Zhi-Liang Zheng

List of Publications by Year
in descending order

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	Cyclin-Dependent Kinases and CTD Phosphatases in Cell Cycle Transcriptional Control: Conservation across Eukaryotic Kingdoms and Uniqueness to Plants. Cells, 2022, 11, 279.	4.1	10
2	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. Cells, 2020, 9, 621.	4.1	5
3	Expression analysis suggests potential roles for PH-LIKE (PHL) genes in diploid strawberry Fragaria vesca L. seedling hormone response and fruit development. Journal of Horticultural Science and Biotechnology, 2019, 94, 151-159.	1.9	1
4	Brain Imagingâ€Guided Analysis Reveals DNA Methylation Profiles Correlated with Insular Surface Area and Alcohol Use Disorder. Alcoholism: Clinical and Experimental Research, 2019, 43, 628-639.	2.4	3
5	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. Tropical Plant Biology, 2019, 12, 12-20.	1.9	3
6	Arabidopsis Î³â€glutamylcyclotransferase affects glutathione content and root system architecture during sulfur starvation. New Phytologist, 2019, 221, 1387-1397.	7.3	42
7	Ras and Rho GTPase regulation of Pol II transcription: A shortcut model revisited. Transcription, 2017, 8, 268-274.	3.1	3
8	Analysis of alcohol use disorders from the Nathan Kline Instituteâ€”Rockland Sample: Correlation of brain cortical thickness with neuroticism. Drug and Alcohol Dependence, 2017, 170, 66-73.	3.2	10
9	Gene coexpression network analysis of fruit transcriptomes uncovers a possible mechanistically distinct class of sugar/acid ratio-associated genes in sweet orange. BMC Plant Biology, 2017, 17, 186.	3.6	23
10	Advances in understanding sulfur utilization efficiency in plants. , 2017, , 215-232.		2
11	Integrated Systems Biology Analysis of Transcriptomes Reveals Candidate Genes for Acidity Control in Developing Fruits of Sweet Orange (Citrus sinensis L. Osbeck). Frontiers in Plant Science, 2016, 7, 486.	3.6	32
12	C-terminal domain (CTD) phosphatase links Rho GTPase signaling to Pol II CTD phosphorylation in <i>Arabidopsis</i> and yeast. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8197-E8206.	7.1	20
13	SULTR1;2 in S Nutrient-Status Control in Arabidopsis. Proceedings of the International Plant Sulfur Workshop, 2015, , 81-91.	0.1	0
14	Transceptors at the boundary of nutrient transporters and receptors: a new role for Arabidopsis SULTR1;2 in sulfur sensing. Frontiers in Plant Science, 2014, 5, 710.	3.6	23
15	Aberrant gene expression in the <scp>A</scp>rabidopsis <i><scp>SULTR</scp>1;2</i> mutants suggests a possible regulatory role for this sulfate transporter in response to sulfur nutrient status. Plant Journal, 2014, 77, 185-197.	5.7	72
16	A luciferase-based method for assay of 5â€²-adenylylsulfate reductase. Analytical Biochemistry, 2014, 460, 22-28.	2.4	1
17	Transcriptome comparison and gene coexpression network analysis provide a systems view of citrus response to â€˜Candidatus Liberibacter asiaticusâ€™ infection. BMC Genomics, 2013, 14, 27.	2.8	61
18	OsPIE1, the Rice Ortholog of Arabidopsis PHOTOPERIOD-INDEPENDENT EARLY FLOWERING1, Is Essential for Embryo Development. PLoS ONE, 2010, 5, e11299.	2.5	3

#	Article	IF	Citations
19	Carbon and nitrogen nutrient balance signaling in plants. Plant Signaling and Behavior, 2009, 4, 584-591.	2.4	225
20	The Arabidopsis A4 Subfamily of Lectin Receptor Kinases Negatively Regulates Abscisic Acid Response in Seed Germination Â Â. Plant Physiology, 2009, 149, 434-444.	4.8	69
21	The OSU1/QUA2/TSD2-Encoded Putative Methyltransferase Is a Critical Modulator of Carbon and Nitrogen Nutrient Balance Response in Arabidopsis. PLoS ONE, 2008, 3, e1387.	2.5	42
22	A Mutation in MRH2 Kinesin Enhances the Root Hair Tip Growth Defect Caused by Constitutively Activated ROP2 Small GTPase in Arabidopsis. PLoS ONE, 2007, 2, e1074.	2.5	66
23	Phytochromes A1 and B1 have distinct functions in the photoperiodic control of flowering in the obligate long-day plant Nicotiana sylvestris. Plant, Cell and Environment, 2006, 29, 1673-1685.	5.7	3
24	A negative regulatory role for auxin in sulphate deficiency response in Arabidopsis thaliana. Plant Molecular Biology, 2006, 63, 221-235.	3.9	70
25	Use of the gl1 Mutant & the CA-rop2 Transgenic Plants of Arabidopsis thaliana in the Biology Laboratory Course. American Biology Teacher, 2006, 68, e148-e153.	0.2	4
26	Transcriptome Analysis Reveals Specific Modulation of Abscisic Acid Signaling by ROP10 Small GTPase in Arabidopsis. Plant Physiology, 2005, 139, 1350-1365.	4.8	80
27	Plasma Membraneâ€"Associated ROP10 Small GTPase Is a Specific Negative Regulator of Abscisic Acid Responses in Arabidopsis. Plant Cell, 2002, 14, 2787-2797.	6.6	146
28	The Rop GTPase Switch Controls Multiple Developmental Processes in Arabidopsis. Plant Physiology, 2001, 126, 670-684.	4.8	196
29	Modification of Plant Architecture in Chrysanthemum by Ectopic Expression of the Tobacco Phytochrome B1 Gene. Journal of the American Society for Horticultural Science, 2001, 126, 19-26.	1.0	39
30	The Rop GTPase: an emerging signaling switch in plants. , 2000, 44, 1-9.		173
31	The Rop GTPase switch turns on polar growth in pollen. Trends in Plant Science, 2000, 5, 298-303.	8.8	110