Huapeng Zhou

List of Publications by Year
in descending order

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27	1,326	516681 16	526264 27
papers	citations	h-index	g-index

27	27	27	1405
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regulation of Plant Responses to Salt Stress. International Journal of Molecular Sciences, 2021, 22, 4609.	4.1	361
2	Inhibition of the Arabidopsis Salt Overly Sensitive Pathway by 14-3-3 Proteins Â. Plant Cell, 2014, 26, 1166-1182.	6.6	193
3	Transcription factor HAT1 is a substrate of SnRK2.3 kinase and negatively regulates ABA synthesis and signaling in Arabidopsis responding to drought. PLoS Genetics, 2018, 14, e1007336.	3.5	92
4	The GSK3-like Kinase BIN2 Is a Molecular Switch between the Salt Stress Response and Growth Recovery in Arabidopsis thaliana. Developmental Cell, 2020, 55, 367-380.e6.	7.0	85
5	UBIQUITIN-SPECIFIC PROTEASE16 Modulates Salt Tolerance in Arabidopsis by Regulating Na+/H+ Antiport Activity and Serine Hydroxymethyltransferase Stability Â. Plant Cell, 2013, 24, 5106-5122.	6.6	83
6	ABI5 modulates seed germination via feedback regulation of the expression of the PYR/PYL/RCAR ABA receptor genes. New Phytologist, 2020, 228, 596-608.	7.3	78
7	UBIQUITIN-SPECIFIC PROTEASES function in plant development and stress responses. Plant Molecular Biology, 2017, 94, 565-576.	3.9	55
8	Stability and localization of 14-3-3 proteins are involved in salt tolerance in Arabidopsis. Plant Molecular Biology, 2016, 92, 391-400.	3.9	54
9	SUMOylation of MYB30 enhances salt tolerance by elevating alternative respiration via transcriptionally upregulating AOX1a in Arabidopsis. Plant Journal, 2020, 102, 1157-1171.	5.7	50
10	Ubiquitinâ€specific protease 24 negatively regulates abscisic acid signalling in <scp>Arabidopsis thaliana</scp>. Plant, Cell and Environment, 2016, 39, 427-440.	5.7	33
11	ABSCISIC ACID INSENSITIVE3 Is Involved in Cold Response and Freezing Tolerance Regulation in Physcomitrella patens. Frontiers in Plant Science, 2017, 8, 1599.	3.6	24
12	Patellin1 Negatively Modulates Salt Tolerance by Regulating PM Na+/H+ Antiport Activity and Cellular Redox Homeostasis in Arabidopsis. Plant and Cell Physiology, 2018, 59, 1630-1642.	3.1	23
13	The MIEL1â€ABI5/MYB30 regulatory module fine tunes abscisic acid signaling during seed germination. Journal of Integrative Plant Biology, 2022, 64, 930-941.	8.5	23
14	UBIQUITIN-SPECIFIC PROTEASE16 interacts with a HEAVY METAL ASSOCIATED ISOPRENYLATED PLANT PROTEIN27 and modulates cadmium tolerance. Plant Signaling and Behavior, 2013, 8, e25680.	2.4	22
15	Efficient modulation of photosynthetic apparatus confers desiccation tolerance in the resurrection plant Boea hygrometrica. Plant and Cell Physiology, 2017, 58, 1976-1990.	3.1	21
16	PAMP-INDUCED SECRETED PEPTIDE 3 modulates salt tolerance through RECEPTOR-LIKE KINASE 7 in plants. Plant Cell, 2022, 34, 927-944.	6.6	21
17	Patellin protein family functions in plant development and stress response. Journal of Plant Physiology, 2019, 234-235, 94-97.	3.5	19
18	MYB30 and ETHYLENE INSENSITIVE3 antagonistically modulate root hair growth in Arabidopsis. Plant Journal, 2021, 106, 480-492.	5.7	18

#	Article	IF	Citations
19	OTS1â€dependent deSUMOylation increases tolerance to high copper levels in Arabidopsis. Journal of Integrative Plant Biology, 2018, 60, 310-322.	8.5	16
20	Overexpression of PvWOX3a in switchgrass promotes stem development and increases plant height. Horticulture Research, 2021, 8, 252.	6.3	11
21	Anthocyanins: from biosynthesis regulation to crop improvement. Botany Letters, 2021, 168, 546-557.	1.4	9
22	SIMP1 modulates salt tolerance by elevating ERAD efficiency through UMP1Aâ€mediated proteasome maturation in plants. New Phytologist, 2021, 232, 625-641.	7.3	9
23	A Functional Alternative Oxidase Modulates Plant Salt Tolerance in Physcomitrella patens. Plant and Cell Physiology, 2019, 60, 1829-1841.	3.1	8
24	MYB30 and ETHYLENE INSENEITIVE3 antagonistically regulate root hair growth and phosphorus uptake under phosphate deficiency in Arabidopsis. Plant Signaling and Behavior, 2021, 16, 1913310.	2.4	8
25	Protein kinase PpCIPK1 modulates plant salt tolerance in Physcomitrella patens. Plant Molecular Biology, 2021, 105, 685-696.	3.9	4
26	Patellin1 negatively regulates plant salt tolerance by attenuating nitric oxide accumulation in Arabidopsis. Plant Signaling and Behavior, 2019, 14, 1675472.	2.4	3
27	PpAOX regulates ER stress tolerance in Physcomitrella patens. Journal of Plant Physiology, 2020, 251, 153218.	3.5	3