**附件：2020年水稻研究所发表论文目录**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **作者** | **论文题目** | **刊物** | **卷期页** | **SCI分区** |
| Hui Zhuang#, Hong-Lei Wang#, Ting Zhang#, Xiao-Qin Zeng, Huan Chen, Zhong-Wei Wang, Jun Zhang, Hao Zheng, Jun Tang, Yinghua Ling, Zhenglin Yang, Guang-Hua He\*,Yun-Feng Li\* | NONSTOP GLUMES 1 Encoding a C2H2 Zinc Finger Protein Regulates Spikelet Development in Rice | *The Plant Cell* | 2020，32（2）：392-413 | 1区 |
| Du Dan#, Zhang Changwei#, Xing Yadi, Lu Xin, Cai Linjun, Yun Han, Zhang Qiuli, Zhang Yingying, Chen Xinlong, Liu Mingming, Sang Xianchun, Ling Yinghua, Yang Zhenglin, Li Yunfeng, Lefebvre Benoit, He Guanghua\* | The CC-NB-LRR OsRLR1 mediates rice disease resistance through interaction with OsWRKY19 | *Plant Biotechnology Journal* | DOI ：10.1111/pbi.13530 | 1区 |
| Yun-Feng Li#\*, Xiao-Qin Zeng#, Yun Li, Ling Wang, Hui zhuang, Yan Wang, Jun Tang, Hong-Lei Wang, Mao Xiong, Fa-Yu Yang, Xiao-Zhen Yuan, and Guang-Hua He\* | MULTI-FLORET SPIKELET 2 Determines Spikelet Meristem Fate and Floral Organ Identity in Rice | *Plant Physiology* | 2020，184：988-1003 | 1区 |
| Xing Yadi#, Wang Nan#,\*, Zhang Tianquan#, Zhang Qiuli, Du Dan, Chen Xinlong, Lu Xin, Zhang Yingying, Zhu Maodi, Liu Mingming, Sang Xianchun, Li Yunfeng, Ling Yinghua, He Guanghua\* | SHORT-ROOT 1 is critical to cell division and tracheary element development in rice roots | *The Plant Journal* | DOI: 10.1111/tpj.15095 | 1区 |
| Ting Zhang#, Shiming Wang#, Shuangfei Sun, Yi Zhang, Juan Li, Jing You, Tian Su, Wenbo Chen, Yinghua Ling, Guanghua He and Fangming Zhao\* | Analysis of QTL for Grain Size in a Rice Chromosome Segment Substitution Line Z1392 with Long Grains and Fine Mapping of qGL-6 | *Rice* | 2020，13:40 | 1区 |
| MA Fu-ying, DU Jie, WANG Da-chuan, WANG Hui, ZHAO Bing-bing, HE Guang-hua, YANG Zheng-lin,ZHANG Ting, WU Ren-hong, ZHAO Fang-ming\* | Identification of long-grain chromosome segment substitution line Z744 and QTL analysis for agronomic traits in rice | *Journal of Integrative Agriculture* | 2020, 19(5): 1163–1169 | 2区 |
| Xian-chun Sang1#, Xiao-qiong Zhang1#, Jia Xie, Ling Shi, Wei-jiang Tian, Xiao-wen Wang, Yang-yang Li, Ying Sun, He Guanghua\* | DBC1,an allelic OsDRP2B gene, regulating plant height by controlling cell division in Oryza sativa L | *Mol Breeding* | 2020, 40: 37 | 2区 |
| Wang Hui, Zhang Jiayu, Naz Farkhanda, Li Juan, Sun Shuangfei, He Guanghua, Zhang Ting, Ling Yinghua, ZHAO Fangming\* | Identification of rice QTLs for important agronomic traits with long-kernel CSSL-Z741 and three SSSLs | *Rice Science* | 2020, 27(5): 414−422 | 2区 |
| WANG Yan#, ZENG Xiaoqin#, CHENG Qinglan, YANG Fayu, HUANG Mingjiang, XIONG Mao, LU Lu, LI Yunfeng\* | MULTI-FLORET SPIKELET 4 (MFS4) Regulates Spikelet Development and Grain Size in Rice | *Rice Science* | http://www.ricescience.org/CN/abstract/abstract9928. | 2区 |
| ZHANG Ting#, YOU Jing#, YU Guo-ling, ZHANG Yi, CHEN Huan, LI Yi-dan, YE Li, YAO Wan-yue, TU Yu-jie,LING Ying-hua, HE Guang-hua, LI Yun-feng\* | Gene mapping and candidate gene analysis of aberrant-floral spikelet 1 (afs1) in rice (Oryza sativa L.) | *Journal of Integrative Agriculture* | 2020, 19(4): 921–930 | 2区 |
| Ting Zhang#\*, Jing You#, Xiaoqin Zeng, Guoling Yu, Yi Zhang, Yidan Li, Li Ye, Wanyue Yao, Yujie Tu, Yinghua Ling, Hesheng Yao, Guanghua He, Yunfeng Li\* | Gene mapping and candidate gene analysis of multi-grains 1(Mg1) in rice | *Crop Science* | 2020;60:238–248 | 3区 |
| Ying Wang #, Zhu Zhu#, Ying Sun, Jile Ni, Jia Xie, Yangyang Li, Xiaobo Zhang, Xiaozhu Wen, Yuzhen Xiong, Xianchun Sang\* | Identification of An Novel D3 Allele, Playing a role in Nitrogen Utilization | *Euphytica* | 2020, 216: 55 | 3区 |
| Ni JL#, Wen XZ#, Tang CB, Tian WJ, Yang WJ, Xie J, Zhang XB, Li YY, Xiong YZ,Sun Y, Zhu Z,Wang Y, Sang XC.\*  | v301, a new allele of BRITTLE CULM 12, and its regulation of the early senescence of the leaf blade in rice | *Acta Physiologie Plantarum* | 2020, 42:15 | 4区 |
| 王大川,汪会,马福盈,杜婕,张佳宇,徐光益,何光华,李云峰,凌英华,赵芳明\* | 增加穗粒数的水稻染色体代换系Z747 鉴定及相关性状QTL 定位 | 作物学报 | 2020, 46(1): 140-146 | 国内A1 |
| 谢园华#,李凤菲#,马晓慧,谭佳,夏赛赛,桑贤春,杨正林,凌英华\* | 水稻半外卷叶突变体 sol1 的表型分析与基因定位 | 作物学报 | 2020,46(2):204-213 | 国内A1 |