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硕士生导师

杜甫佑 教授

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杜甫佑, 男, 1975年生, 湖南溆浦, 博士/博士后, 教授, 硕士生导师

一、教育与工作经历:

2010.09-至今 桂林理工大学化学与生物工程学院 应用化学教研室

2012.10-2013.10 University of Waterloo (加拿大) 分析化学 访问学者

2008.10-2010.09 北京大学化学与分子工程学院 分析化学 博士后

2005.09-2008.06 中山大学化学与化学工程学院 分析化学 博士

2002.09-2005.06 华中科技大学生命科学与技术学院 生物化工 硕士

1996.09-2000.06 湖南科技大学化学化工学院 化学 学士

二、主要科研工作:

研究方向主要是色谱-质谱技术、样品前处理技术、生物复杂样品分析等。现主持国家自然科学基金项目2项(21265004和21465008), 广西自然科学基金项目2项(2014GXNSFAA118063和2015GXNSFAA139024); 主持完成国家自然科学基金青年基金项目(No. 20905005)、中国博士后科学基金特别资助金(No. 201003008)、中国博士后科学基金一般项目(No. 20090450231)和广西教育厅项目(No. 201203YB086)各1项; 参与国家自然科学基金、广西自然科学基金创新团队项目、广西高等学校高水平创新团队项目和广西省自然科学基金项目的研究工作。

三、近期代表性论文发表情况:

[1] **Fuyou Du***, Qun Qin, Jianchao Deng, Guihua Ruan, Xianqing Yang, Laihao Li, Jianping Li. Magnetic metal-organic framework MIL-100(Fe) microspheres for the magnetic solid-phase extraction of trace polycyclic aromatic hydrocarbons from water samples. *Journal of Separation Science*, 2016, 39, 2356-2364.

[2] Guihua Ruan*, Zhenwei Wu, Yipeng Huang, Meiping Wei, Rihui Su, **Fuyou Du***. An easily regenerable enzyme reactor prepared from polymerized high internal phase emulsions. *Biochemical and Biophysical Research Communications*, 2016, 473, 54-60.

[3] Yipeng Huang, Zhenwei Wu, Rihui Su, Guihua Ruan*, **Fuyou Du**, Gongke Li. Current application of chemometrics in traditional Chinese herbalmedicine research. *Journal of Chromatography B*, 2016, 1026, 27-35.

[4] **Fuyou Du***, Lin Guo, Qun Qin, Xian Zheng, Guihua Ruan, Jianping Li, Gongke Li. Recent advances in aptamer-functionalized materials in sample preparation. *Trends in Analytical Chemistry*, 2015, 67: 134-146.

[5] Rihui Su, Guihua Ruan*, Honggang Nie, Ting Xie, Yanjie Zheng, **Fuyou Du***, Jianping Li. Development of high internal phase emulsion polymeric monoliths for highly efficient enrichment of trace polycyclic aromatic hydrocarbons. *Journal of Chromatography A*, 1405 (2015) 23-31.

- [6] **Fuyou Du***, Lin Sun, Xian Zheng, Honggang Nie, Lin Guo, Qun Qin, Guihua Ruan*, Jianping Li, High internal phase emulsion polymeric monolith coupled with liquid chromatography–electrospray tandem mass spectrometry for enrichment and sensitive detection of trace cytokinins in plant samples. *Analytical and Bioanalytical Chemistry*, 2015, 407(20), 6071-6079.
- [7] **Fuyou Du***, Xian Zhen, Lin Sun, Qun Qin, Lin Guo, Guihua Ruan*. Development and validation of polymerized high internal phase emulsion monoliths coupled with high-performance liquid chromatography-fluorescence for the determination of trace tetracycline antibiotics in environmental water samples. *Journal of Separation Science*, 2015, 38 (21), 3774-3780.
- [8] Rihui Su, Guihua Ruan, Zhengyi Chen, Fuyou Du and Jianping Li. Application of mercapto-silica polymerized high internal phase emulsions for the solid-phase extraction and preconcentration of trace lead(II), 2015, 38 (24), 4262-4268.
- [9] Fuyou Du, Md. Nazmul Alam, Janusz Pawliszyn. Aptamer-functionalized solid phase microextraction-liquid chromatography/tandem mass spectrometry for selective enrichment and determination of thrombin. *Analytica Chimica Acta*, 2014, 845: 45-52.
- [10] Yu Bai, Cuilan Chang, **Fuyou Du**, Zhijing Tan, Yu Bai, Huwei Liu. Combination of dynamic pH junction with capillary electrophoresis-mass spectrometry for the determination of systemins in plant samples. *Electrophoresis*, 2014, 35: 1984-1988.
- [11] Guihua Ruan, Meiping Wei, Zhengyi Chen, Rihui Su, **Fuyou Du**, Yanjie Zhen. Novel regenerative large-volume immobilized enzyme reactor: Preparation, characterization and application. *Journal of Chromatography B*, 2014, 967: 13-20.
- [12] Zhengyi Chen, Yongle Li, Shuhai Lin, Meiping Wei, **Fuyou Du**, Guihua Ruan. Development of continuous microwave-assisted protein digestion with immobilized enzyme. *Biochemical and Biophysical Research Communications*, 2014, 445: 491-496
- [13] Guihua Ruan, Zhengyi Chen, Meiping Wei, Yuhua Liu, Haiyun Li, **Fuyou Du**. The study on microwave assisted enzymatic digestion of ginkgo protein. *Journal of Molecular Catalysis B: Enzymatic*, 2013, 94: 23-28.
- [14] **Fuyou Du***, Guihua Ruan, Shenghua Liang, Fuwei Xie, Huwei Liu. Monolithic molecularly imprinted solid-phase extraction for the selective determination of trace cytokinins in plant samples with liquid chromatography-electrospray tandem mass spectrometry. *Analytical and Bioanalytical Chemistry*, 2012, 404 (2): 489-501.
- [15] **Fuyou Du***, Guihua Ruan, Huwei Liu. Analytical methods for tracing plant hormones. *Analytical and Bioanalytical Chemistry*, 2012, 403 (1): 55-74.
- [16] Yu Bai, **Fuyou Du**, Youyou Yang, Yu Bai, Huwei Liu. In-capillary non-covalent labeling and determination of tomato systemin with quantum dots in capillary electrophoresis with laser-induced fluorescence detection. *Journal of Separation Science*, 2011, 34 (20): 2893-2900.
- [17] Yehua Han, Yu Bai, Yiling Xiao, **Fuyou Du**, Yuan Liang, Zhijing Tan, Meiping Zhao, Huwei Liu. Simultaneous discrimination of jasmonic acid stereoisomers in wounded tobacco leaves by CE-TOF MS employing the partial filling technique. *Electrophoresis*, 2011, 32 (19): 2693-2699.
- [18] **Du Fu-You**, BAI Yu, BAI Yu, LIU Hu-Wei. Mass Spectrometric Fragmentation Mechanism and Chromatographic Retention for Polypeptide Hormones Systemins and Its Analogues. *Chinese Journal of Analytical Chemistry*, 2011, 39 (8): 1147-1152.
- [19] **Fuyou Du**, Yu Bai, Yu Bai, Huwei Liu. Quantitative Detection of Trace Systemins in Solanaceous Plants by Immunoaffinity Purification Combined with Liquid Chromatography/Electrospray Quadrupole Time-of-Flight Mass Spectrometry. *Analytical Chemistry*, 2010, 82 (22), 9374-9383.
- [20] Yu Bai, **Fuyou Du**, Yu Bai, Huwei Liu. Determination strategies of phytohormones: recent advances. *Analytical Methods*, 2010, 2 (12), 1867-1873.
- [21] **Fu-You Du**, Xiao-Hua Xiao, Gong-Ke Li. Ionic liquid aqueous solvent-based microwave-assisted hydrolysis for the extraction and HPLC determination of myricetin and quercetin from *Myrica rubra* leaves. *Biomedical Chromatography*, 2011, 25 (4): 472-478.
- [22] **Fu-You Du**, Pan-Pan Xu, Xiao-Hua Xiao, Gong-Ke Li. Ionic Liquid-Based Microwave-Assisted Extraction and HPLC Analysis of Dehydrocavidine in *Corydalis saxicola* Bunting. *Acta Chromatographica*. 2010, 22 (3), 459-471.
- [23] **Fu-You Du**, Xiao-Hua Xiao, Xue-Jun Luo, Gong-Ke Li. Application of ionic liquids in the microwave-assisted extraction of polyphenolic compounds from medicinal plants. *Talanta*, 2009, 78 (3): 1177-1184.
- [24] **Fu-You Du**, Xiao-Hua Xiao, Gong-Ke Li. Application of ionic liquids in the microwave-assisted extraction of trans-resveratrol from *Rhizma Polygoni Cuspidati*. *Journal of Chromatography A*, 2007, 1140 (1-2): 56-62.

四、联系方式:

通讯地址: 广西桂林市建干路12号, 桂林理工大学化学与生物工程学院 (541004)

电话: 0773- 2538431

E-mail: dufu2005@126.com

上一篇: 孔翔飞 教授

下一篇: 尚伟 教授

【关闭】

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桂林屏风校区 地址：桂林市七星区建干路12号 邮编：541004 电话：0773-5898551
桂林雁山校区 地址：桂林市雁山区雁山街319号 邮编：541006 电话：0773-8996098