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| 序号 | 论文标题 | 作者 | 发表期刊 | 发表时间 |
| 1 | Global Gene Responses of Resistant and Susceptible Sugarcane Cultivars to Acidovorax avenae subsp. avenae Identified Using Comparative Transcriptome Analysis | Na Chu,Jingru Zhou ,Huaying Fu,Meiting Huang,Huili Zhang, Sanji Gao | Microorganisms.2019 Dec 19;8(1):10. doi:10.3390/microorganisms8010010. | 2019.12.19 |
| 2 | Establishment of a qualitative PCR assay for the detection of Xanthomonas albilineans (Ashby) Dowson in sugarcane | Hengbo Wang,Naiyan Xiao,Yongjun Wang,Jinlong Guo,Jisen Zhang | Crop Protection.Volume 130,April 2020,105053.doi:10.1016/j.cropro.2019.105053 | 2019.12.16 |
| 3 | Comparative Transcriptome Profiling of Resistant and Susceptible Sugarcane Cultivars in Response to Infection by Xanthomonas albilineans | Mbuya Sylvain Ntambo,Jianyu Meng,Philippe C Rott,Robert J Henry,Huili Zhang,Sanji Gao | Int J Mol Sci.2019 Dec 5;20(24):6138. doi:10.3390/ijms20246138 | 2019.12.05 |
| 4 | Liming Positively Modulates Microbial Community Composition and Function of Sugarcane Fields | Ziqin Pang,Muhammad Tayyab,Chuibao Kong,Chaohua Hu,Zhisheng Zhu, Xin Wei,Zhaonian Yuan  | Agronomy 2019,9,808. doi:10.3390/agronomy9120808  |  2019.11.26 |
| 5 | Mitochondrial genome in Hypsizygus marmoreus and its evolution in Dikarya | Gang Wang,Jingxian Lin,Yang Shi,Xiaoguang Chang,Yuanyuan Wang,Lin Guo,Wenhui Wang,Meijie Dou,Youjin Deng,Ray Ming,Jisen Zhang | BMC Genomics.2019 Oct 22;20(1):765. doi:10.1186/s12864-019-6133-z.  | 2019.10.22 |
| 6 | Sugarcane mosaic virus infection of model plants Brachypodium distachyon and Nicotiana benthamiana | Jingsheng Xu,Yuqing Deng,Guangyuan Cheng,Yushan Zhai,Lei Peng,Meng Dong,Qian Xu,Yongqing Yang | Journal of Integrative Agriculture.Volume 18, Issue 10, October 2019, Pages 2294-2301.doi:10.1016/S2095-3119(19)62572-4 | 2019.10.10 |
| 7 | Improved Primers for the Specific Detection of Leifsonia xyli subsp. xyli in Sugarcane Using a Conventional PCR Assay | Shengren Sun,Junlü Chen,Yaoyao Duan,Na Chu,Meiting Huang,Huaying Fu,Sanji Gao  | Plant Dis.2019 Dec;103(12):3251-3258. doi:10.1094/PDIS-12-18-2221-RE | 2019.10.08 |
| 8 | Characterization of a Saccharum spontaneum with a basic chromosome number of x=10 provides new insights on genome evolution in genus Saccharum | Zhuang Meng,Jinlei Han,Yujing Lin,Yiyong Zhao,Qingfang Lin,Xiaokai Ma,Jianping Wang,Muqing Zhang,Liangsheng Zhang,Qinghui Yang,Kai Wang | Theor Appl Genet. 2020 Jan;133(1):187-199.doi: 10.1007/s00122-019-03450-w | 2019.10.05 |
| 9 | Sugarcane Omics: An Update on the Current Status of Research and Crop Improvement | Ahmad Ali,Mehran Khan,Rahat Sharif,Muhammad Mujtaba,Sanji Gao | Plants (Basel). 2019 Sep 12;8(9):344. doi:10.3390/plants8090344 | 2019.09.12 |
| 10 | Establishment of an Open, Sugar-Free Tissue Culture System for Sugarcane Micropropagation | Jiaju Lu,Ahmad Ali, Erqi He,Guoqiong Yan,Tira umphon Arak,Sanji Gao | Sugar Tech (Jan-Feb 2020) 22(1):8–14.doi:10.1007/s12355-019-00758-1 | 2019.08.27 |
| 11 | Catalytic properties of barium modified Ru/MgZrO2 for the isomerization linoleic acid to conjugated linoleic acid | Jiebo Chen,Lu Wang,Peng Wang,Jihong Cai | Journal of Industrial and Engineering Chemistry.Volume 80,25 December 2019, Pages 425-430.doi:10.1016/j.jiec.2019.08.022 | 2019.08.13 |
| 12 | Identification of Sugarcane Host Factors Interacting with the 6K2 Protein of the Sugarcane Mosaic Virus | Hai Zhang,Guangyuan Cheng,Zongtao Yang,Tong Wang,Jingsheng Xu | Int J Mol Sci.2019 Aug 8;20(16):3867. doi:10.3390/ijms20163867 |  2019.08.08 |
| 13 | First report of Maize yellow mosaic virus infecting sugarcane in China | Shengren Sun,Jiansheng Chen, Jian Yang,Xiaocong Huang,Meiting Huang,Sanji Gao  | Plant Disease.doi:10.1094/PDIS-04-19-0762-PDN | 2019.07.22 |
| 14 | Development of an Axiom Sugarcane100K SNP array for genetic map construction and QTL identification | Qian You,Xiping Yang,Ze Peng,Md Sariful Islam,Sushma Sood,Ziliang Luo,Jack Comstock,Liping Xu,Jianping Wang  | Theor Appl Genet.2019 Oct;132(10):2829-2845. doi:10.1007/s00122-019-03391-4. | 2019.07.18 |
| 15 | Molecular identification of Xanthomonas albilineans infecting elephant grass (Pennisetum purpureum) in China | Jianyu Meng,Mbuya Sylvain Ntambo,Linmei Luo,Meiting Huang,Huaying Fu,Sanji Gao | Crop Protection.Volume 124,October 2019,104853.doi:10.1016/j.cropro.2019.104853 | 2019.06.19 |
| 16 | Comparative Analyses of Three Sterilization Processes on Volatile Compounds in Sugarcane Juice | L. Wang, W. Deng, P. Wang, W. Huang, T. Zheng, J. Cai, J. Wu, J. Chen | Transactions of the ASABE Vol. 62(6): 1689-1696.doi:10.13031/trans.13601. | 2019.06 |
| 17 | Comparative Analysis of SUS Gene Family between Saccharumofficinarum and Saccharum spontaneum | Yan Shi,Huimin Xu,Qiaochu Shen,Jingxian Lin,Yongjun Wang,Xiuting Hua,Wei Yao,Qingyi Yu,Ray Ming,Jisen Zhang | Tropical Plant Biology.doi:10.1007/s12042-019-09230-6 | 2019.05.30 |
| 18 | Silicon-mediated improvement in tolerance of economically important crops under drought stress | Ziqin Pang,Muhammad Tayyab,Waqar Islam,Muhammad Waqqas Khan Tarin,Rubab Sarfraz,Hassan Naveed,S -Zaman,Bao Zhang,Zongsheng Yuan,Hua Zhang | May 2019·Applied Ecology and Environmental Research 17(3):6151-6170.doi:10.15666/aeer/1703\_61516170 |  2019.05.15accepted:2019.04.08 |
| 19 | Evolution and Expression Analysis of Starch Synthase Gene Familiesin Saccharum spontaneum | Panpan Ma,Yuan Yuan,Qiaochu Shen,Qing Jiang,Xiuting Hua,Qing Zhang,Muqing Zhang,Ray Ming,Jisen Zhang | Tropical Plant Biology (2019) 12:158–173.doi:10.1007/s12042-019-09225-3 | 2019.05.14 |
| 20 | Characterization analysis of the 35S rDNA intergenic spacers in Erianthus arundinaceus | Xuguang Hu,Fan Yu,Yongji Huang,Lei Sun,Xueting Li,Shan Yang,Ke Chen,Fei Huang,Kai Zeng,Muqing Zhang,Zuhu Deng  | Gene. 2019 Apr 30;694:63-70. doi:10.1016/j.gene.2019.01.026 | 2019.04.30 |
| 21 | Transcripts and low nitrogen tolerance: Regulatory and metabolic pathways in sugarcane under low nitrogen stress | Yingying Yang,Shiwu Gao,Yachun Su,Zhaoli Lin,Jinlong Guo,Mingjie Li,Zhoutao Wang,Youxiong Que,Liping Xu | Environmental and Experimental Botany.Volume 163,July 2019,Pages 97-111.doi:10.1016/j.envexpbot.2019.04.010 | 2019.04.12 |
| 22 | The Physiological and Agronomic Responses to Nitrogen Dosage in Different Sugarcane Varieties | Yingying Yang,Shiwu Gao,Yong Jiang,Zhaoli Lin,Jun Luo,Mingjie Li,Jinlong Guo,Yachun Su,Liping Xu,Youxiong Que | Front Plant Sci.2019 Apr 5;10:406. doi:10.3389/fpls.2019.00406.  | 2019.04.05 |
| 23 | Molecular cloning, characterization, and expression profiling analysis of Cry toxin receptor genes from sugarcane shoot borer Chilo infuscatellus (Snellen) | Jinda Wang,Jiasong Zhang,Yanfang Guo,Lifei Chen,Falv Wang,Meiting Huang,Sanji Gao ,Ran Wang | Pestic Biochem Physiol.2019 Jun;157:186-195. doi:10.1016/j.pestbp.2019.03.023 | 2019.04.03 |
| 24 | First Report of Sugarcane Mosaic Virus on Pumpkin Plants Exhibiting Mosaic and Mottling Symptoms in China | He Zhao,Hai Zhang,Zhongtao Yang,Tong Wang,Yijie Liu,Guangyuan Cheng,Jingsheng Xu | March 2019·Plant Disease 103(7).doi:10.1094/PDIS-02-19-0338-PDN | 2019.03.29 |
| 25 | Chromosome transmission in BC4 progenies of intergeneric hybrids between Saccharum spp. and Erianthus arundinaceus (Retz.) Jeswiet | Shan Yang,Kai Zeng,Ke Chen,Jiayun Wu,Qinnan Wang,Xueting Li, Zuhu Deng,Yongji Huang,Fei Huang,Rukai Chen ,Muqing Zhang | Sci Rep. 2019 Feb 21;9(1):2528. doi:10.1038/s41598-019-38710-8 | 2019.02.21 |
| 26 | Genome-wide identification, phylogeny, and expression analysis of Sec14-like PITP gene family in sugarcane | Huaying Mao,Wenju Wang, Weihua Su,Yachun Su,Feng Liu,Congna Li,Ling Wang,Xu Zhang,Liping Xu, Youxiong Que  | Plant Cell Rep.2019 May;38(5):637-655. doi:10.1007/s00299-019-02394-1 | 2019.02.12 |
| 27 | Molecular cloning, characterization and functional analysis of GluCl from the oriental armyworm, Mythimna separata Walker | Jinda Wang,Lifei Chen,Dongjiang Lin,Jiasong Zhang,Jihan Zhao ,Da Xiao,Ran Wang,Rong Wang,Sanji Gao | Pestic Biochem Physiol.2019 May;156:56-62. doi:10.1016/j.pestbp.2019.02.004 | 2019.02.06 |
| 28 | Suitable Reference Genes/miRNAs for qRT-PCR Normalization of Expression Analysis in Sugarcane Under Sorghum mosaic virus Infection | Hui Ling,Ning Huang,Liping Xu,Qiong Peng,Feng Liu,Yuting Yang,Youxiong Que | Sugar Tech (Sept-Oct 2019) 21(5):780–793.doi:10.1007/s12355-019-00712-1 | 2019.02.06 |
| 29 | Presence of Diverse Sugarcane Bacilliform Viruses Infecting Sugarcane in China Revealed by Pairwise Sequence Comparisons and Phylogenetic Analysis | Kashif Ahmad,Shengren Sun,Junlü Chen,Meiting Huang,Huaying Fu,Sanji Gao | Plant Pathol J. 2019 Feb;35(1):41-50. doi:10.5423/PPJ.OA.08.2018.0156 | 2019.02.01 |
| 30 | Comparative genomics revealed the gene evolution and functional divergence of magnesium transporter families in Saccharum | Yongjun Wang,Xiuting Hua,Jingsheng Xu,Zhichang Chen,Tianqu Fan,Zhaohui Zeng,Hengbo Wang,Ailing Hour,Qingyi Yu,Ray Ming,Jisen Zhang | BMC Genomics.2019 Jan 24;20(1):83. doi:10.1186/s12864-019-5437-3 | 2019.01.24 |
| 31 | Genetic diversity and population structure analysis of Saccharum and Erianthus genera using microsatellite (SSR) markers | Ahmad Ali,Yongbao Pan,Qinnan Wang,Jinda Wang,Junlü Chen,Sanji Gao  | Sci Rep.2019 Jan 23;9(1):395. doi:10.1038/s41598-018-36630-7 | 2019.01.23 |
| 32 | A dynamic degradome landscape on miRNAs and their predicted targets in sugarcane caused by Sporisorium scitamineum stress | Yachun Su,Xinhuan Xiao,Hui Ling,Ning Huang,Feng Liu,Weihua Su,Yuye Zhang,Liping Xu,Khushi Muhammad,Youxiong Que | BMC Genomics.2019 Jan 18;20(1):57. doi:10.1186/s12864-018-5400-8 | 2019.01.18 |
| 33 | 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 |
| 34 | Identification and characterization of Xanthomonas albilineans causing sugarcane leaf scald in China using multilocus sequence analysis | M.S.Ntambo,J.-Y.Meng,P.C.Rott,M.Royer,L.-H.Lin,H.-L. Zhang,S.-J.Gao | Plant Pathology(2019)68,269–277.doi:10.1111/ppa.12951 | First published: 2018.10.06Published online: 2018.10.26 |
| 35 | 甘蔗属大茎野生种Ty1-copia反转录转座子逆转录酶序列克隆与特点分析 | 吴子莺,杨善,钱旺,吴嘉云,陈柯,张珂,李佩婷,邓祖湖  | 植物遗传资源学报2020,21(2):466-476.doi:10.13430/j.cnki.jpgr.20190506001 | 2019.08.21 |
| 36 | 南瓜籽热处理工艺对南瓜籽油活性成分的影响 | 王璐，OLGA Padilla-Zakour，陈杰博，黄文城 | 《粮食与油脂》2019年第32卷第10期P56-59页doi:10.3969/j.issn.1008-9578.2019.10.014 | 2019收稿日期：2019.05.09 |
| 37 | 甘蔗白条病及其致病菌Xanthomonas albilineans研究进展 | 孟建玉，张慧丽，林岭虹，黄宏阳，高三基 | 植物保护学报Journal of Plant Protection,2019,46（2)：257-265doi:10.13802/j.cnki.zwbhxb.2019.2018092 | 2019收稿日期：2018.05.06 |
| 38 | 甘蔗脂氧合酶基因ScLOX1的克隆与表达分析 | 孙婷婷，王文举，娄文月，刘峰，张旭，王玲，陈玉凤，阙友雄， 许莉萍，李大妹，苏亚春 |  《作物学报》 2019年第7期 P1002-1016页doi:10.3724/SP.J.1006.2019.84143 | 2019.03.22 |
| 39 | 耕作深度对蔗地土壤物理性状及甘蔗产量的影响 | 罗俊,林兆里,阙友雄,李诗燕,姚坤存,姜永,张华,陈建峰 | 《应用生态学报》2019年2月第30卷第2期P405-412页doi:10.13287 /j．1001－9332．201902.010 | 2019接受日期：2018.12.12  |
| 40 | 甘蔗NAD(P)H脱氢酶复合体O亚基基因克隆及其与甘蔗花叶病毒VPg互作 | 翟玉山，赵贺，张海，邓宇晴，程光远，杨宗桃，王彤，彭磊，徐倩，董萌，徐景升 | 作物学报ACTA AGRONOMICA SINICA 2019,45（10）：1478-1487.doi:10.3724/SP.J.1006.2019.94002 | 2019 |