

VOLUME 96 ISSUE 2 MARCH 2021

ISSN 1462-0316

THE JOURNAL OF

Horticultural & Science Biotechnology



Taylor & Francis
Taylor & Francis Group

Horticultural & Science Biotechnology

Reviews

- 135 A review of productivity in strawberries: marketable yield has a linear, but inconsistent relationship with total yield, and cannot be predicted from total yield
Christopher Michael Menzel
- 145 Review: Bokashi technology as a promising technology for crop production in Europe
Margit Ollé

Articles

- 153 Targeted mutagenesis of *CENTRORADIALIS* using CRISPR/Cas9 system through the improvement of genetic transformation efficiency of tetraploid highbush blueberry
Masafumi Omori, Hisayo Yamane, Keishi Osakabe, Yuriko Osakabe and Ryutaro Tao
- 162 Agrobacterium-mediated transformation of Persian walnut using BADH gene for salt and drought tolerance
Fatemeh Rezaei Qusheh Bolagh, Alireza Solouki, Masoud Tohidfar, Mahboobeh Zare Mehrjerdi, Ali Izadi-Darbandi and Kourosh Vahdati
- 172 Effect of antibiotics on Agrobacterium-mediated transformation from anther derived embryos of *Eriobotrya japonica* (Thunb.) Lindl. cv.'Dawuxing'
Lihua Lin, Li Junqiang, Hua Zong and Yongqing Wang
- 183 Molecular cloning and expression analysis of *BoRAN3* in *Brassica oleracea*
Jing Zeng, Yan Ling Mo, Xiao Ping Lian, Qian Ying Liu, An Ran Wu, Chong You, Xin Tang, Liang Zhao and Li Quan Zhu
- 190 Transcriptome analysis of apple rootstocks with different stem-root gravitropic setpoint angles
Rong Wang, Yunfei Mao, Yanli Hu and Xiang Shen
- 201 Marker-assisted confirmation of maternal or zygotic origin of embryogenic cultures and regenerated plantlets of two polyembryonic mango cultivars using SSR markers
Sajana S, Pious Thomas, Ravishankar K V, P Nandeesha, Reju M Kurian, Anuradha Sane and Hima Bindu
- 209 Selection of suitable reference genes for RT-qPCR normalisation in sweet potato (*Ipomoea batatas* L.) under different stresses
Li GuoLiang, Xu Guochun, Lin Zhaomiao, Li Huawei, Liu Zhonghua, Xu Yongqing, Zhang Hong, Ji Rongchang, Luo Wenbin, Qiu Yongxiang, Qiu Sixin and Tang Hao
- 220 Evaluation of the photosynthetically active radiation (PAR) treatment as degreening method on 'Okitsu' Satsuma
Verónica E. Ruiz, Gustavo A. Martínez and Carlos A. Bouzo
- 228 Co-regulation of catechins biosynthesis responses to temperature changes by shoot growth and catechin related gene expression in tea plants (*Camellia sinensis* L.)
Ping Xiang, Iain W. Wilson, Jiaxin Huang, Qifang Zhu, Meng Tan, Jing Lu, Jianghong Liu, Shuilian Gao, Shizhong Zheng, Dongyi Lin, Yue Zhang and Jinke Lin
- 239 Night temperature determines flowering time and quality of *Chrysanthemum morifolium* during a high day temperature
Ah Ram Cho and Yoon Jin Kim
- 249 Efficiency of *Funneliformis mosseae* and *Thiobacillus* sp. on the secondary metabolites (essential oil, seed oil and mucilage) of *Lallemandia iberica* under salinity stress
Shabnam Heydari and Alireza Pirzad
- 260 A new allelic discrimination real-time PCR assay for *PavMYB10.1* genotyping to predict sweet cherry fruit colour: a comparison with the Pav-Rf-SSR assay
Radek Cmejla, Ivona Zdarska, Pavol Suran, Frantisek Paprstein and Jana Cmejlova



Taylor & Francis

Taylor & Francis Group