 Tian Fajun

 Research Assistant

Innovation Team of Monitoring and Control Technology of Fruit Quality and Safety, ZFRI, CAAS

**Contect**

**Email:** tianfajun@caas.cn

**Tel:** 86-371-65330951

**Add:** South end of Weilai Road, Guanchenghuizu District, Zhengzhou, China

**Research Interests**

Pesticide residues

Pesticide metabolism

Environmental behavior

Processing factor

**Selected Publications**

1. Development and validation of a method for the analysis of five diamide insecticides in edible mushrooms using modified QuEChERS and HPLC-MS/MS.

Food Chemistry

2020 |Journal Article

DOI:10.1016/j.foodchem.2020.127468

1. The fate of thiamethoxam and its main metabolite clothianidin in peaches and the wine-making process.

Food Chemistry

2022 |Journal Article

DOI: 10.1016/j.foodchem.2022.132291

1. Development and validation of a method for the analysis of trifludimoxazin, picarbutrazox and pyraziflumid residues in cereals, vegetables and fruits using ultra-performance liquid chromatography/tandem mass spectrometry.

Microchemical Journal,

2021 |Journal Article

DOI: 10.1016/j.microc.2021.106477

1. Simultaneous determination of spirodiclofen, spiromesifen, and spirotetramat and their relevant metabolites in edible fungi using ultra‑performance liquid chromatography/tandem mass spectrometry.

Scientific Reports

2021|Journal Article

DOI: 10.1038/s41598-021-81013-0

1. Development of a fast multi-residue method for the determination of succinate dehydrogenase inhibitor fungicides in cereals, vegetables and fruits by modified QuEChERS and UHPLC-MS/MS.

Journal of Chromatography B

2020|Journal Article

DOI: 10.1016/j.jchromb.2020.122261

1. Dissipation behavior of prochloraz and its metabolites in grape under open-field, storage and the wine-making process.

Journal of Food Composition and Analysis

2022|Journal Article

DOI: 10.1016/j.jfca.2022.104846

1. Comparison of the effectiveness of thiamethoxam and its main metabolite clothianidin after foliar spraying and root irrigation to control *Myzus persicae* on peach.

Scientific Reports

2022|Journal Article

DOI: 10.1038/s41598-022-20659-w

1. Method development and validation of ten pyrethroid insecticides in edible mushrooms by Modified QuEChERS and gas chromatography-tandem mass

Scientific Reports

2020 |Journal Article

DOI: 10.1038/s41598-020-64056-7

1. The dissipation pattern of spirotetramat and its four metabolites in peaches: Effects of growing conditions, storage and processing factor

Journal of Food Composition and Analysis

2022 |Journal Article

DOI: 10.1016/j.jfca.2023.105319