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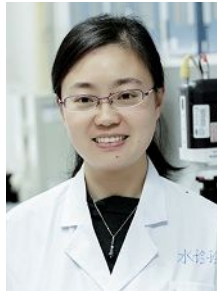
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## Lingling SHUI (水玲玲)

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**Lingling SHUI, Professor**  
**Vice Dean of South China Academy of Advanced Optoelectronics**  
 水玲玲, 教授, 博士/硕士生导师 华南先进光电子研究院副院长

### Summary (简介)

**Areas of working:** Her research interest is to promote the microfluidic technologies for applications in sensing, display and micro-total-analysis-system.

- 研究领域:** 围绕微流控在传感、显示和微全分析领域应用重大需求, 针对微流控基本单元, 开展两相微纳流体基本特性、流体控制以及微纳液滴研究; 提出基于电子回路的超低速流体控制方法; 采用薄膜晶体管实现高通量电润湿数字微流控; 提出界面性能决定的高通量微纳液滴制备方法; 开展基于液滴/纳米颗粒平台的应用以及基于微流控原理的新型印刷技术研发。
- **Scientific achievements:** >50 SCI article, 2 book chapters, 52 patents, 1 technology transfere.
  - **学术成果:** 发表SCI论文50多篇; 专著独立章节2章; 申请/授权专利52件, 实现技术转化1项;
  - **Projects:** Lead 8 key projects including 3 from NSFC, 1 from MOST, 4 from Guangdong Science and Technology Department.
  - **主持项目:** 主持科技项目8项(包括国家自然科学基金项目3项, 国家重点研发计划课题1项, 广东省重大科技专项等);
  - **Other activities:** Guest editor of Lab on a Chip for the special issue of "Optofluidics" in 2015, organize one conference of "Optofluidics2014", organization committee of Optofluidics 2015, 2016 and Electrowetting 2016.
  - **其他学术活动:** 担任Lab on a Chip杂志客座编辑, 主办国际学术会议1次, 任2个国际会议组委会委员; 国际学术会议邀请报告20多次。
  - **Prizes and Awards:** Oversea Outstanding Young Scholar (2010), "Yue Mu Mian" Cup for Women Researchers (2014), Excellent Master graduate of Shandong Province (2003), Excellent Bachelor graduate of Shandong University (2000), Presidential scholarship of Shandong University (2001), Panasonic scholarship (1998)
  - **奖项:** 2015年获广东省科教文卫组织“粤木棉”奖, 2014年获广东省“杰出女科学工作者”称号, 2008年获中国政府优秀自费留学生奖学金, 2003年获评山东大学优秀硕士毕业生, 2000年被评为山东大学优秀本科毕业生, 1998年松下奖学金。

### Detailed Information (详细信息)

Study and Work Experience 学习和工作经历)

2012.10- now Professor, South China Normal University, Guangzhou, China  
 2012.10-现在 教授, 华南师范大学, 广州, 中国 [www.aoe.scnu.edu.cn](http://www.aoe.scnu.edu.cn)

2009.04-2012.04 Postdoc researcher, University of Twente, Enschede, the Netherlands  
 2009.04-2012.04 博士后研究员, 荷兰特文特大学MESA+纳米技术研究所 [www.utwente.nl](http://www.utwente.nl)

2005.04-2009.03 PhD, University of Twente, Enschede, the Netherlands  
 2005.04-2009.03 博士研究生, 荷兰特文特大学MESA+纳米技术研究所 [www.utwente.nl](http://www.utwente.nl)

2003.09-2004.07 Master in Food Science and Technology, UGent & K U Leuven, Belgium  
 2003.09-2004.07 硕士研究生(食品科学与技术), 比利时根特大学&鲁汶大学 [www.ugent.be](http://www.ugent.be) & [www.kuleuven.be](http://www.kuleuven.be)

2000.09-2003.07 Master in Colloid and Interface Chemistry, Shandong University, Jinan, China  
 2000.09-2003.07 硕士研究生(胶体与界面化学教育部重点实验室), 山东大学 [www.sdu.edu.cn](http://www.sdu.edu.cn)

2000.09-2003.07 Bachelor in Chemistry, Shandong University, Jinan, China  
 1996.09-2000.07 学士(化学与化工学院), 山东大学 [www.sdu.edu.cn](http://www.sdu.edu.cn)

**Academic Activities (学术科研活动)**

Guest Editor of Lab on a Chip Journal on special issue of "Optofluidics" in 2015.  
 Technical Committee of Electrowetting 2016, Taipei, Taiwan  
 Technical Committee of Optofluidics 2016, Beijing, China  
 Conference Organizer and Chair of Optofluidics 2014, Guangzhou, China  
 Session Chair of Optofluidics 2015, Taipei, Taiwan  
 Session Chair of AMN2015, Beijing, China  
 科研成果 (Scientific Achievements)

**- Contribution to Book Chapters (专著独立章节)**

1. Mingliang Jin, Guofu Zhou, Lingling Shui\*, "Advanced Materials for Reflective Displays" in the book of "Design, Fabrication, Properties and Applications of Smart and Advanced Materials", ISBN: 978-1-4987-2249-0, Page: 460-487 (2016).
2. Lingling Shui, Jan C. T. Eijkel, Albert van den Berg, "Pressure Driven two phase flows", *Encyclopedia of Microfluidics and Nanofluidics*, ISBN: 978-0-387-32468-5, Page: 1736-1742 (2008).

**- Refereed Journal Articles (发表论文)**

1. Wang, Juan, Mingliang Jin, Yingxin Gong, Hao Li, Sujuan Wu, Zhang Zhang, Guofu Zhou, Lingling Shui\*, Jan C. T. Eijkel and Albert van den Berg, *Continuous fabrication of microcapsules with controllable metal covered nanoparticle arrays using droplet microfluidics for localized surface plasmon resonance*. Lab on a Chip, 2017. **17**: p. 1970-1979.
2. Lingling Shui\*, Robert A. Hayes, Mingliang Jin, Xiao Zhang, Pengfei Bai, Albert van den Berg and Guofu Zhou, *Microfluidics for electronic paper-like displays*. Lab on a Chip, 2014. **14**(14): p. 2374-2384.
3. Lingling Shui\*, Albert van den Berg and Jan C. T. Eijkel, *Interfacial tension controlled W/O and O/W 2-phase flows in microchannel*. Lab on a Chip, 2009. **9**(6): p. 795-801.
4. Lingling Shui, Sumita Pennathur, Jan C. T. Eijkel and Albert van den Berg, *Multiphase flow in lab on chip devices: A real tool for the future*. Lab on a Chip, 2008. **8**(7): p. 1010-1014.
5. Arayanarakool, Rerngchai, Lingling Shui, Serve W. M. Kengen, Albert van den Berg and Jan C. T. Eijkel, *Single-enzyme analysis in a droplet-based micro- and nanofluidic system*. Lab on a Chip, 2013. **13**(10): p. 1955-1962.
6. Marin, A. G., W. van Hoeve, P. Garcia-Sanchez, Lingling Shui, Y. B. Xie, M. A. Fontelos, J. C. T. Eijkel, A. van den Berg and D. Lohse, *The microfluidic Kelvin water dropper*. Lab on a Chip, 2013. **13**(23): p. 4503-4506.
7. Xie, Yanbo, John D. Sherwood, Lingling Shui, Albert van den Berg and Jan C. T. Eijkel, *Strong enhancement of streaming current power by application of two phase flow*. Lab on a Chip, 2011. **11**(23): p. 4006-4011.
8. Juan Wang, Jan Eijkel, Mingliang Jin, Shuting Xie, Dong Yuan, Guofu Zhou, Albert van den Berg and Lingling Shui\*, *Microfluidic Fabrication of Responsive Hierarchical Microscale Particles from Macroscale Materials and Nanoscale Particles*. Sensors and Actuators B-Chemical, 2017, **247**: 78-91.
9. Lina, Zhou, Cao Yujuan, Lin Bixia, Song Shuhua, Yu Ying\* and Shui Lingling\*, *In-situ visual and ultrasensitive detection of phosmet using a fluorescent immunoassay probe*. Sensors and Actuators B-Chemical, 2017. **241**: p. 915-922.
10. Lingling Shui\*, Jan C. T. Eijkel and Albert van den Berg, *Multiphase flow in micro- and nanochannels*. Sensors and Actuators B-Chemical, 2007. **121**(1): p. 263-276.
11. Jin, Mingliang, Yunfei Zhu, Albert van den Berg, Zhang Zhang, Guofu Zhou and Lingling Shui\*, *Wafer-scale fabrication of high-density nanoslit arrays for surface-enhanced Raman spectroscopy*. Nanotechnology, 2016. **27**(49): p. 49LT01-49LT01.
12. Jin, Mingliang, Xia Liu, Albert van den Berg, Guofu Zhou and Lingling Shui\*, *Ultrasensitive DNA detection based on two-step quantitative amplification on magnetic nanoparticles*. Nanotechnology, 2016. **27**(33).
13. Lingling Shui, Johan G. Bomer, Mingliang Jin, Edwin T. Carlen and Albert van den Berg, *Microfluidic DNA fragmentation for on-chip genomic analysis*. Nanotechnology, 2011. **22**(49).
14. Lingling Shui\*, E. Stefan Kooij, Daniel Wijnperle, Albert van den Berg and Jan C. T. Eijkel, *Liquid crystallography: 3D microdroplet arrangements using microfluidics*. Soft Matter, 2009. **5**(14): p. 2708-2712.
15. Tsai, Peichun, Maurice H. W. Hendrix, Remko R. M. Dijkstra, Lingling Shui and Detlef Lohse, *Microscopic structure influencing macroscopic splash at high Weber number*. Soft Matter, 2011. **7**(24): p. 11325-11333.
16. Li, Lanhui, Mingliang Jin, Chenglong Sun, Xiaoxue Wang, Shuting Xie, Guofu Zhou, Albert Van den Berg, Jan C. T. Eijkel and Lingling Shui\*, *High Efficiency Hydrodynamic DNA Fragmentation in a Bubbling System*. Scientific Reports, 2017. **7**.
17. Lingling Shui\*, Frieder Mugele, Albert van den Berg and Jan C. T. Eijkel, *Geometry-controlled droplet generation in head-on microfluidic devices*. Applied Physics Letters, 2008. **93**(15).
18. Lingling Shui\*, Albert van den Berg and Jan C. T. Eijkel, *Capillary instability, squeezing, and shearing in head-on microfluidic devices*. Journal of Applied Physics, 2009. **106**(12).
19. He, Tao, Mingliang Jin, Jan C. T. Eijkel, Guofu Zhou and Lingling Shui\*, *Two-phase microfluidics in electrowetting displays and its effect on optical performance*. Biomicrofluidics, 2016. **10**(1).
20. Xie, Yanbo\*, Miao Sun, Mingliang Jin, Guofu Zhou and Lingling Shui\*, *Two-phase microfluidic flow modeling in an electrowetting display microwell*. European Physical Journal E, 2016. **39**(2).

21. Li, Lu, Liping Shen, Xiaoqian Zhang, Lingling Shui\*, Benhui Sui, Xiaoli Zhang, Xiaofan Zhao\* and Wenrui Jin\*, *Multiplexed optical coding nanobeads and their application in single-molecule counting analysis for multiple gene expression analysis*. *Analytica Chimica Acta*, 2015. **886**: p. 123-132.
22. Xie, Shuting, Fei Lu, Shaojie Liu, Liqiang Zheng, Mingliang Jin, Guofu Zhou and Lingling Shui\*, *Imidazolium ionic liquid induced one-step synthesis of alpha-Fe<sub>2</sub>O<sub>3</sub> nanorods and nanorod assemblies for lithium-ion battery*. *APL Materials*, 2016. **4**(12).
23. Sui, Xiaofeng, Lingling Shui, Jin Cui, Yanbo Xie, Jing Song, Albert van den Berg, Mark A. Hempenius and G. Julius Vancso, *Redox-responsive organometallic microgel particles prepared from poly(ferrocenylsilane)s generated using microfluidics*. *Chemical Communications*, 2014. **50**(23): p. 3058-3060.
24. Lingling Shui\*, Jan C. T. Eijkel and Albert van den Berg, *Multiphase flow in microfluidic systems - Control and applications of droplets and interfaces*. *Advances in Colloid and Interface Science*, 2007. **133** (1): p. 35-49.
25. Lingling Shui\*, Albert van den Berg and Jan C. T. Eijkel, *Scalable attoliter monodisperse droplet formation using multiphase nano-microfluidics*. *Microfluidics and Nanofluidics*, 2011. **11**(1): p. 87-92.
26. Lingling Shui, Wouter Sparreboom, Peter Spang, Tina Roeser, Benjamin Nieto, Francesc Guasch, Antoni Homs Corbera, Albert van den Berg and Edwin T. Carlen, *High yield DNA fragmentation using cyclical hydrodynamic shearing*. *RSC Advances*, 2013. **3**(32): p. 13115-13118.
27. Lu, Han, Hua Zhang, Mingliang Jin, Tao He, Guofu Zhou and Lingling Shui\*, *Two-Layer Microstructures Fabricated by One-Step Anisotropic Wet Etching of Si in KOH Solution*. *Micromachines*, 2016. **7**(2).
28. Wang, Juan, Mingliang Jin, Tao He, Guofu Zhou and Lingling Shui\*, *Microfluidic Induced Controllable Microdroplets Assembly in Confined Channels*. *Micromachines*, 2015. **6**(9): p. 1331-1345.
29. Chen, Xia, Tao He, Hongwei Jiang, Biming Wei, Guofei Chen, Xingzhong Fang, Mingliang Jin, Robert A. Hayes, Guofu Zhou and Lingling Shui\*, *Screen-printing fabrication of electrowetting displays based on poly(imide siloxane) and polyimide*. *Displays*, 2015. **37**: p. 79-85.
30. Yi, Zichuan, Lingling Shui, Li Wang, Mingliang Jin, Robert A. Hayes and Guofu Zhou, *A novel driver for active matrix electrowetting displays*. *Displays*, 2015. **37**: p. 86-93.
31. Bai, Peng Fei, Robert A. Hayes, Ming Liang Jin, Ling Ling Shui, Zi Chuan Yi, L. Wang, Xiao Zhang and Guo Fu Zhou, *Review of Paper-Like Display Technologies*. *Progress in Electromagnetics Research-Pier*, 2014. **147**: p. 95-116.
32. Duan, Feibo, Pengfei Bai, Alex Henzen, Lingling Shui, Biao Tang and Guofu Zhou, *An Adaptive Generation Method for Electrophoretic Display Driving Waveform Design*. *Journal of the SID*, 2016. **24** (11): p. 676-685.
33. Lingling Shui, P. Z. Guo, F. Chen, G. Y. Xu and L. Q. Zheng, *The effect of Iopamidol on rheological properties of monoglyceride/water system*. *Colloids and Surfaces a-Physicochemical and Engineering Aspects*, 2005. **256**(1): p. 85-90.
34. Zheng, L. Q., Lingling Shui, Q. Shen, G. Z. Li, T. Baba, H. Minamikawa and M. Hato, *pH and salt-induced reversible aggregation of nonionic synthetic glycolipid vesicles*. *Colloids and Surfaces a-Physicochemical and Engineering Aspects*, 2002. **207**(1-3): p. 215-221.
35. Zheng, L. Q., W. Z. Zhu, Q. Shen, Lingling Shui, G. Z. Li and Z. W. Sun, *Kinetic and size control of polystyrene and polyacrylic octadecyl ester lattices via polymerization in O/W microemulsions*. *Colloids and Surfaces a-Physicochemical and Engineering Aspects*, 2002. **201**(1-3): p. 111-121.
36. Liu, Jin, Xi Zhou, Zhi Qiao, Jianhao Zhang, Chenzhao Zhang, Tuowen Xiang, Lingling Shui, Yaocheng Shi and Liu Liu, *Integrated Optical Chemical Sensor Based on an SOI Ring Resonator Using Phase-Interrogation*. *Ieee Photonics Journal*, 2014. **6**(5).
37. Li, G. Z., J. Xu, J. H. Mu, L. M. Zhai, Lingling Shui, W. J. Chen, J. L. Jiang, F. Chen, D. F. Guo and W. M. Lin, *Design and application of an alkaline-surfactant-polymer flooding system in field pilot test*. *Journal of Dispersion Science and Technology*, 2005. **26**(6): p. 709-717.
38. Zheng, L. Q., J. Zhang, Lingling Shui\*, F. Chen, J. Y. Um and H. Chung, *Component effects on the phase behavior of monoglyceride-water mixtures studied by FT-IR and X-ray diffraction*. *Journal of Dispersion Science and Technology*, 2003. **24**(6): p. 773-778.
39. XiaoMei Zhang, PengFei Bai, Robert A. Hayes, Lingling Shui, Mingliang Jin, Biao Tang and Guo-Fu Zhou, *Novel Driving Methods for Manipulating Oil Motion in Electrofluidic Display Pixels*. *Journal of Display Technology*, 2016. **12**(2): p. 200-205.
40. Ma, Xiaoxiao, Zhicheng Xiong, Wen Wang, Luming Zhang, Sujuan Wu, Xubing Lu, Xingsen Gao, Lingling Shui and Jun-Ming Liu, *Inverted organic solar cells using a solution-processed TiO<sub>2</sub>/CdSe electron transport layer to improve performance*. *Journal of Physics D-Applied Physics*, 2016. **49**(15).
41. Dou, Yingying, Mingliang Jin, Guofu Zhou and Lingling Shui\*, *Breath Figure Method for Construction of Honeycomb Films*. *Membranes*, 2015. **5**(3): p. 399-424.
42. Wang, Wen, Zongbao Zhang, Yangyang Cai, Jinshan Chen, Jianming Wang, Riyan Huang, Xubing Lu, Xingsen Gao, Lingling Shui, Sujuan Wu, and Jun-Ming Liu, *Enhanced performance of CH<sub>3</sub>NH<sub>3</sub>PbI<sub>3</sub>-xCl<sub>x</sub> perovskite solar cells by CH<sub>3</sub>NH<sub>3</sub>I modification of TiO<sub>2</sub>-perovskite layer interface*. *Nanoscale Research Letters*, 2016. **11**.
43. Zheng, L. Q., Lingling Shui, L. You, O. Zheng, Y. Li, J. X. Zhao and G. Z. Li, *The surface tension study of the gemini surfactant solutions*. *Acta Chimica Sinica*, 2001. **59**(5): p. 637-642.

44. Zhu, W. Z., G. Z. Li, L. Q. Zheng, S. J. Liu, Lingling Shui\*, H. J. Liang and Q. Wu, *Particle nucleation during the microemulsion co-polymerization of acrylic octadecyl ester and styrene by laser light scattering method*. Acta Chimica Sinica, 2001. **59**(1): p. 1-5.
45. Lingling Shui, G. Z. Li, Q. Shen, D. M. Ji, Z. W. Sun and DaiGuoliang, *Flooding efficiency of flooding systems and wettability study on the simulant rock surface*. Chinese Journal of Chemical Physics, 2004. **17**(2): p. 201-205.
46. Lingling Shui, Z. N. Wang and L. Q. Zheng, *Rheological properties of cubic liquid crystals formed from monoglyceride/H<sub>2</sub>O systems*. Chinese Journal of Chemistry, 2005. **23**(3): p. 245-250.
47. Qiu, Shuhai, Shengjie Xu, Guofu Zhou, Lingling Shui and Xiaozhang Zhu, *Synthesis of 1,2,3,4,5-Pentaaryl cyclopenta-2,4-diene Derivatives and Their Aggregation-Induced Emission Properties*. Chinese Journal of Organic Chemistry, 2015. **35**(8): p. 1746-1753.
48. Hou, Jiaxin, Wenwen Ding, Yancong Feng, Lingling Shui, Yao Wang, Hao Li\*, Nan Li and Z Guofu Zhou 1, 3\*, *Electrowetting Performances of Novel Fluorinated Polymer Dielectric Layer Based on Poly(1H,1H,2H,2H-perfluorooctylmethacrylate) Nanoemulsion*. Polymers, 2017. **9**(217): p. 1-13.

#### - Other Journal Articles (其他论文)

49. 水玲玲, 朱云飞, “微流控法制备功能性微纳米液珠”, 华南师范大学学报(自然科学版), 2013, 6: 99-104. DOI: 10.6054/j.jscn.2013.09.010.
50. 何涛, 金名亮, 窦盈莹, 吴昊, 周国富, 水玲玲“一种电润湿显示彩色油墨的性能研究”, 华南师范大学学报(自然科学版), 2016, 2, 48: 40-45. DOI: 10.6054/j.jscn.2015.11.002.
51. 水玲玲, 李岚慧, 金名亮, 周国富“微流控法 DNA 片段化研究进展”, 华南师范大学学报(自然科学版), 2016, 1, 48: 23-27. DOI: 10.6054/j.jscn.2016.01.004.
52. 朱云飞, 水玲玲, 周国富, 金名亮, “微流控法制备可用于电泳显示微胶囊的微液珠研究”, 华南师范大学学报(自然科学版), 2015, 3, 47: 19-23. DOI: 10.6054/j.jscn.2015.03.016.
53. 金名亮, 水玲玲, “光流控研究现状及趋势”, 华南师范大学学报(自然科学版), 2015, 2, 47: 12-16. DOI: 10.6054/j.jscn.2014.12.012.
54. 韦必明, 金名亮, 吴昊, 窦盈莹, 周国富, 水玲玲“大面积光刻胶线棒涂布工艺研究”, 华南师范大学学报(自然科学版), 2015, 2, 47: 84-89. DOI: 10.6054/j.jscn.2014.12.015.
55. 李岚慧, 窦盈莹, 水玲玲, 李发宏, Robert A. HAYES, 周国富“水溶液显影环氧乙烷光刻胶的显影条件及机理探索”, 华南师范大学学报(自然科学版), 2017, 1, 49: 40-45. DOI: 10.6054/j.jscn.2017052.
56. 李显歌, 白鹏飞, Rob Hayes, 水玲玲, 吴昊, 窦盈莹, 郭媛媛, 周国富, “Teflon AF1600作为电润湿显示器件疏水绝缘层的可靠性研究”, 华南师范大学学报(自然科学版), 2015, 2, 47: 17-20. DOI: 10.6054/j.jscn.2014.12.016.
57. 刘先明, 王利, 易子川, 水玲玲, 周国富, “基于直流平衡的电子纸驱动方法的研究”, 华南师范大学学报(自然科学版), 2015, 3, 47: 10-13. DOI: 10.6054/j.jscn.2015.03.001.
58. 李干佐, 刘杰, 吕锋锋, 水玲玲等“非离子表面活性剂吐温80的复合驱油体系研究”日用化学工业, 2003, 33(1): 1-7. DOI: 10.3969/j.issn.1001-1803.2003.01.001
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61. 吕锋锋, 李干佐, 水玲玲等, “微乳化燃油的研究进展”, 精细石油化工进展, 2002, 3(11): 21-23. DOI: 10.3969/j.issn.1009-8348.2002.11.005.
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#### - Patents (专利)

1. 水玲玲, 曹洁萍, 金名亮, 周国富, 一种柔性电润湿显示基板及其制备方法、电润湿显示器件[P].广东: CN106405822A, 2017-02-15.
2. 周国富, 杨志华, 水玲玲, 金名亮, 李楠, 一种柔性复合透明导电膜及其制备方法[P].广东: CN106229037A, 2016-12-14.
3. 水玲玲, 王娟, 金名亮, 龚颖欣, 周国富, 一种具有拉曼活性的微球及其制备方法[P].广东: CN106179141A, 2016-12-07.
4. 水玲玲, 窦盈莹, 金名亮, 周国富, 一种电润湿显示器中填充油墨的方法[P].广东: CN106154538A, 2016-11-23.
5. 水玲玲, 窦盈莹, 金名亮, 周国富, 一种电润湿显示器中可控油墨填充方法[P].广东: CN106125292A, 2016-11-16.
6. 金名亮, 水玲玲, 周国富, 电润湿油墨填充器件及填充装置[P].广东: CN205427316U, 2016-08-03.
7. 李楠, 水玲玲, 金名亮, 李旦, 周国富, 银纳米颗粒的制备方法[P].广东: CN105798328A, 2016-07-27.

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#### - Projects (科研项目):

1. 国家自然科学基金面上项目, 61574065, 基于TFT电润湿微流控的液滴阵列生物芯片技术研究, 2016/01-2019/12, 74.6万元, 在研, 主持;
2. 国家重点研发计划课题, 2016YFB0401502, 电子纸显示器件设计与制备工艺, 2016/07-2021/06, 700万元, 在研, 主持;
3. 广东省重大科技专项, 2016B090906004, 印刷柔性电润湿电子纸显示薄膜材料与技术研究, 2016/04-2019/03, 300万元, 在研, 主持;
4. 广东省工程技术中心建设项目, 2015B090903079, 光流材料与器件工程技术研究中心, 2015/01-2016/12, 100万元, 结题, 主持;
5. 国家自然科学基金青年基金项目, 21303060, 微流控法胶体科技自组装构建可调控光子晶体的研究, 2014/01-2016/12, 25万元, 结题, 主持;
6. 国家自然科学基金国际交流与合作项目, 21410302026, 光流控2014第四届国际光流控会议, 2014/01-2014.12, 6万元, 结题, 主持;
7. 广东省自然科学基金自由申请项目, S2013010014418, 微流控法高效快速DNA片段化的研究, 5万元, 2014/10-2015/10, 结题, 主持;

#### Others (其他奖励):

2015年, 广东省科教文卫工会“粤木棉”奖  
 2014年, 广东省“杰出女科学工作者”称号  
 2008年, 中国政府优秀自费留学生奖学金  
 2003年, 山东大学优秀硕士毕业生  
 2001年, 山东大学校长奖学金  
 2000年, 山东大学优秀本科毕业生  
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