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[国家教学名师](#)
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研究生导师

师资力量

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	研究方向：生物质资源利用	
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教育与研究经历

2006年获武汉大学博士学位，博士毕业后赴美国马里兰大学进行生物芯片研究，2010年进入武汉大学工作。

研究领域与兴趣

生物质资源的高值化利用和材料开发工作

教学情况

承担项目与课题

现主持国家自然科学基金、教育部优秀人才计划、武汉市创新人才等项目，参与国家973项目、国家重点项目及美国国家自然科学基金部等资助项目。

代表性成果

近5年发表论文SCI论文近30篇，获授权中国发明专利3项，并申请美国发明专利3项。

代表论文：

1. S. Li, K. Bi, L. Xiao, and X. W. Shi*, 'Facile Preparation of Magnetic Metal Organic Frameworks Core-Shell Nanoparticles Stimuli-Responsive Drug Carrier', Nanotechnology, 28 (2017).
2. S. Li, L. Xiao*, H. B. Deng, X. W. Shi*, and Q. H. Cao, 'Remote Controlled Drug Release from Multi-Functional Fe₃O₄/Go/Chitosan Microspheres Fabricated by an Electrospray Method', Colloids and Surfaces B-Biointerfaces, 162 (2017), 474-479.
3. Y. K. Long, L. Xiao*, Q. H. Cao, X. W. Shi*, and Y. N. Wang, 'Efficient Incorporation of Diverse Components into MOF Frameworks Via Metal Phenolic Networks', Chemical Communications, 53 (2017), 10831-34.
4. P. K. Zhao, Y. N. Zhao, L. Xiao, H. B. Deng, Y. M. Du, Y. Chen*, and X. W. Shi*, 'Electrodeposition to Construct Free-standing Chitosan/Layered Double Hydroxides Hydro-Membrane for Electrically Triggered Protein Release', Colloids and Surfaces B-Biointerfaces, 158 (2017), 474-479.
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10. E. Kim, Y. Xiong, Y. Cheng, H.-C. Wu, Y. Liu, B.H. Morrow, H. Ben-Yoav, R. Ghodssi, G.W. Rubloff, J. Shen, W.E. Bentley, G.F. Payne*, Chitosan to Connect Biology to Electronics: Fabricating the Bio-Device Interface and Communicating Interface, *Polymers*, 2015, 7, 1-46.
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奖励与荣誉

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