

王进义

网站简介链接地址:

<http://lxy.nwsuaf.edu.cn/a/xueshuhuodong/jiaoshijieshao/2010/0820/308.html?1320226389>

王进义, 男, 汉族, 甘肃甘谷人, 1969年12月出生, 博士, 教授, 博士生导师。陕西省优秀留学回国人员, 教育部新世纪优秀人才支持计划入选者。

教育背景

2004年—2006年: 博士后, 美国加州大学洛杉矶分校

2002年—2004年: 博士后, 中国科学院上海有机化学研究所

1997年—2002年: 博士, 兰州大学 (硕博连读)

1989年—1993年: 学士, 北京化工大学

研究方向

微纳米尺度生命分析技术、方法及应用; 微流控芯片

近年发表部分论文(IF>5.0)

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4. L. Ren, J. -C. Wang, W. Liu, Q. Tu, R. Liu, X. Wang, J. Xu, Y. Wang, Y. Zhang, L. Li, J. Wang. An enzymatic immunoassay microfluidics integrated with membrane valves for microsphere retention and reagent mixing. *Biosens. Bioelectron.* 2012, 35, 147 - 154.
5. Y. Zhang, L. Ren, Q. Tu, X. Wang, R. Liu, L. Li, J. -C. Wang, W. Liu, J. Xu, J. Wang. Fabrication of reversible poly(dimethylsiloxane) surfaces via host - guest chemistry and their repeated utilization in cardiac biomarker analysis. *Anal. Chem.* 2011, 83, 9651 - 9659.
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7. P. Sun, Y. Liu, J. Sha, N. Song, Q. Tu, P. Chen, J. Wang. High - throughput microfluidic system for long - term bacterial colony monitoring and antibiotic testing in zero - flow environments. *Biosens. Bioelectron.* 2011, 26, 1993 - 1999.
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- nanoparticles for chemically and physically combined paclitaxel loading and targeted delivery. *Biomacromolecules* 2011, 12, 228 - 234.
9. X. Wang, L. Ren, Q. Tu, J. C. Wang, Y. Zhang, J. Wang. Magnetic protein microbead-aided indirect fluoroimmunoassay for the determination of canine virus specific antibodies. *Biosens. Bioelectron.* 2011, 26, 3353 - 3360.
10. L. Yang, L. Li, Q. Tu, L. Ren, Y. Zhang, X. Wang, Z. Zhang, W. Liu, X. Liang, J. Wang. Photocatalyzed surface modification of poly(dimethylsiloxane) with polysaccharides and assay of their protein adsorption and cytocompatibility. *Anal. Chem.* 2010, 82, 6430 - 6439.
11. W. Liu, L. Li, X. M. Wang, L. Ren, X. Wang, J. C. Wang, Q. Tu, X. Huang, J. Wang. An integrated microfluidic system for studying cell-microenvironmental interactions versatily and dynamically. *Lab Chip* 2010, 10, 1717 - 1724.
12. J. Wang, X. Wang, L. Ren, Q. Wang, L. Li, W. Liu, Z. Wan, L. Yang, P. Sun, L. L. Ren, M. Li, H. Wu, J. F. Wang, L. Zhang. Conjugation of biomolecules with magnetic protein microspheres for the assay of early biomarkers associated with acute myocardial infarction. *Anal. Chem.* 2009, 81, 6210 - 6217.
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15. J. Wang, Z. Wan, W. Liu, L. Li, L. Ren, X. Wang, P. Sun, L. i Ren, H. Zhao, Q. Tu, Z. Zhang, N. Song, L. Zhang. Atomic force microscope study of tumor cell membranes following treatment with anticancer drugs. *Biosens. Bioelectron.* 2009, 25, 721 - 727.
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18. Ju. Wang, Y. L. Bunimovich, G. Sui, S. Savvas, J. Wang, Y. Guo, J. R. Heath, H. -R. Tseng. Electrochemical fabrication of conducting polymer nanowires in an integrated microfluidic system. *Chem. Commun.* 2006, 29, 3075 - 3077.

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