

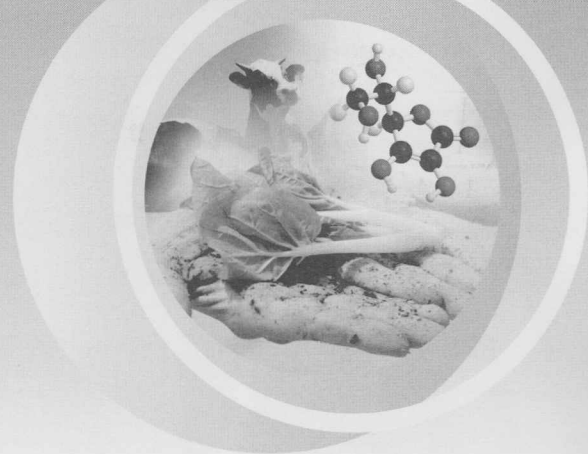


Research Articles

- Characteristics and oil absorption of deep-fat fried dough prepared from ball-milled wheat flour** 363
P Thanatuksorn, K Kajiwara and T Suzuki (Japan)
- Bioactive peptide production by hydrolysis of porcine blood proteins in a continuous enzymatic membrane reactor** 372
J-T Wei and B-H Chiang (Taiwan)
- Effects of egg weight on egg quality characteristics** 379
A Şekeroğlu and E Altuntaş (Turkey)
- Nutritional and toxicological evaluation of wheat grown on soils with or without fly ash treatment** 384
B Kandlakunta, R Punna, U Paruchuri, B Sangras, K Krishnaswamy, S Qadri, U Putcha and S Boindala (India)
- Are compost teas an effective nutrient amendment in the cultivation of strawberries? Soil and plant tissue effects** 390
JC Hargreaves, MS Adl and PR Warman (Canada)
- Phenylalanine ammonia-lyase and phenolic compounds in leaves and fruits of *Olea europaea* L. cv. Picual during ripening** 398
F Ortega-García, S Blanco, MÁ Peinado and J Peragón (Spain)
- Comparison of the physico-chemical characteristics of a new triploid banana hybrid, FLHORBAN 920, and the Cavendish variety** 407
C Bugaud, P Alter, M-O Daribo and J-M Brillouet (France)
- Effect of UV-C radiation on quality of minimally processed spinach leaves** 414
F Artés-Hernández, VH Escalona, PA Robles, GB Martínez-Hernández and F Artés (Spain)
- Evolution of plant water status indices during butterhead lettuce growth and its impact on post-storage quality** 422
M Barg, MV Agüero, A Yommi and SI Roura (Argentina)
- Effects of ball-milling on the glass transition of wheat flour constituents** 430
P Thanatuksorn, K Kawai, K Kajiwara and T Suzuki (Japan)
- Determination of volatile compounds of precooked prawn (*Penaeus vannamei*) and cultured gilthead sea bream (*Sparus aurata*) stored in ice as possible spoilage markers using solid phase microextraction and gas chromatography/mass spectrometry** 436
S Soncin, LM Chiesa, S Panseri, P Biondi and C Cantoni (Italy)
- Effect of hot air treatment on quality and ripening of Chinese bayberry fruit** 443
Z Luo, T Xu, J Xie, L Zhang and Y Xi (China)
- The effect of reduced amino acid level and increasing levels of lupin on growth performance and meat content in organic reared pigs** 449
JV Nørgaard and JA Fernández (Denmark)

Contents continued

- Oxidative stability of palm- and soybean-based medium- and long-chain triacylglycerol (MLCT) oil blends** 455
SP Koh, N Arifin, OM Lai, MSA Yusoff, K Long and CP Tan (Malaysia)
- Effect of different production typologies on chemical, physical and sensory characteristics of Italian commercial pork** 463
C Corino, R Rossi, M Musella, G Pastorelli and S Cannata (Italy)
- Effect of the milling process on quality characteristics of rye flour** 470
M Gómez, J Pardo, B Oliete and PA Caballero (Spain)
- Modification in physical properties of rice gel by microbial transglutaminase** 477
C-F Lin, YT Wang and JS-B Wu (Taiwan)
- Effects of *Lactobacillus* cultures on performance of laying hens, and total cholesterol, lipid and fatty acid composition of egg yolk** 482
K Ramasamy, N Abdullah, S Jalaludin, M Wong and YW Ho (Malaysia)
- Aflatoxin occurrence in milk and supplied concentrates of goat farms of north-eastern Italy** 487
E Saccà, D Boscolo, A Vallati, W Ventura, F Bigaran and E Piasentier (Italy)
- Characterization and event-specific quantitative detection of DAS-59122-7 maize insert with the application of plasmidic reference material** 494
W Xu, Z Liang, Y Rong, Y Luo, F Zhang, Y Yuan and K Huang (China)
- Influence of foliar urea on the antioxidant response and fruit color of sweet pepper under limited N supply** 504
FM del Amor, P Cuadra-Crespo, P Varó and MC Gómez (Spain)
- Fermentation of bighead carp (*Aristichthys nobilis*) surimi and the characteristics of fermented bighead carp surimi products** 511
Z-Y Liu, M-L Zhang, Z-H Li, J Zhang, L He and F Hou (China)
- The bone-protective effect of a Taiwanese yam (*Dioscorea alata* L. cv. Tainung No. 2) in ovariectomised female BALB/C mice** 517
H-L Chen, L-T Hong, JK Lee and C-J Huang (Taiwan)
- Genetic and chemical assessment of Arbequina olive cultivar grown in Córdoba province, Argentina** 523
MM Torres, P Pierantozzi (Argentina), ME Cáceres, P Labombarda, G Fontanazza (Italy) and DM Maestri (Argentina)
- In vitro* degradation by mixed rumen bacteria of 17 mono- and sesquiterpenes typical of winter and spring diets of goats on Basilicata rangelands (southern Italy)** 531
M Malecky (France), V Fedele (Italy) and LP Broudiscou (France)



Contents continued

Proximal composition and *in vitro* starch digestibility in flaxseed-added corn tortilla

537

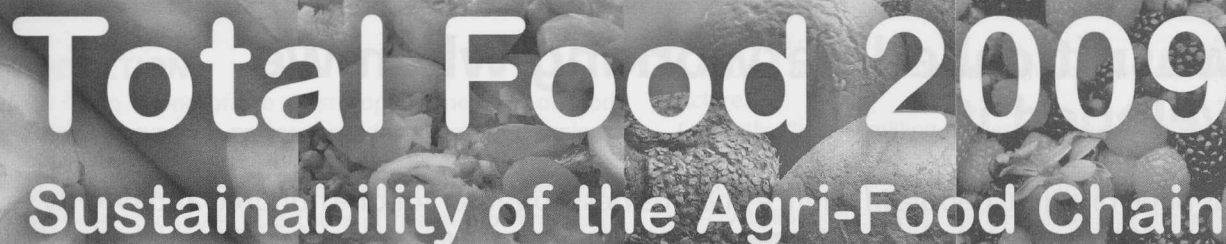
R Rendón-Villalobos, E Agama-Acevedo, P Osorio-Díaz (Mexico), J Tovar (Venezuela) and LA Bello-Pérez (Mexico)

Short Communication

Cranberry extract and quercetin modulate the expression of cyclooxygenase-2 (COX-2) and I κ B α in human colon cancer cells

542

R Narayansingh and RAR Hurta (Canada)



Total Food 2009

Sustainability of the Agri-Food Chain

A three-day international conference focussing on the sustainable exploitation of agri-food co-products and related biomass.

Key subject areas: Cell walls & dietary fibre • Phytochemicals •
Microbial technologies • Water recycling • Enzyme technologies •
Integrated processing & life cycle analysis • Marine wastes



Norwich Research Park, Norwich, UK

22nd - 24th April 2009

RSC | Advancing the
Chemical Sciences

www.ifr.ac.uk/totalfood2009

tf