

序号	通讯作者	论文题目	刊物名称/发表年月/ 卷期/页码	姓名/排序/总人数/通 讯作者	影响 因子
1	郭 岩	Sumoylation of transcription factor MYB30 by the small ubiquitin-like modifier E3 ligase SIZ1 mediates abscisic acid response in <i>Arabidopsis thaliana</i>	<i>Proc. Natl. Acad. Sci.</i> 2012,109(31):12822-7	Yuan Zheng, Karen S. Schumakerc, and Yan Guo*	9.681
2	巩志忠	Antisilencing role of the RNA-directed DNA methylation pathway and a histone acetyltransferase in <i>Arabidopsis</i>	<i>Proc. Natl. Acad. Sci.</i> 2012, 109:11425-11430	Li X, Qian W, Zhao Y, Wang C, Shen J, Zhu J-K*,and Gong Z*	9.681
3	巩志忠	A Plasma Membrane Receptor Kinase, GHR1, Mediates ABA- and H ² O ² -regulated Stomatal Movement in <i>Arabidopsis</i>	<i>Plant Cell</i> 2012, 24: 2546-2561	Hua D#, Wang C#, He J, Liao H, Duan Y,Zhu Z, Guo Y, Gong Z*	8.987
4	巩志忠	DEXH-box RNA helicase-mediated mitochondrial ROS production in <i>Arabidopsis</i> mediates cross-talk between Abscisic acid and auxin signalling	<i>Plant Cell</i> 2012,24:1815-1833	He J,Duan Y, Hua D, Fan G, Wang L, Liu Y, Chen Z, Qu L-J, Gong Z*	8.987
5	杨淑华	Ethylene signaling negatively regulates freezing tolerance by repressing expression of <i>CBF</i> and type-A <i>ARR</i> genes in <i>Arabidopsis</i>	<i>Plant Cell</i> 2012, 24:2578-2595	Shi Y, Tian S, Hou L, Huang X, Zhang X, Guo H, Yang S*	8.987
6	毛同林	<i>Arabidopsis</i> MICROTUBULE DESTABILIZING PROTEIN40 is involved in brassinosteroid regulation of hypocotyl elongation	<i>Plant Cell</i> 2012, 24:4012-4025	Xianling Wang#, Jin Zhang#, MingYuan, David W. Ehrhardt, Zhiyong Wang, and Tonglin Mao*	8.987
7	郑绍建	XTH31, Encoding an in-vitro XEH/XET-Active Enzyme, Controls AI Sensitivity by Modulating in-vivo XET Action, Cell Wall Xyloglucan Content and AI Binding Capacity in <i>Arabidopsis</i>	<i>Plant Cell</i> 2012, 24: 4731-4747	Xiao Fang Zhu,Yuan Zhi Shi, Gui Jie Lei, Stephen C. Fry, Bao Cai Zhang, Yi Hua Zhou, Janet Braam,Tao Jiang,Xiao Yan Xu,Chuan Zao	8.987

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				Mao, Yuan Jiang Pan, Jian Li Yang, Ping Wu, Shao Jian Zheng*	
8	武维华	A protein kinase CIPK9 interacts with calcium sensor CBL3 and regulates K ⁺ homeostasis under low-K ⁺ stress in Arabidopsis	Plant Physiology 2012, 161	Li-Li Liu, Hui-Min Ren, Li-Qing Chen, Yi Wang, and Wei-Hua Wu*	6.535
9	韩玉珍	RRP41L, a Putative Core Subunit of the Exosome, Plays an Important Role in Seed Germination and Early Seedling Growth in Arabidopsis	Plant Physiology 2012, DOI:10.1104/pp.112.206706	Yang M, Zhang B , Jia J, Yan C, Habaik A, and Han Y*	6.535
10	李召虎	Overexpression of AtLOS5 gene increased abscisic acid level and drought tolerance in transgenic cotton	J. Exp. Botany 2012, 63:3741-3748	Yuesen Yue, Mingcai Zhang, Jiachang Zhang, Xiaoli Tian, Liusheng Duan, Zhaohu Li*	5.364
11	田晓莉	Mechanism of phytohormone involvement in feedback regulation of cotton leaf senescence induced by potassium deficiency	J. Exp. Botany 2012 doi:10.1093	Bo Li, Ye Wang, Mingwei Du, A. Egrinya Eneji, Baomin Wang, Liusheng Duan, Zhaohu Li, Xiaoli Tian*	5.364
12	王学臣	The reorganization of actin filaments is required for vacuolar fusion of guard cells during stomatal opening in <i>Arabidopsis</i>	Plant Cell & Environ 10.1111,j.1365-3040. 2012. 02592.x	Li-Juan Li, Fei Ren, Xin-Qi Gao, Peng-Cheng Wei & Xue-Chen Wang	5.215
13	陈艳梅	Proteomic and Phosphoproteomic Analysis of <i>Picea wilsonii</i> Pollen Development under Nutrient Limitation	J. Proteome Res 2012, 11:4180-4190	Chen, Y*. , Liu, P., Hoehenwarter, W. and Lin, J.	5.113

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14	郑绍建	Gibberellic acid alleviates cadmium toxicity by reducing nitric oxide accumulation and expression of IRT1 in <i>Arabidopsis thaliana</i>	J. Hazard Mater 239-240:302-307	Xiao Fang Zhu, Tao Jiang, Zhi Wei Wang, Gui Jie Lei, Yuan Zhi Shi, Gui Xin Li, Shao Jian Zheng	4.173
15	孙传清	<i>TH1</i> , a DUF640 domain-like gene controls lemma and palea development in rice	Plant Mol. Biol. 2012,78:351-359	Li Xiaojiao, Sun Lianjun, Liu Fengxia, Tan Lubin, Zhu Zuofeng, Fu Yongcai, Sun Xianyou, Sun Xuewen, Xie Daoxin and Sun Chuanqing	4.15
16	苏震	<i>Medicago truncatula</i> transporter database: a comprehensive database resource for <i>M. truncatula</i> transporters	BMC Genomics 2012,13:60	Zhenyan Miao, Daofeng Li, Zhenhai Zhang, Jiangli Dong, Zhen Su* , Tao Wang*	4.073
17	王毅	Transcriptome analysis of rice root responses to potassium deficiency	BMC Plant Biol . 2012,12:161	Tian-Li Ma, Wei-Hua Wu and Yi Wang*	3.450
18	陈新	The interprotein scoring noises in glide docking scores	Proteins 80:169–183.	Wei Wang,Xi Zhou,Wanlin He,Yi Fan,Yuzong Chen, Xin Chen*	3.392
19	张明才	Physiological evaluation of drought stress tolerance and recovery in Cauliflower (<i>Brassica oleracea</i> L.) seedlings treated with Methyl Jasmonate and Coronatine	J.Plant Growth Regulation 2012. 31:113–123.	Huiling Wu,Xiaoli WU,Zaohu LI,Liusheng Duan, Mingcai Zhang	2.859
20	田晓莉	Genotypic variations in photosynthetic and physiological adjustment to potassium deficiency in cotton (<i>Gossypium hirsutum</i>)	J. Photochem. Photobiol. B: Biol 2012,110:1-8	Ning Wang, Hanbai Hua, A. Egrinya Eneji, Liusheng Duan, Zhaohu Li, Xiaoli Tian*	2.814

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21	田晓莉	Cotton shoot plays a major role in mediating senescence induced by potassium deficiency	J. Plant Physiol 2012,169:327-335	Bo Li, Ye Wang, Zhiyong Zhang, Baomin Wang, A. Egrinya Eneji, Liusheng Duan, Zhaohu Li, Xiaoli Tian*	2.791
22	李召虎	SOS1 gene overexpression increased salt tolerance in transgenic tobacco by maintaining a higher K ⁺ /Na ⁺ ratio	J. Plant Physiol 2012,169:255-261	Yuesen Yue, Mingcai Zhang, Jiachang Zhang, Liusheng Duan, Zhaohu Li*	2.791
23	苏震	Comparative genomic analysis of NAC transcriptional factors to dissect the regulatory mechanisms for cell wall biosynthesis	BMC Bioinformatics 2012,13(Suppl 15):S10	Dongxia Yao, Qiang Wei, Wenyong Xu, Ryan D Syrenne, Joshua S. Yuan, and Zhen Su*	2.751
24	苏震	Inferences from structural comparison: flexibility, secondary structure wobble and sequence alignment optimization	BMC Bioinformatics 2012,13(Suppl 15):S12	Gaihua Zhang and Zhen Su*	2.751
25	苏震	CYPSI: a structure-based interface for cytochrome P450s and ligands in <i>Arabidopsis thaliana</i>	BMC Bioinformatics 2012,13:332	Gaihua Zhang, Yijing Zhang and Zhen Su*	2.751
26	孙传清	<i>LHD1</i> , an allele of <i>DTH8/Ghd8</i> controls late heading date in common wild rice (<i>Oryza rufipogon</i> Griff.)	J Integr Plant Biol 2012,54(10):790-799	Dai Xiaodong, Ding Younian, Tan Lubin, Fu Yongcai, Liu Fengxia, Zhu Zuofeng, Sun Xianyou, Sun Xuwen, Gu Ping, Cai Hongwei and Sun Chuanqing*	2.534
27	陈新	Results of molecular docking as descriptors to predict human serum albumin binding affinity	J. Mol. Graph Model. 33: 35–43	Lijuan Chen, Xin Chen*	2.184

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28	韩玉珍	Overexpression of a LAM Domain Containing RNA-Binding Protein LARP1c Induces Precocious Leaf Senescence in <i>Arabidopsis</i>	Mol. Cells 2012,34:367-374	Zhang B, Jia J, Yang M, Yan C, and Han Y*	2.178
29	孙传清	Molecular evolution of the AC1 gene from rice (<i>Oryza sativa</i> L.)	J. Genet. Genomics 2012,39(10): 551-560	Jiang Jiahuan, Tan Lubin, Zhu Zuofeng, Fu Yongcai, Liu Fengxia, Cai Hongwei, and Sun Chuanqing*	1.883
30	李召虎	Japanese Foxtail (<i>Alopecurus japonicus</i>) resistance to Fenoxaprop and Pinoxaden in China	Weed Sci 2012, 60(2):167-171	Ibrahim A. Mohamed, Runzhi Li, Zhenguo You, and Zhaohu Li	1.733
31	王学臣	A Brief Analysis of Subcellular Distribution and Physiological Functions of Plant Aquaporins	Progress Biochem. Biophysics 2012, 39(10):962~971	Yong-Qi, WANGGao-Qi, WANG Xu-Chu, CHEN Jia, WANG Xue-Chen*	0.554
32	刘国琴	Crystallization and preliminary X-ray diffraction studies of the GhKCH2 motor domain: alteration of pH significantly improved the quality of the crystals.	Acta Cryst 2012, F68:798-801	Xinghua Qin, Ziwei Chen, Tao Xu, Ping Li, Guoqin Liu*	0.506