

CONTENTS

Perspective

Flavor quality of fruits and vegetables
AA Kader (USA) 1863

Review

Potato glycoalkaloids: formation and strategies for mitigation
PK Nema (India), N Ramayya, E Duncan and K Niranjana (UK) 1869

Research Articles

Variation of the chemical composition of tomato cultivars (*Lycopersicon esculentum* Mill.) according to resistance against the tomato yellow leaf curl virus (TYLCV)
MH Suárez, JR Pallarés, DR Mesa, ER Rodríguez and CD Romero (Spain) 1882

Thermal treatments to partially pre-cook and improve the shelf-life of whole pearl millet flour
KKM Nantanga (South Africa), K Seetharaman (USA, Canada), HL de Kock and JRN Taylor (South Africa) 1892

Changes of mutagenicity and antimutagenicity of the lactic fermented soymilk after exposure to acid, bile salt and heating
M-L Hsieh, P-R Lo, R-C Yu and C-C Chou (Taiwan) 1900

A simplified method for extracting water-extractable arabinoxylans from wheat flour
NK Ganguli and MA Turner (Australia) 1905

Assessment of compositional changes during ripening of transgenic papaya modified for protection against papaya ringspot virus
M Roberts, DA Minott, PF Tennant and JC Jackson (Jamaica) 1911

Fatty acid composition of advanced olive selections obtained by crossbreeding
L León, R De la Rosa, A Gracia, D Barranco and L Rallo (Spain) 1921

Production of reduced calorie structured lipid by acidolysis of tripalmitin with capric acid: optimisation by response surface methodology
I Bektaş, S Yucel, G Ustun and HA Aksoy (Turkey) 1927

Effect of replacement of lactose with partially hydrolysed rice syrup on small intestine development in weaned pigs from 7 to 21 days
P Kang, Y-L Yin, Z Ruan, J Pan, Q Hu, Z-Y Deng, H Xiong and M-Y Xie (China) 1932

Development of active plastic crate and evaluation of phytopathogenic and pathogenic food spoilage micro-organism inhibition
MS Pinto, NFF Soares, EAF Fontes, RM Geraldine, JC B Júnior and NR Melo (Brazil) 1939

Determination of cyprodinil and fludioxonil in the fermentative process of must by high-performance liquid chromatography–diode array detection
L Vaquero-Fernández, A Sáenz-Hernández, J Sanz-Asensio, P Fernández-Zurbano, M Sainz-Ramírez, B Pons-Jubera, M López-Alonso, S-I Epifanio-Fernández and M-T Martínez-Soria (Spain) 1943

Highly automated and fast determination of raffinose family oligosaccharides in *Lupinus* seeds using pressurized liquid extraction and high-performance anion-exchange chromatography with pulsed amperometric detection
D Bansleben, I Schellenberg and A-C Wolff (Germany) 1949

Protected Designation of Origin in beans (*Phaseolus vulgaris* L.): towards an objective approach based on sensory and agromorphological properties
RR del Castillo, A Almirall, J Valero and F Casañas (Spain) 1954

Continued on inside back cover



Characteristics of the leaf parts of some traditional Korean salad plants used for food S-U Chon, B-G Heo, Y-S Park, J-Y Cho (South Korea) and S Gorinstein (Israel)	1963
Quality of fresh-cut tomatoes as affected by salt content in irrigation water and post-processing ultraviolet-C treatment H-J Kim (USA, Republic of Korea), JM Fonseca, C Kubota, M Kroggel and J-H Choi (USA)	1969
Changes in flour gelatinisation of trifoliate yam (<i>Dioscorea dumetorum</i>) tubers after harvest GN Medoua and CMF Mbofung (Cameroon)	1975
Chlorophyll degradation and resulting catabolite formation in stored Japanese bunching onion (<i>Allium fistulosum</i> L.) PK Dissanayake, N Yamauchi and M Shigyo (Japan)	1981
Effect of pyruvic acid and ascorbic acid on stability of 3-deoxyanthocyanidins L Ojwang and JM Awika (USA)	1987
<i>In vitro</i> gas production profiles and fermentation end-products in processed peas, lupins and faba beans A Azarfar (Iran), S Tamminga, WF Pellikaan and AFB van der Poel (The Netherlands)	1997
Influences of weather, cultivar and fertiliser rate on grain protein polymer accumulation in field-grown winter wheat, and relations to grain water content and falling number E Johansson, ML Prieto-Linde and C Gissén (Sweden)	2011
Nutrient digestibility, performance and carcass traits of growing–finishing pigs fed diets containing graded levels of dehydrated lucerne meal PA Thacker and I Haq (Canada)	2019
Food and feed components for gut health-promoting adhesion of <i>E. coli</i> and <i>Salmonella enterica</i> PM Becker (The Netherlands) and S Galletti (The Netherlands, Italy)	2026
Short Communication	
Composition and radical-scavenging activity of <i>Thymus glabrescens</i> Willd. (Lamiaceae) essential oil Z Maksimović, D Stojanović, I Šoštarić, Z Dajić and M Ristić (Serbia)	2036