Jian Hua

List of Publications by Year
in descending order

61 papers	3,280 citations	159525 30 h-index	155592 55 g-index
62 all docs	62 docs citations	62 times ranked	3796 citing authors

#	Article	IF	Citations
1	A Haplotype-Specific Resistance Gene Regulated by BONZAI1 Mediates Temperature-Dependent Growth Control in Arabidopsis. Plant Cell, 2004, 16, 1060-1071.	3.1	292
2	Temperature Modulates Plant Defense Responses through NB-LRR Proteins. PLoS Pathogens, 2010, 6, e1000844.	2.1	256
3	Analysis of Temperature Modulation of Plant Defense Against Biotrophic Microbes. Molecular Plant-Microbe Interactions, 2009, 22, 498-506.	1.4	251
4	Modulation of plant immunity by light, circadian rhythm, and temperature. Current Opinion in Plant Biology, 2013, 16, 406-413.	3.5	151
5	The C2 domain protein BAP1 negatively regulates defense responses in Arabidopsis. Plant Journal, 2006, 48, 238-248.	2.8	134
6	The Fâ€box protein CPR1/CPR30 negatively regulates R protein SNC1 accumulation. Plant Journal, 2012, 69, 411-420.	2.8	128
7	From freezing to scorching, transcriptional responses to temperature variations in plants. Current Opinion in Plant Biology, 2009, 12, 568-573.	3.5	113
8	PUB25 and PUB26 Promote Plant Freezing Tolerance by Degrading the Cold Signaling Negative Regulator MYB15. Developmental Cell, 2019, 51, 222-235.e5.	3.1	105
9	Abscisic Acid Deficiency Antagonizes High-Temperature Inhibition of Disease Resistance through Enhancing Nuclear Accumulation of Resistance Proteins SNC1 and RPS4 in <i>Arabidopsis</i>. Plant Cell, 2012, 24, 1271-1284.	3.1	104
10	TheBON/CPNgene family represses cell death and promotes cell growth in Arabidopsis. Plant Journal, 2006, 45, 166-179.	2.8	101
11	<scp>EGR</scp> 2 phosphatase regulates <scp>OST</scp> 1 kinase activity and freezing tolerance in <i>Arabidopsis</i>. EMBO Journal, 2019, 38, .	3.5	100
12	The Arabidopsis<i>BAP1</i>and<i>BAP2</i>Genes Are General Inhibitors of Programmed Cell Death. Plant Physiology, 2007, 145, 135-146.	2.3	98
13	Monoubiquitination of Histone 2B at the Disease Resistance Gene Locus Regulates Its Expression and Impacts Immune Responses in Arabidopsis Â Â Â. Plant Physiology, 2014, 165, 309-318.	2.3	96
14	CYCLIC NUCLEOTIDE-GATED ION CHANNELs 14 and 16 Promote Tolerance to Heat and Chilling in Rice. Plant Physiology, 2020, 183, 1794-1808.	2.3	93
15	Natural variation reveals that OsSAP16 controls low-temperature germination in rice. Journal of Experimental Botany, 2018, 69, 413-421.	2.4	81
16	Calcium Pumps and Interacting BON1 Protein Modulate Calcium Signature, Stomatal Closure, and Plant Immunity. Plant Physiology, 2017, 175, 424-437.	2.3	66
17	The TIR-NB-LRR Gene SNC1 Is Regulated at the Transcript Level by Multiple Factors. Molecular Plant-Microbe Interactions, 2007, 20, 1449-1456.	1.4	59
18	Gene Discovery Using Mutagen-Induced Polymorphisms and Deep Sequencing: Application to Plant Disease Resistance. Genetics, 2012, 192, 139-146.	1.2	59

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19	A moderate decrease in temperature induces <i>COR15a</i> expression through the CBF signaling cascade and enhances freezing tolerance. Plant Journal, 2009, 60, 340-349.	2.8	54
20	Multiple <i>R</i>-Like Genes Are Negatively Regulated by <i>BON1</i> and <i>BON3</i> in <i>Arabidopsis</i>. Molecular Plant-Microbe Interactions, 2009, 22, 840-848.	1.4	51
21	Perturbation of cell cycle regulation triggers plant immune response via activation of disease resistance genes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2407-2412.	3.3	50
22	HOS15 and HDA9 negatively regulate immunity through histone deacetylation of intracellular immune receptor NLR genes in Arabidopsis. New Phytologist, 2020, 226, 507-522.	3.5	48
23	Chloroplast RNA-Binding Protein RBD1 Promotes Chilling Tolerance through 23S rRNA Processing in Arabidopsis. PLoS Genetics, 2016, 12, e1006027.	1.5	45
24	Sumoylation E3 Ligase SIZ1 Modulates Plant Immunity Partly through the Immune Receptor Gene <i>SNC1</i> in <i>Arabidopsis</i>. Molecular Plant-Microbe Interactions, 2017, 30, 334-342.	1.4	42
25	<scp>MOS</scp>1 functions closely with <scp>TCP</scp> transcription factors to modulate immunity and cell cycle in Arabidopsis. Plant Journal, 2018, 93, 66-78.	2.8	42
26	The Arabidopsis Chromatin-Remodeling Factor CHR5 Regulates Plant Immune Responses and Nucleosome Occupancy. Plant and Cell Physiology, 2017, 58, 2202-2216.	1.5	40
27	Low Temperature Enhances Plant Immunity via Salicylic Acid Pathway Genes That Are Repressed by Ethylene. Plant Physiology, 2020, 182, 626-639.	2.3	40
28	BONZAI Proteins Control Global Osmotic Stress Responses in Plants. Current Biology, 2020, 30, 4815-4825.e4.	1.8	39
29	Endopolyploidization and flowering time are antagonistically regulated by checkpoint component MAD1 and immunity modulator MOS1. Nature Communications, 2014, 5, 5628.	5.8	37
30	Genotyping-by-sequencing of Brassica oleracea vegetables reveals unique phylogenetic patterns, population structure and domestication footprints. Horticulture Research, 2018, 5, 38.	2.9	37
31	Overlapping and differential roles of plasma membrane calcium ATPases in Arabidopsis growth and environmental responses. Journal of Experimental Botany, 2018, 69, 2693-2703.	2.4	35
32	Complex regulation of anRgeneSNC1revealed by autoimmune mutants. Plant Signaling and Behavior, 2012, 7, 213-216.	1.2	34
33	Induction of <i>BAP1</i> by a Moderate Decrease in Temperature Is Mediated by <i>ICE1</i> in Arabidopsis. Plant Physiology, 2011, 155, 580-588.	2.3	31
34	Rice copine genes <i>Os<scp>BON</scp>1</i> and <i>Os<scp>BON</scp>3</i> function as suppressors of broadâ€spectrum disease resistance. Plant Biotechnology Journal, 2018, 16, 1476-1487.	4.1	27
35	Opposing effects on two phases of defense responses from concerted actions of HSC70 and BON1 in Arabidopsis. Plant Physiology, 2015, 169, pp.00970.2015.	2.3	26
36	Silencing of copine genes confers common wheat enhanced resistance to powdery mildew. Molecular Plant Pathology, 2018, 19, 1343-1352.	2.0	25

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37	Interaction of CPR5 with Cell Cycle Regulators UVI4 and OSD1 in Arabidopsis. PLoS ONE, 2014, 9, e100347.	1.1	24
38	Requirement of Calcium Binding, Myristoylation, and Protein-Protein Interaction for the Copine BON1 Function in Arabidopsis. Journal of Biological Chemistry, 2010, 285, 29884-29891.	1.6	23
39	Nuclear pore complex components have temperatureâ€influenced roles in plant growth and immunity. Plant, Cell and Environment, 2020, 43, 1452-1466.	2.8	20
40	Polymorphisms in <i>cis</i>â€elements confer <i>SAUR26</i> gene expression difference for thermoâ€response natural variation in Arabidopsis. New Phytologist, 2021, 229, 2751-2764.	3.5	19
41	Natural variations of growth thermoâ€responsiveness determined by <scp>SAUR</scp>26/27/28 proteins in <i>Arabidopsis thaliana</i>. New Phytologist, 2019, 224, 291-305.	3.5	16
42	Arabidopsis immune-associated nucleotide-binding genes repress heat tolerance at the reproductive stage by inhibiting the unfolded protein response and promoting cell death. Molecular Plant, 2021, 14, 267-284.	3.9	15
43	Reduction of the canonical function of a glycolytic enzyme enolase triggers immune responses that further affect metabolism and growth in Arabidopsis. Plant Cell, 2022, 34, 1745-1767.	3.1	15
44	N4-acetyldeoxycytosine DNA modification marks euchromatin regions in Arabidopsis thaliana. Genome Biology, 2022, 23, 5.	3.8	14
45	Linking the Cell Cycle with Innate Immunity in Arabidopsis. Molecular Plant, 2015, 8, 980-982.	3.9	13
46	Identification and analysis of copine/BONZAI proteins among evolutionarily diverse plant species. Genome, 2016, 59, 565-573.	0.9	12
47	A Role of Cytokinin Transporter in <i>Arabidopsis</i> Immunity. Molecular Plant-Microbe Interactions, 2017, 30, 325-333.	1.4	12
48	A Meta-Analysis Reveals Opposite Effects of Biotic and Abiotic Stresses on Transcript Levels of Arabidopsis Intracellular Immune Receptor Genes. Frontiers in Plant Science, 2021, 12, 625729.	1.7	12
49	Cell autonomous and non-autonomous functions of plant intracellular immune receptors in stomatal defense andÂapoplastic defense. PLoS Pathogens, 2019, 15, e1008094.	2.1	11
50	Measuring Cell Ploidy Level in Arabidopsis thaliana by Flow Cytometry. Methods in Molecular Biology, 2019, 1991, 101-106.	0.4	11
51	HsfA1d promotes hypocotyl elongation under chilling via enhancing expression of ribosomal protein genes in Arabidopsis. New Phytologist, 2021, 231, 646-660.	3.5	11
52	Interactive Effects of Light Quality and Temperature on Arabidopsis Growth and Immunity. Plant and Cell Physiology, 2020, 61, 933-941.	1.5	10
53	Dehydration-Responsive Element Binding Protein 1C, 1E, and 1G Promote Stress Tolerance to Chilling, Heat, Drought, and Salt in Rice. Frontiers in Plant Science, 2022, 13, .	1.7	10
54	Defining roles of tandemly arrayed <i>CBF</i> genes in freezing tolerance with new genome editing tools. New Phytologist, 2016, 212, 301-302.	3.5	7

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55	Heterologous expression of the Haynaldia villosa pattern-recognition receptor CERK1-V in wheat increases resistance to three fungal diseases. Crop Journal, 2022, 10, 1733-1745.	2.3	7
56	ISWI chromatin remodeling factors repress PAD4-mediated plant immune responses in Arabidopsis. Biochemical and Biophysical Research Communications, 2021, 583, 63-70.	1.0	5
57	Expression and promoter analysis of the OsHSP16.9C gene in rice. Biochemical and Biophysical Research Communications, 2016, 479, 260-265.	1.0	4
58	Mapping and Cloning of Chemical Induced Mutations by Whole-Genome Sequencing of Bulked Segregants. Methods in Molecular Biology, 2017, 1578, 285-289.	0.4	4
59	Identification and expression analysis of chloroplast ribonucleoproteins (cpRNPs) in Arabidopsis and rice. Genome, 2021, 64, 515-524.	0.9	4
60	Tissue-level transcriptomic responses to local and distal chilling reveal potential chilling survival mechanisms in maize. Journal of Experimental Botany, 2021, , .	2.4	4
61	In situ deletions reveal regulatory components for expression of an intracellular immune receptor gene and its coâ€expressed genes in Arabidopsis. Plant, Cell and Environment, 2022, , .	2.8	2