

[设为首页](#) [收藏本站](#) [返回旧站](#)

请输入关键字搜索...

[首页](#) [学院概况](#) [学院机构](#) [新闻中心](#) [师资队伍](#) [人才培养](#) [科学研究](#) [党建工作](#) [学生工作](#) [招生就业](#) [职工之家](#) [校友天地](#) [下载专区](#)

学科建设

[\[信息库\]](#) >> [副教授及其他副高](#) >> [张英](#)

张英

[\[化学与环境工程学院\]](#) [\[手机版\]](#) [\[扫描分享\]](#) 发布时间: 2018年10月15日 查看:867 来源:



职称与学历： 副教授、硕士

专 业： 分析化学

电 话： 13558926845

E-mail: zhyrw@163.com

简 介

2006年获西南大学分析化学硕士学位；西南大学物理化学专业在读博士。主要从事光谱分析研究，在生物标志物、环境污染物等领域开展分析检测研究工作。主持地厅级科研项目2项，参研省部级和地厅级项目4项。在Biosensors and Bioelectronics、Analytical Chemistry、NPG Asia Materials、Journal of Hazardous Materials, Sensors and Actuators B: Chemical等学术期刊上发表影响因子>5的SCI收录论文10余篇。高校教学经历12年，主要从事分析化学、无机化学等课程教学及化学专业毕业论文指导工作。

承 担 项 目

1. 四川省教育厅青年基金项目（主持1项，已结题）
2. 四川省高校重点实验室（绿色催化）项目（主持1项，参研2项，已结题）
3. 四川省青年千人项目（参研，50万元）
4. 自贡市科技局重点项目（参研，3万元）
5. 四川理工学院人才引进项目（参研，15万元）

代表性学术论文(SCI收录)

- (1) **Y. Zhang**, W. Ren, H. Q. Luo, N. B. Li, Label-free cascade amplification strategy for sensitive visual detection of thrombin based on target-triggered hybridization chain reaction-mediated in situ generation of DNAzymes and Pt nanochains. *Biosensors and Bioelectronics* 2016, 80, 463-470. **IF 8.173**
- (2) **Y. Zhang**, W. Ren. Carbon nanosphere-functionalized grapheme nanosheets for sensing biomolecules based on platinum nanoflower labeling. *Anal. Methods*, 2013, 5, 3379-3385.
- (3) **Y. Zhang**, W. Ren, S. Zhang. Simultaneous Determination of Epinephrine, Dopamine, Ascorbic Acid and Uric Acid by Polydopamine-nanogold Composites Modified Electrode. *Int. J. Electrochem. Sci.* 2013, 8, 6839-6850.

- (4) W. Ren, **Y. Zhang**, H. G. Chen, Z. F. Gao, N. B. Li, H. Q. Luo. Ultrasensitive Label-Free Resonance Rayleigh Scattering Aptasensor for Hg^{2+} Using Hg^{2+} -Triggered Exonuclease III-Assisted Target Recycling and Growth of G-wires for Signal Amplification. *Analytical Chemistry* 2016, 88, 1385-1390. **IF 6.042**, 引用46次.
- (5) Y. Z. Fan, **Y. Zhang**, N. Li, S. G. Liu, T. Liu, N. B. Li, H. Q. Luo. A facile synthesis of water-soluble carbon dots as a label-free fluorescent probe for rapid, selective and sensitive detection of picric acid. *Sensors and Actuators B-Chemical* 2017, 240, 949-955. **IF 5.667**, SCI引用40次, 高被引论文.
- (6) W. Ren, **Y. Zhang**, W. T. Huang, N. B. Li, H. Q. Luo. Label-free colorimetric detection of Hg^{2+} based on Hg^{2+} -triggered exonuclease III-assisted target recycling and DNAzyme amplification. *Biosensors and Bioelectronics*, 2015, 68, 266-271. **IF 8.173**
- (7) W. Ren, **Y. Zhang**, Y. Z. Fan, J. X. Dong, N. B. Li, H. Q. Luo. A resonance Rayleigh scattering sensor for detection of Pb^{2+} ions via cleavage-induced G-wire formation. *J. Hazard. Mater.* 2017, 336, 195-201. **IF 6.208**.
- (8) W. Ren, **Y. Zhang***, M. Li. Sensitive Determination of Zn^{2+} , Cd^{2+} and Pb^{2+} at Electrochemically Reduced Nanoporous Graphene Oxide/Bismuth Film Electrode *Int. J. Electrochem. Sci.* 2018, 13(2): 1331-1342
- (9) J. X. Dong, Z. F. Gao, **Y. Zhang**, B. L. Li, W. Zhang, L. J. Lei, N. B. Li, H. Q. Luo. The pH-switchable agglomeration and dispersion behavior of fluorescent Ag nanoclusters and its applications in urea and glucose biosensing. *NPG Asia Materials* 2016, 8, e335 **IF 7.208**.
- (10) J. X. Dong, Z. F. Gao, **Y. Zhang**, B. L. Li, N. B. Li, H. Q. Luo. A selective and sensitive optical sensor for dissolved ammonia detection via agglomeration of fluorescent Ag nanoclusters and temperature gradient headspace single drop microextraction. *Biosensors and Bioelectronics* 2017, 91:155-161. **IF 8.173**
- (11) W. Ren, L. Y. Zhou, **Y. Zhang**, N. B. Li, H. Q. Luo. A Reusable and label-free Supersandwich Biosensor for Sensitive DNA Detection by Immobilizing Target- Triggered DNA Concatamers on Ternary Self-assembled Monolayer. *Sensors and Actuators B-Chemical* 2016, 233, 24-29. **IF 5.667**
- (12) C. Ye, M. Q. Wang, Z. F. Gao, **Y. Zhang**, L. J. Lei, H. Q. Luo, N. B. Li. Ligating Dopamine as Signal Trigger onto the Substrate via Metal Catalyst-Free Click Chemistry for "Signal-On" Photoelectrochemical Sensing of Ultralow MicroRNA Levels. *Analytical Chemistry* 2016, 88 (23), 11444-11449. **IF 6.0426**
- (13) T. Liu, N. Li, J. X. Dong, **Y. Zhang**, Y. Z. Fan, S. M. Lin, H. Q. Luo, N. B. Li. A colorimetric and fluorometric dual-signal sensor for arginine detection by inhibiting the growth of gold nanoparticles/carbon quantum dots composite. *Biosensors and Bioelectronics* 2017, 87, 772-778. **IF 8.173**

人生信条

认认真真做事，踏踏实实做人。



(微信扫码分享)

编辑: admin

打印本页



地址: 四川·自贡·四川轻化工大学·化学与环境工程学院 邮编: 643000 电话: 0813-5505605
您是第 **347618** 位访客

Copyright @ 2003-2016 SUSE 四川轻化工大学 版权所有 蜀ICP备15008570号-1