

Contents

Volume 138 issue 1, 1 May 2013

Rapid Communications

- 516 Production of the α -glycosidase inhibitor 1-deoxynojirimycin from *Bacillus* species
S. ONOSE, R. IKEDA, K. NAKAGAWA, T. KIMURA, K. YAMAGISHI, O. HIGUCHI & T. MIYAZAWA (Japan)
- 638 Optimization of ABTS radical cation assay specifically for determination of antioxidant capacity of intracellular extracts of microalgae and cyanobacteria
A.C. GUEDES, H.M. AMARO, M.S. GIÃO & F.X. MALCATA (Portugal)

General Section: Review

- 242 Review: On published data and methods for selenium in mushrooms
J. FALANDYSZ (Poland)

General Papers

- 1 Mineral and sensory profile of seasoned cracked olives packed in diverse salt mixtures
J.M. MORENO-BAQUERO, J. BAUTISTA-GALLEGO, A. GARRIDO-FERNÁNDEZ & A. LÓPEZ-LÓPEZ (Spain)
- 13 Vicilin and the basic subunit of legumin are putative chickpea allergens
S. BAR-EL DADON (Israel), C.Y. PASCUAL (Spain), D. ESHEL, P. TEPER-BAMNOLKER (Israel), M.D. PALOMA IBÁÑEZ (Spain) & R. REIFEN (Israel)
- 25 Cashew apple (*Anacardium occidentale* L.) extract from by-product of juice processing: A focus on carotenoids
F.P. DE ABREU (Brazil), M. DORNIER (France), A.P. DIONISIO (Brazil), M. CARAIL, C. CARIS-VEYRAT & C. DHUIQUE-MAYER (France)
- 32 The determination of phenolic profiles of Serbian unifloral honeys using ultra-high-performance liquid chromatography/high resolution accurate mass spectrometry
S. KEČKEŠ, U. GAŠIĆ, T. VELIČKOVIĆ, D. MILOJKOVIĆ-OPSENICA, M. NATIĆ & Ž. TEŠIĆ (Serbia)
- 41 Preparation, preliminary characterization and immunostimulatory activity of polysaccharide fractions from the peduncles of *Hovenia dulcis*
M. WANG, C. JIANG, L. MA, Z. ZHANG, L. CAO, J. LIU & X. ZENG (PR China)
- 48 Inhibition effects and induction of apoptosis of flavonoids on the prostate cancer cell line PC-3 *in vitro*
R. XU, Y. ZHANG, X. YE (PR China), S. XUE, J. SHI (Canada), J. PAN & Q. CHEN (PR China)
- 70 Quality of bread supplemented with mushroom mycelia
E. ULZIIJARGAL, J.-H. YANG, L.-Y. LIN, C.-P. CHEN & J.-L. MAU (Taiwan, ROC)
- 77 Defatted *Jatropha curcas* flour and protein isolate as materials for protein hydrolysates with biological activity
D.M. MARRUFO-ESTRADA, M.R. SEGURA-CAMPOS, L.A. CHEL-GUERRERO & D.A. BETANCUR-ANCONA (Mexico)
- 84 Antioxidant and immunomodulatory activity of selenium exopolysaccharide produced by *Lactococcus lactis* subsp. *lactis*
Y. GUO, D. PAN, H. LI, Y. SUN, X. ZENG & B. YAN (China)
- 90 Natural occurrence of deoxynivalenol in wheat from Paraná State, Brazil and estimated daily intake by wheat products
J. SIFUENTES DOS SANTOS, T.M. SOUZA, E.Y.S. ONO, E.H. HASHIMOTO, M.C. BASSOI, M.Z. DE MIRANDA, E.N. ITANO (Brazil), O. KAWAMURA (Japan) & E.Y. HIROOKA (Brazil)
- 96 Apoptosis during postmortem conditioning and its relationship to duck meat quality
M. ZHANG, D. WANG, W. HUANG, F. LIU, Y. ZHU, W. XU & J. CAO (PR China)
- 101 Transepithelial transport of 6-O-caffeoylsophorose across Caco-2 cell monolayers
H.L. PHUONG, J. QIU, T. KUWAHARA, K. FUKUI, K. YOSHIYAMA, K. MATSUGANO, N. TERAHARA & T. MATSUI (Japan)

- 107 Hepatoprotective effect of 2,3-dehydrosilybin on carbon tetrachloride-induced liver injury in rats
B.-O. CHO, H.-W. RYU, Y. SO, C.-H. JIN, J.-Y. BAEK, K.-H. PARK, E.-H. BYUN & I.-Y. JEONG (Republic of Korea)
- 133 Sugarcane bagasse treated with hydrous ferric oxide as a potential adsorbent for the removal of As(V) from aqueous solutions
E. PEHLIVAN (Turkey), H.T. TRAN (Vietnam), W.K.I. OUEÐRAOGO (Burkina Faso), C. SCHMIDT, D. ZACHMANN & M. BAHADIR (Germany)
- 148 Enzymatic synthesis of fructooligosaccharides by inulinases from *Aspergillus niger* and *Kluyveromyces marxianus* NRRL Y-7571 in aqueous-organic medium
M.F. SILVA, D. RIGO, V. MOSSI, S. GOLUNSKI, G. DE OLIVEIRA KUHN, M. DI LUCCIO, R. DALLAGO, D. DE OLIVEIRA, J.V. OLIVEIRA & H. TREICHEL (Brazil)
- 161 Exploration of *Vanilla pompona* from the Peruvian Amazon as a potential source of vanilla essence: Quantification of phenolics by HPLC-DAD
H. MARUENDA, M.D.L. VICO (Peru), J.E. HOUSEHOLDER, J.P. JANOVEC (USA), C. CAÑARI, A. NAKA & A.E. GONZALEZ (Peru)
- 168 Nutritive value of *masau* (*Ziziphus mauritiana*) fruits from Zambezi Valley in Zimbabwe
L.K. NYANGA (Zimbabwe, The Netherlands), T.H. GADAGA (Swaziland), M.J.R. NOUT, E.J. SMID, T. BOEKHOUT & M.H. ZWIETERING (The Netherlands)
- 180 Comparative formation of 2-amino-1-methyl-6-phenylimidazo[4,5-*b*]pyridine (PhIP) in creatinine/phenylalanine and creatinine/phenylalanine/4-oxo-2-nonenal reaction mixtures
R. ZAMORA, E. ALCÓN & F.J. HIDALGO (Spain)
- 186 Viscoelastic properties of oat β -glucan-rich aqueous dispersions
J. XU, G.E. INGLET, D. CHEN & S.X. LIU (USA)
- 200 Biochemical characterisation of Alaska pollock, Pacific whiting, and threadfin bream surimi as affected by comminution conditions
S. POOWAKANJANA & J.W. PARK (United States)
- 208 Studies on cytotoxic triterpene saponins from the leaves of *Aralia elata*
Y. ZHANG, Y. PENG, L. LI, L. ZHAO, Y. HU, C. HU & S. SONG (PR China)
- 214 Effect of alkaline pH-shift processing on *in vitro* gastrointestinal digestion of herring (*Clupea harengus*) fillets
S.K. MARMON & I. UNDELAND (Sweden)
- 256 Characterization of modified high-amylose maize starch- α -naphthol complexes and their influence on rheological properties of wheat starch
F. ZHU (USA, Canada) & Y.-J. WANG (USA)
- 263 Purification and structural characterisation of lipid transfer protein from red wine and grapes
N. JAECKELS, S. TENZER, S. ROSFA, H. SCHILD, H. DECKER & P. WIGAND (Germany)
- 270 Dry vs soaked wood: Modulating the volatile extractible fraction of oak wood by heat treatments
C.J. DUVAL, N. SOK, J. LAROCHE, K. GOURRAT, A. PRIDA, S. LEQUIN, D. CHASSAGNE & R.D. GOUGEON (France)
- 278 Rhubarb inhibits hepatocellular carcinoma cell metastasis via GSK-3- β activation to enhance protein degradation and attenuate nuclear translocation of β -catenin
K.-H. TSAI, H.-H. HSIEN, L.-M. CHEN, W.-J. TING, Y.-S. YANG, C.-H. KUO, C.-H. TSAI, F.-J. TSAI, H.J. TSAI & C.-Y. HUANG (Taiwan)
- 291 Retention of aroma compounds from *Mentha piperita* essential oil by cyclodextrins and crosslinked cyclodextrin polymers
A. CIOBANU (France, Romania), I. MALLARD, D. LANDY (France), G. BRABIE, D. NISTOR (Romania) & S. FOURMENTIN (France)
- 298 Evaluation of biological activities of a groundnut (*Apios americana* Medik) extract containing a novel isoflavone
M. TAKASHIMA, K. NARA, E. NIKI, Y. YOSHIDA, Y. HAGIHARA, M. STOWE & M. HORIE (Japan)
- 306 Three sulphated polysaccharides isolated from the mucilage of mud snail, *Bullacta exarata philippi*: Characterization and antitumour activity
D. ZHANG, C. WANG, H. WU, J. XIE, L. DU, Z. XIA, J. CAI, Z. HUANG & D. WEI (PR China)
- 315 Immunoprecipitation coupled with HPLC-MS/MS to discover the aromatase ligands from *Glycyrrhiza uralensis*
L. LUO, L. SHEN, F. SUN & Z. MA (China)
- 321 UPLC and HPLC of caffeoyl esters in wild and cultivated *Arctium lappa* L.
G. HAGHI, A. HATAMI & M. MEHRAN (Iran)

- 327 Screening and identification of the antibacterial bioactive compounds from *Lonicera japonica* Thunb. leaves
J. XIONG, S. LI, W. WANG, Y. HONG, K. TANG & Q. LUO (China)
- 342 Docosahexaenoic acid and phosphatidylserine improves the antioxidant activities *in vitro* and *in vivo* and cognitive functions of the developing brain
H.-C. CHAUNG, C.-D. CHANG, P.-H. CHEN, C.-J. CHANG, S.-H. LIU & C.-C. CHEN (Taiwan)
- 356 Wine grape pomace as antioxidant dietary fibre for enhancing nutritional value and improving storability of yogurt and salad dressing
A. TSENG & Y. ZHAO (USA)
- 366 Effects of ozone microbubble treatment on removal of residual pesticides and quality of persimmon leaves
H. IKEURA, S. HAMASAKI & M. TAMAKI (Japan)
- 372 Physical attributes and chemical composition of organic strawberry fruit (*Fragaria x ananassa* Duch, Cv. Albion) at six stages of ripening
J.D.J. ORNELAS-PAZ, E.M. YAHIA, N. RAMÍREZ-BUSTAMANTE, J.D. PÉREZ-MARTÍNEZ, M.D.P. ESCALANTE-MINAKATA, V. IBARRA-JUNQUERA, C. ACOSTA-MUÑIZ, V. GUERRERO-PRIETO & E. OCHOA-REYES (Mexico)
- 382 Ascorbic acid, nitrate, and nitrite concentration relationship to the 24 hour light/dark cycle for spinach grown in different conditions
A.C. CHANG, T.Y. YANG (Taiwan) & G.L. RISKOWSKI (USA)
- 389 The influence of pectolytic enzyme addition and prefermentative mash heating during the winemaking process on the phenolic composition of Okuzgozu red wine
A.A. BORAZAN & B. BOZAN (Turkey)
- 396 Physico-chemical and antioxidant properties of four mango (*Mangifera indica* L.) cultivars in China
F.-X. LIU, S.-F. FU, X.-F. BI, F. CHEN, X.-J. LIAO, X.-S. HU & J.-H. WU (PR China)
- 414 EC₅₀ estimation of antioxidant activity in DPPH assay using several statistical programs
Z. CHEN, R. BERTIN & G. FROLDI (Italy)
- 422 2012: No trans fatty acids in Spanish bakery products
D. ANSORENA, A. ECHARTE, R. OLLÉ & I. ASTIASARÁN (Spain)
- 430 Influence of flour blend composition on fermentation kinetics and phytate hydrolysis of sourdough used to make injera
K. BAYE (Ethiopia, France), C. MOUQUET-RIVIER, C. ICARD-VERNIÈRE, I. ROCHETTE & J.-P. GUYOT (France)
- 437 Purification, antioxidant activity and protein-precipitating capacity of punicalin from pomegranate husk
Y. WANG, H. ZHANG, H. LIANG & Q. YUAN (PR China)
- 444 Binding of vitamin A with milk α - and β -caseins
P. BOURASSA, C.N. N'SOUKPOÉ-KOSSI & H.A. TAJMIR-RIahi (Canada)
- 454 Effect of genotype, environment, and their interaction on phytochemical compositions and antioxidant properties of soft winter wheat flour
J. LV (USA, China), Y. LU (USA), Y. NIU (USA, China), M. WHENT (USA), M.F. RAMADAN (Egypt), J. COSTA (USA) & L.(L). YU (USA, China)
- 463 Apple peel bioactive rich extracts effectively inhibit *in vitro* human LDL cholesterol oxidation
S.H. THILAKARATHNA, H.P.V. RUPASINGHE (Canada) & P.W. NEEDS (UK)
- 471 Identification of xyloglucan endotransglucosylase/hydrolase genes (*XTHs*) and their expression in persimmon fruit as influenced by 1-methylcyclopropene and gibberellic acid during storage at ambient temperature
Q. ZHU, Z. ZHANG, J. RAO (PR China), D.J. HUBER (USA), J. LV, Y. HOU & K. SONG (PR China)
- 478 Purification and partial characterization of polyphenol oxidase from the flower buds of *Lonicera japonica* Thunb.
N.-N. LIU, W. LIU, D.-J. WANG, Y.-B. ZHOU, X.-J. LIN, X. WANG & S.-B. LI (China)
- 491 Stabilization of anthocyanin and skullcap flavone complexes – Investigations with computer simulation and experimental methods
S. KALISZ, J. OSZMIANŃSKI, J. HŁADYSZOWSKI & M. MITEK (Poland)
- 501 Long-term supplementation of high pigmented rice bran oil (*Oryza sativa* L.) on amelioration of oxidative stress and histological changes in streptozotocin-induced diabetic rats fed a high fat diet; Riceberry bran oil
J. POSUWAN, P. PRANGTHIP, V. LEARDKAMOLKARN, U. YAMBORISUT, R. SURASIANG, R. CHAROENSIRI & R. KONGKACHUICHAI (Thailand)
- 524 Grape seed procyanidin extract modulates proliferation and apoptosis of pancreatic beta-cells
L. CEDÓ, A. CASTELL-AUVÍ, V. PALLARÈS, M. BLAY, A. ARDEVOL, L. AROLA & M. PINENT (Spain)

- 539 Burdock fructooligosaccharide induces fungal resistance in postharvest Kyoho grapes by activating the salicylic acid-dependent pathway and inhibiting browning
F. SUN, P. ZHANG, M. GUO, W. YU & K. CHEN (China)
- 547 Effect of cooking and germination on phenolic composition and biological properties of dark beans (*Phaseolus vulgaris* L.)
A. LÓPEZ (Spain), T. EL-NAGGAR (Spain, Egypt), M. DUEÑAS, T. ORTEGA, I. ESTRELLA, T. HERNÁNDEZ, M.P. GÓMEZ-SERRANILLOS, O.M. PALOMINO & M.E. CARRETERO (Spain)
- 556 Glucose, fructose and sucrose increase the solubility of protein-tannin complexes and at high concentration, glucose and sucrose interfere with bisulphite bleaching of wine pigments
J.F. HARBERTSON (USA), C. YUAN (China), M.S. MIRELES (USA), R.L. HANLIN & M.O. DOWNEY (Australia)
- 564 Different postharvest strategies to preserve broccoli quality during storage and shelf life: Controlled atmosphere and 1-MCP
M.F. FERNÁNDEZ-LEÓN, A.M. FERNÁNDEZ-LEÓN, M. LOZANO, M.C. AYUSO & D. GONZÁLEZ-GÓMEZ (Spain)
- 581 Kinetics of protein physicochemical changes induced by heating in meat using mimetic models: (1) Relative effects of heat and oxidants
A. PROMEYRAT, J.D. DAUDIN & P. GATELLIER (France)
- 590 Structure and antioxidant activity of β -lactoglobulin-glycoconjugates obtained by high-intensity-ultrasound-induced Maillard reaction in aqueous model systems under neutral conditions
D. STANIC-VUCINIC, I. PRODIC, D. APOSTOLOVIC, M. NIKOLIC & T. CIRKOVIC VELICKOVIC (Serbia)
- 608 Physicochemical properties of lard-based diacylglycerols in blends with lard
R. MIKLOS, H. ZHANG, R. LAMETSCH & X. XU (Denmark)
- 615 Selective concentration of EPA and DHA using *Thermomyces lanuginosus* lipase is due to fatty acid selectivity and not regioselectivity
T.O. AKANBI, J.L. ADCOCK & C.J. BARROW (Australia)
- 621 Influence of processing on the volatile profile of strawberry spreads made with isomaltulose
I. PEINADO, E. ROSA, A. HEREDIA, I. ESCRICHE & A. ANDRÉS (Spain)
- 630 Phase behaviour of oat β -glucan/sodium caseinate mixtures varying in molecular weight
J.K. AGBENORHEVI, V. KONTOGIORGOS (UK) & S. KASAPIS (Australia)
- 644 Reduction of acrylamide formation by vanadium salt in potato French fries and chips
D. KALITA & S.S. JAYANTY (USA)
- 655 Biogenic amines formation in *Streptococcus thermophilus* isolated from home-made natural yogurt
Y. GEZGINC, I. AKYOL, E. KULEY & F. ÖZOGUL (Turkey)
- 663 Identification of active compounds from Aurantii Immatri Pericarpium attenuating brain injury in a rat model of ischemia-reperfusion
E.-J. YANG, S.H. LIM, K.-S. SONG, H.S. HAN & J. LEE (Republic of Korea)
- 671 Shelf-life of infrared dry-roasted almonds
J. YANG (China, USA), Z. PAN, G. TAKEOKA, B. MACKEY, G. BINGOL, M.T. BRANDL, K. GARCIN, T.H. MCHUGH (USA) & H. WANG (China)
- 679 Characterising protein, salt and water interactions with combined vibrational spectroscopic techniques
N. PERISIC, N.K. AFSETH, R. OFSTAD, S. HASSANI & A. KOHLER (Norway)
- 687 Tracing transgenic maize as affected by breadmaking process and raw material for the production of a traditional maize bread, *broa*
T.J.R. FERNANDES, M.B.P.P. OLIVEIRA & I. MAFRA (Portugal)
- 693 Chemical composition, antimicrobial, cytotoxic and antioxidant activities of the essential oil of *Artemisia indica* Willd
S. RASHID, M.A. RATHER, W.A. SHAH & B.A. BHAT (India)
- 701 Influence of nitrogen supply on the production of higher alcohols/esters and expression of flavour-related genes in *cachaça* fermentation
E.E. VIDAL (Brazil, France), G.M. DE BILLERBECK (France), D.A. SIMÕES, A. SCHULER (Brazil), J.M. FRANÇOIS (France) & M.A. DE MORAIS JR. (Brazil)
- 718 Bioactive and nutritive compounds in *Sorghum bicolor* (Guinea corn) red leaves and their health implication
D.A. ABUGRI, B.J. TIIMOB, V.A. APALANGYA, G. PRITCHETT & W.H. MCELHENNEY (USA)

General Section: Short Communications

- 122 Effect of the genistein metabolite on leptin secretion in murine adipocytes *in vitro*
T. NIWA, S.-I. YOKOYAMA & T. OSAWA (Japan)
- 286 Compositional analysis of leaf cuticular membranes isolated from tea plants (*Camellia sinensis* L.)
S. TSUBAKI, S. SAKUMOTO, N. UEMURA & J.-I. AZUMA (Japan)
- ### ANALYTICAL METHODS: Papers
- 9 Direct potentiometric determination of starch using a platinum redox sensor
N. SAKAČ, M. SAK-BOSNAR & M. HORVAT (Croatia)
- 19 Rapid detection and quantification of milk adulteration using infrared microspectroscopy and chemometrics analysis
P.M. SANTOS (USA, Brazil), E.R. PEREIRA-FILHO (Brazil) & L.E. RODRIGUEZ-SAONA (USA)
- 54 Assessment of DFG-S19 method for the determination of common endocrine disruptor pesticides in wine samples with an estimation of the uncertainty of the analytical results
F.O. PELIT, H. ERTAŞ, I. SEYRANI & F. NIL ERTAŞ (Turkey)
- 62 Fast HPLC-DAD quantification of nine polyphenols in honey by using second-order calibration method based on trilinear decomposition algorithm
X.-H. ZHANG, H.-L. WU, J.-Y. WANG, D.-Z. TU, C. KANG, J. ZHAO, Y. CHEN, X.-X. MIU & R.-Q. YU (China)
- 116 Development of a rapid and simple voltammetric method to determine total antioxidative capacity of edible oils
R. GULABOSKI, V. MIRČESKI & S. MITREV (Macedonia)
- 126 Development of novel potentiometric sensors for determination of tartrazine dye concentration in foodstuff products
H.M. ABU SHAWISH, N.A. GHALWA, S.M. SAADEH & H.E. HARAZEEN (Palestine)
- 139 Simultaneous detection of flavonoids and phenolic acids in Herba Lysimachiae and Herba Desmodii Styrafolii using liquid chromatography tandem mass spectrometry
D. SUN, L. DONG, P. GUO, X. SHI, J. GAO, Y. REN, X. JIANG, W. LI, C. WANG & Q. WANG (PR China)
- 154 Differentiation of Sparidae species by DNA sequence analysis, PCR-SSCP and IEF of sarcoplasmic proteins
K. SCHIEFENHÖVEL & H. REHBEIN (Germany)
- 173 Development of sample preparation method for isoliquiritigenin, liquiritin, and glycyrrhizic acid analysis in licorice by ionic liquids-ultrasound based extraction and high-performance liquid chromatography detection
L. YANG, L.-L. LI, T.-T. LIU, Y.-G. ZU, F.-J. YANG, C.-J. ZHAO, L. ZHANG, X.-Q. CHEN & Z.-H. ZHANG (China)
- 192 Rapid detecting total acid content and classifying different types of vinegar based on near infrared spectroscopy and least-squares support vector machine
S. JI-YONG, Z. XIAO-BO, H. XIAO-WEI, Z. JIE-WEN, L. YANXIAO, H. LIMIN & Z. JIANCHUN (China)
- 220 Monitoring of monosaccharides, oligosaccharides, ethanol and glycerol during wort fermentation by biosensors, HPLC and spectrophotometry
R. MONOŠÍK, P. MAGDOLEN, M. STREĎANSKÝ & E. ŠTURDÍK (Slovak Republic)
- 227 Determination of volatile *N*-nitrosamines in meat products by microwave-assisted extraction coupled with dispersive micro solid-phase extraction and gas chromatography – Chemical ionisation mass spectrometry
M.-C. HUANG, H.-C. CHEN, S.-C. FU & W.-H. DING (Taiwan)
- 234 Fast method for multielemental analysis of plants and discrimination according to the anatomical part by total reflection X-ray fluorescence spectrometry
I. DE LA CALLE, M. COSTAS, N. CABALEIRO, I. LAVILLA & C. BENDICHO (Spain)
- 251 Microwave distillation followed by headspace single drop microextraction coupled to gas chromatography-mass spectrometry (GC-MS) for fast analysis of volatile components of *Echinophora platyloba* DC
M.B. GHOLIVAND, M.M. ABOLGHASEMI, M. PIRYAEI, S.M. MAASSOUMI & A. PAPZAN (Iran)
- 334 Structural property of soybean lunasin and development of a method to quantify lunasin in plasma using an optimized immunoassay protocol
V.P. DIA, S. FRANKLAND-SEARBY (United States), F.L. DEL HIERRO (Ecuador), G. GARCIA & E.G. DE MEJIA (United States)
- 348 Development and validation of a real-time PCR method for the simultaneous detection of black mustard (*Brassica nigra*) and brown mustard (*Brassica juncea*) in food
M. PALLE-REISCH, M. WOLNY, M. CICHNA-MARKL & R. HOCHEGGER (Austria)
- 406 Influence of extraction procedures on phenolic content and antioxidant activity of Cretan barberry herb
W. KUKULA-KOCH (Poland), N. ALIGIANNIS, M. HALABALAKI, A.-L. SKALTSOUNIS (Greece), K. GLOWNIAK (Poland) & E. KALPOUTZAKIS (Greece)

- 484 Arsenic speciation analysis in mono-varietal wines by on-line ionic liquid-based dispersive liquid–liquid microextraction
L.B. ESCUDERO, E.M. MARTINIS, R.A. OLSINA & R.G. WUILLLOUD (Argentina)
- 509 A review of the liquid chromatographic methods for the determination of biogenic amines in foods
A. ÖNAL, S.E.K. TEKKELI & C. ÖNAL (Turkey)
- 531 Simultaneous determination of lovastatin and citrinin in red yeast rice supplements by micellar electrokinetic capillary chromatography
B. NIGOVIĆ, M. SERTIĆ & A. MORNAR (Croatia)
- 574 The antioxidant activity of teas measured by the FRAP method adapted to the FIA system: Optimising the conditions using the response surface methodology
A.C. MARTINS, L. BUKMAN, A.M.M. VARGAS, É.O. BARIZÃO, J.C.G. MORAES, J.V. VISENTAINER & V.C. ALMEIDA (Brazil)
- 600 Optimization of gas chromatography–single quadrupole mass spectrometry conditions for multiresidue analysis of pesticides in grapes in compliance to EU-MRLs
K. BANERJEE, S. MUJAWAR, S.C. UTTURE, S. DASGUPTA & P.G. ADSULE (India)
- 650 Determination of fluorine in milk samples via calcium-monofluoride by electrothermal molecular absorption spectrometry
N. OZBEK & S. AKMAN (Turkey)
- 709 Multi-targeted screening of botanicals in food supplements by liquid chromatography with tandem mass spectrometry
C. MATHON, M. DURET, M. KOHLER, P. EDDER, S. BIERI & P. CHRISTEN (Switzerland)
- 724 Pattern recognition of peach cultivars (*Prunus persica* L.) from their volatile components
P. MONTERO-PRADO, K. BENTAYEB & C. NERÍN (Spain)

Retraction Notice

- 421 Retraction notice to: 'VIS/NIR hyper-spectroscopy technique for the measurement of moisture and fat contents of breaded-fried chicken nuggets' [Food Chem. 127 (2011) 645–650]
A. YAVARI, M. HAMEDİ & S. HAGHBIN (Iran)

I Calendar