

基本情况	姓名	邢飞	性别	男	出生	1986-04-12	所在系部	光电系
	职称	副教授	学历	研究生	学位	博士	政治面貌	党员
主要研究方向	低维光电材料与器件：1. 二维材料制备、表征；2. 二维材料光电特性；3. 二维材料器件及应用。							
学习工作经历	起止时间		学校（单位）名称		专业/职业		学历层次	
	2018-现在		山东理工大学		副教授		“双百” 三层次人才	
	2016-2018		景澜（北京）科技发展有限公司		总经理			
	2014-2016		深圳大学		光学工程		博士后	
	2009-2014		南开大学		物理学/光学		硕士博士	
	2005-2009		河北工业大学		材料物理		学士	
主要成果	<p>课题：</p> <ol style="list-style-type: none"> 国家自然科学基金青年项目，61505109，25万，“柱矢量光束紧聚焦条件下石墨烯基显微传感成像技术研究”，2016/01—2018/12，在研，主持。 中国博士后科学基金特别资助项目，2016T90798，15万，“石墨烯基显微传感成像技术研究及其亚细胞水平应用”，2016/06—2016/09，结题，主持。 中国博士后科学基金面上项目，2015M570721，8万，“机械剥离石墨烯的偏振吸收特性及其亚微米传感应用研究”，2015/06—2016/09，结题，主持。 山东理工大学启动项目，10万，主持。 <p>论文/著作：</p> <ol style="list-style-type: none"> Fei Xing, Guixian Meng, Qian Zhang, Leiting Pan, Peng Wang, Zhibo Liu, Wenshuai Jiang, Yongsheng Chen, Jianguo Tian, “Ultra-Sensitive Flow Sensing of Single Cell by Graphene Optical Sensor” <i>Nano Letters</i>, 2014, 14(6), 3563-3569. IF:12.08 (一区) Fei Xing, Yong Yang, Junfeng Shen, Wenshuai Jiang, Zhibo Liu, Siwei Zhu, Xiaocong Yuan. “Ultra-high sensitivity, multi-parameter monitoring of dynamical gas parameters using a reduced graphene oxide microcavity.” <i>Sensors and Actuators B-Chemical</i>, 2016, 235, 474-480. IF: 5.667(一区) Yijia Wang, Shiwu Zhang, Ting Xu, Tonglin Zhang, Yuru Mo, Jun Liu, Liqun Yan, Fei Xing*, “Ultra-sensitive and ultra-fast detection of whole unlabeled living cancer cell responses to paclitaxel with a graphene-based biosensor.” <i>Sensors and Actuators B: Chemical</i>, 2017. IF: 5.667(一区) (通讯作者) Guiling Shi, Xiaoli Zheng, Xiaojing Wu, Siqi Wang, Yijia Wang, Fei Xing* “All-trans retinoic acid reverses epithelial-mesenchymal transition in paclitaxel-resistant cells by inhibiting nuclear factor kappa B and upregulating gap junctions” <i>Cancer Science</i>, 2018. IF=4.372(二区) (通讯作者) Fei Xing, Zhibo Liu, Zhichao Deng, Xiangtian Kong, Xiaoqing Yan, Xudong Chen, Qing Ye, Chunping Zhang, Yongsheng Chen, Jianguo Tian, “Sensitive Real-Time Monitoring of Refractive Indexes Using a Novel Graphene-Based Optical Sensor” <i>Scientific Reports</i>, 2012 2, 							

908. IF:4.122(二区)

6. **Fei Xing**, Shan Zhang, Yong Yang, Wenshuai Jiang, Zhibo Liu, Siwei Zhu, Xiaocong Yuan. "Chemically modified graphene films for high-performance optical NO₂ sensors." *Analyst*, 2016, 141, 4725-4732. IF: 3.864 (二区)
7. **Fei Xing**, Xudong Chen, Zhibo Liu, Qian Zhang, Xiaoqing Yan, Yongsheng Chen, Jianguo Tian, "Transparent and flexible multi-layer films with graphene recording layers for optical data storage" *Applied Physics Letters*, 2013, 102, 253501. IF:3.495 (二区)
8. **Fei Xing**, Wei Xin, Wenshuai Jiang, Zhibo Liu, Jianguo Tian, "A general method for large-area and broadband enhancing photoresponsivity in graphene photodetectors." *Applied Physics Letters*, 2015, 107(16), 163110. IF:3.495 (二区)
7. Guiling Shi, Xiaoli Zheng, Shiwu Zhang, Xiaojing Wu, Fei Yu, Yijia Wang, **Fei Xing***, "Kanglaite inhibits EMT caused by TNF- α via NF- κ B inhibition in colorectal cancer cells." *Oncotarget*, 2018, 9(6), 6771-6779. (通讯作者)
10. **Fei Xing**, Yong Yang, Siwei Zhu, Xiaocong Yuan. "Ultrathin reduced graphene oxide films for high performance optical data storage." *Applied Optics and Photonics China* (AOPC2015). International Society for Optics and Photonics, 2015, 96730G-96730G-7. (约稿)
1. Qian Zhang, Xiangjian Wan, **Fei Xing**, Lu Huang, Guankui Long, Ningbo Yi, Wang Ni, Zhibo Liu, Jianguo Tian, Yongsheng Chen "Solution-processable graphene mesh transparent electrode for organic solar cells " *Nano Research*, 2013, 6, 478, IF: 7.994 (一区)
2. Xudong Chen, Zhibo Liu, Wenshuai Jiang, Xiaoqing Yan, **Fei Xing**, Peng Wang, Yongsheng Chen, Jianguo Tian, "The selective transfer of patterned graphene " *Scientific Reports*, 2013, 3, 3216. IF:4.122 (二区)
3. Xudong Chen, Zhibo Liu, Chaoyi Zheng, **Fei Xing**, Xiaoqing Yan, Yongsheng Chen, Jianguo Tian, "High-quality and efficient transfer of large-area graphene films onto different substrates " *Carbon*, 2013, 56, 271. IF:7.082 (一区)
4. Bin Dong, Peng Wang, Zhi-Bo Liu, Xu-Dong Chen, Wen-Shuai Jiang, Wei Xin, **Fei Xing**, Jian-Guo Tian, "Large tunable optical absorption of CVD graphene under total internal reflection by strain engineering." *Nanotechnology*, 2014, 25(45). IF:3.404(二区)
5. Peng Wang, Zhibo Liu, Xudong Chen, **Fei Xing**, Wenshuai Jiang, Bin Dong, Wei Xin Jianguo Tian, "Accurate layers determination of graphene on transparent substrate based on polarization-sensitive absorption effect " *Applied Physics Letters*, 2013, 103, 181902. IF:3.459 (二区)
6. Qing Ye, Jin Wang, Zhibo Liu, Zhichao Deng, Xiangtian Kong, **Fei Xing**, Xudong Chen, Wenyuan Zhou, Chunping Zhang, Jianguo Tian, "Polarization-dependent optical absorption of graphene under total internal reflection" *Applied Physics Letters*, 2013, 102, 021912. IF:3.459 (二区)
7. Xin Li, Peng Wang, **Fei Xing**, Xu-Dong Chen, Zhi-Bo Liu, Jian-Guo Tian, "Experimental observation of a giant Goos-Hänchen shift in graphene using a beam splitter scanning method." *Optics Letters*, 2014, 39(19), 5574-5577. IF:3.589(二区)
8. Wei Xin, Zhi-Bo Liu, Qi-Wen Sheng, Ming Feng, Li-Gang Huang, Peng Wang, Wen-Shuai Jiang, **Fei Xing**, Yan-Ge Liu, Jian-Guo Tian, "Flexible graphene saturable absorber on two-layer structure for tunable mode-locked soliton fiber laser." *Optics Express*, 2014, 22(9), 10239-10247. IF:3.356 (二区)
1. 闫立群, 赵明, 邢飞等著, 石墨烯工业化: 基础-研究-应用, 2019, 清华大学出版社, 拟出版。(论著)

获奖:

1. 邢飞技术团队, “石墨烯表面波相互作用仪项目”, 2018 中国 (永安) 石墨烯创新创业大赛, 总决赛二等奖;
2. 邢飞技术团队, “石墨烯表面波相互作用仪项目”, 中国国际石墨烯创新大会, 最具投资价值奖。

专利:

1. 邢飞等, 基于石墨烯表面波的高灵敏多光束折射率探测装置和方法, 国际PCT专利, 国际申请号码: PCT/CN2017/113650
2. 邢飞, 闫立群. 一种基于石墨烯表面波的高灵敏度超快折射率探测装置, NO. CN201621296495.8,
3. 邢飞, 闫立群. 一种基于石墨烯/氧化石墨烯复合薄膜的湿度传感器, NO. CN201720596979.2,
4. 刘智波, 邢飞, 叶青, 邓志超, 田建国. 一种基于石墨烯偏振效应的折射率实时测定方法和装置, NO.CN102692393A,
5. 刘智波, 邢飞, 陈旭东, 田建国. 一种基于石墨烯偏振特性的多层膜光存储方法, NO. CN103093772A

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