2 reveals its involvement in salt tolerance in apple callus and Arabidopsis. *Plant Cell Reports*, **2012**, 31, 713-22	5.1	43
129	The small ubiquitin-like modifier E3 ligase MdSIZ1 promotes anthocyanin accumulation by sumoylating MdMYB1 under low-temperature conditions in apple. *Plant, Cell and Environment*, **2017**, 40, 2068-2080	8.4	42
128	Tobacco Transcription Factor Confers Tolerance to Cold Stress by Regulating the Pathway and Reactive Oxygen Species Homeostasis. *Frontiers in Plant Science*, **2018**, 9, 381	6.2	42
127	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	11.6	42
126	An apple CIPK protein kinase targets a novel residue of AREB transcription factor for ABA-dependent phosphorylation. *Plant, Cell and Environment*, **2017**, 40, 2207-2219	8.4	42
125	The regulatory module MdPUB29-MdbHLH3 connects ethylene biosynthesis with fruit quality in apple. *New Phytologist*, **2019**, 221, 1966-1982	9.8	42
124	An apple NAC transcription factor enhances salt stress tolerance by modulating the ethylene response. *Physiologia Plantarum*, **2018**, 164, 279-289	4.6	41
123	How do anthocyanins paint our horticultural products?. *Scientia Horticulturae*, **2019**, 249, 257-262	4.1	39
122	A genome-wide analysis of the LBD (LATERAL ORGAN BOUNDARIES domain) gene family in Malus domestica with a functional characterization of MdLBD11. *PLoS ONE*, **2013**, 8, e57044	3.7	39
121	MdbHLH93, an apple activator regulating leaf senescence, is regulated by ABA and MdBT2 in antagonistic ways. *New Phytologist*, **2019**, 222, 735-751	9.8	39
120	MdVHP1 encodes an apple vacuolar H(+)-PPase and enhances stress tolerance in transgenic apple callus and tomato. *Journal of Plant Physiology*, **2011**, 168, 2124-33	3.6	38
119	The Glucose Sensor MdHXK1 Phosphorylates a Tonoplast Na/H Exchanger to Improve Salt Tolerance. *Plant Physiology*, **2018**, 176, 2977-2990	6.6	37
118	A CIPK protein kinase targets sucrose transporter MdSUT2.2 at Ser for phosphorylation to enhance salt tolerance. *Plant, Cell and Environment*, **2019**, 42, 918-930	8.4	36
117	MdHY5 positively regulates cold tolerance via CBF-dependent and CBF-independent pathways in apple. *Journal of Plant Physiology*, **2017**, 218, 275-281	3.6	35
116	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	7	35
115	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	2.7	33

114	Apple RING E3 ligase MdMIEL1 inhibits anthocyanin accumulation by ubiquitinating and degrading MdMYB1 protein. *Plant and Cell Physiology*, **2017**, 58, 1953-1962	4.9	29
113	Molecular cloning and functional analysis of a UV-B photoreceptor gene, MdUVR8 (UV Resistance Locus 8), from apple. *Plant Science*, **2016**, 247, 115-26	5.3	28
112	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	5.3	27
111	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	4.9	27
110	A Neighboring Aromatic-Aromatic Amino Acid Combination Governs Activity Divergence between Tomato Phytoene Synthases. *Plant Physiology*, **2019**, 180, 1988-2003	6.6	26
109	Functional characterization of the apple MhGAI1 gene through ectopic expression and grafting experiments in tomatoes. *Journal of Plant Physiology*, **2012**, 169, 303-10	3.6	26
108	MdGRF11, an apple 14-3-3 protein, acts as a positive regulator of drought and salt tolerance. *Plant Science*, **2019**, 288, 110219	5.3	25
107	An Apple Protein Kinase MdSnRK1.1 Interacts with MdCAIP1 to Regulate ABA Sensitivity. *Plant and Cell Physiology*, **2017**, 58, 1631-1641	4.9	25
106	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	5.4	25
105	Apple F-Box Protein MdMAX2 Regulates Plant Photomorphogenesis and Stress Response. *Frontiers in Plant Science*, **2016**, 7, 1685	6.2	22
104	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	2.7	21
103	Functional identification of MdSIZ1 as a SUMO E3 ligase in apple. *Journal of Plant Physiology*, **2016**, 198, 69-80	3.6	21
102	Molecular cloning and functional characterization of the apple sucrose transporter gene MdSUT2. *Plant Physiology and Biochemistry*, **2016**, 109, 442-451	5.4	20
101	Apple MdMYC2 reduces aluminum stress tolerance by directly regulating MdERF3 gene. *Plant and Soil*, **2017**, 418, 255-266	4.2	19
100	MdSWEET17, a sugar transporter in apple, enhances drought tolerance in tomato. *Journal of Integrative Agriculture*, **2019**, 18, 2041-2051	3.2	19
99	The MdWRKY31 transcription factor binds to the promoter to mediate ABA sensitivity. *Horticulture Research*, **2019**, 6, 66	7.7	19
98	MdCER2 conferred to wax accumulation and increased drought tolerance in plants. *Plant Physiology and Biochemistry*, **2020**, 149, 277-285	5.4	19
97	BTB protein MdBT2 inhibits anthocyanin and proanthocyanidin biosynthesis by triggering MdMYB9 degradation in apple. *Tree Physiology*, **2018**, 38, 1578-1587	4.2	19

96	A dsRNA-binding protein MdDRB1 associated with miRNA biogenesis modifies adventitious rooting and tree architecture in apple. *Plant Biotechnology Journal*, **2014**, 12, 183-92	11.6	19
95	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	4.7	19
94	Conserved vacuolar H+-ATPase subunit B1 improves salt stress tolerance in apple calli and tomato plants. *Scientia Horticulturae*, **2015**, 197, 107-116	4.1	18
93	MdWRKY15 improves resistance of apple to Botryosphaeria dothidea via the salicylic acid-mediated pathway by directly binding the MdICS1 promoter. *Journal of Integrative Plant Biology*, **2020**, 62, 527-543	8.3	18
92	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. *New Phytologist*, **2021**, 229, 2707-2729	9.8	18
91	Apple ethylene response factor MdERF11 confers resistance to fungal pathogen Botryosphaeria dothidea. *Plant Science*, **2020**, 291, 110351	5.3	17
90	Isolation and functional identification of an apple MdCER1 gene. *Plant Cell, Tissue and Organ Culture*, **2019**, 136, 1-13	2.7	17
89	The apple bHLH transcription factor MdbHLH3 functions in determining the fruit carbohydrates and malate. *Plant Biotechnology Journal*, **2021**, 19, 285-299	11.6	17
88	The AP2 transcription factor NtERF172 confers drought resistance by modifying NtCAT. *Plant Biotechnology Journal*, **2020**, 18, 2444-2455	11.6	16
87	MdMYB58 Modulates Fe Homeostasis by Directly Binding to the MdMATE43 Promoter in Plants. *Plant and Cell Physiology*, **2018**, 59, 2476-2489	4.9	16
86	Functional identification of MdPIF1 as a Phytochrome Interacting Factor in Apple. *Plant Physiology and Biochemistry*, **2017**, 119, 178-188	5.4	15
85	Apple MdERF4 negatively regulates salt tolerance by inhibiting MdERF3 transcription. *Plant Science* , **2018**, 276, 181-188	5.3	15
84	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	2.7	14
83	MdWRKY46-Enhanced Apple Resistance to by Activating the Expression of in the Salicylic Acid Signaling Pathway. *Molecular Plant-Microbe Interactions*, **2019**, 32, 1391-1401	3.6	14
82	, an Apple bHLH Transcription Factor, Confers Water Stress Resistance by Regulating Stomatal Closure and ROS Homeostasis in Transgenic Tobacco. *Frontiers in Plant Science*, **2020**, 11, 543696	6.2	14
81	ABI5 regulates ABA-induced anthocyanin biosynthesis by modulating the MYB1-bHLH3 complex in apple. *Journal of Experimental Botany*, **2021**, 72, 1460-1472	7	14
80	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	4.9	13
79	Ectopic overexpression of Arabidopsis AtmiR393a gene changes auxin sensitivity and enhances salt resistance in tobacco. *Acta Physiologiae Plantarum*, **2010**, 32, 997-1003	2.6	13

78	Cloning and functional identification of a strigolactone receptor gene MdD14 in apple. *Plant Cell, Tissue and Organ Culture*, **2020**, 140, 197-208	2.7	13
77	Genome wide analysis and functional identification of MdKCS genes in apple. *Plant Physiology and Biochemistry*, **2020**, 151, 299-312	5.4	12
76	BTB-TAZ Domain Protein MdBT2 Modulates Malate Accumulation and Vacuolar Acidification in Response to Nitrate. *Plant Physiology*, **2020**, 183, 750-764	6.6	12
75	MdSOS2L1 phosphorylates MdVHA-B1 to modulate malate accumulation in response to salinity in apple. *Plant Cell Reports*, **2016**, 35, 705-18	5.1	12
74	The ectopic expression of apple MYB1 and bHLH3 differentially activates anthocyanin biosynthesis in tobacco. *Plant Cell, Tissue and Organ Culture*, **2017**, 131, 183-194	2.7	12
73	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	8.3	12
72	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	3.4	11
71	The basic helix-loop-helix transcription factor MdbHLH3 modulates leaf senescence in apple via the regulation of. *Horticulture Research*, **2020**, 7, 50	7.7	11
70	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	4.2	11
69	MdHIR4 transcription and translation levels associated with disease in apple are regulated by MdWRKY31. *Plant Molecular Biology*, **2019**, 101, 149-162	4.6	11
68	The apple C2H2-type zinc finger transcription factor MdZAT10 positively regulates JA-induced leaf senescence by interacting with MdBT2. *Horticulture Research*, **2021**, 8, 159	7.7	11
67	Apple RING finger E3 ubiquitin ligase MdMIEL1 negatively regulates salt and oxidative stresses tolerance **2017**, 60, 137-145		10
66	Advances in Biosynthesis, Regulation, and Function of Apple Cuticular Wax. *Frontiers in Plant Science*, **2020**, 11, 1165	6.2	10
65	BTB-BACK-TAZ domain protein MdBT2-mediated MdMYB73 ubiquitination negatively regulates malate accumulation and vacuolar acidification in apple. *Horticulture Research*, **2020**, 7, 151	7.7	10
64	The Characterization, Authentication, and Gene Expression Pattern of the MdCER Family in Malus domestica. *Horticultural Plant Journal*, **2019**, 5, 1-9	4.3	10
63	Genome-wide identification, expression profiling, and protein-protein interaction properties of ovate family proteins in apple. *Tree Genetics and Genomes*, **2019**, 15, 1	2.1	9
62	Apple SUMO E3 ligase MdSIZ1 is involved in the response to phosphate deficiency. *Journal of Plant Physiology*, **2019**, 232, 216-225	3.6	9
61	MdABI5 works with its interaction partners to regulate abscisic acid-mediated leaf senescence in apple. *Plant Journal*, **2021**, 105, 1566-1581	6.9	9

60	MdHIR proteins repress anthocyanin accumulation by interacting with the MdJAZ2 protein to inhibit its degradation in apples. *Scientific Reports*, **2017**, 7, 44484	4.9	8
59	Identification of Phytochrome-Interacting Factor Family Members and Functional Analysis of in. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	8
58	Identification of the SRO gene family in apples (Malus□domestica) with a functional characterization of MdRCD1. *Tree Genetics and Genomes*, **2017**, 13, 1	2.1	8
57	Functional identification of apple MdMYB2 gene in phosphate-starvation response. *Journal of Plant Physiology*, **2020**, 244, 153089	3.6	8
56	Auxin regulates anthocyanin biosynthesis through the auxin repressor protein MdIAA26. *Biochemical and Biophysical Research Communications*, **2020**, 533, 717-722	3.4	8
55	Functional identification of apple on MdHIR4 in biotic stress. *Plant Science*, **2019**, 283, 396-406	5.3	8
54	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	2.7	8
53	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	7.7	8
52	An apple long-chain acyl-CoA synthetase, MdLACS4, induces early flowering and enhances abiotic stress resistance in Arabidopsis. *Plant Science*, **2020**, 297, 110529	5.3	7
51	Genome-wide analysis and identification of the SMXL gene family in apple (Malus □domestica). *Tree Genetics and Genomes*, **2018**, 14, 1	2.1	7
50	An apple AP2/EREBP-type transcription factor, MdWRI4, enhances plant resistance to abiotic stress by increasing cuticular wax load. *Environmental and Experimental Botany*, **2020**, 180, 104206	5.9	7
49	Tobacco transcription factor bHLH123 improves salt tolerance by activating NADPH oxidase NtRbohE expression. *Plant Physiology*, **2021**, 186, 1706-1720	6.6	7
48	Molecular cloning and functional characterization of the Aluminum-activated malate transporter gene MdALMT14. *Scientia Horticulturae*, **2019**, 244, 208-217	4.1	7
47	Phosphate regulates malate/citrate-mediated iron uptake and transport in apple. *Plant Science*, **2020**, 297, 110526	5.3	6
46	Jasmonate induces biosynthesis of anthocyanin and proanthocyanidin in apple by mediating the JAZ1-TRB1-MYB9 complex. *Plant Journal*, **2021**, 106, 1414-1430	6.9	6
45	Apple BT2 protein negatively regulates jasmonic acid-triggered leaf senescence by modulating the stability of MYC2 and JAZ2. *Plant, Cell and Environment*, **2021**, 44, 216-233	8.4	6
44	Apple MdSAT1 encodes a bHLHm1 transcription factor involved in salinity and drought responses. *Planta*, **2021**, 253, 46	4.7	6
43	Genome-wide identification and phylogenetic, comparative genomic, alternative splicing, and expression analyses of TCP genes in plants. *Plant Gene*, **2017**, 12, 23-32	3.1	5

42	Functional characterization of MdMYB73 reveals its involvement in cold stress response in apple calli and Arabidopsis. *Journal of Integrative Agriculture*, **2017**, 16, 2215-2221	3.2	5
41	Genome-wide identification, expression, and interaction analysis for ovate family proteins in peach. *Molecular Biology Reports*, **2019**, 46, 3755-3764	2.8	5
40	Identification and expression of the CEP gene family in apple (Malus domestica). *Journal of Integrative Agriculture*, **2018**, 17, 348-358	3.2	5
39	Genome-Wide Identification of Apple Ubiquitin SINA E3 Ligase and Functional Characterization of MdSINA2. *Frontiers in Plant Science*, **2020**, 11, 1109	6.2	5
38	Low nitrate alleviates iron deficiency by regulating iron homeostasis in apple. *Plant, Cell and Environment*, **2021**, 44, 1869-1884	8.4	5
37	Ectopic expression of apple MdSUT2 gene influences development and abiotic stress resistance in tomato. *Scientia Horticulturae*, **2017**, 220, 259-266	4.1	4
36	Phosphorylation of a malate transporter promotes malate excretion and reduces cadmium uptake in apple. *Journal of Experimental Botany*, **2020**, 71, 3437-3449	7	4
35	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	2.7	4
34	Abscisic acid alleviates iron deficiency by regulating iron distribution in roots and shoots of apple. *Scientia Horticulturae*, **2020**, 262, 109018	4.1	4
33	The apple palmitoyltransferase MdPAT16 influences sugar content and salt tolerance via an MdCBL1-MdCIPK13-MdSUT2.2 pathway. *Plant Journal*, **2021**, 106, 689-705	6.9	4
32	Apple SUMO E3 ligase MdSIZ1 facilitates SUMOylation of MdARF8 to regulate lateral root formation. *New Phytologist*, **2021**, 229, 2206-2222	9.8	4
31	The regulatory module MdBT2-MdMYB88/MdMYB124-MdNRTs regulates nitrogen usage in apple. *Plant Physiology*, **2021**, 185, 1924-1942	6.6	4
30	Determination of Protein Interactions among Replication Components of Apple Necrotic Mosaic Virus. *Viruses*, **2020**, 12,	6.2	3
29	Gene clone, expression and enzyme activity assay of a cytosolic malate dehydrogenase from apple fruits. *Frontiers of Agriculture in China*, **2008**, 2, 307-313		3
28	The Growth-Promoting Mechanism of Brevibacillus laterosporus AMCC100017 on Apple Rootstock Malus robusta. *Horticultural Plant Journal*, **2021**, 8, 22-22	4.3	3
27	Cloning, sequencing, and expression analysis of 32 NAC transcription factors (MdNAC) in apple. *PeerJ*, **2020**, 8, e8249	3.1	3
26	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	5.3	3
25	The apple RING-H2 protein MdCIP8 regulates anthocyanin accumulation and hypocotyl elongation by interacting with MdCOP1. *Plant Science*, **2020**, 301, 110665	5.3	3

24	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. *New Zealand Journal of Crop and Horticultural Science*, **2021**, 49, 78-91	0.9	3
23	R2R3-MYB Transcription Factor MdMYB73 Confers Increased Resistance to the Fungal Pathogen in Apples the Salicylic Acid Pathway. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 447-458	5.7	3
22	Apple receptor-like kinase FERONIA regulates salt tolerance and ABA sensitivity in Malus domestica.. *Journal of Plant Physiology*, **2022**, 270, 153616	3.6	2
21	Functional identification of MdSMXL8.2, the homologous gene of strigolactones pathway repressor protein gene in Malus domestica. *Horticultural Plant Journal*, **2021**, 7, 275-285	4.3	2
20	NIN-like protein 7 promotes nitrate-mediated lateral root development by activating transcription of TRYPTOPHAN AMINOTRANSFERASE RELATED 2. *Plant Science*, **2021**, 303, 110771	5.3	2
19	MdCIB1, an apple bHLH transcription factor, plays a positive regulator in response to drought stress. *Environmental and Experimental Botany*, **2021**, 188, 104523	5.9	2
18	MdMYC2 and MdERF3 Positively Co-Regulate Farnesene Biosynthesis in Apple. *Frontiers in Plant Science*, **2020**, 11, 512844	6.2	1
17	Nitrate-inducible MdBT2 acts as a restriction factor to limit apple necrotic mosaic virus genome replication in Malus domestica. *Molecular Plant Pathology*, **2021**,	5.7	1
16	Isolation, sequencing, and expression analysis of 30 AP2/ERF transcription factors in apple. *PeerJ*, **2020**, 8, e8391	3.1	1
15	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	7.7	1
14	Molecular cloning and functional characterization of the CEP RECEPTOR 1 gene MdCEPR1 of Apple (Malus domestica). *Plant Cell, Tissue and Organ Culture*, **2020**, 140, 539-550	2.7	1
13	A basic/helix-loop-helix transcription factor controls leaf shape by regulating auxin signaling in apple. *New Phytologist*, **2020**, 228, 1897-1913	9.8	1
12	MdBZR1 regulates ABA response by modulating the expression of MdABI5 in apple. *Plant Cell Reports*, **2021**, 40, 1127-1139	5.1	1
11	MdDREB2A in apple is involved in the regulation of multiple abiotic stress responses. *Horticultural Plant Journal*, **2021**, 7, 197-208	4.3	1
10	The apple yang cycle gene MdDEP1 enhances salt and drought tolerance, as well as triggers early-flowering in Arabidopsis. *Scientia Horticulturae*, **2019**, 248, 154-162	4.1	1
9	The apple MdCOP1-interacting protein 1 negatively regulates hypocotyl elongation and anthocyanin biosynthesis. *BMC Plant Biology*, **2021**, 21, 15	5.3	1
8	Interaction of BTB-TAZ protein MdBT2 and DELLA protein MdRGL3a regulates nitrate-mediated plant growth. *Plant Physiology*, **2021**, 186, 750-766	6.6	1
7	Identification and functional analysis of the MdLTPG gene family in apple. *Plant Physiology and Biochemistry*, **2021**, 163, 338-347	5.4	0

6	Overexpression of MdPHR1 Enhanced Tolerance to Phosphorus Deficiency by Increasing MdPAP10 Transcription in Apple (Malus Domestica). *Journal of Plant Growth Regulation*, **2021**, 40, 1753-1763	4.7	0
5	The SUMO E3 Ligase MdSIZ1 Sumoylates a Cell Number Regulator MdCNR8 to Control Organ Size.. *Frontiers in Plant Science*, **2022**, 13, 836935	6.2	0
4	Nanoscale UV Absorber Boosting Coloration of Apple Skin. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 16295-16300	8.3	
3	A peptide encoding gene MdCLE8 regulates lateral root development in apple. *Plant Cell, Tissue and Organ Culture*,1	2.7	
2	Regulatory Sequences in Apple. *Compendium of Plant Genomes*, **2021**, 189-211	0.8	
1	Genome-Wide Identification, Expression, and Interaction Analysis of BEL-Like Homeodomain Gene Family in Peach.. *Biochemical Genetics*, **2022**, 1	2.4	