Articles

| 337 | Genome-wide analysis of antioxidant enzyme gene families involved in drought |
|-----|------------------------------------------------------------------------------------|
| | and low-temperature responses in Apple (Malus domestica) |
| | Xing-Liang Li, Jun-Ke Zhang, Min-Ji Li, Bei-Bei Zhou, Qiang Zhang and Qin-Ping Wei |

- Functional characterisation of MdMYB44 as a negative regulator in the response to cold and salt stress in apple calli
 Ruigang Wu, Yi Wang, Ting Wu, Xuefeng Xu and Zhenhai Han
- The complete chloroplast genome sequence of the folk medicinal and vegetable plant purslane (*Portulaca oleracea* L.)

 Xia Liu, Hongyuan Yang, Jiafeng Zhao, Boyang Zhou, Tongtong Li and Beibei Xiang
- In silico and expression analysis of the tonoplast monosaccharide transporter (TMT) gene family in Pyrus bretschneideri
 Rui Cheng, Hu Ping Zhang, Yin Sheng Cheng, Ying Zhen Wang, Guo Ming Wang and Shao Ling Zhang
- 377 Exploring and optimising the conditions for virus-induced gene silencing in an ornamental tobacco, *Nicotiana alata*Ayat Taheri-Dehkordi, Azizollah Khandan-Mirkohi, Mohsen Kafi and Seyed Alireza Salami
- Glycine betaine counteracts the inhibitory effects of waterlogging on growth, photosynthetic pigments, oxidative defence system, nutrient composition, and fruit quality in tomato Rizwan Rasheed, Muhammad Iqbal, Muhammad Arslan Ashraf, Iqbal Hussain, Fahad Shafiq, Atiqa Yousaf and Ahmad Zaheer
- Effects of abscisic acid agonist or antagonist applications on aroma volatiles and anthocyanin biosynthesis in grape berries

 Haifeng Jia, Shanshan Wang, Hong Lin, Takanori Satio, Kongsuwan Ampa,

 Yasushi Todoroki and Satoru Kondo
- 400 Postharvest physiology of *Corchorus olitorius* baby leaf growing with different nutrient solutions Andrea Giro and Antonio Ferrante
- Diversity of nitrate, oxalate, vitamin C and carotenoid contents in different spinach accessions and their correlation with various morphological traits

 Xiaoli Wang, Xiaofeng Cai, Chengxi Xu, Qi Zhao, Chenhui Ge, Shaojun Dai and Quan-hua Wang
- 416 Newly developed SSR markers reveal genetic diversity and geographical clustering in Paeonia suffruticosa based on flower colour Lili Guo, Dalong Guo, Wei Zhao and Xiaogai Hou
- Association analysis of yield, oil and fatty acid content, and main phenotypic traits in *Paeonia rockii* as an oil crop

 Cui Huliang, Chen Cunrui, Huang Nongzhang and Cheng Fangyun
- Conditioning alleviates reduced yield of smaller plugs of 'Albion' strawberry (Fragaria X ananassa Duch.) in off-season plasticulture production Edward F. Durner
- The microstructure of the suture in the pecan endocarp *T. T. Xue, J. Liu, Y. B. Shen and G. Q. Liu*