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院仪器开发高级工程师。研究方向为纳米孔单分子测序、蛋  
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2012-2014 年师从夏焕章教授进行微生物次级代谢产  
物调控及其生物合成的相关研究。2014-2019 年，在  
Peixuan Guo 教授实验室从事纳米孔单分子测序及其病毒马  
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发积累了丰富的经验。先后参与了多项项目，在 Small、Biomaterials 等国际学术期刊发表文章 10 多篇。

代表性文章：

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- [2] Ji Z, Guo P. Channel from bacterial virus T7 DNA packaging motor for the differentiation of peptides composed of a mixture of acidic and basic amino acids[J]. Biomaterials, 2019, 214: 119222.
- [3] Ji Z, Kang X, Wang S, et al. Nano-channel of viral DNA packaging motor as single pore to differentiate peptides with single amino acid difference[J]. Biomaterials, 2018, 182: 227-233.
- [4] Ji Z, Wang S, Zhao Z, et al. Fingerprinting of peptides with a large channel of bacteriophage Phi29 DNA packaging motor[J]. Small, 2016, 12(33): 4572-4578.