

# Diqiu Yu

## List of Publications by Citations

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**Version:** 2024-04-28

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47  
papers

3,866  
citations

29  
h-index

50  
g-index

50  
ext. papers

5,302  
ext. citations

7.4  
avg, IF

5.9  
L-index

#	Paper	IF	Citations
47	The role of WRKY transcription factors in plant abiotic stresses. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2012</b> , 1819, 120-8	6	534
46	Jasmonate regulates the inducer of cbf expression-C-repeat binding factor/DRE binding factor1 cascade and freezing tolerance in Arabidopsis. <i>Plant Cell</i> , <b>2013</b> , 25, 2907-24	11.6	430
45	Arabidopsis WRKY57 functions as a node of convergence for jasmonic acid- and auxin-mediated signaling in jasmonic acid-induced leaf senescence. <i>Plant Cell</i> , <b>2014</b> , 26, 230-45	11.6	237
44	Jasmonate regulates leaf senescence and tolerance to cold stress: crosstalk with other phytohormones. <i>Journal of Experimental Botany</i> , <b>2017</b> , 68, 1361-1369	7	208
43	WRKY22 transcription factor mediates dark-induced leaf senescence in Arabidopsis. <i>Molecules and Cells</i> , <b>2011</b> , 31, 303-13	3.5	189
42	Arabidopsis transcription factor WRKY8 functions antagonistically with its interacting partner VQ9 to modulate salinity stress tolerance. <i>Plant Journal</i> , <b>2013</b> , 74, 730-45	6.9	180
41	WRKY8 transcription factor functions in the TMV-cg defense response by mediating both abscisic acid and ethylene signaling in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, E1963-71	11.5	166
40	BRASSINOSTEROID INSENSITIVE2 interacts with ABSCISIC ACID INSENSITIVE5 to mediate the antagonism of brassinosteroids to abscisic acid during seed germination in Arabidopsis. <i>Plant Cell</i> , <b>2014</b> , 26, 4394-408	11.6	161
39	Arabidopsis WRKY2 transcription factor mediates seed germination and postgermination arrest of development by abscisic acid. <i>BMC Plant Biology</i> , <b>2009</b> , 9, 96	5.3	144
38	Two bHLH Transcription Factors, bHLH34 and bHLH104, Regulate Iron Homeostasis in Arabidopsis thaliana. <i>Plant Physiology</i> , <b>2016</b> , 170, 2478-93	6.6	137
37	Overexpression of OsWRKY72 gene interferes in the abscisic acid signal and auxin transport pathway of Arabidopsis. <i>Journal of Biosciences</i> , <b>2010</b> , 35, 459-71	2.3	112
36	Selection of highly efficient sgRNAs for CRISPR/Cas9-based plant genome editing. <i>Scientific Reports</i> , <b>2016</b> , 6, 21451	4.9	106
35	Arabidopsis WRKY45 Interacts with the DELLA Protein RGL1 to Positively Regulate Age-Triggered Leaf Senescence. <i>Molecular Plant</i> , <b>2017</b> , 10, 1174-1189	14.4	100
34	Wounding-induced WRKY8 is involved in basal defense in Arabidopsis. <i>Molecular Plant-Microbe Interactions</i> , <b>2010</b> , 23, 558-65	3.6	100
33	Arabidopsis WRKY Transcription Factors WRKY12 and WRKY13 Oppositely Regulate Flowering under Short-Day Conditions. <i>Molecular Plant</i> , <b>2016</b> , 9, 1492-1503	14.4	94
32	bHLH transcription factor bHLH115 regulates iron homeostasis in Arabidopsis thaliana. <i>Journal of Experimental Botany</i> , <b>2017</b> , 68, 1743-1755	7	85
31	Uncovering miRNAs involved in crosstalk between nutrient deficiencies in Arabidopsis. <i>Scientific Reports</i> , <b>2015</b> , 5, 11813	4.9	67

30	The WRKY57 Transcription Factor Affects the Expression of Jasmonate ZIM-Domain Genes Transcriptionally to Compromise Botrytis cinerea Resistance. <i>Plant Physiology</i> , <b>2016</b> , 171, 2771-82	6.6	67
29	The DELLA-CONSTANS Transcription Factor Cascade Integrates Gibberellic Acid and Photoperiod Signaling to Regulate Flowering. <i>Plant Physiology</i> , <b>2016</b> , 172, 479-88	6.6	66
28	Transcription Factor WRKY75 Interacts with DELLA Proteins to Affect Flowering. <i>Plant Physiology</i> , <b>2018</b> , 176, 790-803	6.6	62
27	Arabidopsis WRKY2 and WRKY34 transcription factors interact with VQ20 protein to modulate pollen development and function. <i>Plant Journal</i> , <b>2017</b> , 91, 962-976	6.9	56
26	MYB82 functions in regulation of trichome development in Arabidopsis. <i>Journal of Experimental Botany</i> , <b>2014</b> , 65, 3215-23	7	51
25	POSITIVE REGULATOR OF IRON HOMEOSTASIS1, OsPRI1, Facilitates Iron Homeostasis. <i>Plant Physiology</i> , <b>2017</b> , 175, 543-554	6.6	47
24	The bHLH Transcription Factors MYC2, MYC3, and MYC4 Are Required for Jasmonate-Mediated Inhibition of Flowering in Arabidopsis. <i>Molecular Plant</i> , <b>2017</b> , 10, 1461-1464	14.4	40
23	Overexpression of the stress-induced OsWRKY08 improves osmotic stress tolerance in Arabidopsis. <i>Science Bulletin</i> , <b>2009</b> , 54, 4671-4678	10.6	37
22	Arabidopsis VQ motif-containing proteins VQ12 and VQ29 negatively modulate basal defense against Botrytis cinerea. <i>Scientific Reports</i> , <b>2015</b> , 5, 14185	4.9	36
21	WRKY13 acts in stem development in Arabidopsis thaliana. <i>Plant Science</i> , <b>2015</b> , 236, 205-13	5.3	33
20	The Transcription Factor INDUCER OF CBF EXPRESSION1 Interacts with ABSCISIC ACID INSENSITIVE5 and DELLA Proteins to Fine-Tune Abscisic Acid Signaling during Seed Germination in Arabidopsis. <i>Plant Cell</i> , <b>2019</b> , 31, 1520-1538	11.6	31
19	Arabidopsis VQ18 and VQ26 proteins interact with ABI5 transcription factor to negatively modulate ABA response during seed germination. <i>Plant Journal</i> , <b>2018</b> , 95, 529-544	6.9	30
18	bHLH104 confers tolerance to cadmium stress in Arabidopsis thaliana. <i>Journal of Integrative Plant Biology</i> , <b>2018</b> , 60, 691-702	8.3	29
17	Elevated levels of MYB30 in the phloem accelerate flowering in Arabidopsis through the regulation of FLOWERING LOCUS T. <i>PLoS ONE</i> , <b>2014</b> , 9, e89799	3.7	27
16	Arabidopsis Class II TCP Transcription Factors Integrate with the FT-FD Module to Control Flowering. <i>Plant Physiology</i> , <b>2019</b> , 181, 97-111	6.6	26
15	Jasmonate Negatively Regulates Stomatal Development in Arabidopsis Cotyledons. <i>Plant Physiology</i> , <b>2018</b> , 176, 2871-2885	6.6	26
14	Oryza sativa POSITIVE REGULATOR OF IRON DEFICIENCY RESPONSE 2 (OsPRI2) and OsPRI3 are involved in the maintenance of Fe homeostasis. <i>Plant, Cell and Environment</i> , <b>2020</b> , 43, 261-274	8.4	25
13	Molecular Mechanism Underlying the Synergetic Effect of Jasmonate on Abscisic Acid Signaling during Seed Germination in Arabidopsis. <i>Plant Cell</i> , <b>2020</b> , 32, 3846-3865	11.6	24

12	Arabidopsis VQ10 interacts with WRKY8 to modulate basal defense against Botrytis cinerea. <i>Journal of Integrative Plant Biology</i> , <b>2018</b> , 60, 956-969	8.3	18
11	Two DELLA-interacting proteins bHLH48 and bHLH60 regulate flowering under long-day conditions in Arabidopsis thaliana. <i>Journal of Experimental Botany</i> , <b>2017</b> , 68, 2757-2767	7	15
10	Oryza sativa FER-LIKE FE DEFICIENCY-INDUCED TRANSCRIPTION FACTOR (OsFIT/OsbHLH156) interacts with OsIRO2 to regulate iron homeostasis. <i>Journal of Integrative Plant Biology</i> , <b>2020</b> , 62, 668-689	8.3	14
9	Melatonin inhibits seed germination by crosstalk with abscisic acid, gibberellin, and auxin in Arabidopsis. <i>Journal of Pineal Research</i> , <b>2021</b> , 70, e12736	10.4	14
8	The transcription factor WRKY75 positively regulates jasmonate-mediated plant defense to necrotrophic fungal pathogens. <i>Journal of Experimental Botany</i> , <b>2021</b> , 72, 1473-1489	7	13
7	WRKY transcription factors WRKY12 and WRKY13 interact with SPL10 to modulate age-mediated flowering. <i>Journal of Integrative Plant Biology</i> , <b>2020</b> , 62, 1659-1673	8.3	12
6	ERF1 delays flowering through direct inhibition of FLOWERING LOCUS T expression in Arabidopsis. <i>Journal of Integrative Plant Biology</i> , <b>2021</b> , 63, 1712-1723	8.3	5
5	positively regulates age-triggered leaf senescence through gibberellin pathway. <i>Plant Diversity</i> , <b>2021</b> , 43, 331-340	2.9	4
4	The Arabidopsis CCCH protein C3H14 contributes to basal defense against Botrytis cinerea mainly through the WRKY33-dependent pathway. <i>Plant, Cell and Environment</i> , <b>2020</b> , 43, 1792-1806	8.4	3
3	Arabidopsis SIGMA FACTOR BINDING PROTEINS function antagonistically to WRKY75 in abscisic acid-mediated leaf senescence and seed germination. <i>Journal of Experimental Botany</i> , <b>2021</b> ,	7	2
2	FER-LIKE FE DEFICIENCY-INDUCED TRANSCRIPTION FACTOR (OsFIT) interacts with OsIRO2 to regulate iron homeostasis		1
1	Iron deficiency-induced transcription factors bHLH38/100/101 negatively modulate flowering time in Arabidopsis thaliana. <i>Plant Science</i> , <b>2021</b> , 308, 110929	5.3	0