

個人簡歷 – 于希

于希

助理教授

食品與營養科學, 醫學院

澳門科技大學

澳門氹仔偉龍馬路

電話: 853-65931310

電郵: xyu@must.edu.mo

<https://scholar.google.com.sg/citations?user=z7f93MgAAAAJ&hl=en>

教育經歷

理學博士	新加坡國立大學-食品科學與技術
理學碩士	吉林大學-分析化學
理學學士	吉林大學-化學

工作經歷

助理教授, 食品與營養科學, 醫學院, 澳門科技大學, 中國澳門	2019.9-
博士後研究員, 南洋理工大學, 新加坡	2018.10-2019.8
研究助理, 大連化學物理研究所, 中國科學研究院, 中國	2013.7-2014.7

研究興趣

食品科技; 食品安全; 分析化學; 納米科技; 儀器分析。

發表期刊文章

- [1] **Yu X**, Lee J, Liu H, Yang H*. Synthesis of Magnetic Nanoparticles for the Detection of Sudan Dye Adulteration in Chilli Powders. *Food Chemistry*. 2019, 299, 125144.
- [2] **Yu X**, Khani A, Ye X, Petruzzello F, Gao H, Zhang X*. High-efficiency recognition and identification of disulfide bonded peptides in rat neuropeptide using targeted electron transfer dissociation tandem mass spectrometry. *Analytical Chemistry*. 2015, 87(23), 11646-51.
- [3] **Yu X**, Li Z, Zhao M, Lau S, Tan H, Tan S, Yang H*. Quantification of aflatoxin B1 in vegetable oils using low temperature clean-up followed by immuno magnetic solid phase extraction. *Food Chemistry*. 2019, 275, 390-396. **(ESI highly cited paper)**
- [4] **Yu X**, Li Y, Ng M, Yang H*, Wang S. Comparative study of pyrethroids residue in fruit peels and fleshes using polystyrene-coated magnetic nanoparticles based clean-up techniques. *Food Control*. 2018,85, 300-307.
- [5] **Yu X**, Yang H*. Pyrethroid residue determination in organic and conventional vegetables using liquid-solid extraction coupled with magnetic solid phase extraction based on polystyrene-coated magnetic nanoparticles. *Food Chemistry*. 2017, 217, 303-10. **(ESI highly cited paper)**
- [6] **Yu X**, Ang HC, Yang H*, Zheng C, Zhang Y. Low temperature cleanup combined with magnetic nanoparticle extraction to determine pyrethroids residue in vegetables oils. *Food Control*. 2017, 74, 112-20.
- [7] **Yu X**, Sun Y, Jiang C, Sun X, Gao Y, Wang Y, Zhang H, Song D*. Magnetic solid-phase extraction of five pyrethroids from environmental water samples followed by ultrafast liquid chromatography analysis. *Talanta*. 2012, 98(0), 257-64.

- [8] **Yu X**, Sun Y, Jiang CZ, Gao Y, Wang YP, Zhang HQ, Song D*. Magnetic solid-phase extraction and ultrafast liquid chromatographic detection of Sudan dyes in red wines, juices, and mature vinegars. *Journal of Separation Science*. 2012, 35(23), 3403-11.
- [9] Ye X, Zhao N, **Yu X**, Han X, Gao H, Zhang X*. Extensive characterization of peptides from panax ginseng ca meyer using mass spectrometric approach. *Proteomics*. 2016, 16(21), 2788-2791.
- [10] Jiang C, Sun Y, **Yu X**, Gao Y, Zhang L, Wang Y, Zhang H, Song D*. Application of C 18-functional magnetic nanoparticles for extraction of aromatic amines from human urine. *Journal of Chromatography B*. 2014, 947, 49-56.
- [11] Jiang C, Sun Y, **Yu X**, Gao Y, Zhang L, Wang Y, Zhang H, Song D*. Liquid-solid extraction coupled with magnetic solid-phase extraction for determination of pyrethroid residues in vegetable samples by ultra fast liquid chromatography. *Talanta*. 2013, 114, 167-75.
- [12] Gao Y, Sun Y, Jiang C, **Yu X**, Wang Y, Zhang H, Song D*. Fast determination of pyrethroid pesticides in tobacco by GC-MS-SIM coupled with modified QuEChERS sample preparation procedure. *Analytical Sciences*. 2013, 29(6), 649-653.
- [13] Wang C, Wang Y, Wang N, Jiang C, **Yu X**, Song D*. Matrix solid phase dispersion coupled with ultra-fast liquid chromatography for detection of sulfonamides in beef tissue. *Chinese Journal of Analytical Chemistry*. 2013, 41(1), 83-7.
- [14] Wang Y, Sun Y, Wang Y, Jiang C, **Yu X**, Gao Y, Song D*. Determination of Sudan dyes in environmental water by magnetic mesoporous microsphere-based solid phase extraction ultra fast liquid chromatography. *Analytical Methods*. 2013, 5(6), 1399-406.
- [15] Jiang C, Sun Y, Yu X, Zhang L, Sun X, Gao Y, Zhang H, Song D*. Removal of sudan dyes from water with C 18-functional ultrafine magnetic silica nanoparticles. *Talanta*. 2012, 89, 38-46.
- [16] Sun X-M, Sun Y, Wu L-W, Jiang C-Z, **Yu X**, Gao Y, Song D*. Development of a vortex-assisted ionic liquid microextraction method for the determination of aromatic amines in environmental water samples. *Analytical Methods*. 2012, 4(7), 2074-80.

參編書籍與發表專利

- [1] Safety and Practice for Organic Food, Chapter 5: From a Perspective of Nutrition: Importance of Organic Foods over Conventional Counterparts. Zheng Y; **Yu X**; Yang H*; Wang S. Elsevier. 2019.
- [2] Novel detection method for Sudan dye pollution in water, Song D, Sun Y, Jiang C, **Yu X**, Zhang L, Sun X, Gao Y. Patent No.: ZL201110157977.0, Date of Issuance: Nov. 14th, 2012.

學術會議

- (1) Yu X, Ng M, Yang H. Comparative study of pyrethroids residue in fruit peels and flesh using solid-liquid extraction combined with magnetic solid phase extraction. International Association for Food Protection (IAFP) European Symposium on Food Safety. 29-31 Mar 2017, Brussels, Belgium.
- (2) Yu X, Yang H. Determination of pesticides residue in vegetables using magnetic solid phase extraction coupled to HPLC. 4th Asia-Pacific International Food Safety Conference & 7th Asian Conference on Food and Nutrition Safety, 11-13 Oct 2016, Penang, Malaysia.
- (3) Yu X, Yang H, Comparative study of pyrethroids residue in fruit peels and flesh using solid-liquid extraction combined with magnetic solid phase extraction. Inaugural Department of Chemistry Graduate Symposium of NUS, 12 Aug 2016, Singapore.

- (4) Yu X, Yang H. Determination of pesticides residue in vegetables using magnetic solid phase extraction coupled to HPLC. Joint Symposium on Food Science and Technology between NUS and Kasetsart University. 23 Feb 2016, Singapore.
- (5) Yu X, Yang H. Utilising nanoparticles to enhance pyrethroids residue determination in organic and conventional vegetables. 8th Joint Symposium on Food Science and Technology between NUS and TUMSAT, 3-4 Dec 2015, Singapore.

部分榮譽與獎項

- 2019: “最優秀畢業生”，食品科學與技術學院，新加坡國立大學；
- 2018: 研究工作獲“海峽時報”，“8 頻道新聞”等媒體採訪報導；
- 2016: “卓越獎，分析化學與能源/環境分組第一名，化學研究生論壇，新加坡國立大學；
- 2016: 研究工作獲豐益國際旗下金龍魚營養與安全基金贊助；
- 2013: 優秀畢業生，研究生國家獎學金，吉林大學；
- 2011: PPG 企業獎學金，吉林大學。