

Zhi-Liang Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,537
citations

471509

17
h-index

501196

28
g-index

31
all docs

31
docs citations

31
times ranked

2105
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon and nitrogen nutrient balance signaling in plants. <i>Plant Signaling and Behavior</i> , 2009, 4, 584-591.	2.4	225
2	The Rop GTPase Switch Controls Multiple Developmental Processes in Arabidopsis. <i>Plant Physiology</i> , 2001, 126, 670-684.	4.8	196
3	The Rop GTPase: an emerging signaling switch in plants. , 2000, 44, 1-9.		173
4	Plasma Membrane-Associated ROP10 Small GTPase Is a Specific Negative Regulator of Abscisic Acid Responses in Arabidopsis. <i>Plant Cell</i> , 2002, 14, 2787-2797.	6.6	146
5	The Rop GTPase switch turns on polar growth in pollen. <i>Trends in Plant Science</i> , 2000, 5, 298-303.	8.8	110
6	Transcriptome Analysis Reveals Specific Modulation of Abscisic Acid Signaling by ROP10 Small GTPase in Arabidopsis. <i>Plant Physiology</i> , 2005, 139, 1350-1365.	4.8	80
7	Aberrant gene expression in the <i>Arabidopsis</i> <i>SULTR1;2</i> mutants suggests a possible regulatory role for this sulfate transporter in response to sulfur nutrient status. <i>Plant Journal</i> , 2014, 77, 185-197.	5.7	72
8	A negative regulatory role for auxin in sulphate deficiency response in Arabidopsis thaliana. <i>Plant Molecular Biology</i> , 2006, 63, 221-235.	3.9	70
9	The Arabidopsis A4 Subfamily of Lectin Receptor Kinases Negatively Regulates Abscisic Acid Response in Seed Germination. <i>Plant Physiology</i> , 2009, 149, 434-444.	4.8	69
10	A Mutation in MRH2 Kinesin Enhances the Root Hair Tip Growth Defect Caused by Constitutively Activated ROP2 Small GTPase in Arabidopsis. <i>PLoS ONE</i> , 2007, 2, e1074.	2.5	66
11	Transcriptome comparison and gene coexpression network analysis provide a systems view of citrus response to <i>Candidatus Liberibacter asiaticus</i> ™ infection. <i>BMC Genomics</i> , 2013, 14, 27.	2.8	61
12	Arabidopsis Î³-glutamylcyclotransferase affects glutathione content and root system architecture during sulfur starvation. <i>New Phytologist</i> , 2019, 221, 1387-1397.	7.3	42
13	The OSU1/QUA2/TSD2-Encoded Putative Methyltransferase Is a Critical Modulator of Carbon and Nitrogen Nutrient Balance Response in Arabidopsis. <i>PLoS ONE</i> , 2008, 3, e1387.	2.5	42
14	Modification of Plant Architecture in Chrysanthemum by Ectopic Expression of the Tobacco Phytochrome B1 Gene. <i>Journal of the American Society for Horticultural Science</i> , 2001, 126, 19-26.	1.0	39
15	Integrated Systems Biology Analysis of Transcriptomes Reveals Candidate Genes for Acidity Control in Developing Fruits of Sweet Orange (<i>Citrus sinensis</i> L. Osbeck). <i>Frontiers in Plant Science</i> , 2016, 7, 486.	3.6	32
16	Transceptors at the boundary of nutrient transporters and receptors: a new role for Arabidopsis <i>SULTR1;2</i> in sulfur sensing. <i>Frontiers in Plant Science</i> , 2014, 5, 710.	3.6	23
17	Gene coexpression network analysis of fruit transcriptomes uncovers a possible mechanistically distinct class of sugar/acid ratio-associated genes in sweet orange. <i>BMC Plant Biology</i> , 2017, 17, 186.	3.6	23
18	C-terminal domain (CTD) phosphatase links Rho GTPase signaling to Pol II CTD phosphorylation in <i>Arabidopsis</i> and yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8197-E8206.	7.1	20

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19	Analysis of alcohol use disorders from the Nathan Kline Institute’s Rockland Sample: Correlation of brain cortical thickness with neuroticism. <i>Drug and Alcohol Dependence</i> , 2017, 170, 66-73.	3.2	10
20	Cyclin-Dependent Kinases and CTD Phosphatases in Cell Cycle Transcriptional Control: Conservation across Eukaryotic Kingdoms and Uniqueness to Plants. <i>Cells</i> , 2022, 11, 279.	4.1	10
21	Modulation of the Pol II CTD Phosphorylation Code by Rac1 and Cdc42 Small GTPases in Cultured Human Cancer Cells and Its Implication for Developing a Synthetic-Lethal Cancer Therapy. <i>Cells</i> , 2020, 9, 621.	4.1	5
22	Use of the gl1 Mutant & the CA-rop2 Transgenic Plants of <i>Arabidopsis thaliana</i> in the Biology Laboratory Course. <i>American Biology Teacher</i> , 2006, 68, e148-e153.	0.2	4
23	Phytochromes A1 and B1 have distinct functions in the photoperiodic control of flowering in the obligate long-day plant <i>Nicotiana sylvestris</i> . <i>Plant, Cell and Environment</i> , 2006, 29, 1673-1685.	5.7	3
24	OsPIE1, the Rice Ortholog of <i>Arabidopsis</i> PHOTOPERIOD-INDEPENDENT EARLY FLOWERING1, Is Essential for Embryo Development. <i>PLoS ONE</i> , 2010, 5, e11299.	2.5	3
25	Ras and Rho GTPase regulation of Pol II transcription: A shortcut model revisited. <i>Transcription</i> , 2017, 8, 268-274.	3.1	3
26	Brain Imaging-Guided Analysis Reveals DNA Methylation Profiles Correlated with Insular Surface Area and Alcohol Use Disorder. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 628-639.	2.4	3
27	Network Analysis of Differentially Expressed Genes across Four Sweet Orange Varieties Reveals a Conserved Role of Gibberellin and Ethylene Responses and Transcriptional Regulation in Expanding Citrus Fruits. <i>Tropical Plant Biology</i> , 2019, 12, 12-20.	1.9	3
28	Advances in understanding sulfur utilization efficiency in plants. , 2017, , 215-232.		2
29	A luciferase-based method for assay of 5-adenylylsulfate reductase. <i>Analytical Biochemistry</i> , 2014, 460, 22-28.	2.4	1
30	Expression analysis suggests potential roles for PH-LIKE (PHL) genes in diploid strawberry <i>Fragaria vesca</i> L. seedling hormone response and fruit development. <i>Journal of Horticultural Science and Biotechnology</i> , 2019, 94, 151-159.	1.9	1
31	SULTR1;2 in S Nutrient-Status Control in <i>Arabidopsis</i> . <i>Proceedings of the International Plant Sulfur Workshop</i> , 2015, , 81-91.	0.1	0