

CONTENTS

Review

- Breeding upland rice for drought resistance  
**J Bernier (Philippines, Canada), GN Atlin, R Serraj, A Kumar (Philippines) and D Spaner (Canada)** ..... 927

Research Articles

- Nutrient digestibility response to graded dietary levels of sodium chloride in weanling pigs  
**Y-l Yin, C Huang, X Wu, T Li, R Huang, P Kang, Q Hu, W Chu and X Kong (China)** ..... 940
- Effect of vacuum frying on main physicochemical and nutritional quality parameters of pineapple chips  
**MR Perez-Tinoco (Mexico), A Perez (Costa Rica), M Salgado-Cervantes (Mexico), M Reynes and F Vaillant (France)** ..... 945
- Study of galacto-oligosaccharide formation from lactose using Pectinex Ultra SP-L  
**A Cardelle-Cobas, M Villamiel, A Olano and N Corzo (Spain)** ..... 954
- Cyanogenicity of cassava varieties and risk of exposure to cyanide from cassava food in Nigerian communities  
**OSA Oluwole (Nigeria)** ..... 962
- Radical-scavenging properties of extracts from the white button mushroom, *Agaricus bisporus*  
**J-M Savoie, N Minvielle and ML Largeteau (France)** ..... 970
- Selection of lactic acid bacteria for acidification of brown juice (grass juice), with the aim of making a durable substrate for L-lysine fermentation  
**MH Thomsen and P Kiel (Denmark)** ..... 976
- Energy substrate efficiency during batch cultures of *Geotrichum candidum*  
**M Aziza, L Adour (Algeria) and A Amrane (France)** ..... 984
- The effects of low-temperature potato storage and washing and soaking pre-treatments on the acrylamide content of French fries  
**RS Burch, A Trzesicka, M Clarke, JS Elmore, A Briddon, W Matthews and N Webber (UK)** ..... 989
- Effects of 1-MCP applied postharvest on epicuticular wax of apples (*Malus domestica* Borkh.) during storage  
**E Curry (USA)** ..... 996
- Use of *Bacillus subtilis* to enrich isoflavone aglycones in fermented natto  
**Q-K Wei, T-R Chen and J-T Chen (Taiwan, ROC)** ..... 1007
- Segmental distribution and expression of two heterodimeric amino acid transporter mRNAs in the intestine of pigs during different ages  
**D Feng, X Zhou, J Zuo, C Zhang, Y Yin, X Wang and T Wang (PR China)** ..... 1012
- Cold-triggered/heat-destroyed emulsions composed of phospholipids and triacylglycerols as thermal history indicators for cold-chain distribution systems  
**K Nagata, T Mizoguchi, M Kitsunai, K Hirose, A Hirasawa and K Chiba (Japan)** ..... 1019
- Hemagglutinating activity and corresponding putative sequence identity from *Curcuma aromatica* rhizome  
**P Tiptara, A Petsom, S Roengsumran and P Sangvanich (Thailand)** ..... 1025
- Study of the volatile profile characteristics of longan during storage by a combination sampling method coupled with GC/MS  
**Z Zhang, D Zeng and G Li (PR China)** ..... 1035

Continued on inside back cover



Effects of defatted dried roselle ( <i>Hibiscus sabdariffa</i> L.) seed powder on lipid profiles of hypercholesterolemia rats <b>E Hainida, A Ismail, N Hashim, N Mohd.-Esa and A Zakiah (Malaysia)</b> . . . . .	1043
Physico-chemical characterization of date varieties using multivariate analysis <b>MN Khan, A Sarwar, MF Wahab and R Haleem (Pakistan)</b> . . . . .	1051
Drying method and origin of standard affect condensed tannin (CT) concentrations in perennial herbaceous legumes using simplified butanol-HCl CT analysis <b>RM Wolfe, TH Terrill and JP Muir (USA)</b> . . . . .	1060
Storage stability of an egg yolk cream formulation: texture and microbiological assessment <b>JF Fundo, MAC Quintas, TRS Brandão and CLM Silva (Portugal)</b> . . . . .	1068
Volatile compounds, quality attributes, mineral composition and pericarp structure of South African litchi export cultivars Mauritius and McLean's Red <b>D Sivakumar, Y Naudé, E Rohwer and L Korsten (South Africa)</b> . . . . .	1074
Impact of goat milk powdered formulations on mineral absorption, peak bone mass and bone loss due to ovariectomy in rats <b>MC Kruger, W-H Chua, A Darragh, CL Booth, C Prosser and D Lowry (New Zealand)</b> . . . . .	1082
Nut and kernel traits and chemical composition of hazelnut ( <i>Corylus avellana</i> L.) cultivars <b>V Cristofori, S Ferramondo, G Bertazza and C Bignami (Italy)</b> . . . . .	1091
Flavonoid content and antioxidant capacity of spinach genotypes determined by high-performance liquid chromatography/mass spectrometry <b>MJ Cho, LR Howard, RL Prior and T Morelock (USA)</b> . . . . .	1099
Fruit quality of mini-watermelon as affected by grafting and irrigation regimes <b>S Proietti, Y Roupael, G Colla, M Cardarelli, M De Agazio, M Zacchini, E Rea, S Moscatello and A Battistelli (Italy)</b> . . . . .	1107