

# Yu-Jin Hao

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
166	Genome-Wide Identification, Expression, and Interaction Analysis of BEL-Like Homeodomain Gene Family in Peach.. <i>Biochemical Genetics</i> , <b>2022</b> , 1	2.4	
165	The SUMO E3 Ligase MdSIZ1 Sumoylates a Cell Number Regulator MdCNR8 to Control Organ Size.. <i>Frontiers in Plant Science</i> , <b>2022</b> , 13, 836935	6.2	0
164	The Growth-Promoting Mechanism of <i>Brevibacillus laterosporus</i> AMCC100017 on Apple Rootstock <i>Malus robusta</i> . <i>Horticultural Plant Journal</i> , <b>2021</b> , 8, 22-22	4.3	3
163	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
162	The MdABI5 transcription factor interacts with the MdNRT1.5/MdNPF7.3 promoter to fine-tune nitrate transport from roots to shoots in apple. <i>Horticulture Research</i> , <b>2021</b> , 8, 236	7.7	1
161	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
160	Tobacco transcription factor bHLH123 improves salt tolerance by activating NADPH oxidase NrRbohE expression. <i>Plant Physiology</i> , <b>2021</b> , 186, 1706-1720	6.6	7
159	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
158	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
157	MdDREB2A in apple is involved in the regulation of multiple abiotic stress responses. <i>Horticultural Plant Journal</i> , <b>2021</b> , 7, 197-208	4.3	1
156	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
155	Functional identification of MdSMXL8.2, the homologous gene of strigolactones pathway repressor protein gene in <i>Malus domestica</i> . <i>Horticultural Plant Journal</i> , <b>2021</b> , 7, 275-285	4.3	2
154	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
153	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
152	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
151	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

150	Overexpression of MdPHR1 Enhanced Tolerance to Phosphorus Deficiency by Increasing MdPAP10 Transcription in Apple ( <i>Malus Domestica</i> ). <i>Journal of Plant Growth Regulation</i> , <b>2021</b> , 40, 1753-1763	4.7	0
149	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
148	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
147	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
146	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
145	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
144	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
143	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
142	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
141	Regulatory Sequences in Apple. <i>Compendium of Plant Genomes</i> , <b>2021</b> , 189-211	0.8	
140	Apple MdSAT1 encodes a bHLHm1 transcription factor involved in salinity and drought responses. <i>Planta</i> , <b>2021</b> , 253, 46	4.7	6
139	The regulatory module MdBT2-MdMYB88/MdMYB124-MdNRTs regulates nitrogen usage in apple. <i>Plant Physiology</i> , <b>2021</b> , 185, 1924-1942	6.6	4
138	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
137	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
136	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
135	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
134	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
133	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

132	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
131	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
130	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
129	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
128	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
127	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
126	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
125	Determination of Protein Interactions among Replication Components of Apple Necrotic Mosaic Virus. <i>Viruses</i> , <b>2020</b> , 12,	6.2	3
124	The AP2 transcription factor NtERF172 confers drought resistance by modifying NtCAT. <i>Plant Biotechnology Journal</i> , <b>2020</b> , 18, 2444-2455	11.6	16
123	MdMYC2 and MdERF3 Positively Co-Regulate Farnesene Biosynthesis in Apple. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 512844	6.2	1
122	Cloning, sequencing, and expression analysis of 32 NAC transcription factors (MdNAC) in apple. <i>PeerJ</i> , <b>2020</b> , 8, e8249	3.1	3
121	Isolation, sequencing, and expression analysis of 30 AP2/ERF transcription factors in apple. <i>PeerJ</i> , <b>2020</b> , 8, e8391	3.1	1
120	Phosphate regulates malate/citrate-mediated iron uptake and transport in apple. <i>Plant Science</i> , <b>2020</b> , 297, 110526	5.3	6
119	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
118	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
117	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
116	Abscisic acid alleviates iron deficiency by regulating iron distribution in roots and shoots of apple. <i>Scientia Horticulturae</i> , <b>2020</b> , 262, 109018	4.1	4
115	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

114	Functional identification of apple MdMYB2 gene in phosphate-starvation response. <i>Journal of Plant Physiology</i> , <b>2020</b> , 244, 153089	3.6	8
113	, an Apple bHLH Transcription Factor, Confers Water Stress Resistance by Regulating Stomatal Closure and ROS Homeostasis in Transgenic Tobacco. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 543696	6.2	14
112	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
111	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
110	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
109	An apple AP2/EREBP-type transcription factor, MdWRI4, enhances plant resistance to abiotic stress by increasing cuticular wax load. <i>Environmental and Experimental Botany</i> , <b>2020</b> , 180, 104206	5.9	7
108	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
107	Advances in Biosynthesis, Regulation, and Function of Apple Cuticular Wax. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 1165	6.2	10
106	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
105	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
104	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
103	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
102	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
101	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
100	Nanoscale UV Absorber Boosting Coloration of Apple Skin. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 16295-16300	8.3	
99	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
98	MdSWEET17, a sugar transporter in apple, enhances drought tolerance in tomato. <i>Journal of Integrative Agriculture</i> , <b>2019</b> , 18, 2041-2051	3.2	19
97	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

96	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
95	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
94	BTB-BACK Domain E3 Ligase MdPOB1 Suppresses Plant Pathogen Defense against Botryosphaeria dothidea by Ubiquitinating and Degrading MdPUB29 Protein in Apple. <i>Plant and Cell Physiology</i> , <b>2019</b> , 60, 2129-2140	4.9	13
93	Genome-wide identification, expression profiling, and protein-protein interaction properties of ovate family proteins in apple. <i>Tree Genetics and Genomes</i> , <b>2019</b> , 15, 1	2.1	9
92	The MdWRKY31 transcription factor binds to the promoter to mediate ABA sensitivity. <i>Horticulture Research</i> , <b>2019</b> , 6, 66	7.7	19
91	Genome-wide identification, expression, and interaction analysis for ovate family proteins in peach. <i>Molecular Biology Reports</i> , <b>2019</b> , 46, 3755-3764	2.8	5
90	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
89	How do anthocyanins paint our horticultural products?. <i>Scientia Horticulturae</i> , <b>2019</b> , 249, 257-262	4.1	39
88	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
87	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
86	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
85	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
84	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
83	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
82	The Characterization, Authentication, and Gene Expression Pattern of the MdCER Family in <i>Malus domestica</i> . <i>Horticultural Plant Journal</i> , <b>2019</b> , 5, 1-9	4.3	10
81	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
80	Functional identification of apple on MdHIR4 in biotic stress. <i>Plant Science</i> , <b>2019</b> , 283, 396-406	5.3	8
79	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

78	The apple yang cycle gene MdDEP1 enhances salt and drought tolerance, as well as triggers early-flowering in Arabidopsis. <i>Scientia Horticulturae</i> , <b>2019</b> , 248, 154-162	4.1	1
77	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
76	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
75	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
74	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
73	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
72	Identification and expression of the CEP gene family in apple ( <i>Malus domestica</i> ). <i>Journal of Integrative Agriculture</i> , <b>2018</b> , 17, 348-358	3.2	5
71	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
70	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
69	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
68	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	5.3	27
67	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
66	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
65	Tobacco Transcription Factor Confers Tolerance to Cold Stress by Regulating the Pathway and Reactive Oxygen Species Homeostasis. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 381	6.2	42
64	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
63	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
62	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
61	Apple MdERF4 negatively regulates salt tolerance by inhibiting MdERF3 transcription. <i>Plant Science</i> , <b>2018</b> , 276, 181-188	5.3	15

60	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
59	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
58	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
57	Ectopic expression of an apple cytochrome P450 gene MdCYP1 negatively regulates plant photomorphogenesis and stress response in Arabidopsis. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 483, 1-9	3.4	11
56	Apple RING finger E3 ubiquitin ligase MdMIEL1 negatively regulates salt and oxidative stresses tolerance <b>2017</b> , 60, 137-145		10
55	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
54	Ectopic expression of apple MdSUT2 gene influences development and abiotic stress resistance in tomato. <i>Scientia Horticulturae</i> , <b>2017</b> , 220, 259-266	4.1	4
53	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
52	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
51	Apple MdMYC2 reduces aluminum stress tolerance by directly regulating MdERF3 gene. <i>Plant and Soil</i> , <b>2017</b> , 418, 255-266	4.2	19
50	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
49	Genome-wide identification and phylogenetic, comparative genomic, alternative splicing, and expression analyses of TCP genes in plants. <i>Plant Gene</i> , <b>2017</b> , 12, 23-32	3.1	5
48	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
47	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
46	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
45	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
44	Functional characterization of MdMYB73 reveals its involvement in cold stress response in apple calli and Arabidopsis. <i>Journal of Integrative Agriculture</i> , <b>2017</b> , 16, 2215-2221	3.2	5
43	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



42	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
41	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
40	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
39	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
38	Identification of the SRO gene family in apples ( <i>Malus domestica</i> ) with a functional characterization of MdRCD1. <i>Tree Genetics and Genomes</i> , <b>2017</b> , 13, 1	2.1	8
37	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
36	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
35	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
34	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
33	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
32	Glucose Sensor MdHXX1 Phosphorylates and Stabilizes MdbHLH3 to Promote Anthocyanin Biosynthesis in Apple. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006273	6	74
31	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
30	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
29	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
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27	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
26	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
25	Ectopic expression of the apple Md-miR172e gene alters flowering time and floral organ identity in Arabidopsis. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2015</b> , 123, 535-546	2.7	14

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23	Conserved vacuolar H <sup>+</sup> -ATPase subunit B1 improves salt stress tolerance in apple calli and tomato plants. <i>Scientia Horticulturae</i> , <b>2015</b> , 197, 107-116	4.1	18
22	A dsRNA-binding protein MdDRB1 associated with miRNA biogenesis modifies adventitious rooting and tree architecture in apple. <i>Plant Biotechnology Journal</i> , <b>2014</b> , 12, 183-92	11.6	19
21	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
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19	Genome-wide analysis and identification of stress-responsive genes of the NAM-ATAF1,2-CUC2 transcription factor family in apple. <i>Plant Physiology and Biochemistry</i> , <b>2013</b> , 71, 11-21	5.4	64
18	Genome wide analysis of the apple MYB transcription factor family allows the identification of MdoMYB121 gene conferring abiotic stress tolerance in plants. <i>PLoS ONE</i> , <b>2013</b> , 8, e69955	3.7	125
17	A genome-wide analysis of the LBD (LATERAL ORGAN BOUNDARIES domain) gene family in <i>Malus domestica</i> with a functional characterization of MdLBD11. <i>PLoS ONE</i> , <b>2013</b> , 8, e57044	3.7	39
16	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
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14	The apple WD40 protein MdTTG1 interacts with bHLH but not MYB proteins to regulate anthocyanin accumulation. <i>Journal of Plant Physiology</i> , <b>2012</b> , 169, 710-7	3.6	127
13	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
12	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
11	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
10	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
9	Isolation and characterization of an apple cytosolic malate dehydrogenase gene reveal its function in malate synthesis. <i>Journal of Plant Physiology</i> , <b>2011</b> , 168, 474-80	3.6	89
8	MdVHP1 encodes an apple vacuolar H <sup>(+)</sup> -PPase and enhances stress tolerance in transgenic apple callus and tomato. <i>Journal of Plant Physiology</i> , <b>2011</b> , 168, 2124-33	3.6	38
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