

Jian-Ping An

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40
papers

1,304
citations

20
h-index

36
g-index

42
ext. papers

2,161
ext. citations

6.1
avg, IF

5.14
L-index

#	Paper	IF	Citations
40	The bZIP transcription factor MdHY5 regulates anthocyanin accumulation and nitrate assimilation in apple. <i>Horticulture Research</i> , 2017 , 4, 17023	7.7	117
39	Apple bZIP transcription factor MdbZIP44 regulates abscisic acid-promoted anthocyanin accumulation. <i>Plant, Cell and Environment</i> , 2018 , 41, 2678-2692	8.4	91
38	EIN3-LIKE1, MYB1, and ETHYLENE RESPONSE FACTOR3 Act in a Regulatory Loop That Synergistically Modulates Ethylene Biosynthesis and Anthocyanin Accumulation. <i>Plant Physiology</i> , 2018 , 178, 808-823	6.6	90
37	R2R3-MYB transcription factor MdMYB23 is involved in the cold tolerance and proanthocyanidin accumulation in apple. <i>Plant Journal</i> , 2018 , 96, 562-577	6.9	88
36	An apple MYB transcription factor regulates cold tolerance and anthocyanin accumulation and undergoes MIEL1-mediated degradation. <i>Plant Biotechnology Journal</i> , 2020 , 18, 337-353	11.6	75
35	Glucose Sensor MdHXX1 Phosphorylates and Stabilizes MdbHLH3 to Promote Anthocyanin Biosynthesis in Apple. <i>PLoS Genetics</i> , 2016 , 12, e1006273	6	74
34	The molecular cloning and functional characterization of MdMYC2, a bHLH transcription factor in apple. <i>Plant Physiology and Biochemistry</i> , 2016 , 108, 24-31	5.4	69
33	The ERF transcription factor MdERF38 promotes drought stress-induced anthocyanin biosynthesis in apple. <i>Plant Journal</i> , 2020 , 101, 573-589	6.9	65
32	MdWRKY40 promotes wounding-induced anthocyanin biosynthesis in association with MdMYB1 and undergoes MdbT2-mediated degradation. <i>New Phytologist</i> , 2019 , 224, 380-395	9.8	59
31	The Nitrate-Responsive Protein MdbT2 Regulates Anthocyanin Biosynthesis by Interacting with the MdMYB1 Transcription Factor. <i>Plant Physiology</i> , 2018 , 178, 890-906	6.6	58
30	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> , 2019 , 17, 2231-2233	11.6	47
29	An apple NAC transcription factor negatively regulates cold tolerance via CBF-dependent pathway. <i>Journal of Plant Physiology</i> , 2018 , 221, 74-80	3.6	44
28	An apple NAC transcription factor enhances salt stress tolerance by modulating the ethylene response. <i>Physiologia Plantarum</i> , 2018 , 164, 279-289	4.6	41
27	MdbHLH93, an apple activator regulating leaf senescence, is regulated by ABA and MdbT2 in antagonistic ways. <i>New Phytologist</i> , 2019 , 222, 735-751	9.8	39
26	MdHY5 positively regulates cold tolerance via CBF-dependent and CBF-independent pathways in apple. <i>Journal of Plant Physiology</i> , 2017 , 218, 275-281	3.6	35
25	Dynamic regulation of anthocyanin biosynthesis at different light intensities by the BT2-TCP46-MYB1 module in apple. <i>Journal of Experimental Botany</i> , 2020 , 71, 3094-3109	7	35
24	Apple RING E3 ligase MdMIEL1 inhibits anthocyanin accumulation by ubiquitinating and degrading MdMYB1 protein. <i>Plant and Cell Physiology</i> , 2017 , 58, 1953-1962	4.9	29

23	An Apple B-Box Protein MdBBX37 Modulates Anthocyanin Biosynthesis and Hypocotyl Elongation Synergistically with MdMYBs and MdHY5. <i>Plant and Cell Physiology</i> , 2020 , 61, 130-143	4.9	27
22	Apple F-Box Protein MdMAX2 Regulates Plant Photomorphogenesis and Stress Response. <i>Frontiers in Plant Science</i> , 2016 , 7, 1685	6.2	22
21	Cloning and elucidation of the functional role of apple MdLBD13 in anthocyanin biosynthesis and nitrate assimilation. <i>Plant Cell, Tissue and Organ Culture</i> , 2017 , 130, 47-59	2.7	21
20	Apple MdMYC2 reduces aluminum stress tolerance by directly regulating MdERF3 gene. <i>Plant and Soil</i> , 2017 , 418, 255-266	4.2	19
19	BTB protein MdbT2 inhibits anthocyanin and proanthocyanidin biosynthesis by triggering MdMYB9 degradation in apple. <i>Tree Physiology</i> , 2018 , 38, 1578-1587	4.2	19
18	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> , 2021 , 229, 2707-2729	9.8	18
17	Apple MdERF4 negatively regulates salt tolerance by inhibiting MdERF3 transcription. <i>Plant Science</i> , 2018 , 276, 181-188	5.3	15
16	ABI5 regulates ABA-induced anthocyanin biosynthesis by modulating the MYB1-bHLH3 complex in apple. <i>Journal of Experimental Botany</i> , 2021 , 72, 1460-1472	7	14
15	BTB/TAZ protein MdbT2 integrates multiple hormonal and environmental signals to regulate anthocyanin biosynthesis in apple. <i>Journal of Integrative Plant Biology</i> , 2020 , 62, 1643-1646	8.3	12
14	Ectopic expression of an apple cytochrome P450 gene MdCYP11 negatively regulates plant photomorphogenesis and stress response in Arabidopsis. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 483, 1-9	3.4	11
13	The apple C2H2-type zinc finger transcription factor MdZAT10 positively regulates JA-induced leaf senescence by interacting with MdbT2. <i>Horticulture Research</i> , 2021 , 8, 159	7.7	11
12	Apple RING finger E3 ubiquitin ligase MdMIEL1 negatively regulates salt and oxidative stresses tolerance 2017 , 60, 137-145		10
11	MdABI5 works with its interaction partners to regulate abscisic acid-mediated leaf senescence in apple. <i>Plant Journal</i> , 2021 , 105, 1566-1581	6.9	9
10	Genome-wide analysis and identification of the SMXL gene family in apple (<i>Malus domestica</i>). <i>Tree Genetics and Genomes</i> , 2018 , 14, 1	2.1	7
9	Phosphate regulates malate/citrate-mediated iron uptake and transport in apple. <i>Plant Science</i> , 2020 , 297, 110526	5.3	6
8	Jasmonate induces biosynthesis of anthocyanin and proanthocyanidin in apple by mediating the JAZ1-TRB1-MYB9 complex. <i>Plant Journal</i> , 2021 , 106, 1414-1430	6.9	6
7	Apple BT2 protein negatively regulates jasmonic acid-triggered leaf senescence by modulating the stability of MYC2 and JAZ2. <i>Plant, Cell and Environment</i> , 2021 , 44, 216-233	8.4	6
6	The C2H2-type zinc finger transcription factor MdZAT10 negatively regulates drought tolerance in apple. <i>Plant Physiology and Biochemistry</i> , 2021 , 167, 390-399	5.4	6

5	ABI4 interacts with ICE1 and JAZ proteins to regulate abscisic acid signaling-mediated cold tolerance in apple. <i>Journal of Experimental Botany</i> , 2021 ,	7	4
4	Phytochrome interacting factor MdPIF7 modulates anthocyanin biosynthesis and hypocotyl growth in apple.. <i>Plant Physiology</i> , 2022 ,	6.6	2
3	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> , 2020 , 140, 539-550	2.7	1
2	MdBZR1 regulates ABA response by modulating the expression of MdABI5 in apple. <i>Plant Cell Reports</i> , 2021 , 40, 1127-1139	5.1	1
1	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> , 2021 , 40, 1753-1763	4.7	0