

CONTENTS

Volume 28 Issue 2 December 2012

- 199 Sodium-benzoate and citrus extract increase the effect of homogenization towards spores of *Fusarium oxysporum* in pineapple juice
A. BEVILACQUA, D. CAMPANIELLO, M. SINIGAGLIA, C. CICCARONE & M.R. CORBO (Italy)
- 205 Integrating statistical process control to monitor and improve carcasses quality in a poultry slaughterhouse implementing a HACCP system
M. MATARAGAS, E.H. DROSINOS, E. TSOLA & P.E. ZOIPOULOS (Greece)
- 212 Antimicrobial phenolic extracts able to inhibit lactic acid bacteria growth and wine malolactic fermentation
A. GARCÍA-RUIZ, C. CUEVA, E.M. GONZÁLEZ-ROMPINELLI, M. YUSTE, M. TORRES, P.J. MARTÍN-ÁLVAREZ, B. BARTOLOMÉ & M.V. MORENO-ARRIBAS (Spain)
- 220 Ochratoxin A in instant coffee in Italy
A. VECCHIO, V. MINEO & D. PLANETA (Italy)
- 224 Mycoflora and mycotoxins in field samples of Brazil nuts
A.C. BAQUIÃO, P. ZORZETE, T.A. REIS, E. ASSUNÇÃO, S. VERGUEIRO & B. CORREA (Brazil)
- 230 The antimicrobial effect of wine on *Bacillus cereus* in simulated gastro-intestinal conditions
M. VAZ, T. HOGG & J.A. COUTO (Portugal)
- 237 Distribution of irradiated foods in China
S.-Q. CHEN, K.-X. JIANG, B.-S. CAO, Y.-Q. LIU, X.-F. CAI, X.-L. LIU, Y. CAO, X.-Y. LIU & W.-N. SHI (Beijing, China)
- 240 Species identification of Cyprinidae fish in Taiwan by FINS and PCR–RFLP analysis
C.-H. CHEN, C.-H. HSIEH & D.-F. HWANG (ROC)
- 246 Beef specific polymerase chain reaction assay for authentication of meat and meat products
B.G. MANE, S.K. MENDIRATTA & A.K. TIWARI (India)
- 250 Simplified framework for predicting changes in public health from performance standards applied in slaughter establishments
E.D. EBEL, M.S. WILLIAMS, N.J. GOLDEN & H.M. MARKS (USA)
- 258 Microbiological quality and safety of minimally processed vegetables marketed in Campinas, SP – Brazil, as assessed by traditional and alternative methods
L.C. MAISTRO, N.T.N. MIYA, A.S. SANT’ANA & J.L. PEREIRA (Brazil)
- 265 Factors influencing the implementation of food safety control systems in Taiwanese international tourist hotels
S.-L. WU (Taiwan)
- 273 Inactivation of foodborne pathogens in raw milk using high hydrostatic pressure
B. YANG, Y. SHI, X. XIA, M. XI, X. WANG, B. JI (PR China) & J. MENG (PR China, USA)
- 279 Food hygiene supervision during a major conference in Beijing: Descriptive analysis of impact on risk factors
Q. WANG, D. AN, L. WEN, Y. SHI, Y. MENG, W. LU, W. LIANG, R. SUN & X. LIU (China)
- 286 A real-time reverse-transcriptase PCR technique for detection and quantification of viable *Alternaria* spp. in foodstuffs
M.Á. PAVÓN, I. GONZÁLEZ, R. MARTÍN & T. GARCÍA (Spain)

(Contents continued on next page)

- 295 Co-occurrence of mycotoxins in Spanish barley: A statistical overview
M. IBÁÑEZ-VEA, E. GONZÁLEZ-PEÑAS, E. LIZARRAGA & A. LÓPEZ DE CERAIN (Spain)
- 299 Alteration of fungal growth and toxigenicity due to the protective effect of cereal coats
N.A. AL-HAZMI & M.N. GOMAA (Kingdom of Saudi Arabia)
- 304 Validation of a liquid chromatography with ultraviolet detection methodology for the determination of sulfonamides in bovine milk according to 2002/657/EC
R.H.M.M. GRANJA, A.C. DE LIMA, A.G. SALERNO & A.C.B.A. WANSCHHEL (Brazil)
- 309 MPN-PCR detection and antimicrobial resistance of *Listeria monocytogenes* isolated from raw and ready-to-eat foods in Malaysia
M.N. MARIAN, S.M. SHARIFAH AMINAH, M.I. ZURAINI, R. SON, M. MAIMUNAH, H.Y. LEE, W.C. WONG & N. ELEXSON (Malaysia)
- 315 Rapid determination of benzoate in soft drinks by solid-state benzoate ion selective sensor based on conducting polypyrrole film
N. ALIZADEH, N. SABURI & S.E. HOSSEINI (Iran)
- 321 Analysis of commercial wines by LC-MS/MS reveals the presence of residual milk and egg white allergens
S. TOLIN, G. PASINI, B. SIMONATO, F. MAINENTE & G. ARRIGONI (Italy)
- 327 Prevalence and antimicrobial resistance patterns of *Listeria* species isolated from poultry products marketed in Iran
A.A. FALLAH, S.S. SAEI-DEHKORDI, M. RAHNAMA, H. TAHMASBY & M. MAHZOUNIEH (Iran)
- 333 Migration of two antioxidants from packaging into a solid food and into Tenax®
I. REINAS (Portugal), J. OLIVEIRA (Portugal, Ireland), J. PEREIRA, F. MACHADO & M.F. POÇAS (Portugal)
- 338 Aflatoxin M₁ in UHT milk consumed in Turkey and first assessment of its bioaccessibility using an *in vitro* digestion model
B. KABAK & F. OZBEY (Turkey)
- 345 Contamination of vegetables sold in markets with helminth eggs in Zaria metropolis, Kaduna State, Nigeria
B.V. MAIKAI, I.A. ELISHA & E.B.T. BABA-ONOJA (Nigeria)
- 349 Effects of sublethal heat, bile and organic acid treatments on the tolerance of *Vibrio parahaemolyticus* to lethal low-salinity
W.S. HUANG & H.-C. WONG (ROC)
- 354 Natural co-occurrence of aflatoxins and ochratoxin A in spices
F. OZBEY & B. KABAK (Turkey)
- 362 The application of D-optimal design for modelling the red wine ageing process
V. PUŠKAŠ & U. MILJIĆ (Serbia)
- 368 Monitoring of cleanliness and disinfection in dairies: Comparison of traditional microbiological and ATP bioluminescence methods
C. CARRASCOSA, P. SAAVEDRA, R. MILLÁN, J.R. JABER, E. PÉREZ, R. GRAU, A. RAPOSO, C. MAURICIO & E. SANJUÁN (Spain)
- 374 Degradation of cypermethrin, malathion and dichlorovos in water and on tea leaves with O₃/UV/TiO₂ treatment
L. LIN, M. XIE, Y. LIANG, Y. HE, G.Y. SING CHAN & T. LUAN (PR China)
- 380 The effect of industrial potato processing on the concentrations of glycoalkaloids and nitrates in potato granules
R. ELŻBIETA (Poland)
- 385 Identification of moulds from the Taleggio cheese environment by the use of DNA barcodes
S. PANELLI, J.N. BUFFONI, C. BONACINA & M. FELIGINI (Italy)
- 392 Enhanced PFGE protocol to study the genomic diversity of *Clostridium* spp. isolated from Manchego cheeses with late blowing defect
S. GARDE, P. GAYA, R. ARIAS & M. NUÑEZ (Spain)
- 400 Food safety knowledge and food-handling practices of Greek university students: A questionnaire-based survey
T. LAZOU (Greece, UK, Ireland), M. GEORGIADIS (Italy), K. PENTIEVA (UK), A. MCKEVITT (UK, Ireland) & E. IOSSIFIDOU (Greece)
- 412 Perceived physical risk and risk-reducing strategies in the consumption of raw vegetable salads in restaurants
M.S. DANELON & E. SALAY (Brazil)
- 420 Effects of marinating on the formation of polycyclic aromatic hydrocarbons (benzo[a]pyrene, benzo[b]fluoranthene and fluoranthene) in grilled beef meat
A. FARHADIAN, S. JINAP, A. FARIDAH & I.S.M. ZAIDUL (Malaysia)
- 426 Microbial diversity of traditional fermentation starters for Hong Qu glutinous rice wine as determined by PCR-mediated DGGE
X.-C. LV, X. WENG, W. ZHANG, P.-F. RAO & L. NI (China)
- 435 Reduction *in vitro* of the minor *Fusarium* mycotoxin beauvericin employing different strains of probiotic bacteria
G. MECA (Spain), A. RITIENI (Italy) & J. MAÑES (Spain)
- 441 Application of a DSC model for the evaluation of TPC in thermo-oxidized oils
M.-E. CUVELIER, F. LACOSTE & F. COURTOIS (France)
- 445 Release of synthetic phenolic antioxidants from extruded poly lactic acid (PLA) film
M. JAMSHIDIAN, E.A. TEHRANY & S. DESOBRY (France)
- 456 Development of a multiplexed PCR assay combined with propidium monoazide treatment for rapid and accurate detection and identification of three viable *Salmonella enterica* serovars
Y. YANG, C. WAN, H. XU, W. LAI, Y. XIONG, F. XU, X. YOU (PR China), H. XU, Z.P. AGUILAR (USA), J. SUN & H. WEI (PR China)
- 463 Survival of inoculated *Salmonella* on the shell of hens' eggs and its potential significance
P. BOTEY-SALÓ, A. ANYOGU, A.H. VARNAM & J.P. SUTHERLAND (UK)