

## 英文模板



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- 2010 - present Professor, School of Food Science, Jiangnan University, PRC
- 2013 Visiting scholar, University of Georgia, USA
- 2010 - 2011 Visiting scholar, Purdue University, USA
- 2005 - 2010 Associate professor, School of Food Science, Jiangnan University, PRC
- 2004 - 2005 Food Safety Researcher, State Food and Drug Administration of China, PRC

#### Publications

#### \*Correspondence Author

1. Shuang Xia, Pei Zhu, Fuwei Pi, Yinzhi Zhang, Yun Li, Jiasheng Wang, Xiulan Sun\*. Development of a simple and convenient cell-based electrochemical biosensor for evaluating the individual and combined toxicity of DON, ZEN, and AFB1. *Biosensors and Bioelectronics*, 2017, 97: 345-351.
2. Jian Ji, Pei Zhu, Fangchao Cui, Fuwei Pi, Yinzhi Zhang, Yun Li, Jiasheng Wang, Xiulan Sun\*. The antagonistic effect of mycotoxins deoxynivalenol and zearalenone on metabolic profiling in serum and liver of mice. *Toxins*, 2017, 9(1): 28.
3. Min Ma, Fuwei Pi, Jiasheng Wang, Jian Ji, Xiulan Sun\*. New insights into cytotoxicity induced by microcystin-LR, estradiol, and ractopamine with mathematical models: Individual and combined effects. *Chemo Sphere*. 2017, 168: 223-233.
4. Kaiqin Liu, Fuwei Pi, Hongxia Zhang, Jian Ji, Shuang Xia, Fangchao Cui, Jiadi Sun, Xiulan Sun\*. Metabolomics analysis to evaluate the anti-inflammatory effects of polyphenols: glabridin reversed metabolism change caused by LPS in RAW 264.7 cells. *Journal of Agricultural and Food Chemistry*, 2017.
5. Wei Guo, Fuwei Pi, Hongxia Zhang, Jiadi Sun, Yinzhi Zhang, Xiulan Sun\*. A novel molecularly imprinted electrochemical sensor modified with carbon dots, chitosan, gold nanoparticles for the determination of Patulin. *Biosensors and Bioelectronics*, 2017, 98: 299-304.
6. Jian Ji, Pei Zhu, Fangchao Cui, Fuwei Pi, Yinzhi Zhang, Xiulan Sun\*. The disorder metabolic profiling in kidney and spleen of mice induced by mycotoxins deoxynivalenol through gas chromatography mass spectrometry. *Chemosphere*, 2017, 180: 267-274.
7. Jiadi Sun, Ying Li, Fuwei Pi, Jian Ji, Yinzhi Zhang, Xiulan Sun\*. Using fluorescence immunochromatographic test strips based on quantum dots for the rapid and sensitive determination of microcystin-LR. *Analytical and Bioanalytical Chemistry*, 2017, 409(8): 2213-2220.
8. Chao Sun, Pei Zhu, Jian Ji, Jiadi Sun, Lili Tang, Fuwei Pi, Xiulan Sun\*. Role of aqueous chlorine dioxide in controlling the growth of *Fusarium graminearum* and its application on contaminated wheat. *LWT-Food Science and Technology*, 2017, 84: 555-561.
9. Jian Ji, Pei Zhu, Fuwei Pi, Chao Sun, Jiadi Sun, Min Jia, Chen Ying, Yinzhi Zhang, Xiulan Sun\*. Development

of a liquid chromatography-tandem mass spectrometry method for simultaneous detection of the main milk allergens. *Food Control*, 2017, 74: 79-88.

10. Eric Uwimbabaz, Marie Rose Mukasekuru, Xiulan Sun\*. Glucose Biosensor Based on a Glassy Carbon Electrode Modified with Multi-Walled Carbon Nanotubes-Chitosan for the Determination of Beef Freshness. *Food Analytical Methods*, 2017: 1-10.
11. Hui Jiang, Donglei Jiang, Pei Zhu, Fuwei Pi, Jian Ji, Chao Sun, Jiadi Sun, Xiulan Sun\*. A novel mast cell co-culture microfluidic chip for the electrochemical evaluation of food allergen. *Biosensors and Bioelectronics*, 2016, 83:126-133..
12. Xiumei Wang, Pei Zhu, Fuwei Pi, Hui Jiang, Jingdong Shao, Yinzhi Zhang, Xiulan Sun\*. A Sensitive and simple macrophage-based electrochemical biosensor for evaluating lipopolysaccharide cytotoxicity of pathogenic bacteria. *Biosensors and Bioelectronics*, 2016, 81: 349-357.
13. Jian Ji, Jiadi Sun, Fuwei Pi, Shuang Zhang, Chao Sun, Xiumei Wang, Yinzhi Zhang, Xiulan Sun\*. GC-TOF/MS-based metabolomics approach to study the cellular immunotoxicity of deoxynivalenol on murine macrophage ANA-1 cells. *Chemico-Biological Interactions*, 2016, 256:94-101.
14. Chao Sun, Jian Ji, Songling Wu, Changpo Sun, Fuwei Pi, Yinzhi Zhang, Lili Tang, Xiulan Sun\*. Saturated aqueous ozone degradation of deoxynivalenol and its application in contaminated grains. *Food Control*, 2016, 69:185-190.
15. Fangchao Cui, Pei Zhu, Jian Ji, Ivana Blaženović, Morteza Gholamid, Yinzhi Zhang, Xiulan Sun\*. Gas chromatography-mass spectrometry metabolomic study of lipopolysaccharides toxicity on rat basophilic leukemia cells. *Chemico-Biological Interactions*, 2018, 281:81-88.

## Achievements and Honors

1. Member, the committee of Chinese society food microorganism toxin
2. Member, the standardization technical committee of national key product quality supervision inspection methods
3. Editorial board member of *Journal of Nutrition and Food Science*
4. Reviewer of *Journal of food control*, *Talanta*, *Biosensors and Bioelectronics*, et.al