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论文题目:

第一作者:

联系作者:

刊物名称:

发表年度:

论文题目	作者	刊物名称	年	卷
Prime Genome Editing in Rice and Wheat	Qiupeng Lin, Yuan Zong, Chenxiao Xue, Shengxing Wang, Shuai Jin, Zixu Zhu, Yanpeng Wang, Andrew V. Anzalone, Aditya Raguram, Jordan L. Doman, David R. Liu & Caixia Gao	Nature Biotechnology	2020-03-17	
Toward a 'Green Revolution' for Soybean	Shulin Liu, Min Zhang, Feng Feng, Zhixi Tian	Molecular Plant	2020-03-16	
Structural Remodeling of Active Zones Is Associated with Synaptic Homeostasis	Huilin Hong, Kai Zhao, Shiyan Huang, Sheng Huang, Aiyu Yao, Yuqiang Jiang, Stephan Sigrist, Lu Zhao, and Yongqing Zhang	Journal of Neuroscience	2020-03-10	
Malate Circulation: Linking Chloroplast Metabolism to Mitochondrial ROS	Yannan Zhao, Hong Yu, Jian-Min Zhou, Steven M. Smith, Jiayang Li	Trends in Plant Science	2020-03-06	
Transcriptional Repression Specifies the Central Cell for Double Fertilization	Mengxia Zhang, Shanshan Zhu, Yongchao Xu, Yalong Guo, Weicai Yang, and Hongju Li	PNAS	2020-03-06	
Roadmap for Accelerated Domestication of an Emerging Perennial Grain Crop	Lee DeHaan, Steve Larson, Rosa L. López-Marqués, Stephan Wenkel, Caixia Gao, Michael Palmgren	Trends in Plant Science	2020-03-06	
Targeted Mutagenesis in Ryegrass (Lolium spp.) Using the CRISPR/Cas9 System	Yunwei Zhang, Yidong Ran, Istvan Nagy, Ingo Lenk, Jinlong Qiu, Torben Asp, Christian S. Jensen, Caixia Gao	Plant Biotechnology Journal	2020-03-06	
Regulation of Rice Tillering by RNA-directed DNA Methylation at Miniature Inverted-repeat Transposable Elements	Le Xu, Kun Yuan, Meng Yuan, Xiangbing Meng, Min Chen, Jianguo Wu, Jiayang Li, Yijun Qi	Molecular Plant	2020-02-28	
Integration of Ovular Signals and Exocytosis of a Ca ²⁺ Channel by MLOs in Pollen Tube Guidance	Jiangguo Meng, Liang Liang, Pengfei Jia, Yingchun Wang, Hongju Li & Weicai Yang	Nature Plants	2020-02-21	
Histidine Kinase MHZ1/OsHK1 Interacts with Ethylene Receptors to Regulate Root Growth in Rice	He Zhao, Kaixuan Duan, Biao Ma, Cuicui Yin, Yang Hu, Jianjun Tao, Yihua Huang, Wuqiang Cao, Hui Chen, Chao Yang, Zhiguo Zhang, Sijie He, Wanke Zhang, Xiangyuan Wan, Tiegang Lu, Shouyi Chen, Jinsong Zhang	Nature Communications	2020-02-11	
PINOID Regulates Floral Organ Development by Modulating Auxin Transport and Interacts with MADS16 in Rice	Huamao Wu, Dongjiang Xie, Zuoshun Tang, Dongqiao Shi, Weicai Yang	Plant Biotechnology Journal	2020-02-07	
Enhanced Sustainable Green Revolution Yield via Nitrogen-responsive Chromatin Modulation in Rice	Kun Wu, Shuansuo Wang, Wenzhen Song, Jianqing Zhang, Yun Wang, Qian Liu, Jianping Yu, Yafeng Ye, Shan Li, Jianfeng Chen, Ying Zhao, Jing Wang, Xiaokang Wu, Meiyue Wang, Yijing Zhang, Binmei Liu, Yuejin Wu, Nicholas P. Harberd & Xiangdong Fu	Science	2020-02-07	
A Rare Gain of Function Mutation in A Wheat Tandem Kinase Confers Resistance to Powdery Mildew	Ping Lu, Li Guo, Zhenzhong Wang, Beibei Li, Jing Li, Yahui Li, Dan Qiu, Wengi Shi, Lijun Yang, Ning Wang, Guanghao Guo, Jingzhong Xie, Qihong Wu, Yongxing Chen, Miaomiao Li, Huaizhi Zhang, Lingli Dong, Panpan Zhang, Keyu Zhu, Dazhao Yu, Yan Zhang, Karin R. Deal, Naxin Huo, Cuimin Liu, Ming-Cheng Luo, Jan Dvorak, Yong Qiang Gu, Hongjie Li & Zhiyong Liu	Nature Communications	2020-02-03	
The Cohesin Complex Subunit ZmSMC Participates in Meiotic Centromere Pairing in Maize	Jing Zhang, Chao Feng, Handong Su, Yang Liu, Yalin Liu, Fangpu Han	The Plant Cell	2020-02-02	
Back-spliced RNA from Retrotransposon Binds to Centromere and Regulates Centromeric Chromatin Loops in Maize	Yalin Liu, Handong Su, Jing Zhang, Yang Liu, Chao Feng, Fangpu Han	PLOS Biology	2020-02-02	
GSK2 Stabilizes OFP3 to Suppress Brassinosteroid Responses in Rice	Yunhua Xiao, Guoxia Zhang, Dapu Liu, Mei Niu, Hongning Tong, Chengcai Chu Li Che, Wenna Chi, Yu Qiao, Jie Zhang, Xinhua Song, Ye Liu, Lei Li, Jiaoyuan Jia, Maria G Pilo, Jingxiao Wang, Antonio Cigliano, Zhilong Ma, Wenhua Kuang, Zefang Tang, Zemin Zhang, Guanghou Shui, Silvia Ribback, Frank Dombrowski, Matthias Evert, Rosa Maria Pascale, Carla Cossu, Giovanni Mario Pes, Timothy F Osborne, Diego F Calvisi, Xin Chen, Ligong Chen	The Plant Journal	2020-01-20	
Cholesterol Biosynthesis Supports the Growth of Hepatocarcinoma Lesions Depleted of Fatty Acid Synthase in Mice and Humans	Yunhua Xiao, Guoxia Zhang, Dapu Liu, Mei Niu, Hongning Tong, Chengcai Chu Li Che, Wenna Chi, Yu Qiao, Jie Zhang, Xinhua Song, Ye Liu, Lei Li, Jiaoyuan Jia, Maria G Pilo, Jingxiao Wang, Antonio Cigliano, Zhilong Ma, Wenhua Kuang, Zefang Tang, Zemin Zhang, Guanghou Shui, Silvia Ribback, Frank Dombrowski, Matthias Evert, Rosa Maria Pascale, Carla Cossu, Giovanni Mario Pes, Timothy F Osborne, Diego F Calvisi, Xin Chen, Ligong Chen	Gut	2020-01-20	
Harnessing the Intracellular Triacylglycerols for Titer Improvement of Polyketides in	Weishan Wang, Shanshan Li, Zilong Li, Jingyu Zhang, Keqiang Fan, Gaoyi Tan,	Nature Biotechnology	2020-01-20	

Streptomyces

Guomin Ai, Sin Man Lam, Guanghou Shui,
Zhiheng Yang, Hongzhong Lu, Pinjiao Jin,
Yihong Li, Xiangyin Chen, Xuekui Xia,
Xueting Liu, H. Kathleen Dannelly, Chen
Yang, Yi Yang, Siliang Zhang, Gil
Alterovitz, Wensheng Xiang & Lixin Zhang

Insights into Endoplasmic Reticulum
-Associated Degradation in Plants

Qian Chen, Feifei Yu, Qi Xie

New Phytologist

2020-01-20

Targeted, Random Mutagenesis of Plant
Genes with Dual Cytosine and Adenine
Base Editors

Chao Li, Rui Zhang, Xiangbing Meng, Sha
Chen, Yuan Zong, Chunju Lu, Jin-Long
Qiu, Yu-Hang Chen, Jiayang Li & Caixia
Gao

Nature Biotechnology

2020-01-14

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地址: 北京市朝阳区北辰西路1号院2号, 遗传与发育生物学研究所

邮编: 100101 邮件: genetics@genetics.ac.cn