

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
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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: galbridin 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