



CONTENTS

Vol. 45 (2012) Issue 2

Research Papers

- Influence of fresh and processed fruit quality attributes on peach purée consistency index**
V. Falguera, F. Gatiús, M. Pascual, J.M. Villar, M.Á. Cubero, A. Ibarz and J. Rufat 123
- Effect of milk pasteurization and acidification method on the chemical composition and microstructure of a Mexican pasta filata cheese**
M.F. Morales-Celaya, C. Lobato-Calleros, J. Alvarez-Ramirez and E.J. Vernon-Carter 132
- Physico-chemical and sensory properties of yogurt from ultrafiltered soy milk concentrate added with inulin**
A.N. Rinaldoni, M.E. Campderrós and A. Pérez Padilla 142
- Effect of ohmic heating and vacuum impregnation on the osmodehydration kinetics and microstructure of strawberries (cv. Camarosa)**
J. Moreno, R. Simpson, A. Baeza, J. Morales, C. Muñoz, S. Sastry and S. Almonacid 148
- Effect of the addition of pulse ingredients to milk on acid production by probiotic and yoghurt starter cultures**
F. Zare, C.P. Champagne, B.K. Simpson, V. Orsat and J.I. Boye 155
- Effects of cooking methods on polyphenols, pigments and antioxidant activity in potato tubers**
V. Perla, D.G. Holm and S.S. Jayanty 161
- Onopordum acanthium* L. (Asteraceae) flowers as coagulating agent for cheesemaking**
C.B. Brutti, M.F. Pardo, N.O. Caffini and C.L. Natalucci 172
- Physicochemical, microbiological and sensory characteristics of cashew nut butter made from different kernel grades-quality**
J.R. Lima, D.S. Garruti and L.M. Bruno 180
- The amounts of oxidized and oligopolymeric triacylglycerols in refined olive oil as a function of crude oil oxidative level**
T. Gomes, F. Caponio, V. Durante, C. Summo and V.M. Paradiso 186
- Quality of olive oil reformulated MRE entrée packaged in oxygen-absorbing film**
C. Gomes, M.E. Castell-Perez, E. Chimbombi, I. Karagoz, B. Hare, Y.-L. Liang, H.-J. Sue, P. Sherman, P. Dunne and A.O. Wright 191
- Reactivity of acrylamide with coffee melanoidins in model systems**
S. Pastoriza, J.Á. Rufán-Henares and F.J. Morales 198
- Antioxidant effects of *Satureja montana* L. essential oil on TBARS and color of mortadella-type sausages formulated with different levels of sodium nitrite**
T.L. Coutinho de Oliveira, S. Malfitano de Carvalho, R. de Araújo Soares, M.A. Andrade, M.d.G. Cardoso, E.M. Ramos and R.H. Piccoli 204
- Rheological, textural and sensorial properties of low-sucrose muffins reformulated with sucralose/polydextrose**
S. Martínez-Cervera, T. Sanz, A. Salvador and S.M. Fiszman 213
- Reduction of *Salmonella* Typhimurium and *Listeria monocytogenes* on produce by trisodium phosphate**
X. Su and D.H. D'Souza 221

| | |
|---|------------|
| Development of high 1-deoxynojirimycin (DNJ) content mulberry tea and use of response surface methodology to optimize tea-making conditions for highest DNJ extraction <i>C. Vichasilp, K. Nakagawa, P. Sookwong, O. Higuchi, S. Luemunkong and T. Miyazawa</i> | 226 |
| Evaluation of technique to overcome small dataset problems during neural-network based contamination classification of packaged beef using integrated olfactory sensor system <i>L.R. Khot, S. Panigrahi, C. Doetkott, Y. Chang, J. Glower, J. Amamcharla, C. Logue and J. Sherwood</i> | 233 |
| Effect of production systems on phenolic composition and oxygen radical absorbance capacity of ‘Orléans’ strawberry <i>L. Fan, C. Dubé, C. Fang, D. Roussel, M.T. Charles, Y. Desjardins and S. Khanizadeh</i> | 241 |
| Mass transfer during the osmotic dehydration of West Indian cherry <i>M.A.d.C. Silva, Z.E.d. Silva, V.C. Mariani and S. Darche</i> | 246 |
| The effect of glycation on oil–water emulsion properties of β-lactoglobulin <i>A. Medrano, C. Abirached, P. Moyna, L. Panizzolo and M.C. Añón</i> | 253 |
| Using drying treatments to stabilise mango peel and seed: Effect on antioxidant activity <i>E. Dorta, M.G. Lobo and M. González</i> | 261 |
| Total phenolic content, antioxidant and antidiabetic properties of methanolic extract of raw and traditionally processed Kenyan indigenous food ingredients <i>C.N. Kunyanga, J.K. Imungi, M.W. Okoth, H.K. Biesalski and V. Vadivel</i> | 269 |
| Complexation with starch for encapsulation and controlled release of menthone and menthol <i>H. Ades, E. Kesselman, Y. Ungar and E. Shimoni</i> | 277 |
| Enzymatic maceration of albedo layer from sour orange (<i>Citrus aurantium</i> L.) with protopectinase-se and measurement of antioxidant activity of the obtained products <i>A.D. Zapata Zapata, C.A. Gaviria Montoya, S.F. Cavalitto, R.A. Hours and B.A. Rojano</i> | 289 |
| Research Notes | |
| Preparation of octacosanol from filter mud produced after sugarcane juice clarification <i>S. Ou, J. Zhao, Y. Wang, Y. Tian and J. Wang</i> | 295 |
| Study of the participation of caffeine and polyphenols on the overall antioxidant activity of mate (<i>Ilex paraguariensis</i>) <i>C. Anesini, S. Turner, L. Cogoi and R. Filip</i> | 299 |
| Calendar | I |