

Mini-review

- Advances in research on structural characterisation of agricultural products using atomic force microscopy** 783
D Liu and F Cheng (China)

Research Articles

- Ursolic acid and its esters: occurrence in cranberries and other *Vaccinium* fruit and effects on matrix metalloproteinase activity in DU145 prostate tumor cells** 789
M Kondo (USA), SL MacKinnon, CC Craft, MD Matchett, RAR Hurta (Canada) and CC Neto (USA)
- Chemical and sensory changes in fresh cider spirits during maturation in inert containers** 797
R Rodríguez Madrera, B Suárez Valles and A Picinelli Lobo (Spain)
- Bioactive compounds from flesh and by-product of fresh-cut watermelon cultivars** 805
MP Tarazona-Díaz (Spain), J Viegas, M Moldao-Martins (Portugal) and E Aguayo (Spain)
- Effects of water-saving superabsorbent polymer on antioxidant enzyme activities and lipid peroxidation in corn (*Zea mays* L.) under drought stress** 813
MR Islam (China, Bangladesh), Y Hu, S Mao, P Jia (China), AE Eneji (Nigeria) and X Xue (China)
- Influence of barley variety, timing of nitrogen fertilisation and sunn pest infestation on malting and brewing** 820
O Marconi, V Sileoni, M Sensidoni (Italy), JM Amigo Rubio (Denmark), G Perretti and P Fantozzi (Italy)
- Technological, rheological and yield differences among Egyptian wheat varieties** 831
ME Ibrahim, SM Abdel-Aal, AS Hussein and NA Gafar (Egypt)
- Comparative evaluation of laboratory-scale silages using standard glass jar silages or vacuum-packed model silages** 841
S Hoedtke and A Zeyner (Germany)
- Effect of meat washing on the development of impact odorants in fish *miso* prepared from spotted mackerel** 850
A Giri, K Osako, A Okamoto, E Okazaki and T Ohshima (Japan)
- Comparative study of primary and secondary metabolites in apricot (*Prunus armeniaca* L.) cultivars** 860
V Schmitzer, A Slatnar, M Mikulic-Petkovsek, R Veberic (Slovenia), B Krska (Czech Republic) and F Stampar (Slovenia)

Evaluation of fruit extracts of six Turkish <i>Juniperus</i> species for their antioxidant, anticholinesterase and antimicrobial activities	867
M Öztürk, I Tümen, A Uğur, F Aydoğmuş-Öztürk and G Topçu (Turkey)	
Effects of high hydrostatic pressure on enzymes, phenolic compounds, anthocyanins, polymeric color and color of strawberry pulps	877
X Cao, Y Zhang, F Zhang, Y Wang, J Yi and X Liao (China)	
Quality and storage stability of extruded puffed corn-fish snacks during 6-month storage at ambient temperature	886
GR Shaviklo (Iceland, Iran), G Thorkelsson (Iceland), F Rafipour (Iran) and S Sigurgisladottir (Iceland)	
Significance of osmotic temperature treatment and storage time on physical and chemical properties of a strawberry-gel product	894
ME Martín-Esparza, I Escriche, L Penagos and N Martínez-Navarrete (Spain)	
Toxicity of <i>Schizonpeta multifida</i> essential oil and its constituent compounds towards two grain storage insects	905
ZL Liu, SS Chu and GH Jiang (China)	
Effects of housing system and age of laying hens on egg performance in fresh pasta production: pasta cooking behaviour	910
C Alamprese, E Casiraghi and M Rossi (Italy)	
A preliminary study of the protease activities in germinating brown rice (<i>Oryza sativa</i> L.)	915
C Li, X Cao, Z Gu and H Wen (China)	
QIGLF, a novel angiotensin I-converting enzyme-inhibitory peptide from egg white protein	921
Z Yu, W Zhao, J Liu, J Lu (China) and F Chen (USA)	
Thermal stability of corn oil flavoured with <i>Thymus capitatus</i> under heating and deep-frying conditions	927
I Jabri Karoui, W Dhifi, M Ben Jemia and B Marzouk (Tunisia)	
Survey of <i>ex situ</i> fruit and leaf volatiles from several <i>Pistacia</i> cultivars grown in California	934
JN Roitman, GB Merrill and JJ Beck (USA)	
Wine consumption habits and consumer preferences between wines aged in barrels or with chips	943
S Pérez-Magariño, M Ortega-Heras and ML González-Sanjosé (Spain)	
Vacuum-packed ripened sausages: evolution of volatile compounds during storage	950
C Summo, F Caponio, A Pasqualone and T Gomes (Italy)	
Free amino acids profile and quantities of 'sirt', 'bohca' and 'sekerpare' pastirma, dry cured meat products	956
S Ceylan and MI Aksu (Turkey)	
Oxidative stability of cooked, frozen, reheated beef patties: effect of antioxidants	963
P Colindres and MS Brewer (USA)	