



六、发表的研究论文

序号	通讯作者	论文题目	刊物名称/发表日期	影响因子
1	武维华	Potassium transport and signaling in higher plants	<i>Annual Review of Plant Biology</i> 2013, 6, 64:451-476	30.649
2	傅 纓	Rho GTPase Signaling Activates Microtubule Severing to Promote Microtubule ordering in Arabidopsis	<i>Current Biology</i> 2013, 23:290-297	10.445
3	武维华	Ca ²⁺ -dependent protein kinase11 and 24 modulate the activity of the inward rectifying K ⁺ channels in <i>Arabidopsis</i> pollen tubes	<i>Plant Cell</i> 2013, 2, 25: 649-661	10.125
4	毛同林	Light-regulated hypocotyl elongation involves proteasome-dependent degradation of the microtubule regulatory protein WDL3 in Arabidopsis	<i>Plant Cell</i> 2013, 5, 25: 1740-1755	10.125
5	郭 岩	The Actin-Related Protein2/3 Complex Regulates Mitochondrial-Associated Calcium Signaling during Salt Stress in <i>Arabidopsis</i>	<i>Plant Cell</i> 2013, 11, 26 tpc.113.117887	10.125
6	傅 纓	Map18 regulates the direction of pollen tube growth in Arabidopsis by modulating F-actin	<i>Plant Cell</i> 2013, 25: 851-867	10.125
7	傅 纓	Arabidopsis AUGMIN subunit8 is a microtubule plus-end binding protein that promotes microtubule reorientation in hypocotyls	<i>Plant Cell</i> 2013, 25: 2187-2201	10.125
8	孙传清	Genetic control of inflorescence architecture during rice domestication	<i>Nature Communication</i> 2013, 7, 4: 2200 doi: 10.1038/ncomms3200.	10.02



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9	叶 德	MYB97, MYB101 and MYB120 function as male factors that control pollen tube-synergid interaction in <i>Arabidopsis</i> fertilization	<i>PLoS Genetics</i> 2013, 11, 9: e1003933. doi:10.1371/journal.pgen.1003933	9.44
10	吴 平	Improvement of phosphorus efficiency in rice on the basis of understanding phosphate signaling and homeostasis	<i>Current Opinion in Plant Biology</i> 2013, 16:205–212	9.221
11	苏 震	PlantGSEA: a Gene Set Enrichment Analysis toolkit for plant community	<i>Nucleic Acids Research</i> doi:10.1093/nar/gkt281	8.055
12	郑绍建	WRKY46 functions as a transcriptional repressor of ALMT1 regulating Al-induced malate secretion in <i>Arabidopsis</i>	<i>Plant Journal</i> 76:825-835	7.113
13	张舒群	A chemical genetic approach demonstrates that MPK3/MPK6 activation and NADPH oxidase-mediated oxidative burst are two independent signaling events in plant immunity	<i>Plant Journal</i> 2013, 11, 18.doi:10.1111/tpj.12382.	7.113
14	杨淑华	A missense mutation in CHS1, a TIR-NB protein, induces chilling sensitivity in <i>Arabidopsis</i>	<i>Plant Journal</i> 2013, 75: 553-565	7.113
15	武维华	Calcineurin B-like protein CBL10 directly interacts with AKT1 and modulates K ⁺ homeostasis in <i>Arabidopsis</i>	<i>Plant Journal</i> 2013, 4, 74:258-266	7.113
16	莫肖蓉	OsCYP2, a chaperone involved in degradation of auxin-responsive proteins, plays crucial roles in rice lateral root initiation	<i>Plant Journal</i> 2013, 74:86–97	7.113
17	毛传澡	OsORC3 is required for lateral root development in rice	<i>Plant Journal</i> 2013, 74:339–350	7.113



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18	郑绍建	Coordination between apoplastic and symplastic detoxification confers plant Al resistance	<i>Plant Physiology</i> 162:1947-1955.	7.084
19	杨淑华	PARAQUAT RESISTANT 1, a Golgi-localized putative transporter protein, is involved in intracellular transport of paraquat.	<i>Plant Physiology</i> 2013, 162:470-483	7.084
20	武维华	A protein kinase CIPK9 interacts with calcium sensor CBL3 and regulates K ⁺ homeostasis under low-K ⁺ stress in <i>Arabidopsis</i>	<i>Plant Physiology</i> 2013, 1:161	7.084
21	吴 平	Identification of a Dual-Targeted Protein Belonging to the Mitochondrial Carrier Family That Is Required for Early Leaf Development in Rice	<i>Plant Physiology</i> 2013, Vol. 161, pp. 2036–2048.	7.084
22	郑绍建	The 14-3-3 protein GRF11 acts downstream of nitric oxide to regulate iron acquisition in <i>Arabidopsis thaliana</i>	<i>New Phytologist</i> 197:814-824	6.888
23	杨淑华	The glutamate carboxypeptidase AMP1 mediates ABA and abiotic stress responses in <i>Arabidopsis</i>	<i>New Phytologist</i> 2013,199: 135-15	6.888
24	寿惠霞	Identification of OsbHLH133 as a regulator of iron distribution between roots and shoots in <i>Oryza sativa</i>	<i>Plant Cell & Environment</i> 2013, 36:224-236	5.861
25	蒋德安	OsARF16, a transcription factor, is required for auxin and phosphate starvation response in rice (<i>Oryza sativa</i> L.)	<i>Plant, Cell & Environment</i> 2013, 36: 607–620	5.861
26	张明才	Expression of an <i>Arabidopsis</i> molybdenum cofactor sulfurase gene in soybean enhances drought tolerance and increases yield under field conditions	<i>Plant Biotechnology Journal</i> 2013,11:747-758	5.813



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27	叶 德	Pollen-Expressed Transcription Factor 2 encodes a novel plant-specific TFIIIB-related protein that is required for pollen germination and embryogenesis in <i>Arabidopsis</i>	<i>Molecular Plant</i> 2013,07/ 6:1091-1108	5.77
28	孙传清	Microarray assisted fine-mapping of quantitative trait loci for cold tolerance in rice	<i>Molecular Plant</i> 2013, 5, 6 (3): 757-767	5.77
29	苏 震	Genome-wide analysis of histone modifications: H3K4me2, H3K4me3, H3K9ac and H3K27ac, in <i>Oryza sativa</i> L. japonica	<i>Molecular Plant</i> doi:10.1093/mp/sst018	5.77
30	陈益芳	<i>Arabidopsis</i> Di19 functions as a transcription factor and modulates <i>PR1</i> , <i>PR2</i> , and <i>PR5</i> expression in response to drought stress	<i>Molecular Plant</i> 2013, 9, 6:1487-1502	5.77
31	陈立群	<i>Arabidopsis</i> galacturonosyltransferase (GAUT) 13 and GAUT14 have redundant functions in pollen tube growth	<i>Molecular Plant</i> 2013, 6, 4:1131-1148	5.77
32	郑绍建	The role of <i>VuMATE</i> expression in aluminium-inducible citrate secretion in rice bean (<i>Vigna umbellata</i>) roots	<i>Journal of Experimental Botany</i> 64:1795-1804	5.542
33	叶 德	The <i>Arabidopsis</i> general transcription factor TFIIIB1 (<i>AtTFIIIB1</i>) is required for pollen tube growth and endosperm development	<i>Journal of Experimental Botany</i> 2013, 5, 64:2205-2218	5.542
34	杨淑华	<i>Lipid transfer protein 3</i> as a target of MYB96 mediates freezing and drought stress in <i>Arabidopsis</i>	<i>Journal of Experimental Botany</i> 2013, 64: 1755-1767	5.542
35	张明才	Overexpression of <i>Arabidopsis</i> molybdenum cofactor sulfurase gene confers drought tolerance in maize (<i>Zea mays</i> L.)	<i>PLoS ONE</i> 2013, 8(1): e52126	4.244



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36	肖兴国	Truncated Cotton Subtilase Promoter Directs Guard Cell-Specific Expression of Foreign Genes in Tobacco and Arabidopsis	<i>PLoS ONE</i> 8 (3)/2013.3.29/ e59802	4.244
37	肖兴国	Over-expression of a tobacco nitrate reductase gene in wheat (<i>Triticum aestivum</i> L.) increases seed protein content and weight without augmenting nitrogen supplying	<i>PLoS ONE</i> 8(9)/2013.9.9/ e74678	4.244
38	苏 震	Down-regulation of OsSPX1 causes high sensitivity to cold and oxidative stresses in rice seedlings	<i>PLoS ONE</i> doi:10.1371/journal.pone.0081849	4.244
39	张明才	Coronatine enhances drought tolerance via improving antioxidative capacity to maintaining higher photosynthetic performance in soybean	<i>Plant Science</i> 2013,210:1-9	2.997
40	孙传清	Identification of heat-sensitive QTL derived from common wild rice (<i>Oryza rufipogon</i> Griff.)	<i>Plant Science</i> 2013, 201-202:121-127	2.997
41	孙传清	GS6, a member of the GRAS gene family, negatively regulates grain size in rice	<i>Journal of Integrative Plant Biology</i> 2013, 55(10): 938–949	2.429