

1. 李鸿渐(05 电科), 石瑛. 测量计算金属-半导体接触电阻率的方法. 半导体技术, 2008. 33(2): p. 155-159.
2. 李鸿渐(05 电科), 石瑛, 蒋昌忠. p-GaN 表面制备低阻欧姆接触电极的几个关键问题. 功能材料, 2008. 39(1): p. 6-8.
3. ZnO-based fairly pure ultraviolet light-emitting diodes with a low operation voltage. Electron Device Letters, IEEE, 2009. 30(10): p. 1063-1065.
4. Huang, Huihui (黄晖辉 04 电科) Fang, Guojia Mo, Xiaoming (莫小明 05 电科) Yuan, Longyan Zhou, Hai Wang, Mingjun Xiao, Hongbin Zhao, Xingzhong. Zero-biased near-ultraviolet and visible photodetector based on ZnO nanorods/n-Si heterojunction. Applied Physics Letters, 2009. 94(6).
5. Jia, Han (贾晗 03 物基) Ke, Manzhu He, Zhaojian Peng, Shasha Liu, Gangqiang (刘刚强 06 物基) Mei, Xuefei Liu, Zhengyou. Experimental demonstration of surface acoustic waves in two-dimensional phononic crystals with fluid background. Journal of Applied Physics, 2009. 106(4).
6. Long, Hao (龙浩 05 物基) Fang, Guojia Huang, Huihui (黄晖辉 04 电科) Mo, Xiaoming (莫小明 05 电科) Xia, Wei (夏威 04 电科) Dong, Binzhong Meng, Xianquan Zhao, Xingzhong. Ultraviolet electroluminescence from ZnO/NiO-based heterojunction light-emitting diodes. Applied Physics Letters, 2009. 95(1).
7. 丁耘(07 物类), 喻了(03 物基), 喻学锋. PEI/CeF<sub>3</sub>: Tb<sup>3+</sup> 纳米晶体的简易合成及荧光特性. 发光学报, 2009. 30(4): p. 477-481.
8. 李鸿渐 (05 电科), 石瑛, 赵世荣 (04 物类), 何庆尧 (05 电科), 蒋昌忠. Zn<sup>2+</sup> 注入对 p-GaN/Ni/Au 欧姆接触特性的影响. 功能材料, 2009(6): p. 946-948.
9. 李鸿渐 (05 电科), 石瑛, 赵世荣 (04 物类), 何庆尧 (05 电科), 蒋昌忠. p-GaN 表面 Ni/Au 电极欧姆接触特性的 Pt<sup>2+</sup> 注入改性研究. 功能材料, 2009. 40(7): p. 1101-1103.
10. 石锐 (05 材料), 姜鹭 (05 材料), 师大伟 (05 材料), 潘春旭. 火焰法制备的碳纳米管用作超级电容器的电极材料. 第九届全国新型碳材料学术研讨会论文集, 2009: p. 127-131.
11. Chen, ZhenQian (陈振乾 07 电科) Lian, Chao (连超 07 物类) Zhou, Dong (周栋 07 电科) Xiang, Yang (向阳 06 物类) Wang, Ming (王明 07 电科) Ke, Min (柯敏 07 电科) Liang, LiangBo Yu, XueFeng. Greatly enhanced and controlled manganese photoluminescence in water-soluble ZnCdS:Mn/ZnS core/shell quantum dots. Chemical Physics Letters, 2010. 488(1-3): p. 73-76.
12. Lei, Yinkai (雷殷凯 05 物类) Liu, Huijun Xiao, Wei (肖伟 05 电科). First principles study of the size effect of TiO<sub>2</sub> anatase nanoparticles in dye-sensitized solar cell. Modelling and Simulation in Materials Science and Engineering, 2010. 18(2).
13. Wang, Xiao (王霄 06 物基) Liu, Hanming Fang, Pengfei Liao, Lingmin Pan, Chunxu Liew, K. M. Interface Enhancement of Glass Fiber/Vinyl Ester Composites with Carbon Nanotubes Synthesized from Ethanol Flames. Journal of Nanoscience and Nanotechnology, 2010. 10(2): p. 948-955.
14. Wang, Xiao (王霄 06 物基) Mao, Liangliang (毛亮亮 05 材料) Luo, Min Fang, Pengfei Dai, Yiqun Liew, K. M. Study of fullerene-containing epoxy membranes with tunable ultraviolet light-filtering properties. Progress in Organic Coatings, 2010. 67(4): p. 398-404.
15. Cao, Bing (曹兵 06 物类) Yu, Guannan Pan, Chunxu. The ripple's enhancement in graphene sheets by spark plasma sintering. Aip Advances, 2011. 1(3).

16. Cao, Bing (曹兵 06 物类) Zhang, Bin Jiang, Xudong Zhang, Yupeng Pan, Chunxu. Direct synthesis of high concentration N-doped coiled carbon nanofibers from amine flames and its electrochemical properties. *Journal of Power Sources*, 2011. 196(18): p. 7868-7873.
17. Ding, Yun (丁耘 07 物类) Liang, Liang-Bo Li, Min He, Ding-Fei Xu, Liang (许亮 04 物基) Wang, Pan (王攀 07 物基) Yu, Xue-Feng. Efficient manganese luminescence induced by Ce<sup>3+</sup>-Mn<sup>2+</sup> energy transfer in rare earth fluoride and phosphate nanocrystals. *Nanoscale Research Letters*, 2011. 6.
18. Fei, Chunlong (费春龙 06 物基) Zhang, Yue Yang, Zhi (杨芝 03 物类) Liu, Yong (刘勇 07 电科) Xiong, Rui Shi, Jing Ruan, Xuefeng. Synthesis and magnetic properties of hard magnetic (CoFe<sub>2</sub>O<sub>4</sub>)-soft magnetic (Fe<sub>3</sub>O<sub>4</sub>) nano-composite ceramics by SPS technology. *Journal of Magnetism and Magnetic Materials*, 2011. 323(13): p. 1811-1816.
19. Jiang, LuWen (姜鲁文 08 物基) Zhou, Jing (周靖 03 物类) Yang, XingZhi Peng, XiaoNiu (彭小牛 03 物类) Jiang, Hai (江海 08 物类) Zhuo, DeQiang Chen, LiangDong Yu, XueFeng. Microwave-assisted synthesis of surface-passivated doped ZnSe quantum dots with enhanced fluorescence. *Chemical Physics Letters*, 2011. 510(1-3): p. 135-138.
20. Shi, Rui (石锐 05 材料) Jiang, Lu (姜鹭 05 材料) Pan, Chunxu. A single-step process for preparing supercapacitor electrodes from carbon nanotubes. *Soft Nanoscience Letters*, 2011.
21. Xiang, Yang (向阳 06 物类) Xu, XuYang (徐旭阳 05 物基) He, DingFei (何定飞 05 物类) Li, Min Liang, LiangBo (梁亮波 04 物类) Yu, XueFeng. Fabrication of rare-earth/quantum-dot nanocomposites for color-tunable sensing applications. *Journal of Nanoparticle Research*, 2011. 13(2): p. 525-531.
22. Yang, Shuang (杨霜 06 物类) Zhang, Wenyong (张文勇 05 物类) Chen, Jihong (陈济鸿 05 物基) Zhou, Zhongpo Ai, Zhiwei Guo, Liping Liu, Congxiao Du, Honglin. Enhancement of saturation magnetization in Cr-ion implanted silicon by high temperature annealing. *Applied Surface Science*, 2011. 257(20): p. 8465-8468.
23. Zhang, Wenyong (张文勇 05 物类) Guo, Liping Peng, Guoliang (彭国良 05 物基) Li, Tiecheng (李铁成 05 物基) Feng, Shixuan (冯世旋 05 物类) Zhou, Zhongpo Peng, Ting Quan, Zuci. Effect of annealing temperature on magnetic property of Si<sub>1-x</sub>Cr<sub>x</sub> thin films. *Thin Solid Films*, 2011. 520(2): p. 769-773.
24. Zhao, Mingtian (赵明天 06 材料) Xiao, Wei (肖伟 05 电科) Zhang, Hengji Cho, Kyeongjae. Graphene-Ni (001) interface study. *Physical Chemistry Chemical Physics*, 2011. 13(24): p. 11657-11662.
25. Zhu, HongWei (朱红伟 04 电科) Zhang, NanGang He, RongXiang (何荣祥 04 电科) Li, ShiZe Guo, ShiShang Liu, Wei Zhao, XingZhong. Controllable fission of droplets and bubbles by pneumatic valve. *Microfluidics and Nanofluidics*, 2011. 10(6): p. 1343-1349.
26. 王立伟 (07 电科), 蔡奇 (07 电科), 肖尧 (07 电科), 王腾飞 (07 电科), 姚弟 (07 电科), 毛雪莹 (04 电科), 黄启俊, 常胜. 生物肌电信号前置放大电路设计. *电子测量技术*, 2011. 34(4): p. 53-55.