

Jianhua Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,373
citations

567281

15
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

2762
citing authors

#	ARTICLE	IF	CITATIONS
1	Abiotic stress responses in plants. <i>Nature Reviews Genetics</i> , 2022, 23, 104-119.	16.3	710
2	Heat stress induction of <i>miR398</i> triggers a regulatory loop that is critical for thermotolerance in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2013, 74, 840-851.	5.7	330
3	An atypical R2R3 MYB transcription factor increases cold hardiness by CBF-dependent and CBF-independent pathways in apple. <i>New Phytologist</i> , 2018, 218, 201-218.	7.3	217
4	C-terminal domain phosphatase-like family members (AtCPLs) differentially regulate <i>Arabidopsis thaliana</i> abiotic stress signaling, growth, and development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10893-10898.	7.1	146
5	A DEAD Box RNA Helicase Is Critical for Pre-mRNA Splicing, Cold-Responsive Gene Regulation, and Cold Tolerance in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 342-356.	6.6	141
6	The bZip transcription factor <i>HY5</i> mediates CRY1a-induced anthocyanin biosynthesis in tomato. <i>Plant, Cell and Environment</i> , 2018, 41, 1762-1775.	5.7	138
7	The Protein Phosphatase RCF2 and Its Interacting Partner NAC019 Are Critical for Heat Stress-Responsive Gene Regulation and Thermotolerance in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 438-453.	6.6	133
8	A cellulose synthase-like protein is required for osmotic stress tolerance in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2010, 63, no-no.	5.7	113
9	An <i>Arabidopsis</i> PWI and RRM motif-containing protein is critical for pre-mRNA splicing and ABA responses. <i>Nature Communications</i> , 2015, 6, 8139.	12.8	105
10	Carotenoids biosynthesis and cleavage related genes from bacteria to plants. <i>Critical Reviews in Food Science and Nutrition</i> , 2018, 58, 2314-2333.	10.3	74
11	Spliceosomal protein U1A is involved in alternative splicing and salt stress tolerance in <i>Arabidopsis thaliana</i> . <i>Nucleic Acids Research</i> , 2018, 46, 1777-1792.	14.5	57
12	A KH Domain-Containing Putative RNA-Binding Protein Is Critical for Heat Stress-Responsive Gene Regulation and Thermotolerance in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2013, 6, 386-395.	8.3	54
13	The tomato 2-oxoglutarate-dependent dioxygenase gene SIF3HL is critical for chilling stress tolerance. <i>Horticulture Research</i> , 2019, 6, 45.	6.3	45
14	The <i>Arabidopsis</i> Vacuolar Sorting Receptor1 Is Required for Osmotic Stress-Induced Abscisic Acid Biosynthesis. <i>Plant Physiology</i> , 2014, 167, 137-152.	4.8	41
15	Transcriptomic insights into the heat stress response of <i>Dunaliella bardawil</i> . <i>Enzyme and Microbial Technology</i> , 2020, 132, 109436.	3.2	33
16	Overexpression of SIBBX17 affects plant growth and enhances heat tolerance in tomato. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 799-811.	7.5	19
17	Identification, Classification, and Expression Analysis of the Triacylglycerol Lipase (TGL) Gene Family Related to Abiotic Stresses in Tomato. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1387.	4.1	9
18	Two Triacylglycerol Lipases Are Negative Regulators of Chilling Stress Tolerance in <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 3380.	4.1	4

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19	Modulation of plant development and chilling stress responses by alternative splicing events under control of the spliceosome protein SmEb in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2022, 45, 2762-2779.	5.7	4