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

2019.9-  
2018.10-2019.8  
2013.7-2014.7

- [1] **Yu X**, Lee J, Liu H, Yang H\*. Synthesis of Magnetic Nanoparticles for the Detection of Sudan Dye Adulteration in Chilli Powders. . 2019, 2 , 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. . 2015, (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. . 2019, 2 5, 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 fleshs using polystyrene-coated magnetic nanoparticles based clean-up techniques. . 2018, 5, 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. . 2017, 21 , 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. . 2017, 4, 112-20.
- [7] **Yu X**, Sun Y, Jiang C, Sun X, Gao Y, Wang W, Zhang H, Song D\*. Magnetic solid-phase extraction of five pyrethroids from environmental water samples followed

- [8] **Yu X**, Sun Y, **Yu X**, Gao Y, Wang YP, Zhang HQ, Song D\*. Magnetic solid phase extraction and ultrafast liquid chromatographic detection of Sudan dyes in red berries, juices, and mature vinegar. *J Chromatogr B*. 2012; **85(23)**, 3403-11.
- [9] Ye X, Zhao N, **Yu X**, Gao Y, Zhang X\*. Extensive characterization of flavonoid compounds from panax ginseng cell wall using mass spectrometric approach. *J Chromatogr B*, **1 (21)**, 2780-2786.
- [10] Jiang C, Sun Y, **Yu X**, Gao Y, Zhang L, Wang Y, Zhang H, Song D\*. Application of C18-functional magnetic nanoparticles for extraction of aromatic amines from human urine. *J Chromatogr B*. 2014, **4**, 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. *J Chromatogr B*. 2013; **911**, 10-16.

- (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.

2019:

2018:

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2016:

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2016:

2013:

2011: PPG