## Functional Plant Biology

## Contents

Volume 48 Issue 5 2021

OsCER1 regulates humidity-sensitive genic male sterility through very-long-chain (VLC) alkane metabolism of tryphine in rice Erdong Ni, Li Deng, Huiqiong Chen, Jianwen Lin, Jiamin Ruan, Zhenlan Liu, Chuxiong Zhuang and Hai Zhou	461–468
Leaf gas exchange and bean quality fluctuations over the whole canopy vertical profile of Arabic coffee cultivated under elevated CO <sub>2</sub> Miroslava Rakocevic, Eunice R. Batista, Ricardo A. A. Pazianotto, Maria B. S. Scholz, Guilherme A. R. Souza, Eliemar Campostrini and José C. Ramalho	469–482
Variation in nocturnal stomatal conductance and development of predawn disequilibrium between soil and leaf water potentials in nine temperate deciduous tree species <i>Ott Kangur, Kathy Steppe, Jeroen D. M. Schreel, Jonas S. von der Crone and Arne Sellin</i>	483–492
Source and sink activity of <i>Holcus lanatus</i> in response to absolute and relative supply of nitrogen and phosphorus <i>Shuqiong Wang, Jerry van Dijk, Hugo J. de Boer and Martin J. Wassen</i>	493–502
Impact of elevated CO <sub>2</sub> and heat stress on wheat pollen viability and grain production <i>Anowarul I. Bokshi, Daniel K. Y. Tan, Rebecca J. Thistlethwaite, Richard Trethowan and Karolin Kunz</i>	503–514
Monochromatic red light during plant growth decreases the size and improves the functionality of stomata in chrysanthemum <i>Mehdi Seif, Sasan Aliniaeifard, Mostafa Arab, Mahboobeh Zare Mehrjerdi, Aida Shomali, Dimitrios Fanourakis,</i>	515 500
Tao Li and Ernst WolteringDrought resistance in Harumi tangor seedlings grafted onto different rootstocksTiantian Dong, Lijuan Xi, Bo Xiong, Xia Qiu, Shengjia Huang, Wenxin Xu, Jiaqi Wang, Bozhi Wang,Yuan Yao, Changwen Duan, Xiaoyu Tang, Guochao Sun, Xun Wang, Honghong Deng and Zhihui Wang	515–528 529–541
Identification and characterisation of cold stress-related proteins in <i>Oryza rufipogon</i> at the seedling stage using label-free quantitative proteomic analysis <i>Li-Wei-Dan Bai, Jian Liu, Liang-Fang Dai, Qian-Wen Deng, Ya-Ling Chen, Jian-Kun Xie and Xiang-Dong Luo</i>	542–555