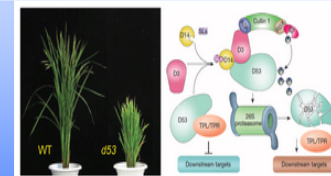




植物基因组学国家重点实验室

State Key Laboratory of Plant Genomics (SKLPG)
Institute of Genetics and Developmental Biology, Institute of Microbiology
Chinese Academy of Sciences



DWARF 53 acts as a repressor of strigolactone signalling in rice (*Nature* 504: 401-405, 2013)

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2018年

序号	作者	文章题目	杂志	年卷页	影响因子	类型
1	Wang, B., Smith, S.*, and Li, J.*	Genetic regulation of shoot architecture	<i>Annul Plant Biol</i>	Rev 2018, 69: 437-468	24.679	A
2	Liang, X., and Zhou, J.M.*	Receptor-like cytoplasmic kinases: central players in plant receptor kinas-mediated signaling	<i>Annul Plant Biol</i>	Rev 2018, 69: 267-299	24.679	A
3	Duan, C.#, Huan, Q.#, Chen, X.#, Wu, S., Carey, L.B., He, X., and Qian, W.*	Reduced intrinsic DNA curvature leads to increased mutation rate	<i>Genome Biol</i>	2018, 19: 132	16.497	A
4	Zhao, Y.#, Luo, L.#, Xu, J.#, Xin, P., Guo, H., Wu, J., Bai, L., Wang, G., Chu, J., Zuo, J., Yu, H.*, Huang, X.*, and Li, J.*	Malate transported from chloroplast to mitochondrion triggers production of ROS and PCD in <i>Arabidopsis thaliana</i>	<i>Cell Res</i>	2018, 28: 448-461	15.973	A
5	Liang, X.#, Ma, M.#, Zhou, Z., Wang, J., Yang, X., Rao, S., Bi, G., Li, L., Zhang, X., Chai, J., Chen, S., and Zhou, J.M.*	Ligand-triggered de-repression of <i>Arabidopsis</i> heterotrimeric G proteins coupled to immune receptor kinases	<i>Cell Res</i>	2018, 28: 529-543	15.973	A
6	Wang, J., Grubb, L., Wang, J., Liang, X., Li, L., Gao, C., Ma, M., Feng, F., Li, M., Li, L., Zhang, X., Yu, Y., Xie, Q., Chen, S., Zipfel, C., Monaghan, J., and Zhou, J.M.*	A regulatory module controlling homeostasis of a plant immune kinase	<i>Mol Cell</i>	2018, 69: 493-504	14.703	A
7	Zhan, N., Wang, C., Chen, L., Yang, H., Feng,	S-Nitrosylation targets	GSNO <i>Mol Cell</i>	2018, 71: 142-	14.703	A

	J., Gong, X., Ren, B., Wu, R., Mu, J., Li, Y., Liu, Z., Zhou, Y., Peng, J., Wang, K., Huang, X., Xiao, S., and Zuo, J.*	reductase for selective autophagy during hypoxia responses in plants			154
8	Li, B.*, Kremling, K., Wu, P., Bukowski, R., Romay, M., Xie, E., Buckler, E., and Chen, M.*	Coregulation of ribosomal RNA with hundreds of genes contributes to phenotypic variation	<i>Genome Res</i>	2018, 28: 1555-1565	13.796 A
9	Wang, Q.#, Nian, J.#, Xie, X.#, Yu, H., Zhang, J., Bai, J., Dong, G., Hu, J., Bai, B., Chen, L., Xie, Q., Feng, J., Yang, X., Peng, J., Chen, F., Qian, Q.*, Li, J.*, Zuo, J.*	Genetic variations in <i>ARE1</i> mediate grain yield by modulating nitrogen utilization in rice	<i>Nat Commun</i>	2018, 9: 735	13.691 A
10	Liu, C.#, Ou, S.#, Mao, B., Tang, J., Wang, W., Wang, H., Cao, S., Schl? ppi, M.R., Zhao, B., Xiao, G., Wang, X.* and Chu, C.*	Early selection of <i>bZIP73</i> facilitated adaptation of <i>japonica</i> rice to cold climates	<i>Nat Commun</i>	2018, 9: 3302	13.691 A
11	Deng, C.#, Zhang, H.#, Wu, Y., Ding, L., Pan, Y., Sun, S., Li, Y., Wang, L., and Qian, W.*	Proteolysis of histidine kinase VgrS inhibits its autophosphorylation and promotes osmotic stress resistance in <i>Xanthomonas campestris</i>	<i>Nat Commun</i>	2018, 9: 4791	13.691 A
12	Wang, F.*, Luo, Y., Ye, Z., Cao, X., Liang, J., Wang, Q., Wu, Y., Wu, J., Wang, H., Zhang, M., Cheng, H., and Xia, G.*	iTRAQ-based proteomics analysis of autophagy-mediated immune responses against the vascular fungal pathogen <i>Verticillium dahliae</i> in <i>Arabidopsis</i>	<i>Autophagy</i>	2018, 14: 598-618	11.815 A
13	Lin, T.#, Xu, X.#, Ruan, J.#, Liu, S., Wu, S., Shao, X., Wang, X., Gan, L., Qin, B., Yang, Y., Cheng, Z., Yang, S., Zhang, Z., Xiong, G., Huang, S., Yu, H.*, and Li, J.*	Genome analysis of <i>Taraxacum kok-saghyz</i> Rodin provides new insights into rubber biosynthesis	<i>Natl Sci Rev</i>	2018, 5: 78-87	10.973 A
14	Ma, B.#, Zhou, Y.#, Chen, H.#, He, S., Huang, Y., Zhao, H., Lu, X., Zhang, W., Pang, J., Chen, S.*, and Zhang, J.*	Membrane protein MHZ3 stabilizes OsEIN2 in rice by interacting with its Nramp-like domain	<i>Proc Acad Sci USA</i>	2018, 115: 2520-2525	10.359 A
15	Chen, H.#, Ma, B.#, Zhou, Y.#, He, S., Tang, S., Lu, X., Xie, Q., Chen, S.*, and Zhang, J.*	E3 ubiquitin ligase SOR1 regulates ethylene response in rice root by modulating stability of Aux/IAA protein	<i>Proc Acad Sci USA</i>	2018, 115: 4513-4518	10.359 A
16	Ban, Z., Qin, H., Mitchell, A.J., Liu, B., Zhang, F., Weng, J.K., Dixon, R.A.*, and Wang, G.*	Non-catalytic chalcone isomerase-fold proteins in <i>Humulus lupulus</i> are auxiliary components in prenylated flavonoid biosynthesis	<i>Proc Acad Sci USA</i>	2018, 115: 5223-5232	10.359 A
17	Zhang, X.#, Zhou, W.#*, Chen, Q.#*, Fang, M., Zheng, S., Scheres, B., and Li, C.*	Mediator subunit MED31 is required for radial patterning of <i>Arabidopsis</i> roots	<i>Proc Acad Sci USA</i>	2018, 115: 5624-5633	10.359 A

18	Li, Y.#, Qin, B.#, Shen, Y., Zhang, F., Liu, C., You, H., Du, G., Tang, D., and Cheng, Z.*	HEIP1 regulates crossover formation during meiosis in rice	<i>Proc Acad USA</i>	<i>Natl Sci</i>	2018, 115: 10810-10815	10.359	A
19	Wang, G., Wang, C., Liu, W., Ma, Y., Dong, L., Tian, J., Yu, Y., and Kong, Z.*	Augmin antagonizes katanin at microtubule crossovers to control the dynamic organization of plant cortical arrays	<i>Curr Biol</i>		2018, 28: 529-543	9.972	A
20	Shi, B.#, Guo, X.#, Wang, Y., Xiong, Y., Wang, J., Hayashi, K.I., Lei, J., Zhang, L.*, and Jiao, Y.*	Feedback from lateral organs controls shoot apical meristem growth by modulating auxin transport	<i>Dev Cell</i>		2018, 44: 204-216 e6	9.611	A
21	Wang, W.#, Hu, B.#, Yuan, D., Liu, Y., Che, R., Hu, Y., Ou, S., Zhang, Z., Wang, H., Li, H., Jiang, Z., Zhang, Z., Gao, X., Qiu, Y., Meng, X., Liu, Y., Bai, Y., Liang, Y., Wang, Y., Zhang, L., Li, L., Sodmergen, Jing, H., Li, J., and Chu, C.*	Expression of the nitrate transporter <i>OsNRT1.1A/OsNPF6.3</i> confers high yield and early maturation in rice	<i>Plant Cell</i>		2018, 30: 638-651	9.378	A
22	Zhang, N.#, Yu, H.#, Yu, H.#, Cai, Y., Huang, L., Xu, C., Xiong, G., Meng, X., Wang, J., Chen, H., Liu, G., Jing, Y., Yuan, Y., Liang, Y., Li, S., Smith, SM., Li, J., and Wang, Y.*	A core regulatory pathway controlling rice tiller angle mediated by the <i>LAZY1</i> -dependent asymmetric distribution of auxin	<i>Plant Cell</i>		2018, 30: 1461-1475	9.378	A
23	Bi, G.#, Zhou, Z.#, Wang, W.#, Li, L., Rao, S., Zhang, X., Menke, F., Chen, S., and Zhou, J.M.*	Receptor-like cytoplasmic kinases directly link diverse pattern recognition receptors to the activation of MAPK cascades in <i>Arabidopsis</i>	<i>Plant Cell</i>		2018, 30: 1543-1561	9.378	A
24	Liao, Y.#, Zhang, X.#, Li, B., Liu, T., Chen, J., Bai, Z., Wang, M., Shi, J., Walling, J.G., Wing, R.A., Jiang, J., and Chen, M.*	Comparison of <i>Oryza sativa</i> and <i>Oryza brachyantha</i> genomes reveals selection-driven gene escape from the centromeric regions	<i>Plant Cell</i>		2018, 30: 1729-1744	9.378	A
25	Zou, Y.#, Wang, S.#, Zhou, Y., Bai, J., Huang, G., Liu, X., Zhang, Y., Tang, D., and Lu, D.*	Transcriptional regulation of the immune receptor FLS2 controls the ontogeny of plant innate immunity	<i>Plant Cell</i>		2018, 30: 2779-2794	9.378	A
26	Zhao, T.#, Ren, L.#, Chen, X.#, Yu, H., Liu, C., Shen, Y., Shi, W., Tang, D., Du, G., Li, Y., Ma, B.*, and Cheng, Z.*	The <i>OsRR24/LEPTO1</i> type-B response regulator is essential for the organization of leptotene chromosomes in rice meiosis	<i>Plant Cell</i>		2018	9.378	A
27	Qin, J., Wang, K., Sun, L., Xing, H., Wang, S., Li, L., Chen, S., Guo, H.*, and Zhang, J.*	The plant specific transcription factors CBP60g and SARD1 are targeted by a <i>Verticillium</i> secretory protein VdSCP41 to modulate immunity	<i>eLife</i>		2018, 7: e34902	8.508	A

28	Zhang, D., Xu, Z., Cao, S., Chen, K., Li, S., Liu, X., Gao, C., Zhang, B.* and Zhou, Y.*	An uncanonical CCCH-tandem zinc finger protein represses secondary wall synthesis and controls mechanical strength in rice	<i>Mol Plant</i>	2018, 11: 163-174	8.065	A
29	Hua, C.#, Zhao, J.#, and Guo, H.*	Trans-kingdom RNA Silencing in plant-fungal pathogen interactions	<i>Mol Plant</i>	2018, 11: 235-244	8.065	A
30	Deng, H., Jitender C., Zhang, H., Hugh, W., Matthew N., Liu, Z., Liu, Q., Yang, X., Yang, M., Deng, X., Cao, X.*, and Ding, Y.*	Rice <i>in vivo</i> RNA structurome reveals RNA secondary structure conservation and divergence in plants	<i>Mol Plant</i>	2018, 11: 607-622	8.065	A
31	Gao, S., and Chu, C.*	Fine-tuning of <i>Eui1</i> : breaking the bottleneck in hybrid rice seed production	<i>Mol Plant</i>	2018, 11: 643-644	8.065	A
32	Du, F.#, Guan, C.#, and Jiao, Y.*	Molecular mechanisms of leaf morphogenesis	<i>Mol Plant</i>	2018, 11: 1117-1134	8.065	A
33	Wu, R., Zhang, F., Liu, L., Li, W., Pichersky, E., and Wang, G.*	MeNA, controlled by reversible methylation of nicotinate, is an NAD precursor that undergoes long-distance transport in <i>Arabidopsis</i>	<i>Mol Plant</i>	2018, 11: 1264-1277	8.065	A
34	Liu, X.#, Li, D.#*, Zhang, D., Yin, D., Zhao, Y., Ji, C., Zhao, X., Li, X., He, Q., Chen, R., Hu, S*., and Zhu, L.*	A novel antisense long noncoding RNA, <i>TWISTED LEAF</i> , maintains leaf blade flattening by regulating its associated sense R2R3-MYB gene in rice	<i>New Phytol</i>	2018, 218: 774-788	7.833	A
35	Ren, L.#, Tang, D.#, Zhao, T., Zhang, F., Liu, C., Xue, Z., Shi, W., Du, G., Shen, Y., Li, Y.*, and Cheng, Z.*	<i>OsSPL</i> regulates meiotic fate acquisition in rice	<i>New Phytol</i>	2018, 218: 789-803	7.833	A
36	Qin, J.#, Zhou, X.#, Sun, L., Wang, K., Yang, F., Liao, H., Rong, W., Yin, J., Chen, H., Chen, X.*, and Zhang, J.*	The <i>Xanthomonas</i> effector XopK harbours E3 ubiquitin-ligase activity that is required for virulence	<i>New Phytol</i>	2018, 220: 219-231	7.833	A
37	Zhang, J.#, Yin, K.#, Sun, J.#, Gao, J., Du, Q., Li, H., and Qiu, J.*	Direct and tunable modulation of protein levels in rice and wheat with a synthetic small molecule	<i>Plant Biotechnol J</i>	2018, 16: 472-481	7.443	A
38	Wang, Y., and Jiao, Y.*	Axillary meristem initiation-a way to branch out	<i>Curr Opin Plant Biol</i>	2018, 41: 61-66	7.313	A
39	Deng, X., Qiu, Q., He, K., and Cao, X.*	The seekers: how epigenetic modifying enzymes find their hidden genomic targets in <i>Arabidopsis</i>	<i>Curr Opin Plant Biol</i>	2018, 45: 75-81	7.313	A

40	Huo, Y.#, Yu, Y.#, Chen, L., Zhang, M., Song, Z., Chen, X., Fang R.* , and Zhang, L.*	Insect tissue-specific vitellogenin facilitates transmission of plant virus	<i>PLoS Pathog</i>	2018, e1006909	14: 6.957	A
41	Zhang, C.#, Shen, Y., Tang, D., Shi, W., Zhang, D., Du, G., Zhou, Y., Liang, G., Li, Y.*, and Cheng, Z.*	The zinc finger protein DCM1 is required for male meiotic cytokinesis by preserving callose in rice	<i>PLoS Genet</i>	2018, e1007769	14: 6.685	A
42	Li, Y.#, Li, Y.#, Liu, Y., Wu, Y.*, and Xie, Q.*	The sHSP22 heat shock protein requires the ABI1 protein phosphatase to modulate polar auxin transport and downstream responses	<i>Plant Physiol</i>	2018, 2406-2425	176: 6.62	A
43	Rao, S.#, Zhou, Z.#*, Miao, P., Bi, G., Hu, M., Wu, Y., Feng, F., Zhang, X., and Zhou, J.M.*	Roles of receptor-like cytoplasmic kinase VII members in pattern-triggered immune signaling	<i>Plant Physiol</i>	2018, 1670-1690	177: 6.62	A
44	Huan, Q.#, Zhang, Y.#, Wu, S., and Qian, W.*	HeteroMeth: a database of cell-to-cell heterogeneity in DNA methylation	<i>Genom Proteom Bioinf</i>	2018, 16: 234-243	6.615	A
45	Du, L.#, Xu, F.#, Fang, J.#, Gao, S., Tang, J., Fang, S., Wang, H., Tong, H., Cao, S., Zhang, F., Chu, J., Wang, G., and Chu, C.*	Endosperm sugar accumulation caused by mutation of <i>PHS8/ISA1</i> leads to pre-harvest sprouting in rice	<i>Plant J</i>	2018, 95: 545-556	6.101	A
46	Zhou, X., Jia, L., Wang, H., Zhao, P., Wang, W., Liu, N., Song, S., Wu, Y., Su, L., Zhang, J., Zhong, N.*, and Xia, G.*	The potato transcription factor StbZIP61 regulates dynamic biosynthesis of salicylic acid in defense against <i>Phytophthora infestans</i> infection	<i>Plant J</i>	2018, 1055-1068	95: 6.101	A
47	Liu, C.#, Xue, Z.#, Tang, D., Shen, Y., Shi, W., Ren, L., Du, G., Li, Y., and Cheng, Z.*	Ornithine δ -aminotransferase is critical for floret development and seed setting through mediating nitrogen reutilization in rice	<i>Plant J</i>	2018, 96: 842-854	6.101	A
48	Wang, Y., and Jiao, Y.*	Auxin and above-ground meristems	<i>J Exp Bot</i>	2018, 69: 147-154	6.044	A
49	Kan, J.#, An, L.#, Wu, Y., Long, J., Song, L., Fang, R.*, and Jia, Y.*	A dual role for proline iminopeptidase in regulating bacterial motility and host immunity	<i>Mol Plant Pathol</i>	2018, 2011-2024	19: 4.964	A
50	Tao, J., Wei, W., Pan, W., Lu, L., Li, Q., Ma, J., Zhang, W., Ma, B., Chen, S.*, and Zhang, J.*	An <i>Alfin-like</i> gene from <i>Atriplex hortensis</i> enhances salt and drought tolerance and abscisic acid response in transgenic <i>Arabidopsis</i>	<i>Sci Rep</i>	2018, 8: 2707	4.609	A
51	Nan, J., Feng, X., Wang, C., Zhang, X., Wang,	Improving rice grain length	<i>Rice</i>	2018, 11: 21-	4.45	A

	R., Liu, J., Yuan, Q., Jiang, G., and Lin, S.*	through updating the <i>GS3</i> locus of an elite variety Kongyu 131			29		
52	Li, H.#, Ji, G.#, Wang, Y.#, Qian, Q., Xu, J., Sodmergen, Liu, G., Zhao, X., Chen, M., Zhai, W., Li, D., and Zhu, L.*	WHITE PANICLE3, a novel nucleus-encoded mitochondrial protein, is essential for proper development and maintenance of chloroplasts and mitochondria in rice	<i>Front Plant Sci</i>	<i>Plant</i>	2018, 9: 762	4.353	A
53	Zhang, Z.#, Ge, X.#, Luo, X., Wang, P., Fan, Q., Hu, G., Xiao, J., Li, F.*, and Wu, J.*	Simultaneous editing of two copies of <i>Gh14-3-3d</i> confers enhanced transgene-clean plant defense against <i>Verticillium dahliae</i> in allotetraploid upland cotton	<i>Front Plant Sci</i>	<i>Plant</i>	2018, 9: 842	4.353	A
54	Hu, Q.#, Zhang, C.#, Xue, Z.#, Ma, L., Liu, W., Shen, Y., Ma, B.*, and Cheng, Z.*	OsRAD17 is required for meiotic double-strand break repair and plays a redundant role with OsZIP4 in synaptonemal complex assembly	<i>Front Plant Sci</i>	<i>Plant</i>	2018, 9: 1236	4.353	A
55	Liang, X., and Zhou, J.M.*	The secret of fertilization in flowering plants unveiled	<i>Sci Bull</i>		2018, 63: 408-410	4.136	A
56	Pan, Y., Liang, F., Li, R., and Qian, W.*	MarR-family transcription factor HpaR controls expression of the <i>vgrR-vgrS</i> operon of <i>Xanthomonas campestris</i> pv. <i>campestris</i>	<i>Mol Microbe Interact</i>	<i>Plant</i>	2018, 31: 299-310	4.078	A
57	Guo, W.#, Bai, C.#, Wang, Z.#, Wang, P., Fan, Q., Mi, X., Wang, L., He, J., Pang, J., Luo, X., Fu, W., Tian, Y., Si, H., Zhang, G.*, and Wu, J.*	Double-stranded RNAs high-efficiently protect transgenic potato from <i>Leptinotarsa decemlineata</i> by disrupting juvenile hormone biosynthesis	<i>J Agric Food Chem</i>		2018, 66: 11990-11999	3.791	A
58	Zhao, J.*, Liu, X., Fang, Y., Fang, R., and Guo, H.*	CMV2b-dependent regulation of host defense pathways in the context of viral infection	<i>Viruses</i>		2018, 10: 618	3.737	A
59	Huang, X., Tang, L., Yu, Y., Dalrymple, J., Lippman, Z.*, and Xu, C.*	Control of flowering and inflorescence architecture in tomato by synergistic interactions between ALOG transcription factors	<i>J Genet Genomics</i>		2018, 45: 557-560	3.652	A
60	Bai, S., Yu, H., Wang, B., and Li, J.*	Retrospective and perspective of rice breeding in China	<i>J Genet Genomics</i>		2018, 45: 603-612	3.652	A
61	Yin, D.#, Liu, X.#, Shi, Z., Li, D.*, and Zhu, L.*	An AT-hook protein DEPRESSED PALEA1 physically interacts with the TCP Family	<i>Biochem Biophys Res Commun</i>		2018, 495: 487-492	2.455	A

		transcription factor RETARDED PALEA1 in rice			
62	Meng, X.#, Hu, X.#, Liu, Q., Song, X., Gao, C., Li, J.*, and Wang, K.*	Robust genome editing of CRISPR-Cas9 at NAG PAMs in rice	<i>Sci China Life Sci</i>	2018, 61: 122-125	2.328 A
63	Zhang, J.#, Zhang, N.#, Liu, Y.#, Zhang, X., Hu, B., Qin, Y., Xu, H., Wang, H., Guo, X., Qian, J., Wang, W., Zhang, P., Jin, T.*, Chu, C.*, and Bai, Y.*	Root microbiota shift in rice correlates with resident time in the field and developmental stage	<i>Sci China Life Sci</i>	2018, 61: 613-621	2.328 A
64	Cao, X., and Jiao, Y.*	Auxin and DORN1 ? SCHEN joint force in the shoot apex	<i>Sci China Life Sci</i>	2018, 61: 867-868	2.328 A
65	Luo, X. and Liu, J.*	Insights into receptor-like kinases-activated downstream events in plants	<i>Sci China Life Sci</i>	2018, 61: 1586-1588	2.328 A
66	Tang, S.#, Wang, Z.#, Chen, C., Xie, P., and Xie, Q.*	The prospect of sweet sorghum as the source for high biomass crop	<i>J Agric Sci Bot</i>	2018, 2: 5-11	A
67	Cao, X., Xie, Q.*, and Yu, F.*	Novel pathway regulates ABA perception: how ESCRTs regulate stability of ABA receptors	<i>J Cell Signal</i>	2018, 3: 1-3	A
68	Zhou, Z.*, Bi, G., and Zhou, J.M.	Luciferase complementation assay for protein-protein interactions in plants	<i>Curr Protoc Plant Biol</i>	2018, 3: 42-50	A
69	余泓, 王冰, 陈明江, 刘贵富, 李家洋*	水稻分子设计育种发展与展望	<i>生命科学</i>	2018, 30: 1032-1037	A
70	Yin, C.#, Ma, B.#, Zhao, H., Chen, S., and Zhang, J.*	Screening and genetic analysis of ethylene-response mutants in etiolated rice seedlings	<i>Bio-Protocol</i>	2018, 3001: 1-9	A
71	Huo, Y., Chen, X., Fang R., and Zhang, L.*	Study on the production of vitellogenin and its non-nutritional functions	<i>Biotechnology Bulletin</i>	2018, 34: 1-6	A
72	刘次桃, 王威, 毛毕刚, 储成才*	水稻耐低温逆境研究: 分子生理机制及育种展望	<i>遗传</i>	2018, 40: 171-185	A
73	Chen, L., Zhang, Y., Chen, X., Fang R., and Zhang, L.*	Identification of the endophytic bacteria selectively enriched in the <i>Camellia sinensis</i> leaf	<i>ACTA Microbiol Sin</i>	2018, 58: 1776-1785	A
74	陈明江, 刘贵富, 余泓, 王冰, 李家洋*	水稻高产优质的分子基础与品种设计	<i>科学通报</i>	2018, 63: 1276-1289	A
75	仲乃琴*, 刘宁*, 赵盼, 蔡冬清, 宋双伟, 钞亚鹏	中国马铃薯化肥农药减施的现状与挑战	<i>科学通报</i>	2018, 63: 1693-1702	A
76	Zhao, Y., Liang, X., and Zhou, J.M.*	Small RNA trafficking at the forefront of plant-pathogen	<i>F1000 Research</i>	2018, 7: 1633	A

		interactions				
77	Jin, Y.#, Zhao, P.#, Fang, Y., Gao, F., Guo, H.* , and Zhao, J.*	Genome-wide profiling of sRNAs in the <i>Verticillium dahliae</i> -infected <i>Arabidopsis</i> roots	<i>Mycology</i>	2018, 9: 155-165		A
78	Li, T.#, Yang, X.#, Yu, Y.#, Si, X., Zhai, X., Zhang, H., Dong, W., Gao, C.*, and Xu, C.*	Domestication of wild tomato is accelerated by genome editing	<i>Nat Biotechnol</i>	2018, 36: 1160-1163	43.271	B
79	Wang, J.#*, Zhou, L.#, Shi, H.#, Chern, M.#, Yu, H.#, Yi, H., He, M., Yin, J., Zhu, X., Li, Y., Li, W., Liu, J., Wang, J., Chen, X., Qing, H., Wang, Y., Liu, G., Wang, W., Li, P., Wu, X., Zhu, L., Zhou, J., Ronald, P., Li, S., Li, J.*, and Chen, X.*	A single transcription factor promotes both yield and immunity in rice	<i>Science</i>	2018, 361: 1026-1028	40.627	B
80	Wang, M.#, Li, W.#, Fang, C.#, Xu, F.#, Liu, Y.#, Wang, Z., Yang, R., Zhang, M., Liu, S., Lu, S., Lin, T., Tang, J., Wang, Y., Wang, H., Lin, H., Zhu, B., Chen, M., Kong, F., Liu, B., Zeng, D., Jackson, S.C.*, Chu, C.* and Tian, Z.*	Parallel selection on a dormancy gene during domestication of crops from multiple families	<i>Nat Genet</i>	2018, 50: 1435-1441	31.156	B
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82	Tong, H. and Chu, C.*	Functional specificities of brassinosteroid and potential utilization for crop improvement	<i>Trends Plant Sci</i>	2018, 23: 1016-1028	13.181	B
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 通讯地址:北京市朝阳区北辰西路1号院2号,植物基因组学国家重点实验室
 邮编: 100101 邮件: plantgenomics@genetics.ac.cn , 电话: 010-64806595