

**CONTENTS****Vol. 45 (2012) Issue 1****Research Papers**

- Interfacial and emulsifying properties of amaranth (*Amaranthus hypochondriacus*) protein isolates under different conditions of pH**  
J.L. Ventureira, A.J. Bolontrade, F. Speroni, E. David-Briand, A.A. Scilingo, M.-H. Ropers, F. Boury, M.C. Añón and M. Anton **1**
- Effect of superfine grinding on quality and antioxidant property of fine green tea powders**  
J. Hu, Y. Chen and D. Ni **8**
- Effects of 1-methylcyclopropene(1-MCP) on ripening and resistance of jujube (*Zizyphus jujuba* cv. Huping) fruit against postharvest disease**  
Z. Zhang, S. Tian, Z. Zhu, Y. Xu and G. Qin **13**
- Influence of ethanol and heat on disease control and quality in stored mango fruits**  
P. Gutiérrez-Martínez, S.G. Osuna-López, M. Calderón-Santoyo, A. Cruz-Hernández and S. Bautista-Baños **20**
- Polyphenol input to the antioxidant activity of yerba mate (*Ilex paraguariensis*) extracts**  
J. Valerga, M. Reta and M.C. Lanari **28**
- Quantification of low and high levels of *Salmonella enterica* serovar Typhimurium on leaves**  
G. Kisluk, D.G. Hoover, K.E. Kneil and S. Yaron **36**
- Liposomal stabilization of ascorbic acid in model systems and in food matrices**  
L. Wechtersbach, N. Poklar Ulrih and B. Cigić **43**
- Effect of high hydrostatic pressure and thermal processing on the nutritional quality and enzyme activity of fruit smoothies**  
D.F. Keenan, C. Röbke, R. Gormley, F. Butler and N.P. Brunton **50**
- Rheological characterization of acylated and dextran conjugated African yam bean (*Sphenostylis stenocarpa* Hochst. Ex A. Rich.) proteins**  
L.A. Arogundade, C.O. Eromosele, I.C. Eromosele and O. Ademuyiwa **58**
- Production and characterization of sunflower (*Helianthus annuus* L.) protein-enriched products obtained at pilot plant scale**  
P.R. Salgado, S.R. Drago, S.E. Molina Ortiz, S. Petruccelli, O. Andrich, R.J. González and A.N. Mauri **65**
- Extraction behaviors of caffeine and chlorophylls in supercritical decaffeination of green tea leaves**  
H.S. Park, N.G. Im and K.H. Kim **73**
- Incorporating essential oils of marjoram and rosemary in the formulation of beef patties manufactured with mechanically deboned poultry meat to improve the lipid stability and sensory attributes**  
H.M.H. Mohamed and H.A. Mansour **79**
- Interactions of enological tannins with the protein fraction of saliva and astringency perception are affected by pH**  
E. Obreque-Slier, Á. Peña-Neira and R. López-Solís **88**
- Physicochemical and functional characterization of by-products from chia (*Salvia hispanica* L.) seeds of Argentina**  
M.I. Capitani, V. Spotorno, S.M. Nolasco and M.C. Tomás **94**
- Effects of the addition of microencapsulated omega-3 and rosemary extract on the technological and sensory quality of white pan bread**  
L.C. de Conto, R.S. Porto Oliveira, L.G. Pereira Martin, Y.K. Chang and C.J. Steel **103**
- Artificial neural network modeling of physicochemical changes of shrimp during boiling**  
C. Niamnuy, S. Kerdpi boon and S. Devahastin **110**

*[Contents continued from outside back cover]*

**Research Note**

**Study on the applicability of high-pressure homogenization for the production of banana juices**

*S. Calligaris, M. Foschia, I. Bartolomeoli, M. Maifreni and L. Manzocco*

**117**

**Calendar**

**I**