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| 序号 | 论文标题 | 作者 | 发表期刊 | 发表时间 |
| 1 | Transcriptional analysis identifies major pathways as response components to Sporisorium scitamineum stress in sugarcane | Ning Huang,Hui Ling, Yachun Su,Feng Liu,Liping Xu,Weihua Su,Qibin Wu,Jinlong Guo,Shiwu Gao,Youxiong Que  | Gene. 2018 Dec 15;678:207-218. doi: 10.1016/j.gene.2018.08.043 | 2018.12.15 |
| 2 | Expression Characteristics and Functional Analysis of the ScWRKY3 Gene from Sugarcane | Ling Wang,Feng Liu,Xu Zhang,Wenju Wang,Tingting Sun,Yufeng Chen,Mingjian Dai,Shengxiao Yu,Liping Xu,Yachun Su,Youxiong Que | Int J Mol Sci. 2018 Dec 14;19(12):4059. doi: 10.3390/ijms19124059 | 2018.12.14 |
| 3 | Foreign cry1Ac gene integration and endogenous borer stress-related genes synergistically improve insect resistance in sugarcane | Dinggang Zhou，Xiaolan Liu,Shiwu Gao,Jinlong Guo,Yachun Su,Hui Ling,Chunfeng Wang,Zhu Li,Liping Xu,Youxiong Que | BMC Plant Biol. 2018 Dec 10;18(1):342. doi: 10.1186/s12870-018-1536-6 | 2018.12.10 |
| 4 | Lysine-assisted synthesis of porous Ba-doped Pd/γ-Al2O3 hollow microspheres with enhanced catalytic properties for CO and C3H8 oxidation | Jiebo Chen,Peng Wang,Lu Wang,Jihong Cai | Materials Letters.Volume 237, 15 February 2019, Pages 57-60.doi:10.1016/j.matlet.2018.11.015 | 2018.11.12 |
| 5 | Development and Use of Single Sequence Repeats (SSRs) Markers for Sugarcane Breeding and Genetic Studies | Ali Ahmad,Jinda Wang,Yongbao Pan,Rahat Sharif,Sanji Gao | Agronomy 2018, 8, 260.doi:10.3390/agronomy8110260 | 2018.11.12 |
| 6 | An improved suppression subtractive hybridization technique to develop species-specific repetitive sequences from Erianthus arundinaceus (Saccharum complex) | Fan Yu,Yongji Huang,Ling Luo,Xueting Li,Jiayun Wu Rukai Chen,Muqing Zhang, Zuhu Deng | BMC Plant Biol. 2018 Nov 6;18(1):269. doi:10.1186/s12870-018-1471-6 | 2018.11.06 |
| 7 | Heterologous expression of a Glyoxalase I gene from sugarcane confers tolerance to several environmental stresses in bacteria | Qibin Wu,Shiwu Gao,Yongbao Pan,Yachun Su,Michael P. Grisham,Jinlong Guo,Liping Xu,Youxiong Que | PeerJ. 2018 Oct 31;6:e5873. doi: 10.7717/peerj.5873 | 2018.10.31 |
| 8 | Molecular insights into brown rust resistance and potential epidemic based on the Bru1 gene in sugarcane varieties and new elite clones | Zhu Li,Yachun Su,Qing Yu,Yun Chen,Shiwu Gao, Yonggang Zhang,Youxiong Que, Liping Xu  | Euphytica (2018) 214:189doi:10.1007/s10681-018-2260-x | 2018.09.27 |
| 9 | Transcriptional Insights into the Sugarcane-Sorghum mosaic virus Interaction | Hui Ling,Ning Huang,Qibing Wu,Yachun Su,Qiong Peng,Waqar Ahmed,Shiwu Gao,Weihua Su,Youxiong Que,Liping Xu | Tropical Plant Biology (2018) 11:163–176.doi:10.1007/s12042-018-9210-6 | 2018.09.17 |
| 10 | The Role of Sugarcane Catalase Gene ScCAT2 in the Defense Response to Pathogen Challenge and Adversity Stress | Tingting Sun,Feng Liu,Wenju Wang,Ling Wang,Zhuqing Wang, Jing Li,Youxiong Que,Liping Xu,Yachun Su | Int J Mol Sci. 2018 Sep 10;19(9):2686. doi: 10.3390/ijms19092686 | 2018.09.10 |
| 11 | RNA interference of tubulin genes has lethal effects in Mythimna separate | Jinda Wang,Yaru Wang,Yongzhi Wang,Weizhong Wang,Rong Wang,Sanji Gao | Gene. 2018 Sep 5;670:1-6. doi:10.1016/j.gene.2018.05.094 | 2018.09.05 |
| 12 | Development of Quantitative Real-Time PCR Assays for Rapid and Sensitive Detection of Two Badnavirus Species in Sugarcane | Shengren Sun,Kashif Ahmad,Xiaobin Wu,Jiansheng Chen,Huaying Fu,Meiting Huang,Sanji Gao | Biomed Res Int. 2018 Aug 6;2018:8678242. doi: 10.1155/2018/8678242 | 2018.08.06 |
| 13 | Identification of cold-related miRNAs in sugarcane by small RNA sequencing and functional analysis of a cold inducible ScmiR393 to cold stress | Yuting Yang，Qing Yu,Yingying Yang，Yachun Su，Waqar Ahmad，Jinlong Guo，Shiwu Gao，Liping Xu，Youxiong Que | August 2018·Environmental and Experimental Botany 155.doi:10.1016/j.envexpbot.2018.07.030 | 2018.08 |
| 14 | Response of detoxification and immune genes and of transcriptome expression in Mythimna separata following chlorantraniliprole exposure | Jinda Wang,Weizhong Wang,Yaru Wang,Sanji Gao,Mohammed Elzaki,Ran Wang,Rong Wang,Min Wu | Comp Biochem Physiol Part D Genomics Proteomics. 2018 Dec;28:90-98. doi: 10.1016/j.cbd.2018.07.001 | 2018.07.07 |
| 15 | Identification and evaluation of PCR reference genes for host and pathogen in sugarcane-Sporisorium scitamineum interaction system | Ning Huang,Hui Ling,Feng Liu,Yachun Su,Weihua Su,Huaying Mao,Xu Zhang,Ling Wang,Rukai Chen,Youxiong Que | BMC Genomics. 2018 Jun 19;19(1):479. doi: 10.1186/s12864-018-4854-z |  2018.06.19 |
| 16 | Characterization of chromosome composition of sugarcane in nobilization by using genomic in situ hybridization | Fan Yu,Ping Wang,Xueting Li,Yongji Huang,Qinnan Wang,Ling Luo,Yanfen Jing,Xinlong Liu,Zuhu Deng,Jiayun Wu,Yongqing Yang,Rukai Chen,Muqing Zhang,Liangnian Xu | Mol Cytogenet. 2018 Jun 7;11:35. doi: 10.1186/s13039-018-0387-z | 2018.06.07 |
| 17 | Particle Bombardment of the cry2A Gene Cassette Induces Stem Borer Resistance in Sugarcane | Shiwu Gao,Yingying Yang,Liping Xu,Jinlong Guo,Yachun Su,Qibin Wu,Chunfeng Wang,Youxiong Que | Int J Mol Sci. 2018 Jun 6;19(6):1692. doi: 10.3390/ijms19061692 | 2018.06.06 |
| 18 | Evaluation of some potential target genes and methods for RNAi-mediated pest control of the corn earworm Helicoverpa zea | Jinda Wang,Liuqi Gu, Douglas C Knipple  | Pestic Biochem Physiol. 2018 Jul;149:67-72. doi:10.1016/j.pestbp.2018.05.012 | 2018.06.01 |
| 19 | A Comparative Study of Three Detection Techniques for Leifsonia xyli Subsp. xyli, the Causal Pathogen of Sugarcane Ratoon Stunting Disease | Qibin Wu,Yongbao Pan,Dinggang Zhou,Michael P. Grisham,Shiwu Gao,Yachun Su,Jinlong Guo,Liping Xu,Youxiong Que | Biomed Res Int. 2018 May 23;2018:2786458. doi: 10.1155/2018/2786458 | 2018.05.23 |
| 20 | A new method based on SNP of nrDNA-ITS to identify Saccharum spontaneum and its progeny in the genus Saccharum | Shan Yang,Xueting Li ,Fei Huang,Yongji Huang,Xinlong Liu, Jiayun Wu,Qinnan Wang,Zuhu Deng,Rukai Chen,Muqing Zhang | PLoS One. 2018 May 16;13(5):e0197458. doi: 10.1371/journal.pone.0197458 | 2018.05.16 |
| 21 | Molecular identification and prevalence of Acidovorax avenae subsp. avenae causing red stripe of sugarcane in China | X.‐Y. Li，H.‐D.Sun，P. C. Rott,J.‐D.Wang，M.‐T.Huang,Q.‐Q.Zhang,S.‐J Gao | Plant Pathology.doi:10.1111/ppa.12811 | 2018.05.01 |
| 22 | Silence of ryanodine receptor gene decreases susceptibility to chlorantraniliprole in the oriental armyworm, Mythimna separata Walker | Jinda Wang,Lifei Chen,Yaru Wang,Huaying Fu,Ahmad Ali,Da Xiao,Ran Wang,Sanji Gao  | Pestic Biochem Physiol. 2018 Jun;148:34-41. doi:10.1016/j.pestbp.2018.03.012 | 2018.03.27 |
| 23 | Molecular detection and prevalence of Xanthomonas albilineans, the causal agent of sugarcane leaf scald, in China | Linghong Lin,Mbuya Sylvain Ntamboa,Philippe C.Rott,Qinnan Wang,Yihua Lin,Huaying Fu,Sanji Gao | Crop Protection.Volume 109, July 2018, Pages 17-23.doi:10.1016/j.cropro.2018.02.027 | 2018.03.20 |
| 24 | Diversity of the Bacterial Microbiome in the Roots of Four Saccharum Species: S. spontaneum, S. robustum, S. barberi, and S. officinarum | Meng Dong,Zongtao Yang ,Guangyuan Cheng,Lei Peng,Qian Xu,Jingsheng Xu | Front Microbiol. 2018 Feb 21;9:267. doi:10.3389/fmicb.2018.00267 | 2018.02.21 |
| 25 | A small GTP-binding gene ScRan from sugarcane is involved in responses to various hormone stresses and Sporisorium scitamineum challenge | Ning Huang,Hui Ling,Xu Zhang,Huaying Mao,Yachun Su,Weihua Su,Feng Liu,Liping Xu, Rukai Chen,Youxiong Que | Sugar Tech (Nov-Dec 2018) 20(6):669–680.doi:10.1007/s12355-018-0598-y | 2018.02.17 |
| 26 | Development and Applications of a High Throughput Genotyping Tool for Polyploid Crops: Single Nucleotide Polymorphism (SNP) Array | Qian You,Xiping Yang,Ze Peng, Liping Xu1,Jianping Wang | Frontiers in Plant Science.9:104.doi：10.3389/fpls.2018.00104 | 2018.02.06 |
| 27 | A Novel L-ascorbate Peroxidase 6 Gene, ScAPX6, Plays an Important Role in the Regulation of Response to Biotic and Abiotic Stresses in Sugarcane | Feng Liu,Ning Huang,Ling Wang,Hui Ling,Tingting Sun,Waqar Ahmad,Khushi Muhammad,Jinxin Guo,Liping Xu,Shiwu Gao,Youxiong Que,Yachun Su | Front Plant Sci. 2018 Jan 17;8:2262. doi:10.3389/fpls.2017.02262 | 2018.01.17 |
| 28 | DNA Barcoding for Identification of Sugarcane Borers in China | J- D Wang,W- Z Wang,Z- L Lin,A Ali,H- Y Fu,M- T Huang,S- J Gao,R Wang | Neotrop Entomol. 2018 Jun;47(3):362-368. doi: 10.1007/s13744-017-0560-9 | 2017.09.30 |
| 29 | 甘蔗茉莉酸合成关键酶基因ScOPR1的克隆、亚细胞定位及表达 | 孙婷婷,王文举,刘峰,王玲,李竹,戴明剑,阙友雄,许莉萍,苏亚春 | 《应用与环境生物学报》2018年第24卷第6期P1365-1374页doi:10.19675/j.cnki.1006-687x.2018.01005 | 2018.12.25 |
| 30 | 有序介孔Ru-MgZr复合氧化物合成及催化亚油酸异构化性能 | 陈杰博,谢伟杰,王璐,王祎铭,雷玉凤,魏雅丽 | 《应用化学》2018年第35卷第11期P1342-1350页doi:10.11944 /j.issn.1000-0518.2018.11.170412 | 2018.11接受日期：2018.02.06  |
| 31 | 甘蔗泛素结合酶基因的克隆与表达 | 黄宁,李聪娜,汤翰臣,郑清雷,凌辉,陈如凯,阙友雄 | 《应用与环境生物学报》2018年第24卷第4期P845-852页doi:10.19675/j.cnki.1006-687x.2017.11006 | 2018.08.25 |
| 32 | 一个甘蔗Ⅱd类WRKY转录因子基因的克隆和表达分析 | 张旭,凌辉,刘峰,黄宁,王玲,毛花英,李聪娜,汤翰臣,苏炜华,苏亚春,阙友雄 | 《中国农业科学》 2018年第23期 P4409-4423页doi:10.3864/j.issn.0578-1752.2018.23.002 | 接受日期：2018.07.29 |
| 33 | 甘蔗ScWRKY4基因的克隆与表达特性分析 | 王玲,刘峰,戴明剑,孙婷婷,苏炜华,王春风,张旭,毛花英,苏亚春,阙友雄 | 《作物学报》 2018年第9期 P1367-1379页doi: 10.3724/SP.J.1006.2018.01367 | 2018.07.02 |
| 34 | 甘蔗杆状病毒及其启动子功能的研究进展 | 孙生仁,张慧丽,吴小斌,高三基 | 《植物生理学报》2018年第54卷第6期P943-950页doi:10.13592/j.cnki.ppj.2018.0131 | 修定日期：2018.05.28 |
| 35 | 甘蔗磷脂酰肌醇转运蛋白基因ScSEC14响应干旱和盐胁迫 | 毛花英,刘峰,苏炜华,黄宁,凌辉,张旭,王文举,李聪娜,汤翰臣,苏亚春,阙友雄 | 《作物学报》 2018年第6期 P824-835页doi: 10.3724/SP.J.1006.2018.00824 | 2018.03.19 |
| 36 | 甘蔗品种的AFLP和SSR标记鉴定及其应用 | 汪洲涛,游倩,高世武,王春风,李竹,马晶晶,阙友雄,许莉萍,罗俊 |  《作物学报》 2018年第5期 P723-736页doi:10.3724/SP.J.1006.2018.00723 | 2018.03.16 |
| 37 | 不同耕整地方式对甘蔗耕层结构特性及产量的影响 | 罗俊,林兆里,阙友雄,张 华,李诗燕,罗会,张才芳,陈建峰 |  《中国生态农业学报》 2018年第6期 P824-836页doi:10.13930/j.cnki.cjea.170918 | 接受日期: 2018.01.22 |
| 38 | 基于田间表型和Bru1基因检测分析甘蔗褐锈病抗性遗传 | 李竹,许莉萍,苏亚春,吴期滨,成伟,孙婷婷,高世武 |  《作物学报》 2018年第2期 P306-312页doi:10.3724/SP.J.1006.2018.00306 | 2017.12.04 |