

| CONTENT  | Page |
|--|------|
| <b>1. Synthesis of nitrogen-doped carbon quantum dots (N-CQDs) using microwave-assisted hydrothermal method for tyramine determination</b><br><i>Tran Bao Tram, Tran Ngoc Bich, Tran Tien Dat, Tran Dong Duong, Vu Duy Tung, Chu Thi Hue, Pham Gia Bach, Nguyen Thi Anh Huong, Pham Thi Ngoc Mai</i>                               | 155  |
| <b>2. Determination of some NSAIDs content in meat by liquid chromatography with tandem mass spectrometry (LC-MS/MS)</b><br><i>Phung Cong Ly, Tran Trung Thanh, Nguyen Thi Hong Ngoc, Tran Vu Duc, Nguyen Thi Thuy Linh</i>  | 168  |
| <b>3. Contamination rate and antibiotic resistance profile of <i>Enterococcus</i> spp. isolated from pork and chicken in Gia Lam district, Hanoi City</b><br><i>Hoang Minh Duc, Tran Thi Khanh Hoa, Pham Thuy Linh, Hoang Minh Son</i>   | 182  |
| <b>4. Determination of deoxynivalenol and metabolites in maize samples by LC-MS/MS</b><br><i>Bui Cao Tien, Nguyen Thi Hong Ngoc, Nguyen Quang Huy, Le Thi Lan Huong, Vu Ngan Binh</i>  | 195  |
| <b>5. Study on determination of cynarin in dietary supplement containing artichoke by high performance liquid chromatography</b><br><i>Mac Thi Thanh Hoa, Le Tuyet Chinh, Nguyen Thi Van Anh, Bui Trong Huy, Nguyen Van Khoa, Nguyen Quang Hung, Cao Cong Khanh, Nguyen Duc Thanh</i>  | 212  |
| <b>6. Simultaneous determination of picoside I and picoside II in dietary supplements by high performance liquid chromatography with PDA detector</b><br><i>Do Yen Nhi, Nguyen Thi Anh Huong, Pham Minh Phuong, Trinh Yen Nhi, Le Thi Thuy, Vu Thi Trang</i>   | 226  |
| <b>7. Assessment of food safety in fresh pork from markets in Ninh Kieu District, Can Tho City</b><br><i>Huynh Thi Phuong Loan, Nguyen Bao Loc, Nguyen Thi Nhu Mai</i>   | 237  |
| <b>8. An overview on analytical methods and the occurrence of organic pollutants in cigarette litter</b><br><i>Nguyen Huy Duong, Nguyen Le Thuy Hien, Pham Hong Thai, Nguyen Duc Manh, Luu Mai Anh, Nguyen Thi Duyen, Nguyen Xuan Thao, Nguyen The Hieu, Kieu Thi Huyen, Nguyen Duc Hieu, Nguyen Thi Quynh Hoa, Hoang Quoc Anh</i> | 251  |
| <b>9. Current status of bacterial contamination in foods of boarding meals at schools in Buon Ma Thuot City in the 2023-2024 school year</b><br><i>Do Thi Thu Huong, Tuong Quoc Trieu, Truong Thi Thu, Hoang Nghia Thang, Nguyen Vu Thuan</i>  | 264  |
| <b>10. Highly sensitive electrochemical sensor based on flexible porous graphene for cortisol detection</b><br><i>Nguyen Van Anh, Le Khanh Toan, Nguyen Van Thuc, Pham Quang Trung, Vu Ngoc Duy, Nguyen Minh Ngoc, Nguyen Xuan Viet</i>  | 271  |
| <b>11. Assessment of arsenic concentration in rice and risk characterizations in some provinces in the Red River Delta region</b><br><i>Nguyen Thi Phuong Mai, Dinh Thi Diu, Nguyen Manh Khai, Pham Thanh Nam, Duong Thi Hanh</i>  | 282  |

12. **Study on the characteristics of sweetener reference material (aspartame, acesulfame potassium, sodium saccharin) in orange juice** 289  
*Bach Thuy Anh, Doan Van Kien, Dang Huu Cuong, Nguyen Thi Hang, Tran Thanh Son, Do Tat Thanh, Do Truc Quynh, Le Thi Phuong Thao*
13. **Prevalence of *Staphylococcus aureus* contamination isolated from meat and meat products in Ho Chi Minh City, Vietnam** 306  
*Huynh Ngoc Truong, Tran Thi Ngoc Thanh, Phan Thi Phuong Trang*
14. **Applications of machine learning coupled with computer vision, electronic nose and untargated analysis for food quality control** 313  
*Nguyen Manh Son, Nguyen Duc Phong, Bui Xuan Thanh, Ta Thi Thao, Le Thi Hong Hao, Nguyen Duc Thanh*
15. **Simultaneous determination of some coccidiostat antibiotics in food by liquid chromatography tandem mass spectrometry (LC-MS/MS)** 329  
*Nguyen Thi Phuong Mai, Nguyen Thi Thu Huong, Nguyen Viet Khiem, Luu Thi Huyen Trang, Dang Thi Ngoc Lan, Do Thi Trang, Nguyen Thi Ngan, Pham Hoang Nguyen*
16. **Knowledge and practice about food safety of village medical staffs at Khanh Hoa province in 2023** 343  
*Dang Hong Hoa, Le Hieu Thuy Anh*
17. **Optimization of adenosine và cordycepin extraction from cordyceps** 358  
*Vu Kim Dung, Nguyen Thi Hong Nhung, Nguyen Nhu Ngoc*
18. **The state of food safety and hygiene in bottled water production facilities in the five provinces of the Central Highlands region in 2023** 369  
*Nguyen Vu Thuan, Vien Chinh Chien, Tuong Quoc Trieu, Ta Duy Hung, Do Thi Thu Huong, Pham Thi Kim Dung*
19. **Assesment of quality of *Ginkgo biloba* extract and dietary supplements in Vietnam market based on flavonol glycoside content and flavonoid ratio** 378  
*Mac Thi Thanh Hoa, Nguyen Van Khoa, Nguyen Quang Hung, Cao Cong Khanh*
20. **Isolation, selection and identification of lactic bacteria from pickled salt lotus root in Giang Thanh district, Kien Giang province** 389  
*Huynh Van Quoc Canh, Le Bich Tuyen, Danh Trung Tinh, Tran Thi Tuyet Nhi, Ho Quoc Viet, Nguyen Van Thuan*
21. **Prevalence and antimicrobial resistance of *Pseudomonas aeruginosa* in food in Ho Chi Minh City** 400  
*Ngo Thanh Phong, Lê Thi Hien, Hoang Hoai Phuong*
22. **Antibacterial activity and cytotoxicity lung cancer cells A549 of *Ganoderma colossus*** 411  
*Che Thi Cam Ha, Huynh Nhu Y, Nguyen Trong Nghia, Nguyen Minh Tri, Nguyen Viet Thang, Nguyen Thi Kim Hue*
23. **Study on *Pseudomonas* spp. isolated from pork and chicken meat** 420  
*Lai Trinh Anh Khoa, Tu Hai Hien, Pham Vu Viet Dung, Nguyen Tien Dung*

- 24. Machine learning and deep learning models applied to identification and classification of mango** **429**  
*Nguyen Duc Phong, Nguyen Manh Son, Nguyen Manh Ha, Bui Xuan Thanh, Ta Thi Thao, Nguyen Thi Van Anh, Le Thi Hong Hao, Nguyen Duc Thanh*
- 25. Microbial and physicochemical contamination situation in food at Bac Giang, period 2017-2023** **438**  
*Duong Thi Hien, Doan Thi Thanh Nhan, Quach Van Linh, Phan Thi Thi*
- 26. A review of current analytical methods for the determination of dietary fiber in food** **448**  
*Nguyen Nhu Thuong, Vu Thi Trang, Do Thi Hong Thuy, Vu Thi Nhat Le*
- 27. Applications of capillary electrophoresis with capacitively coupled contactless conductivity detector (CE-C<sup>4</sup>D) for the determination of glucosamine, vitamin B6 and minerals** **460**  
*Nguyen Linh Trang, Nguyen Thi Thao Nguyen, Nguyen Quang Huy, Do Yen Nhi, Luu Thi Huyen Trang, Vu Thi Trang, Le Duc Dung, Hoang Quoc Anh, Pham Gia Bach, Pham Thi Ngoc Mai, Le Thi Hong Hao, Nguyen Thi Anh Huong*
- 28. Status of microbial contamination in edible ice in Dak Lak province in 2022-2023** **472**  
*Tuong Quoc Trieu, Vien Chinh Chien, Nguyen Vu Thuan, Ta Duy Hung, Do Thi Thu Huong*
- 29. Simultaneous determination of acid carnosic and carnosol in rosemary-containing foods by high-performance liquid chromatography with photodiode array detection (HPLC-PDA)** **481**  
*Do Truc Quynh, Nguyen Thanh Mai, Do Thi Hong Thuy, Lai Thi Thu Trang, Pham Thi Thanh Ha*
- 30. Study on reference material of heavy metals (lead, cadmium, arsenic, and mercury) in mustard greens by natural infection method** **494**  
*Tran Hoang Giang, Dinh Viet Chien, Nguyen Minh Chau, Le Van Ha, Lu Thi Minh Hien, Pham Thu Giang, Tran Thi Cham*
- 31. Simultaneous quantitative analysis of some main components in cinnamon leaves (*Cinnamomum cassia*) by HPLC-PDA** **506**  
*Bui Thi Lan Phuong, Le Bao Tram, Quach Huy Hoang, Tran Van On, Nguyen Thi Kieu Anh*
- 32. Evaluation of three ginsenoside content in raw materials and ginseng-containing supplements** **518**  
*Nguyen Quang Hung, Mac Thi Thanh Hoa, Nguyen Van Khoa, Cao Cong Khanh*