



# 宽带隙半导体技术国家重点学科实验室

首页 | 实验室概况 | 科研团队 | 科学研究 | 仪器设备 | 合作交流 | 最新消息 | 通知公告 |

## 科学研究

科研奖项

授权专利

论文著作

研究成果



您现在的位置：首页 >> 科学研究 >> 论文著作 >> 科研论文(杂志和国际会议)-2007年

### 科研论文(杂志和国际会议)-2007年

1. A Novel Optimization Method for Parametric Yield: Uniform Design and Mapping Distance Algorithm  
**IEEE Trans. on CAD of Integrated Circuits and Systems.** VOL.26, NO.6, pp:1149-1155. JUNE 2007. Jin min-e, Hao Yue, Zhou Dian, Zeng Xuan
- 2.GaN MOS-HEMT using ultrathin Al<sub>2</sub>O<sub>3</sub> dielectric grown by atomic layer deposition  
**Chinese Physics Letters.** Vol.24 , No.8, pp:2419-2421, 2007. Yue Yuan-Zheng, Hao Yue, Feng Qian, Zhang Jin-Cheng, Ma Xiao-Hua, Ni Jin-Yu
- 3.Hot-carrier degradation for 90nm gate length LDD-NMOSFET with ultra-thin gate oxide under low gate voltage stress  
**Chinese Physics.** 16(3)pp:821-825, 2007.Chen Hai-Feng, Hao Yue, Ma Xiao-Hua, Li Kang, Ni Jin-Yu
- 4.Study on the recovery of NBTI of ultra-deep sub-micro MOSFETs  
**Chinese Physics.** 16(4)pp:1140-1144, 2007.Cao Yan-Rong, Ma Xiao-Hua, Hao Yue, Zhang Yue, Yu Lei-Zhu, Zhi-Wei, Chen Hai-Feng
- 5.Degradation characteristics and mechanism of PMOSFETs under NBT-PBT-NBT stress  
**Chinese Physics.** 16(5)pp:1445-1449, 2007.Liu Hong-Xia, Li Zhong-He, Hao Yue
- 6.Yield estimation of metallic layers in integrated circuits  
**Chinese Physics.** 16(6)pp:1796-1805, 2007.Wang Jun-Ping, Hao Yue, Zhang Jun-Ming
- 7.Actions of negative bias temperature instability (NBTI) and hot carriers in ultra-deep submicron p-channel metal-oxide-semiconductor field-effect transistors (PMOSFETs)  
**Chinese Physics.** 16(7)pp:2111-2115, 2007.Liu Hong-Xia , Hao Yue
- 8.Comparison of hot-hole injections in ultrashort channel LDD nMOSFETs with ultrathin oxide under an alternating stress  
**Chinese Physics.** 16(10)pp:3114-3119, 2007.Chen Hai-Feng, Hao Yue, Ma Xiao-Hua, Cao Yan-Rong, Gao Zhi-Yuan, Gong Xin
- 9.Propagation Characteristics of Infrared Pulse Waves through Windblown Sand and Dust AtmosphereInternational  
**Journal of Infrared and Millimeter Waves.** Volume 28, No.2, pp:181-189, February, 2007.Yang Ruike, Han Xiang, Hao Yue, Sun Zhongyu

[1] [2]