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<b>个人简况</b>		
2003.9-2007.6 南京师范大学化学与环境科学学院 本科		
2007.9-2013.2 中国科学院长春应用化学研究所 理学博士		
2013.4-2016.9 德国亥姆霍兹联合会于利希研究中心 洪堡学者		
2016.10-至今 上海大学材料基因组工程研究院 教授/东方学者		
<b>研究方向</b>		
高通量材料制备 生物功能材料及其光/电化学应用 分子识别及生物传感器设计 高通量催化装备研发		
<b>代表性成果</b>		
<b>主要业绩：</b>		
截止2018年2月份，在Angew. Chem. Int. Ed., Adv. Mater., Nano. Lett., Biomaterials, Nucleic Acid Res.,等学术刊物上发表论文共31篇，其中一篇荣获2013年度“中国百篇最具影响国际学术论文”，三篇文章被选为ESI “Highly Cited Paper”，一篇Chem. Commun. 封面文章。文章累计被引1483次，H因子16。		
<b>主要奖励和荣誉：</b>		
2017年 上海市青年科技英才扬帆计划		
2016年 上海高校特聘教授（东方学者）		
2013年 德国亚历山大·洪堡基金会博士后奖学金		
2013年 中国百篇最具影响国际学术论文		
2012年 中国科学院院长优秀奖		
2011年 中国科学院研究生院化学学术论坛口头报告一等奖		
<b>代表性论文：</b>		
1. Miranda, G. F.; <b>Feng, L. Y.*</b> ; Shiu, S.; Dirkzwager, R.; Cheung, Y.; Tanner, J. A.; Schöning, M. J.; Offenhäusser, A. Mayer, D.; Aptamer-based electrochemical biosensor for highly sensitive and selective malaria detection with adjustable dynamic response range and reusability. <i>Sensor. Actuat. B - Chem.</i> , 2018, 255, 235-243. (通讯作者)		
2. <b>Feng, L. Y.*</b> ; Wu, L.; Xing, F.; Hu, L.; Ren, J. S.; Qu, X. G., Novel electrochemiluminescence of silver nanocluster fabricated on triplex DNA scaffolds for label-free detection of biothiols. <i>Biosens. Bioelectron.</i> , 2017, 98, 378-385. (通讯作者)		
3. Fu, W.; <b>Feng, L. Y.</b> ; Panaitov, G.; Kireev, D.; Mayer, D.; Offenhäusser, A.; Krause, H., Low noise, refreshable graphene electronic biosensors. <i>Sci. Adv.</i> , 2017, 3, e1701247.		

4. **Feng, L. Y.**; Lyu, Z. Z.; Offenhäusser, A.; Mayer, D., Electrochemically triggered aptamer immobilization via click reaction for vascular endothelial growth factor detection. *Eng. Life Sci.*, 2016, *16*(6), 550-559.
5. **Feng, L. Y.**; Sun, H.; Ren, J. S.; Qu, X. G., Carbon dots-decorated TiO<sub>2</sub> nanotubes arrays used for photo/voltage-induced organic pollutants degradation and inactivation of bacteria. *Nanotechnology*, 2016, *27* (11), 115301.
6. Fu, W. Y.; **Feng, L. Y.**; Mayer, D., Panaitov, G., Kireev, D., Offenhäusser, A.; Krause, H., Electrolyte-gated graphene ambipolar frequency multipliers for biochemical sensing. *Nano Lett.*, 2016, *16*(4), 2295-2300.
7. **Feng, L. Y.**; Lyu, Z. Z.; Offenhäusser, A.; Mayer, D., Multi-level logic gate operation based on amplified aptasensor performance. *Angew. Chem. Int. Ed.*, 2015, *54*, 7693-7697.
8. **Feng, L. Y.**; Li, W.; Ren, J. S.; Qu, X. G., Electrochemically and DNA-triggered cell release from ferrocene/ $\beta$ -cyclodextrin and aptamer modified dual-functionalized graphene substrate. *Nano. Res.*, 2015, *8*, 887-899.
9. **Feng, L. Y.**; Wu, L.; Qu, X. G., New horizons for diagnostics and therapeutic applications of graphene and graphene oxide. *Adv. Mater.*, 2013, *25*, 168-186. (ESI高被引论文)
10. **Feng, L. Y.**; Zhao, A.; Ren, J. S.; Qu, X. G., Lighting up left-handed Z-DNA: photoluminescent carbon dots induce DNA B to Z transition and perform DNA logic operations. *Nucleic Acids Res.*, 2013, *41*, 7987-7996.
11. **Feng, L. Y.**; Wu, L.; Wang, J. S.; Ren, J. S.; Miyoshi, D.; Sugimoto, N.; Qu, X. G., Detection of a prognostic indicator in early-stage cancer using functionalized graphene-based peptide sensors. *Adv. Mater.*, 2012, *1*, 125-131.
12. **Feng, L. Y.**; Huang, Z.; Ren, J. S.; Qu, X. G., Toward site-specific, homogeneous and highly stable fluorescent silver nanoclusters fabrication on triplex DNA scaffolds. *Nucleic Acids Res.*, 2012, e122.
13. **Feng, L. Y.**; Zhao, C.; Xiao, Y.; Wu, L.; Ren, J. S.; Qu, X. G., Electrochemical DNA three-way junction based sensor for distinguishing chiral metallo-supramolecular complexes. *Chem. Commun.*, 2012, *48*, 6900-6902. (封面论文)
14. **Feng, L. Y.**; Xu, B.; Ren, J. S.; Zhao, C.; Qu, X. G., A human telomeric DNA-based chiral biosensor. *Chem. Commun.*, 2012, *48*, 9068-9070.
15. **Feng, L. Y.**; Chen, Y.; Ren, J. S.; Qu, X. G., A graphene functionalized electrochemical aptasensor for selective label-free detection of cancer cells. *Biomaterials*. 2011, *32*, 2930-2937. (ESI高被引论文)