


# 师资力量

于晓梅

职称：教授

研究所：微纳电子学研究院

研究领域：微光机电系统，生物微机电系统，纳机电器件

办公电话：86-10-6276 6592

电子邮件：yuxm@pku.edu.cn

个人主页：http://162.105.209.37/teaching/inservice/search/Detail/?ID=1783

**科研/教育经历**

1982年7月、1985年7月毕业于吉林大学电子科学系半导体物理专业，分别获得理学学士学位和理学硕士学位，2001年6月毕业于北京航空航天大学，获得材料学博士学位。1985年7月至2001年9月在北京航空航天大学应用物理系任教，历任助教、讲师、副教授。1999年至2000年在丹麦技术大学微米纳米技术系任访问学者。2001年10月至2003年8月在北京大学微纳电子学研究院从事博士后研究，出站后进入北京大学微纳电子学研究院任副教授，2008年被聘任为北京大学微电子学研究院教授。

**研究成果概况**

目前主要从事微纳机电系统方面的研究工作，研究方向包括：基于MEMS技术的非制冷红外和太赫兹焦平面阵列及其成像技术研究；超材料功能元件及其在红外和太赫兹成像技术领域的应用研究；微悬臂梁式生化传感器及其与CMOS电路的单片集成技术研究；硅基纳米结构和器件的制造技术研究等。近年来，主持国家自然科学基金项目5项、国家高技术研究发展计划项目1项、国家重点基金项目、国家探索研究项目、国家预先研究基金项目、国家重点实验室基金项目8项。并在国家自然科学基金重点项目、国家重大基础研究计划等项目中担任学术骨干。以第一作者/通信作者身份在国内外期刊和会议上发表学术论文百余篇，获得授权专利20余项。

**代表性学术论著**

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地址：北京海淀颐和园路5号 邮编：100871 电话：010-62756141 邮箱：netgroup@gse.pku.edu.cn