

Yiting Shi

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

5,957
citations

201575

27
h-index

395590

33
g-index

33
all docs

33
docs citations

33
times ranked

4507
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of light and temperature signaling pathways in plants. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 393-411.	4.1	25
2	The transcription factor <i>ZIP68</i> negatively regulates cold tolerance in maize. <i>Plant Cell</i> , 2022, 34, 2833-2851.	3.1	42
3	Reciprocal regulation between the negative regulator PP2CG1 phosphatase and the positive regulator OST1 kinase confers cold response in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2021, 63, 1568-1587.	4.1	19
4	The direct targets of CBFs: In cold stress response and beyond. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 1874-1887.	4.1	68
5	The CRY2-COP1-HY5-BBX7/8 module regulates blue light-dependent cold acclimation in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2021, 33, 3555-3573.	3.1	49
6	Natural variation in a type-A response regulator confers maize chilling tolerance. <i>Nature Communications</i> , 2021, 12, 4713.	5.8	63
7	HITAC-seq enables high-throughput cost-effective sequencing of plasmids and DNA fragments with identity. <i>Journal of Genetics and Genomics</i> , 2021, 48, 671-680.	1.7	2
8	The calcium transporter ANNEXIN1 mediates cold-induced calcium signaling and freezing tolerance in plants. <i>EMBO Journal</i> , 2021, 40, e104559.	3.5	99
9	The cold response regulator CBF1 promotes <i>Arabidopsis</i> hypocotyl growth at ambient temperatures. <i>EMBO Journal</i> , 2020, 39, e103630.	3.5	49
10	Plant abiotic stress response and nutrient use efficiency. <i>Science China Life Sciences</i> , 2020, 63, 635-674.	2.3	689
11	Molecular Regulation of Plant Responses to Environmental Temperatures. <i>Molecular Plant</i> , 2020, 13, 544-564.	3.9	346
12	Cold-Induced CBF-PIF3 Interaction Enhances Freezing Tolerance by Stabilizing the phyB Thermosensor in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2020, 13, 894-906.	3.9	128
13	BRASSINOSTEROID-INSENSITIVE2 Negatively Regulates the Stability of Transcription Factor ICE1 in Response to Cold Stress in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2019, 31, tpc.00058.2019.	3.1	110
14	PUB25 and PUB26 Promote Plant Freezing Tolerance by Degrading the Cold Signaling Negative Regulator MYB15. <i>Developmental Cell</i> , 2019, 51, 222-235.e5.	3.1	105
15	Advances and challenges in uncovering cold tolerance regulatory mechanisms in plants. <i>New Phytologist</i> , 2019, 222, 1690-1704.	3.5	512
16	<i>EGR2</i> phosphatase regulates <i>OST1</i> kinase activity and freezing tolerance in <i>Arabidopsis</i> . <i>EMBO Journal</i> , 2019, 38, .	3.5	100
17	<i>OST1</i> -mediated <i>BTF3L</i> phosphorylation positively regulates <i>CBFs</i> during plant cold responses. <i>EMBO Journal</i> , 2018, 37, .	3.5	134
18	Insights into the regulation of C-repeat binding factors in plant cold signaling. <i>Journal of Integrative Plant Biology</i> , 2018, 60, 780-795.	4.1	140

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19	Molecular Regulation of CBF Signaling in Cold Acclimation. <i>Trends in Plant Science</i> , 2018, 23, 623-637.	4.3	508
20	The Antagonistic Action of Abscisic Acid and Cytokinin Signaling Mediates Drought Stress Response in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2018, 11, 970-982.	3.9	217
21	BZR1 Positively Regulates Freezing Tolerance via CBF-Dependent and CBF-Independent Pathways in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2017, 10, 545-559.	3.9	262
22	Long-chain base kinase1 affects freezing tolerance in <i>Arabidopsis thaliana</i> . <i>Plant Science</i> , 2017, 259, 94-103.	1.7	17
23	Plasma Membrane CRPK1-Mediated Phosphorylation of 14-3-3 Proteins Induces Their Nuclear Import to Fine-Tune CBF Signaling during Cold Response. <i>Molecular Cell</i> , 2017, 66, 117-128.e5.	4.5	281
24	MPK3- and MPK6-Mediated ICE1 Phosphorylation Negatively Regulates ICE1 Stability and Freezing Tolerance in <i>Arabidopsis</i> . <i>Developmental Cell</i> , 2017, 43, 630-642.e4.	3.1	322
25	PIF3 is a negative regulator of the <i>CBF</i> pathway and freezing tolerance in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6695-E6702.	3.3	215
26	ABI4 represses the expression of type- ϵ <i>ARRs</i> to inhibit seed germination in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2017, 89, 354-365.	2.8	100
27	The <i>cbf3</i> triple mutants reveal the essential functions of <i>CBFs</i> in cold acclimation and allow the definition of <i>CBF</i> regulons in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2016, 212, 345-353.	3.5	360
28	The <i>Arabidopsis</i> RCC1 Family Protein TCF1 Regulates Freezing Tolerance and Cold Acclimation through Modulating Lignin Biosynthesis. <i>PLoS Genetics</i> , 2015, 11, e1005471.	1.5	92
29	One SNP in COLD1 Determines Cold Tolerance during Rice Domestication. <i>Journal of Genetics and Genomics</i> , 2015, 42, 133-134.	1.7	10
30	COLD1: a cold sensor in rice. <i>Science China Life Sciences</i> , 2015, 58, 409-410.	2.3	15
31	Cold Signal Transduction and its Interplay with Phytohormones During Cold Acclimation. <i>Plant and Cell Physiology</i> , 2015, 56, 7-15.	1.5	274
32	The glutamate carboxypeptidase AMP 1 mediates abscisic acid and abiotic stress responses in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2013, 199, 135-150.	3.5	35
33	Ethylene Signaling Negatively Regulates Freezing Tolerance by Repressing Expression of <i>CBF</i> and Type-A <i>ARR</i> Genes in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 2578-2595.	3.1	569