



人才队伍

现在位置: [首页](#) > [人才队伍](#) > [副研究员](#)

- 院士专家
- 研究员
- 副研究员
- 兼职研究员
- 千人计划
- 青年千人
- 杰出青年基金
- 百人计划

姓名:	张弛	性别:	男
职称:	副研究员	学历:	博士
电话:	无	传真:	无
Email:	czhang@binn.cas.cn	邮编:	100083



简历:

张弛, 副研究员, 硕士生导师。2004年获华中科技大学学士学位, 2009年获清华大学博士学位。曾在清华大学从事博士后研究工作, 并赴日本精工株式会社(NSK)研修。主要从事纳米发电机和压电电子学在微/纳机电系统(MEMS/NEMS)领域中研究, 集中于二维扫描微镜、自驱动微/纳机械传感器、自供电MEMS/NEMS等新型器件的研究, 并开展其在传感器网络、人机交互和智能交通等领域中的应用研究。曾获NSK中日友好机械工学优秀论文奖, 主持中国博士后科学基金面上资助项目、特别资助项目以及国家自然科学基金青年科学基金项目。已发表学术论文20余篇, 获4项专利授权, 参加重要国际会议共5次。

压电电子学及压电光电子学课题组主页: <http://124.16.153.201:8000> (外部IP访问)
<http://172.16.2.201:8000> (内部IP访问)

研究方向:

专家类别:

副研究员

职务:

社会任职:

承担科研项目情况:

获奖及荣誉:

- 1、2009.12 NSK中日友好机械工学优秀论文奖
- 2、2008.12 清华之友-中国石油优秀生奖学金
- 3、2007.12 清华大学“行胜世纪”奖学金
- 4、2006.12 清华大学综合优秀奖学金
- 5、2005.12 清华大学综合优秀奖学金
- 6、2004.06 华中科技大学优秀毕业生
- 7、2004.06 全国大学生机械创新设计大赛一等奖
- 8、2003.12 国家机械基础课程教学基地机械创新设计大赛二等奖
- 9、2002.12 国家二等奖学金

代表论著:

- 1) C. Zhang, Y. H. Chen, and Z. You. Research on Two-Dimensional Scanning Characteristics of MEMS Resonant Mirror. Key Engineering Materials, 2012, 503: 24-28.

- 2) C. Zhang, Z. You and H. Huang. Design and Simulation of Electromagnetic Two-dimensional MOEMS Scanning Mirror. Key Engineering Materials, 2011, 483: 185-189.
- 3) C. Zhang, Z. You, H. Huang and G. H. Li. Study on A Two-Dimensional Scanning Micro-Mirror and Its Application in a MOEMS Target Detector. Sensors-Basel, 2010, 10(7): 6848-6860.
- 4) C. Zhang, H. Huang and Z. You. Experimental Research on Temperature Characteristics of Two-dimensional Micro Scanner. Proc. of Eurosensors XXIV Conference, Linz, Austria, 2010, 5: 568-571.
- 5) C. Zhang, G. F. Zhang, and Z. You. A Two-Dimensional Micro Scanner Integrated with Piezoelectric Actuator and Piezoresistor. Sensors-Basel, 2009, 9(1): 631-644.
- 6) C. Zhang, G. F. Zhang, and Z. You. Design of Space Target Detection System Based on a Two-Dimensional Scanning Micro-Mirror. Proc. of 9th International Conference on Electronic Measurement and Instruments, Beijing, China, 2009, 2: 718-721.
- 7) C. Zhang, G. F. Zhang, and Z. You. Experimental Investigation on the Principle of a Two-Dimensional Scanning Micro-Mirror. Journal of Tsinghua University, 2008, 48(11): 1919-1922.
- 8) C. Zhang, G. F. Zhang, and Z. You. Modeling and Simulation of Two-Dimensional MOEMS Scanning Mirror. Chinese Journal of Sensors and Actuators, 2008, 21(2): 318-321.
- 9) C. Zhang, G. F. Zhang, and Z. You. Piezoresistor Design for Deflection Angles Decoupling Measurement of Two Dimensional MOEMS Scanning Mirror. Proc. of 7th IEEE International Conference on Nanotechnology, Hong Kong, China, 2007, 150-153.
- 10) C. Zhang, Z. You, and S. J. Yu. An Automatic Exposure Algorithm Based on Information Entropy. Proc. of 6th International Symposium on Instrumentation and Control Technology, Beijing, China, 2006, 63570Q: 1-5.
- 11) C. Zhang, S. J. Yu, and Z. You. Design and Simulation of the Control Circuit for a CMOS Imaging Sensor with High Resolution and Dual Shutter Mode. Journal on Communication, 2006, 27(8): 155-159.