



## 一、基本情况

欧云，男，湖南益阳人，1986年10月出生，博士、副教授、硕士研究生导师，湖南科技大学“奋进青年学者”，湖南省仪器仪表学会理事。2008年获湘潭大学博士学位，期间赴美国华盛顿大学联合培养，师从李江宇教授。主要从事功能材料的制备与表征，在热电材料，低维纳米材料的制备方面有丰富的经验，先后在 National Science Review, ACS NANO, Nanoscale, npj Computational Materials, Journal of Materials Chemistry A 等期刊发表论文四十余篇。申请发明专利 10 余项，合作开发的热离子扫描探针显微表征技术或 2017 Microscopy Today Innovation Awards。先后主持或参与国家自然科学基金多项，国家重大仪器项目，科技部“纳米科技”重大专项等项目十余项。

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## 二、学习经历

2008/08-2014/06	湘潭大学	材料科学与工程	博士
2013/11-2014/04	华盛顿大学（西雅图）	机械工程系	访学
2010/10-2011/10	华盛顿大学（西雅图）	机械工程系	联合培养
2004/09-2008/06	湘潭大学	测控技术与仪器	本科

## 三、工作经历

2014/10-至今	湖南科技大学机械设备健康维护湖南省重点实验室
2016/05-2018/06	中国科学院深圳先进技术研究院，博士后

## 四、研究方向

1. 纳米材料的制备与器件；
2. 多功能材料制备及应用。

## 五、主要研究项目

1. 国家自然科学基金重大仪器项目，基于扫描探针的纳米调控与多场耦合原位测量系统，项目编号：11627801，2017-2021，负责经费 80 万，第三单位负责人，在研。
2. 国家自然科学基金青年项目，低维热电材料应变调控与多场耦合性能研究，项目编号：11702092，24 万，2018-2020，主持，已结题。

3. 湖南省自然科学基金, PLGA/PVDF 降解型压电复合支架的设计及其骨修复应用, 项目编号: 2020JJ5182, 5 万元, 2020-2022, 主持, 在研。
4. 企业横向项目, 智能调阻系统, 10 万元, 2020.12-2021.04, 主持, 在研。
5. 企业横向项目, 红外退火炉在纳米薄膜制备中的应用研究, 10.5 万元, 2021.03-2023.03, 主持, 在研。

## 六、研究成果论文

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- [3] Peng Jiang, Boyuan Huang, Liyu Wei, Aolin Li, **Yun Ou**, Fei Yan, Hairong Zheng, Jiangyu Li, Relaxation of competing electromechanical couplings in murine artery, *Applied Physics Letters*, 117, 143701, 2020.
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## 七、国家发明专利

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