

CONTENTS

*Cited in CAB Abstracts, Current Awareness in Biological Sciences (CABS), EMBiology,  
Current Contents, A, B & ES and Food Science and Technology Abstracts (FSTA)*

Effect of cutting styles on quality and antioxidant activity in fresh-cut pitaya fruit X. Li, Q. Long, F. Gao, C. Han, P. Jin and Y. Zheng (Nanjing, PR China)	1
Combination of fogging and refrigeration for white asparagus preservation on vegetable stalls D. Tirawat (Hat-Yai, Thailand), D. Flick (Paris, France), V. Mérendet (France), E. Derens and O. Laguerre (Antony, France)	8
The crown plays an important role in maintaining quality of harvested pineapple J. Liu, C. He, F. Shen, K. Zhang and S. Zhu (Guangzhou, China)	18
Sucrose degradation is regulated by 1-methylcyclopropene treatment and is related to chilling tolerance in two peach cultivars L. Yu, X. Shao, Y. Wei, F. Xu and H. Wang (Ningbo, PR China)	25
New post-harvest approach for high quality fresh 'Medjhoof' date R. Ben-Zvi, T. Ignat, V. Alchanatis, A. Hoffman, H. Borochoy-Neori, A. Immerman and Z. Schmilovitch (Israel)	35
Breeding for postharvest performance in chrysanthemum by selection against storage-induced degreening of disk florets G. van Geest (Wageningen, The Netherlands and Maasdijk, The Netherlands), A. Post (Maasdijk, The Netherlands), P. Arens, R.G.F. Visser and U. van Meeteren (Wageningen, The Netherlands)	45
Evaluation of the antioxidant/antimicrobial performance of <i>Posidonia oceanica</i> in comparison with three commercial natural extracts and as a treatment on fresh-cut peaches ( <i>Prunus persica</i> Batsch) G. Piva (Palermo, Italy), D. Fracassetti, A. Tirelli, E. Mascheroni, A. Musatti (Milano, Italy), P. Inglese (Palermo, Italy), L. Piergiovanni and M. Rollini (Milano, Italy)	54
The role of horticultural carton vent hole design on cooling efficiency and compression strength: A multi-parameter approach T.M. Berry, T.S. Fadji (Stellenbosch, South Africa), T. Defraeye (Dubendorf, Switzerland, Zurich, Switzerland and Heverlee, Belgium) and U.L. Opara (Stellenbosch, South Africa)	62
A sequential treatment with sodium hypochlorite and a reduced dose of imazalil heated at 50 °C effectively control decay of individually film-wrapped lemons stored at 20 °C S. D'Aquino (Sassari, Italy), D. Suming, Z. Deng (Changsha, China), A. Gentile (Changsha, China and Catania, Italy), A. Angioni, L. De Pau (Cagliari, Italy) and A. Palma (Sassari, Italy)	75
Application of a hydrothermal-calcium chloride treatment to inhibit postharvest anthracnose development in papaya L.E. Ayón-Reyna (Culiacán, Mexico), A. González-Robles (México DF, Mexico), J.G. Rendón-Maldonado, M.E. Báez-Flores, M.E. López-López and M.O. Vega-García (Culiacán, Mexico)	85
Bacterial population dynamics and sensorial quality loss in modified atmosphere packed fresh-cut iceberg lettuce M.J.M. Paillart, J.M.B.M. van der Vossen, E. Levin, E. Lommen, E.C. Otma, J.C.M.A. Snels and E.J. Woltering (The Netherlands)	91
Application of low-field MRI for quality assessment of 'Conference' pears stored under controlled atmosphere conditions M. Suchanek, M. Kordulska, Z. Olejniczak, H. Figiel and K. Turek (Kraków, Poland)	100
The effect of 1-methylcyclopropene, methyl jasmonate and methyl salicylate on lignin accumulation and gene expression in postharvest 'Xuxiang' kiwifruit during cold storage H. Li, J. Suo, Y. Han, C. Liang, M. Jin (Yangling, PR China), Z. Zhang (Haikou, PR China) and J. Rao (Yangling, PR China)	107
Impacts of low and super-atmospheric oxygen concentrations on quality attributes, phytonutrient content and volatile compounds of minimally processed pomegranate arils (cv. Wonderful) Z.A. Belay (Stellenbosch, South Africa), O.J. Caleb (Potsdam, Germany) and U.L. Opara (Stellenbosch, South Africa)	119
Estimation of the degree of red coloration in flesh of a red-fleshed apple cultivar 'Kurenai no Yume' with a UV-vis-NIR interactance device X. Ye, S. Ishioka and S. Zhang (Aomori, Japan)	128
Influence of maturity degree, modified atmosphere and anti-browning dipping on texture changes kinetics of fresh-cut apples G. Cortellino, L. Piazza, L. Spinelli, A. Torricelli and A. Rizzolo (Milan, Italy)	137