

Yiting Shi

List of Publications by Year in descending order

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33
papers

5,957
citations

201575

27
h-index

395590

33
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33
all docs

33
docs citations

33
times ranked

4507
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant abiotic stress response and nutrient use efficiency. <i>Science China Life Sciences</i> , 2020, 63, 635-674.	2.3	689
2	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
3	Advances and challenges in uncovering cold tolerance regulatory mechanisms in plants. <i>New Phytologist</i> , 2019, 222, 1690-1704.	3.5	512
4	Molecular Regulation of CBF Signaling in Cold Acclimation. <i>Trends in Plant Science</i> , 2018, 23, 623-637.	4.3	508
5	The <i>cbfs</i> triple mutants reveal the essential functions of <i>CBF</i> s 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
6	Molecular Regulation of Plant Responses to Environmental Temperatures. <i>Molecular Plant</i> , 2020, 13, 544-564.	3.9	346
7	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
8	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
9	Cold Signal Transduction and its Interplay with Phytohormones During Cold Acclimation. <i>Plant and Cell Physiology</i> , 2015, 56, 7-15.	1.5	274
10	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
11	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
12	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
13	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
14	OST-mediated BTF 3L phosphorylation positively regulates <i>CBF</i> s during plant cold responses. <i>EMBO Journal</i> , 2018, 37, .	3.5	134
15	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
16	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
17	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
18	ABI4 represses the expression of type-A <i>ARRs</i> to inhibit seed germination in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2017, 89, 354-365.	2.8	100

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19	<sc>EGR</sc> 2 phosphatase regulates <sc>OST</sc> 1 kinase activity and freezing tolerance in <i>Arabidopsis</i>. EMBO Journal, 2019, 38, .	3.5	100
20	The calcium transporter ANNEXIN1 mediates cold-induced calcium signaling and freezing tolerance in plants. EMBO Journal, 2021, 40, e104559.	3.5	99
21	The Arabidopsis RCC1 Family Protein TCF1 Regulates Freezing Tolerance and Cold Acclimation through Modulating Lignin Biosynthesis. PLoS Genetics, 2015, 11, e1005471.	1.5	92
22	The direct targets of CBFs: In cold stress response and beyond. Journal of Integrative Plant Biology, 2021, 63, 1874-1887.	4.1	68
23	Natural variation in a type-A response regulator confers maize chilling tolerance. Nature Communications, 2021, 12, 4713.	5.8	63
24	The cold response regulator CBF1 promotes <i>Arabidopsis</i> hypocotyl growth at ambient temperatures. EMBO Journal, 2020, 39, e103630.	3.5	49
25	The CRY2-COP1-HY5-BBX7/8 module regulates blue light-dependent cold acclimation in Arabidopsis. Plant Cell, 2021, 33, 3555-3573.	3.1	49
26	The transcription factor <i>bZIP68</i> negatively regulates cold tolerance in maize. Plant Cell, 2022, 34, 2833-2851.	3.1	42
27	The glutamate carboxypeptidase AMP 1 mediates abscisic acid and abiotic stress responses in Arabidopsis. New Phytologist, 2013, 199, 135-150.	3.5	35
28	Integration of light and temperature signaling pathways in plants. Journal of Integrative Plant Biology, 2022, 64, 393-411.	4.1	25
29	Reciprocal regulation between the negative regulator PP2CG1 phosphatase and the positive regulator OST1 kinase confers cold response in <i>Arabidopsis</i>. Journal of Integrative Plant Biology, 2021, 63, 1568-1587.	4.1	19
30	Long-chain base kinase1 affects freezing tolerance in Arabidopsis thaliana. Plant Science, 2017, 259, 94-103.	1.7	17
31	COLD1: a cold sensor in rice. Science China Life Sciences, 2015, 58, 409-410.	2.3	15
32	One SNP in COLD1 Determines Cold Tolerance during Rice Domestication. Journal of Genetics and Genomics, 2015, 42, 133-134.	1.7	10
33	HITAC-seq enables high-throughput cost-effective sequencing of plasmids and DNA fragments with identity. Journal of Genetics and Genomics, 2021, 48, 671-680.	1.7	2