

CONTENTS OF THE VOLUME 52, 2013**No. 1**

- 1–11 **Determination and quantification of volatile compounds in fruits of selected elderberry cultivars grown in Czech Republic**
Vítová, E. – Divišová, R. – Sůkalová, K. – Matějíček, A.
- 12–24 **Evaluation of individual phenolic compounds and antioxidant properties of black, green, herbal and fruit tea infusions consumed in Serbia: spectrophotometrical and electrochemical approaches**
Veljković, J. N. – Pavlović, A. N. – Mitić, S. S. – Tošić, S. B. – Stojanović, G. S. – Kaličanin, B. M. – Stanković, D. M. – Stojković, M. B. – Mitić, M. N. – Brčanović, J. M.
- 25–36 **Cereals and pseudocereals as substrates for growth and metabolism of a probiotic strain *Lactobacillus rhamnosus GG***
Kocková, M. – Mendel, J. – Medvedová, A. – Šturdík, E. – Valík, L.
- 37–44 **Function of thermotolerance genomic island in increased stress resistance of *Cronobacter sakazakii***
Orieskova, M. – Gajdosova, J. – Oslanecova, L. – Ondreickova, K. – Kaclikova, E. – Stuchlik, S. – Turna, J. – Drahovska, H.
- 45–60 **Classification and prediction of γ -irradiation of ten commercial herbs and spices by multivariate evaluation of properties of their extracts**
Polovka, M. – Suhaj, M.
- 61–70 **Structure and rheology of aerated whey protein isolate gels obtained at different pH**
Tomczyńska-Mleko, M.
- 71–77 **Analytical data for plum paste as a tool for evaluation of plum paste authenticity**
Rajchl, A. – Čížková, H. – Ševčík, R. – Jodasová, A. – Voldřich, M.
- 78 Most cited articles
- 78 Most downloaded articles

No. 2

- 79–86 **Effect of different treatments with calcium salts on sensory quality of fresh-cut apple**
Giacalone, G. – Chiabrando, V.
- 87–94 **Low pressure radio frequency plasma effects on the mould control, physical quality, nutritional value, mineral content and trace element content of brown rice snack bars**
Suhem, K. – Matan, N. – Nisoa, M. – Matan, N.
- 95–100 **New simplified procedure for isolation of benzo[a]pyrene from smoked sausages**
Sklářšová, B. – Semanová, J. – Suranová, M. – Šimko, P.
- 101–106 **The effects of apricot on serum proteins and liver enzymes in rats**
Yilmaz, I. – Temel, I. – Gürsoy, Ş. – Dogan, Z.
- 107–120 **Lactic acid bacteria microencapsulation in sodium alginate and other gelling hydrocolloids mixtures**
Totosaus, A. – Ariza-Ortega, T. J. – Pérez-Chabela, M. L.
- 121–127 **Essential and toxic microelement profile of walnut (*Juglans regia L.*) cultivars grown in industrially contaminated area – Evaluation for human nutrition and health**
Arpadjan, S. – Momchilova, S. – Elenkova, D. – Blagoeva, E.
- 128–138 **Bioavailability of Fe, Cu, Zn and antioxidant defence in anemic rat supplemented with a mixture of heme/non-heme Fe**
García, Y. – Díaz-Castro, J. – López-Aliaga, I. – Alférez, M. J. M. – Ramos, A. – Campos, M. S.

No. 3

- 139–145 **Effects of Chinese yam storage protein on formation of aberrant crypt foci in 1,2-dimethyl-hydrazine-treated mice**
Arai, K. – Yamazaki, T. – Tokuji, Y. – Kawahara, M. – Ohba, K. – Hironaka, K. – Kinoshita, M. – Ohnishi, M.
- 146–155 **Optimization of solid–liquid extraction of antioxidants and saccharides from black mulberry fruit by response surface methodology**
Radojković, M. – Zeković, Z. – Sudar, R. – Jokić, S. – Cvetanović, A.
- 156–163 **Dietary and breast milk trans fatty acids seen in Croatian breastfeeding women from Adriatic region**
Krešić, G. – Dujmović, M. – Mandić, M. L. – Delaš, I.
- 164–171 **Dietary habits and health among university students living at or away from home in southern Italy**
Bagordo, F. – Grassi, T. – Serio, F. – Idolo, A. – De Donno, A.
- 172–180 **Characterization and study of the essential mineral components of Spanish commercial herbal products and their infusions**
Aldars-García, L. – Zapata-Revilla, M. A. – Tenorio-Sanz, M. D.
- 181–190 **Effect of light conditions on physico-chemical properties of pineapple juice with addition of small pineapple pieces during storage**
Tobolková, B. – Durec, J. – Belajová, E. – Mihalíková, M. – Polovka, M. – Suhaj, M. – Daško, Ľ. – Šimko, P.

Short communications

- 191–194 **Modulation of the antibiotic activity by the essential oils of *Origanum vulgare* and *Coriandrum sativum***
Sousa, I. J. B. – Matias, E. F. F. – Menezes, I. R. A. – Coutinho, H. D. M.

No. 4

- 195–202 **Stevia rebaudiana as a novel source of food additives**
Christaki, E. – Bonos, E. – Giannenas, I. – Karatzia, M. A. – Florou-Paneri, P.
- 203–209 **Iron bioavailability in daily meals of pregnant women**
Banjari, I. – Kenjerić, D. – Mandić, M. L.
- 210–218 **Improvement of nutritional properties of cake with wheat germ and resistant starch**
Bilgiçli, N. – Levent, H.
- 219–229 **Investigating the antioxidant potential of chokeberry (*Aronia melanocarpa*) products**
Kapci, B. – Neradová, E. – Čížková, H. – Voldřich, M. – Rajchl, A. – Capanoglu, E.
- 230–238 **Effect of probiotic and symbiotic yoghurt consumption on counts of human faecal bacteria and tyramine production**
Komprda, T. – Sládková, P. – Kolářová, M. – Zorníková, G. – Sládek, Z. – Rožnovská, D.
- 239–250 **Content of saccharides, antioxidant and sensory properties of pear cultivar “Abate Fetel” affected by ultrasound pre-treatment and air drying duration**
Komes, D. – Belščak-Cvitanović, A. – Domitran, Z. – Opalić, M.

Short communications

- 251–255 **Some chemical and sensory properties of gluten-free noodle prepared with different legume, pseudocereal and cereal flour blends**
Bilgiçli, N.
- 256–260 **Evaluation of synergistic interactions of antioxidants from plant foods by a new method using soybean lipoxygenase**
Laus, M. N. – Soccio, M. – Pastore, D.
- 261–262 Contents of the volume 52, 2013
- 263–264 Author index 2013
- 264–265 Keyword index 2013
- 265–266 Reviewers 2013