叶邦策博士、“长江”特聘教授、博士生导师

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| 叶邦策 | 石河子大学化学化工学院教授，教育部“长江学者计划”特聘教授（2014年，分析化学学科），中国生物医药协会生物芯片委员会委员，中国仪器仪表学会分析仪器分会第六届化学传感器专业委员会委员，全国生化检测标准化技术委员会委员，上海市生物信息学学会理事。2006年入选上海曙光计划，2007年入选教育部新世纪优秀人才支持计划，2011年入选上海市优秀学科带头人计划， 2010-2011年度受聘上海科技发展重点领域技术预见专家。主要从事生物分析及生物传感、分析生物技术及生物系统工程等研究。2006年荣获浙江省科技进步三等奖， 2007年荣获明治乳业生命科学奖， 2008年荣获上海市技术发明二等奖。***Biotechnology & Applied Biochemistry***期刊副主编**，*Biotechnology Journal***编委。近年来在***Angew Chem Int Ed, J Am Chem Soc, J Biol Chem, Anal Chem, Chem Comm, Proc Natl Acad Sci USA, Chem Eur J, Biosens & Bioelectron***等期刊发表SCI论文近100篇，他引1500次以上；英文著作1本“Nano-Bio Probe Design and Its Application for Biochemical Analysis. ISBN 978-3-642-29542-3. Springer, 2012”；申请中国发明专利19项，其中获授权8项；申请美国专利及PCT专利各1项。已培养博士研究生6名、硕士研究生29名。 |

**主要研究方向**

**(A) 生物分析及生物传感**

生物分析及生物传感高灵敏新方法的基础理论和应用研究（临床诊断、食品安全及环境检测）。

**(B) 分析生物技术及生物系统工程**

基于基因组、转录组、蛋白组等系统生物技术和细胞内活性分子原位检测方法，开展微生物转录调控、合成生物工程研究（工业微生物及环境微生物）。

**2008年以来发表的代表性论文**

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**近年承担的国家级科技项目**

1. 新型疾病分子标志物循环miRNA分离富集、高灵敏检测新技术研究，国家自然科学基金重点项目
2. 管式流动生物芯片分析仪的研究开发，国家自然科学基金仪器专项
3. 红霉糖多孢菌转录因子PhoP调控网络构建及其参与红霉素合成代谢调控的研究，国家自然科学基金面上项目
4. 寡核苷酸分子/石墨烯界面作用机制研究及功能传感器件设计，国家自然科学基金面上项目
5. 基于微生物组学关联分析的生物反应过程优化研究，国家自然科学基金面上项目
6. 工业生物过程生物信息数据库及分析平台构建，国家863项目
7. 食品违禁添加物和有害物质检测新技术研究，教育部科技研究重大项目
8. 基于组学生物信息相关分析的微生物反应过程优化研究，教育部新世纪优秀人才支持计划