



Journal of Food and Drug Analysis

Vol.32 Issue 2

June 2024

Article Title

Authors

Page No.

1

[Trends and current food safety regulations and policies for functional foods and beverages containing botanicals](#)

Jarunee Intraseek, Takuji W. Tsusaka and Anil Kumar Anal

112-139

2

[The role and mechanism of cinnamaldehyde in cancer](#)

Jiahua Peng, Xin Song, Wenbin Yu, Yuhan Pan, Yufei Zhang, Hui Jian, Bin He

140-154

3

[Chemical constituents from a marine medicinal brown alga-derived *Xylaria acuta* SC1019](#)

Hsiao-Yang Hsi, Shih-Wei Wang, George Hsiao, Li-Kwan Chang, Yuan-Chung Cheng, Shu-Jung Huang, Yi-Shan Lu, Tzong-Huei Lee

155-167

4

[Comparative bioactivity assessment of bixin pigment and associated phytochemicals extracted from annatto seeds using conventional and green solvents](#)

Sonakshi Puri, Sumit Kumar Mandal, Harshit Jain, Pankaj Kumar Sharma, Perinkulam Ravi Deepa

168-183

5

[Detection of aflatoxin B₁ in chili powder using attenuated total reflectance–Fourier transform infrared spectroscopy](#)

Thin Thin Sein, Urairat Mongmonsin, Patutong Chatchawal, Molin Wongwattanakul, Oranee Srichaiyapol, Rungrueang Pattanakul, Patcharaporn Tippayawat

184-193

6

[Antityrosinase activity and LC-MS/MS analysis of optimized ultrasound-assisted condition extracts and fractions from Strawberry tree \(*Arbutus unedo* L.\)](#)

Serdar Demir, Halil Koyu, Mustafa Abdullah Yilmaz, Abbas Tarhan, Sura Baykan Ozturk

194-212

7

[*Citrus depressa* peel extract acts as a prebiotic to reduce lipid accumulation and modulate gut microbiota in obese mice](#)

Zheng-Yuan Su, Jie-An Liao, Ching-Ting Lin, Guor-Jien Wei, Yen-Chen Tung

213-226

8

[Effects of ibuprofen in the ZDF rat model of type 2 diabetes](#)

Alexander Gossau, Unsal Ozdogru, Emmanuel Zachariah, Shiming Li and Chi-Tang Ho

227-238

9

[Fluorescent carbon nanodot-based rapid cell nucleus staining and application for diagnosis](#)

Daiming Zhong, Huamin Yuan, Qiuyan Tian, Gongping Deng, Yanhong Ouyang, Yi Chen, Yang Wang, Zhiqin Yuan

239-249

Cover Image

Cover Highlights

- Food Safety Systems for Functional Foods Containing Botanicals

- Role and Mechanism of Cinnamaldehyde

- Prebiotic Citrus depressa mitigates lipid accumulation

