

REVIEW ARTICLES

- 209 Pharmacokinetic interactions of herbal medicines for the treatment of chronic hepatitis
Tun-Pin Hsueh, Wan-Ling Lin, Tung-Hu Tsai
- 219 Recent advances in oral delivery of drugs and bioactive natural products using solid lipid nanoparticles as the carriers
Chih-Hung Lin, Chun-Han Chen, Zih-Chan Lin, Jia-You Fang
- 235 Smog induces oxidative stress and microbiota disruption
Tit-Yee Wong
- 245 Nanostructures: Current uses and future applications in food science
Kavitha Pathakoti, Manjunath Manubolu, Huey-Min Hwang

ORIGINAL ARTICLES

- 254 Fast and simple method for semiquantitative determination of calcium propionate in bread samples
Chutima Matayatsuk Phechkrajang, Surin Yooyong
- 260 DNA barcode and identification of the varieties and provenances of Taiwan's domestic and imported made teas using ribosomal internal transcribed spacer 2 sequences
Shih-Chieh Lee, Chia-Hsiang Wang, Cheng-En Yen, Chieh Chang
- 275 Determination of multiresidue analysis of β -agonists in muscle and viscera using liquid chromatograph/tandem mass spectrometry with Quick, Easy, Cheap, Effective, Rugged, and Safe methodologies
Yen-Ping Lin, Ying-Lin Lee, Chien-Ya Hung, Wen-Jeng Huang, Sheng-Che Lin
- 285 Simultaneous determination of ascorbic acid and caffeine in commercial soft drinks using reversed-phase ultraperformance liquid chromatography
Fatma Turak, Remziye Güzel, Erdal Dinç
- 293 Voltammetric sensor for tartrazine determination in soft drinks using poly (*p*-aminobenzenesulfonic acid)/zinc oxide nanoparticles in carbon paste electrode
Ghasem Karim-Nezhad, Zeynab Khorablou, Maryam Zamani, Parisa Seyed Dorraji, Mahdiah Alamgholiloo
- 302 Albendazole residues in goat's milk: Interferences in microbial inhibitor tests used to detect antibiotics in milk
Tamara Romero, Rafael Althaus, Vicente Javier Moya, María del Carmen Beltrán, Wim Reybroeck, María Pilar Molina
- 306 Rapid investigation of α -glucosidase inhibitory activity of *Phaleria macrocarpa* extracts using FTIR-ATR based fingerprinting
Sabina Easmin, Md. Zaidul Islam Sarker, Kashif Ghafoor, Sahena Ferdosh, Juliana Jaffri, Md. Eaqub Ali, Hamed Mirhosseini, Fahad Y. Al-Juhaimi, Vikneswari Perumal, Alfi Khatib
- 316 Impact of different partitioned solvents on chemical composition and bioavailability of *Sasa quelpaertensis* Nakai leaf extract
Masaya Nakamura, Jong-Hwan Ra, Youngheun Jee, Ju-Sung Kim

- 327 Phytochemical composition and antibacterial activity of the essential oils from different parts of sea buckthorn (*Hippophae rhamnoides* L.)
Xuan-Feng Yue, Xiao Shang, Zhi-Juan Zhang, Yan-Ni Zhang
- 333 Phenolic constituents of *Pulicaria undulata* (L.) C.A. Mey. sub sp. *undulata* (Asteraceae): Antioxidant protective effects and chemosystematic significances
Sameh R. Hussein, Mona M. Marzouk, Maha M. Soltan, Emad K. Ahmed, Mahmoud M. Said, Ahmed R. Hamed
- 340 Composition analysis and antioxidant properties of black garlic extract
Xiaoming Lu, Ningyang Li, Xuguang Qiao, Zhichang Qiu, Pengli Liu
- 350 Antioxidant and antimicrobial phenolic compounds from extracts of cultivated and wild-grown Tunisian *Ruta chalepensis*
Ines Ouergthemmi, Iness Bettaieb Rebey, Fatma Zohra Rahali, Soumaya Bourgou, Luisa Pistelli, Riadh Ksouri, Brahim Marzouk, Moufida Saidani Tounsi
- 360 *Averrhoa bilimbi* fruits attenuate hyperglycemia-mediated oxidative stress in streptozotocin-induced diabetic rats
Surya B. Kurup, S. Mini
- 369 Assessment of bacterial quality of honey produced in Tamale metropolis (Ghana)
Parise Adadi, Abraham Kusi Obeng
- 374 Effect of storage temperature and time on the nutritional quality of walnut male inflorescences
Wen-E Zhang, Chang-Lei Wang, Bin-Bin Shi, Xue-Jun Pan
- 385 Study on the interaction of bioactive compound S-allyl cysteine from garlic with serum albumin
Yue-e Sun, Wei-dong Wang
- 391 Relation between salt tolerance and biochemical changes in cumin (*Cuminum cyminum* L.) seeds
Iness Bettaieb Rebey, Soumaya Bourgou, Fatma Zohra Rahali, Kamel Msaada, Riadh Ksouri, Brahim Marzouk
- 403 Antibacterial activity and interactions of plant essential oil combinations against Gram-positive and Gram-negative bacteria
Cristina Anamaria Semeniuc, Carmen Rodica Pop, Ancuța Mihaela Rotar
- 409 A randomized, double-blind clinical study to determine the effect of ANKASCIN 568 plus on blood glucose regulation
Yin-Ruei Wang, Sheng-Fu Liu, You-Cheng Shen, Chien-Li Chen, Chine-Ning Huang, Tzu-Ming Pan, Chin-Kun Wang
- 417 Simultaneous characterization and quantification of 17 main compounds in *Rabdosia rubescens* by high performance liquid chromatography
Sen Guo, Xueqin Cui, Mi Jiang, Lu Bai, Xiao Tian, Tiantian Guo, Qingchao Liu, Li Zhang, Chi-Tang Ho, Naisheng Bai
- 425 Development of validated high-performance thin layer chromatography for quantification of aristolochic acid in different species of the Aristolochiaceae family
Poonam Agrawal, Kirti Laddha
- 430 Simultaneous separation of antihyperlipidemic drugs by green ultrahigh-performance liquid chromatography–diode array detector method: Improving the health of liquid chromatography
Mansoor Alghazi, Fars Alanazi, Kazi Mohsin, Nasir Ali Siddiqui, Faiyaz Shakeel, Nazrul Haq
- 438 Curcumin inhibits adenosine deaminase and arginase activities in cadmium-induced renal toxicity in rat kidney
Ayodele Jacob Akinyemi, Nora Onyebueke, Opeyemi Ayodeji Faboya, Sunday Amos Onikanni, Adewale Fadaka, Israel Olayide
- 447 Effect of oleuropein against chemotherapy drug-induced histological changes, oxidative stress, and DNA damages in rat kidney injury
Fatime Geyikoglu, Murat Emir, Suat Colak, Kubra Koc, Hasan Turkez, Murat Bakir, Mirkhalil Hosseinigouzdagani, Salim Cerig, Osman Nuri Keles, Nihal Simsek Ozek