

### REVIEW ARTICLES

- 595 Recent trends in specialty pharma business model  
*Mannching Sherry Ku*
- 609 Camel milk as a potential therapy for controlling diabetes and its complications: A review of *in vivo* studies  
*Amal Bakr Shori*
- 619 Impact of chitosan composites and chitosan nanoparticle composites on various drug delivery systems:  
A review  
*M.Abd Elgadir, Md.Salim Uddin, Sahena Ferdosh, Aishah Adam, Ahmed Jalal Khan Chowdhury, Md. Zaidul Islam Sarker*

### ORIGINAL ARTICLES

- 630 Separation and speciation analysis of zinc from *Flammulina velutipes*  
*Fang Liu, Fei Pei, Alfred Mugambi Mariga, Le Gao, Guitang Chen, Liyan Zhao*
- 636 Determination of cholesterol and four phytosterols in foods without derivatization by gas chromatography-tandem mass spectrometry  
*Yan-Zong Chen, Shih-Yao Kao, Hao-Cheng Jian, Yu-Man Yu, Ju-Ying Li, Wei-Hsien Wang, Chung-Wei Tsai*
- 645 Determination of oligosaccharides and monosaccharides in Hakka rice wine by precolumn derivation high-performance liquid chromatography  
*Weidong Bai, Xiaodi Fang, Wenhong Zhao, Shiqi Huang, Hongkang Zhang, Min Qian*
- 652 A rapid and sensitive spectrophotometric method for the determination of benzoyl peroxide in wheat flour samples  
*Kraingkrui Ponghong, Sam-ang Supharoek, Watsaka Siringkhawut, Kate Grudpan*
- 660 Identification of biosynthetic intermediates of teaghrilins and teaghrilin-like compounds in oolong teas, and their molecular docking to the ghrelin receptor  
*Sheng-Kuo Hsieh, Yuan-Hao Lo, Chia-Chang Wu, Tse-yu Chung, Jason T.C. Tzen*
- 671 Evaluation of iron-binding activity of collagen peptides prepared from the scales of four cultivated fishes in Taiwan  
*Chun-Yung Huang, Chien-Hui Wu, Jing-Iong Yang, Ying-Han Li, Jen-Min Kuo*
- 679 Oxidant stress evoked damage in rat hepatocyte leading to triggered nitric oxide synthase (NOS) levels on long term consumption of aspartame  
*Iyaswamy Ashok, Rathinasamy Sheeladevi*
- 692 Quercetin uptake and metabolism by murine peritoneal macrophages *in vitro*  
*Chieh-Jung Liu, Yi-Ru Liao, Jin-Yuarn Lin*
- 701 Effects of drying on caffeoylquinic acid derivative content and antioxidant capacity of sweet potato leaves  
*Toong Long Jeng, Chia Chi Lai, Ting Chen Liao, Su Yue Lin, Jih Min Sung*
- 709 Effects of blending wheatgrass juice on enhancing phenolic compounds and antioxidant activities of traditional kombucha beverage  
*Tzu-Ying Sun, Jia-Shiun Li, Chinshuh Chen*

- 719 Effects of red mold dioscorea with pioglitazone, a potentially functional food, in the treatment of diabetes  
Chien-Li Chen, Tzu-Ming Pan
- 729 Effects of electrode settings on chlorine generation efficiency of electrolyzing seawater  
Guoo-Shyng Wang Hsu, Chih-Wei Hsia, Shun-Yao Hsu
- 735 Effects of process conditions on chlorine generation and storage stability of electrolyzed deep ocean water  
Guoo-Shyng Wang Hsu, Chih-Wei Hsia, Shun-Yao Hsu
- 742 Nutritional and nutraceutical characteristics of *Sageretia theezans* fruit  
Tae Kyung Hyun, Sang Churl Song, Chang-Khil Song, Ju-Sung Kim
- 750 Antioxidation, angiotensin converting enzyme inhibition activity, nattokinase, and antihypertension of *Bacillus subtilis* (natto)-fermented pigeon pea  
Bao-Hong Lee, Yi-Syuan Lai, She-Ching Wu
- 758 Red algae (*Gelidium amansii*) reduces adiposity via activation of lipolysis in rats with diabetes induced by streptozotocin-nicotinamide  
Tsung-Han Yang, Hsien-Tsung Yao, Meng-Tsan Chiang
- 766 Antioxidant activity and growth inhibition of human colon cancer cells by crude and purified fucoidan preparations extracted from *Sargassum cristaeifolium*  
Cheng-Yuan Wang, Tien-Chou Wu, Shu-Ling Hsieh, Yung-Hsiang Tsai, Chia-Wen Yeh, Chun-Yung Huang
- 778 Food suppliers' perceptions and practical implementation of food safety regulations in Taiwan  
Wen-Hwa Ko
- 788 Is it possible to rapidly and noninvasively identify different plants from Asteraceae using electronic nose with multiple mathematical algorithms?  
Hui-Qin Zou, Gang Lu, Yong Liu, Rudolf Bauer, Ou Tao, Jian-Ting Gong, Li-Ying Zhao, Jia-Hui Li, Zhi-Yu Ren, Yong-Hong Yan
- 795 Antifungal and antioxidant activities of organic and aqueous extracts of *Annona squamosa* Linn. leaves  
Narasimharaju Kalidindi, Nagarasanakote Venkataswamy Thimmaiah, Nagepally Venkataramareddy Jagadeesh, Ramaiah Nandeeep, Sathyanarayana Swetha, Bharat Kalidindi
- 803 Method development and validation for the high-performance liquid chromatography assay of gastrodin in water extracts from different sources of *Gastrodia elata* Blume  
Wei-Cheng Chen, Yi-Syuan Lai, Kuan-Hung Lu, Shih-Hang Lin, Li-Yun Liao, Chi-Tang Ho, Lee-Yan Sheen
- 811 Chemical material basis study of Xuefu Zhuyu decoction by ultra-performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry  
Lei Zhang, Zhenzuo Jiang, Jing Yang, Yuanyuan Li, Yuefei Wang, Xin Chai
- 821 Flavone glycosides from commercially available *Lophatheri Herba* and their chromatographic fingerprinting and quantitation  
Jyun-Siang Fan, I-Jung Lee, Yun-Lian Lin
- 828 Effect of high-pressure homogenization preparation on mean globule size and large-diameter tail of oil-in-water injectable emulsions  
Jie Peng, Wu-jun Dong, Ling Li, Jia-ming Xu, Du-jia Jin, Xue-jun Xia, Yu-ling Liu
- 836 Degradation of histamine by *Bacillus polymyxa* isolated from salted fish products  
Yi-Chen Lee, Chung-Saint Lin, Fang-Ling Liu, Tzou-Chi Huang, Yung-Hsiang Tsai

I Acknowledgment of Reviewers

II Author Index

VII Keyword Index

XII Title Index