

科研成果

- ▼ 专著
- ▼ 科技论文
- ▼ 主要获奖信息
- ▼ 授权专利
- ▼ 新品种
- ▼ 成果转化

您当前位置: 首页 > 科研成果 > 科技论文

2010年论文目录

作者: 新闻来源: 发布时间: 2013-03-25

辐照技术与辐射物理化学

1. Fanghua Li, Ping Liu, Ting Wang, Po Bian, Yuejin Wu, Lijun Wu, Zengliang Yu. The Induction of Bystander Mutagenic Effects in vivo by alpha-irradiation in Whole Arabidopsis thaliana Plants. Radiation Research. 2010,174, 228-237.
2. Mingtao Li, Guowen Meng, Qing Huang, Zhijun Yin, Mingzai Wu, Zhuo Zhang, and Mingguang Kong. Prototype of a Porous ZnO SPV-Based Sensor for PCB Detection at Room Temperature under Visible Light Illumination. Langmuir, 2010, 26 (16):13703 - 13706.
3. Zhigang Ke, Qing Huang, Xi Su, Jiang Jiang, Xiangqin Wang, Zengliang Yu. A paradigm study for assessment of phenylalanine' s damage under arc-discharge irradiation. Nuclear Instruments and Methods in Physics Research B. 2010, 268, 1618 - 1625.
4. Zhigang Ke, Qing Huang, Bingrong Dang, Yilin Lu, Hang Yuan, Shuqing Zhang, Zengliang Yu. A study of low-energy ion induced radiolysis of thiol-containing amino acid cysteine in the solid and aqueous solution states. Nuclear Instruments and Methods in Physics Research B. 2010, 268, 2729 - 2734.
5. HUANG Qing (黄青), KE Zhigang (柯志刚), SU Xi (苏玺), YUAN Hang (袁航), ZHANG Shuqing (张束清), YU Zengliang (余增亮). Quantitative Assessment of Amino Acid Damage upon keV Ion Beam Irradiation Through FTIR Spectroscopy. Plasma Science and Technology 2010, 12, 378.
6. Dongqing Cai, Hong Zhang, Yi Tang, Paul K.Chu, Zengliang Yu, Zhengyan Wu. Nano-networks have better adsorption capability than nano-rods. Nano Communication Networks 1, 2010, 257-263.
7. Teng Qiu, Jiang Jiang, Wenjun Zhang, Xianzhong Lang, Xiaoqiang Yu and Paul K. Chu. High-Sensitivity and Stable Cellular Fluorescence Imaging by Patterned Silver Nanocap Arrays. American Chemical Society. 2010, 2(8): 2465 - 2470.
8. Huaiyu Wang, Ming Xu, Wei Zhang, Dixon T.K. Kwok, Jiang Jiang, Zhengwei Wu, Paul K. Chu. Mechanical and biological characteristics of diamond-like carbon coated poly aryl-ether-ether-ketone. Biomaterials. 2010, 31, 8181-8187.
9. Xianglong Zhao, Guowen Meng,* Qiaoling Xu, Fangming Han, and Qing Huang. Color Fine-Tuning of CNTs@AAO Composite Thin Films via Isotropically Etching Porous AAO Before CNT Growth and Color Modification by Water Infusion. Advanced Materials. 2010, 22, 2637-2641.
10. Zhulin Huang, Guowen Meng, Qing Huang, Yajun Yang, Chuhong Zhu and Chaolong Tang. Improved SERS Performance from Au Nanopillar Arrays by Abridging the Pillar Tip Spacing by Ag Sputtering. Advanced Materials. 2010, 22, 4136 - 4139.
11. 蔡冬清, 吴正岩, 吴林, 吴跃进, 朱剑豪, 余增亮. 低能量离子束轰击对碳纳米管中杂质的去除. 应用化学. 2010, 27(8):987-989.

离子束生物

12. Jiang Jiang, Jun Wang, Xuming Zhang, Kaifu Huo, Hoi Man Wong, Kelvin W.K. Yeung, Wenjun Zhang, Tao Hu, Paul K. Chu. Activation of mitogen-activated protein kinases cellular signal transduction

- pathway in mammalian cells induced by silicon carbide nanowires. *Biomaterials*. 2010, 31, 7856-7862.
13. Fanghua Li, Ping Liu, Ting Wang, Po Bian, Yuejin Wu, Lijun Wu, Zengliang Yu. Genotoxicity/mutagenicity of Formaldehyde Revealed by the Arabidopsis thaliana Plants Transgenic for Homologous Recombination Substrates. *Mutation Research/Genetic Toxicology and Environmental Mutagenesis*. 2010, 699, 35-43.
14. Peng Wang ,Xiaoni Zhang, Li wang ,Zhang zhen, Mingli Tang &,Jiabini Li. Subinhibitory concentrations of ciprofloxacin induce SOS response and mutations of antibiotic resistance in bacteria. *Ann Microbiol*. 2010; 60(3):511-517.
15. Shengdong Xiong, Ling Li, Jiang Jiang, Liping Tong, Shuilin Wu, Zushun Xu, Paul K. Chu. Cationic fluorine-containing amphiphilic graft copolymers as DNA carriers. *Biomaterials*. 2010, 31, 2673-2685.
16. Hao Chen; Fanghua Li; Hang Yuan; Xiang Xiao; Gen Yang; Lijun Wu. Abscopal signals mediated bio-Effects in low-energy ion irradiated Medicago truncatula seeds. *Journal of Radiation research*. 2010, 51, 651-656.
17. 刁金山,王 丽,陈 振,刘 会,聂光军,郑之明. 低能N+注入选育黑曲霉 β -葡萄糖苷酶高产菌株及其发酵优化研究. *辐射研究与辐射工艺学报*. 2010, 28(6): 345-351.
18. 邱冠男, 吴跃进, 王永国, 陈天和, 赵建勋, 余立祥, 余增亮. 新型高效控失型复合肥对黄淮海地区小麦产量的影响. *中国农学报*; 2010, 26(18):186-191.
19. 李明浩, 陈炜, 邢莉萍, 肖进, 王海燕, 曹爱忠, 王秀娥. 普通小麦品种Alondra's遗传转化体系的建立. *植物学报*. 2010, 45(4): 466-471.
20. 潘少杰, 汤明礼. 菌落PCR方法筛选低能离子束辐射引起的IS插入突变. *安徽大学学报(自然科学版)*, 2010, 34 (4):98-103.

环境毒理与安全

21. Zhao G, Chen S, Zhao Y, Zhu L, Huang P, Bao L, Wang J, Wang L, Wu L, Wu Y and Xu A*. Effects of 13-Tesla Static Magnetic Fields (SMF) in the cell cycle distribution and cell viability on Immortalized Hamster Cells and Human Primary Fibroblasts Cells. *Plasma Sci. Technol*. 2010, 12, 123-128.
22. Hong Zhang, Yi Tang, Dongqing Cai, Xianan Liu, Xiangqin Wang, Qing Huang, Zengliang Yu. Hexavalent chromium removal from aqueous solution by algal bloom residue derived activated carbon: Equilibrium and kinetic studies. *Journal of Hazardous Materials*. 2010, 181, 801-808.
23. M Hong, A Xu, H Zhou, L Wu, G Randers-Pehrson, R Santella, Z Yu and TK Hei. Mechanism of Genotoxicity Induced by Targeted Cytoplasmic Irradiation, *British Journal of Cancer*, 2010, 103, 1263 - 1268.
24. Wei Han, Shaopeng Chen, K.N. Yu and Lijun Wu, Nitric Oxide Mediated DNA Double Strand Breaks Induced in Proliferating Bystander Cells after Alpha-Particle Irradiation, *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, 2010, 684, (1-2):81-89.
25. Wei Han, Lijun Wu, Shaopeng Chen and K.N. Yu, Exogenous Carbon Monoxide Protects the Bystander Chinese Hamster Ovary Cells in Mixed Co-Culture System after Alpha-Particle Irradiation, *Carcinogenesis*, 2010, 31(2):275-280.

会议文章

26. Jiang Jiang, Zhigang Ke, Xi Su, Qing Huang. Stainless steel induced DNA damage and reduced by nitrogen plasma immersion ion implantation. *Proceedings 3rd IEEE International NanoElectronics Conference*, 2010:1400-1402.
27. Qing Huang, Zhigang Ke, Zeping Qi, Guangfu Chen, Zengliang Yu. Ionizing Radiation Induces

27. Qing Huang, Zhigang Ke, Leming Qi, Guanglu Chen, Zengliang Yu. Ionizing radiation induces Cell Death Observed By FTIR And Raman Micro-Spectral Imaging. Proceedings of XXII International Conference on Raman Spectroscopy, 2010: 333-334.
28. J. Jiang, Y. J. Xu, Q. Huang, H. Y. Wang, and P. K. Chu, Silicon Induced DNA Damage and Improved Biocompatibility by H and Ar Plasma Treatment. European Materials Research Society Meeting (E-MRS), Symposium B, Strasbourg, France, June 7 - 11, 2010.
29. Xi Su, Qing Huang*, Zengliang Yu, A study of argon arc-discharge induced radiolysis of adenine in aqueous solution, 5th Shanghai International Symposium on Analytical Chemistry. 2010, 09, 15-17, Shanghai.