

CONTENTS

The identification and functional verification of the cinnamate 4-hydroxylase gene from wax apple fruit and its role in lignin biosynthesis during nitric oxide-delayed postharvest cottony softening L.-n. Huang, G.-b. Wu, S. Zhang, F.-Y. Kuang and F.-h. Chen (China)	110964	Multivariate calibration of spectroscopic sensors for postharvest quality evaluation: A review W. Saeys, N. Nguyen Do Trong, R. Van Beers and B.M. Nicolai (Belgium)	110981
Detection of early decayed oranges based on multispectral principal component image combining both bi-dimensional empirical mode decomposition and watershed segmentation method J. Li, R. Zhang, J. Li, Z. Wang, H. Zhang, B. Zhan and Y. Jiang (China)	110986	Volatile component quantification in combination with putative gene expression analysis reveal key players in aroma formation during fruit ripening in <i>Carica papaya</i> cv 'Hong fei' R. Liu, Z. Du, Y. Zhang, Y. Shi, X. Chen, L. Lin, Y. Xiong and M. Chen (China)	110987
Measurement and analysis of vibration and mechanical damage to bananas during long-distance interstate transport by multi-trailer road trains I. Fernando, J. Fei and R. Stanley (Australia)	110977	Preharvest multiple sprays with sodium nitroprusside promote wound healing of harvested muskmelons by activation of phenylpropanoid metabolism B. Wang, H. Jiang, Y. Bi, X. He, Y. Wang, Y. Li, X. Zheng (China) and D. Prusky (China, Israel)	110988
Effects of the peptide H-OOWW-NH ₂ and its derived lipopeptide C ₁₂ -OOWW-NH ₂ on controlling of citrus postharvest green mold X. Li, W. Wang, S. Liu, C. Ruan, L. Yi, L. Deng, S. Yao and K. Zeng (PR China)	110979	Exogenous procyanidin treatment delays senescence of harvested banana fruit by enhancing antioxidant responses and in vivo procyanidin content J. Chen, F. Li, Y. Li, Y. Wang, C. Wang, D. Yuan and Y. Jiang (China)	110999
Imbalanced expression of <i>stay-green 1</i> alleles in banana AAB/ABB cultivars prevents high-temperature-induced green ripening as in AAA Cavendish fruit Q. Wu, Z.-z. Ma, Y.-l. Qin, Y.-m. Li, B.-z. Huang, X.-l. Zhang, L. Du (China), J. Song (Canada), Z.-q. Zhang and X.-q. Pang (China)	110980	Bioactive compounds in ready-to-eat rocket leaves as affected by oxygen partial pressure and storage time: A kinetic modelling M.J. Pereira, A.L. Amaro, A. Oliveira and M. Pintado (Portugal)	110985
'Passe Crassane' pear fruit (<i>Pyrus communis</i> L.) ripening: Revisiting the role of low temperature via integrated physiological and transcriptome analysis O.W. Mitalo, Y. Tosa, S. Tokiwa, Y. Kondo, A. Azimi, Y. Hojo, T. Matsuura, I.C. Mori, R. Nakano, T. Akagi, K. Ushijima and Y. Kubo (Japan)	110949	Mineral composition and distribution within 'Rocha' pear in relation to internal storage disorders A.A. Saquet (Portugal, Brazil), J. Streif (Germany) and D.P.F. Almeida (Portugal)	111002
Development of an artificial fruit prototype for monitoring mango skin and flesh temperatures during storage and transportation O.C. de Mello Vasconcelos, G.J.B. de Campos Ferreira, J. de Castro Silva, B.J. Teruel Mederos and S.T. de Freitas (Brazil)	110956		