

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
Kraingkrai 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