

# Xiao-Fei Wang

## 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.

57  
papers

1,549  
citations

21  
h-index

39  
g-index

62  
ext. papers

2,540  
ext. citations

6.1  
avg, IF

5.27  
L-index

#	Paper	IF	Citations
57	Phytochrome interacting factor MdPIF7 modulates anthocyanin biosynthesis and hypocotyl growth in apple.. <i>Plant Physiology</i> , <b>2022</b> ,	6.6	2
56	Identification and characterization of apple MdNLP7 transcription factor in the nitrate response.. <i>Plant Science</i> , <b>2022</b> , 316, 111158	5.3	0
55	Genome-wide Identification and Comparative Analysis of Genes Encoding AAPs in Apple ( <i>Malus × domestica</i> Borkh.).. <i>Gene</i> , <b>2022</b> , 146558	3.8	
54	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
53	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
52	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
51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	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
43	Apple MdsAT1 encodes a bHLHm1 transcription factor involved in salinity and drought responses. <i>Planta</i> , <b>2021</b> , 253, 46	4.7	6
42	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
41	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

40	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
39	Unraveling a genetic roadmap for improved taste in the domesticated apple. <i>Molecular Plant</i> , <b>2021</b> , 14, 1454-1471	14.4	4
38	ABI4 interacts with ICE1 and JAZ proteins to regulate abscisic acid signaling-mediated cold tolerance in apple. <i>Journal of Experimental Botany</i> , <b>2021</b> ,	7	4
37	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
36	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
35	Phosphate regulates malate/citrate-mediated iron uptake and transport in apple. <i>Plant Science</i> , <b>2020</b> , 297, 110526	5.3	6
34	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
33	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
32	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
31	Functional identification of apple MdMYB2 gene in phosphate-starvation response. <i>Journal of Plant Physiology</i> , <b>2020</b> , 244, 153089	3.6	8
30	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
29	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
28	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
27	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
26	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
25	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
24	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
23	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

22	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
21	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
20	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
19	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
18	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
17	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
16	Apple MdERF4 negatively regulates salt tolerance by inhibiting MdERF3 transcription. <i>Plant Science</i> , <b>2018</b> , 276, 181-188	5.3	15
15	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
14	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
13	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
12	Ectopic expression of an apple cytochrome P450 gene MdCYPM1 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
11	Apple RING finger E3 ubiquitin ligase MdMIEL1 negatively regulates salt and oxidative stresses tolerance <b>2017</b> , 60, 137-145		10
10	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
9	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
8	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
7	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
6	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
5	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

4	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
3	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
2	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
1	MdARF8: An Auxin Response Factor Involved in Jasmonate Signaling Pathway in <i>Malus domestica</i> . <i>Journal of Plant Growth Regulation</i> , 1	4.7	0