

ISSN (PRINT) 1674-2052 ISSN (ONLINE) 1752-9867 CN 31-2013/Q 分子植物

Molecular Plant

Volume 11
Number 8

August 6, 2018

www.cell.com/molecular-plant
www.mplant.org



CSPB
IPPE, SIBS, CAS

万方数据

CellPress

Molecular Plant

Published on behalf of CSPB and IPPE, SIBS, CAS

Volume 11 Number 8 August 2018

Spotlights

- 1003 **A Footprint of Plant Desiccation Tolerance. Does It Exist?** *Henk W.M. Hilhorst, Maria-Cecília D. Costa, and Jill M. Farrant*
- 1006 **Post-transcriptional Regulation of MicroRNA Accumulation and Function: New Insights from Plants** *Zofia Szweykowska-Kulinska and Artur Jarmolowski*

Research Articles

- 1008 **Structural Flexibility Enables Alternative Maturation, ARGONAUTE Sorting and Activities of miR168, a Global Gene Silencing Regulator in Plants** *Taichiro Iki, Antoine Cléry, Nicolas G. Bologna, Alexis Sarazin, Christopher A. Brosnan, Nathan Pumplin, Frédéric H.T. Allain, and Olivier Voinnet*
- 1024 **Genome of Wild Mandarin and Domestication History of Mandarin** *Lun Wang, Fa He, Yue Huang, Jiaxian He, Shuizhi Yang, Jiwu Zeng, Chongling Deng, Xiaolin Jiang, Yiwen Fang, Shaohua Wen, Rangwei Xu, Huiwen Yu, Xiaoming Yang, Guangyan Zhong, Chuanwu Chen, Xiang Yan, Changfu Zhou, Hongyan Zhang, Zongzhou Xie, Robert M. Larkin, Xiuxin Deng, and Qiang Xu*
- 1038 **LHP1 Interacts with ATRX through Plant-Specific Domains at Specific Loci Targeted by PRC2** *Haifeng Wang, Danhua Jiang, Elin Axelsson, Zdravko J. Lorković, Sean Montgomery, Sarah Holec, Bas J.G.E. Pieters, Abbas H.K. Al Temimi, Jasmin Mecinović, and Frédéric Berger*
- 1053 **Antagonism of Transcription Factor MYC2 by EDS1/PAD4 Complexes Bolsters Salicylic Acid Defense in Arabidopsis Effector-Triggered Immunity** *Haitao Cui, Jingde Qiu, Yue Zhou, Deepak D. Bhandari, Chunhui Zhao, Jacqueline Bautista, and Jane E. Parker*
- 1067 **A *Phytophthora capsici* RXLR Effector Targets and Inhibits a Plant PPIase to Suppress Endoplasmic Reticulum-Mediated Immunity** *Guangjin Fan, Yang Yang, Tingting Li, Wenqin Lu, Yu Du, Xiaoyu Qiang, Qujiang Wen, and Weixing Shan*
- 1084 **Phylogenomic Mining of the Mints Reveals Multiple Mechanisms Contributing to the Evolution of Chemical Diversity in Lamiaceae** *Mint Evolutionary Genomics Consortium*

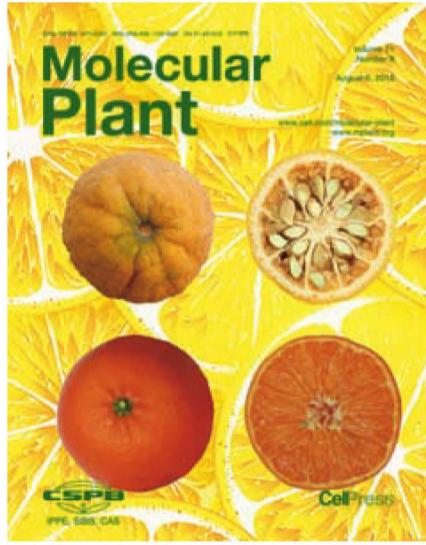
Letters to the Editor

- 1097 An Ancestral Gibberellin in a Moss *Physcomitrella patens*

Sho Miyazaki, Mariho Hara, Shinsaku Ito, Keisuke Tanaka, Tadao Asami, Ken-ichiro Hayashi, Hiroshi Kawaide, and Masatoshi Nakajima

- 1101 Anther Endothecium-Derived Very-Long-Chain Fatty Acids Facilitate Pollen Hydration in *Arabidopsis*

Huadong Zhan, Haibo Xiong, Shui Wang, and Zhong-Nan Yang



On The Cover

Domestication of mandarin. The upper photo shows a wild citrus from Mangshan mountain (*Citrus mangshanensis*). The bottom photo shows a red mandarin, which is a form of cultivated mandarin with long history in South China. Image by: Qiang Xu.