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## 2007年论文目录

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### 环境生物技术

1. An Xu, Lubomir B. Smilenov, Peng He, Ken-ichi Masumura, Takehiko Nohmi, Zengliang Yu, and Tom K. Hei, New Insight into Intrachromosomal Deletions Induced by Chrysotile in the gpt delta Transgenic Mutation Assay. Environmental Health Perspectives, 115(1), 2007.
2. An Xu, Xuelian Huang, Yu-Chin Lien, Lingzhi Bao, Zengliang Yu, and Tom K. Hei, Genotoxic Mechanisms of Asbestos Fibers: Role of Extranuclear Targets. Chem. Res. Toxicol, 20:724-733, 2007.
3. Shunchang Wang, Ye Zhao, Lijun Wu, Mingli Tang, Caixing Su, Tom K. Hei, and Zengliang Yu, Induction of Germline Cell Cycle Arrest and Apoptosis by Sodium Arsenite in Caenorhabditis elegans. Chem. Res. Toxicol. 20:181-186, 2007.
4. Lingzhi Bao, Shaopeng Chen, Lijun Wu, Tom K. Hei, Yuejin Wu, Zengliang Yu, An Xu, Mutagenicity of diesel exhaust particles mediated by cell - particle interaction in mammalian cells. Toxicology, 229:91 - 100, 2007.
5. 吴跃进, 杨惠成, 余增亮, “控失化肥”示范应用效果及机理研究综述. 安徽农学通报, 13(24):22-24, 2007.
6. 余立祥, 卞坡, 吴跃进, 余增亮, 蔡冬清, 周莎莎, 乔菊, 吴林, 化肥控失对作物氮素农学利用率的影响. 安徽农学通报, 13(24):25-26, 2007.
7. 吴林, 蔡冬青, 乔菊, 周莎莎, 卞坡, 余立祥, 刘星海, 余增亮, 吴跃进, 控失氮肥控制氮素径流损失效果研究. 安徽农学通报, 13(24):30-31, 2007.
8. 吴林, 蔡冬青, 乔菊, 周莎莎, 姜疆, 吴跃进, 卞坡, 翟志军, 余立祥, 刘星海, 余增亮, 复配材料超声处理对化肥控失效果的影响. 安徽农学通报, 13(24):32-33, 2007.
9. 乔菊, 蔡冬青, 姜疆, 卞坡, 吴跃进, 余增亮, 余立祥, 刘星海, 吴林, 周莎莎, 控失剂对铵态氮溶出特性的影响. 安徽农学通报, 13(24):34-35, 2007.
10. 蔡克周, 刘雪兰, 许永建, 陈华, 吴跃进, 余增亮, 空气负离子暴露对秀丽隐杆线虫(Caenorhabditis elegans)的生物学效应. 生态毒理学报, 2(4), 2007.

### 工业生物技术

- 11.Chengling Yuan,Xiangqin Wang,and Zengliang Yu ,Separation and Preparative Purification of Arachidonic Acid from Microbial Lipids by Urea Inclusion Reaction and HPLC. *Preparative Biochemistry & Biotechnology*, 37:149-159,2007
- 12.YANG Yingge(杨英歌),FAN Yonghong(樊永红),LI Wen(李文) ,WANG Dongmei(王冬梅), WU Yuejin(吴跃进) ,ZHENG Zhiming(郑之明),YU Zengliang(余增亮),Optimization of L(+)-Lactic Acid Production from Xylose with *Rhizopus Oryzae* Mutant RLC41-6 Breeding by Low-Energy Ion Implantation. *Plasma Science and Technology*, 9(5), 2007.
- 13.YUAN Hang, ZHOU Wei, WANG Jun, ZHANG Shuqing YAO Jianming , Enhancement of *Gongronella* sp. JG Chitosanase Production by Ion Beam Implantation. *Plasma Science and Technology*, 9(1), 2007.
- 14.J.Wang, J.Liu, H.Chen, J.Yao, Characterization of *Fusarium graminearum* inhibitory lipopeptide from *Bacillus subtilis* IB. *Appl Microbiol Biotechnol* , 76:889 - 894, 2007.
- 15.王冬梅,苏彩欣,李文,姚建铭,吴跃进,郑之明,余增亮,利用天然纤维废弃物发酵生产L-乳酸的研究. *激光生物学报*, 16(6), 2007.
- 16.王丽,郑之明,樊永红,苏彩欣,许德军,柳丹,古绍彬,余增亮,离子束诱变粟酒裂殖酵母产辅酶Q10的初步研究. *激光生物学报*, 16(1), 2007.
- 17.李文,柳丹,杨英歌,王冬梅,樊永红,姚建铭,郑之明,余增亮,磁聚复配物对L-乳酸发酵液的预处理研究. *食品与发酵工业*, 33(3), 2007.
- 18.杨英歌,李文,柳丹,樊永红,王冬梅,郑之明,余增亮,氦离子注入选育高效发酵木糖生产L(+)-乳酸的米根霉. *辐射研究与辐射工艺学报*, 25(2), 2007.
- 19.杨倩,许永建,郑之明,空气负离子对阿维链霉菌发酵周期及产量的影响. *辐射研究与辐射工艺学报*, 25(1), 2007.
- 20.樊永红,王丽,柳丹,李文,杨英歌,郑之明,余增亮,米根霉发酵液中乳酸含量的测定方法研究. *生物技术*, 17(1), 2007.
- 21.柳丹,王相勤,季程晨,蔡冬青,余增亮,磁聚复配物絮凝预处理维生素C废水的研究. *工业水处理*, 27(9):27-30, 2007.

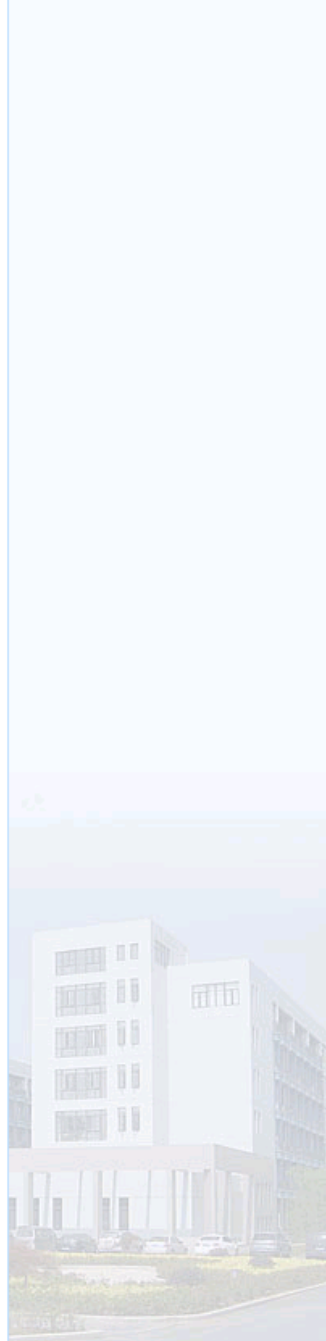
#### 农业生物技术

- 22.Jinku Li, Ying Zhang, Zengliang Yu, Yujuan Wang, Ye Yang, Zheng Liu, Jiayue Jiang, Mei Song, Yuejin Wu\*, Superior storage stability in low lipoxygenase maize varieties. *Journal of Stored Products Research*, 43:530-534, 2007.
- 23.Mei Song , Yuejin Wu , Ying Zhang , B.M. Liu , J.Y. Jiang ,X.Xu , Z.L. Yu, Mutation of rice (*Oryza sativa* L.) LOX-1/2 near-isogenic lines with ion beam implantation and study of their storability.

- Nuclear Instruments and Methods in Physics Research B: 265:495-500, 2007.
24. Ying Zhang, Zengliang Yu, Yixuan Lu, Yu Wang, Dehong She, Mei Song, Yuejin Wu \*, Effect of the Absence of Lipoxygenase Isoenzymes on the Storage Characteristics of Rice Grains . Journal of Stored Products Research, 43:87-91, 2007.
25. Jiabao Wang, Yuejin Wu, Zengliang Yu, A new soybean [Glycine max (L.) Merr.] mutant with multifoliolate compound leaf acquired by ion beam irradiation. Nuclear Instruments and Methods in Physics Research B, 255:326-330, 2007.
26. 蒋家月, 张从合, 陈金节, 蒋家平, 张玉梅, 张萍, 刘斌美, 吴跃进, 水稻光温敏核不育系新安s种子休眠特性研究. 杂交水稻, 22(5):66-70, 2007.
27. 刘洁, 张瑛, 宋美, 任冲, 蒋家月, 余增亮, 吴跃进, 水稻种胚脂肪酶酶活的精确定量分析技术研究. 高技术通讯, 17(10):1077-1081, 2007.
28. 张萍萍, 尹若春, 汤明礼, 吴跃进, 余增亮, 静态强磁场 (SMFs) 对小麦花粉母细胞 (PMCs) 的遗传毒性研究. 辐射研究与辐射工艺学报, 25(4):225-231, 2007.
29. Zhang Pingping, Yin Ruochun, Chen Zhiyou, Wu Lifang, Yu Zengliang, Genotoxic effects of superconducting static magnetic fields (SMFs) on wheat (Triticum aestivum) pollen mother cells (PMCs). Plasma Science & Technology, 9(2), 2007.

#### 低能离子与生物体相互作用

30. W. Wang, H. Yuan, X. Wang, Z. Yu, keV ion irradiation assisted prebiotic synthesis of oligopeptide in the solar system. Advances in Space Research, 40:1641-1645, 2007.
31. W HAN, L WU, B HU, L ZHANG, S CHEN, L BAO, Y ZHAO, , A XU, and Z YU, The early and initiation processes of radiation-induced bystander effects involved in the induction of DNA double strand breaks in non-irradiated cultures. British Journal of Radiology, 80:S7 - S12, 2007.
32. WANG Wei, SHI Huaibin, WANG Xiangqin, YU Zengliang, Nitrogen Deposition Via N<sup>+</sup> Implantation: Implications for Primordial Amino Acids Synthesis Revisited. Plasma Science and Technology, 9(2), 2007.
33. Po Bian , Min Xu , Zengliang Yu, The isolation and characterization of an Arabidopsis mutant mutagenized by low-energy ion beam. Surface & Coatings Technology, 201: 8014 - 8019, 2007.
34. Gen Yang, Lijun Wu, Lianyun Chen, Bei Pei, Yugang Wang, Furu Zhan, Yuejin Wu and Zengliang Yu, Targeted Irradiation of Shoot Apical Meristem of Arabidopsis Embryos Induces Long-Distance Bystander/Abscopal Effects. Radiation Research, 167:298 - 305 , 2007.
35. Ding Kejian , Yang Xiaolin, Feng Huiyun , Hu Zhiwen , Zhan Furu, Wu Lijun , Wu Yuejin , Kong



Mingguang , Zhu Xiaoguang , Yu Zengliang, Stopping power of mammalian cells for low energy ions.

Surface & Coatings Technology, 201:8043 - 8047, 2007.

36.Huiyun Feng, Xuelan Liu, Hang Yuan, Mingguang Kong, Lijun Wu , Yuejing Wu , Zengliang Yu,  
Utilizing low-energy ion beams to study living organisms. Surface & Coatings Technology,  
201:8034 - 8038, 2007.

37.Zengliang Yu, Study on the interaction of low-energy ions with organisms. Surface & Coatings  
Technology, 201:8006 - 8013, 2007.

38.Xuelan liu,Kezhou cai, Huiyun feng,Mingguang Kong,Lijun wu, Yuejin wu,Zengliang Yu, Effects  
induced by keV low-energy ion irradiation in the nematode *Caenorhabditis elegans*. Radiation  
Environment Biophysics, 4:255-261,2007.

39.Xuelan Liu,Kezhou Cai, Huiyun Feng, A Preliminary Study of the Application of a Model  
Animal - *Caenorhabditis elegans*' Exposure to a Low-Energy Ion Irradiation System. Plasma  
Science and Technology,9(5), 2007.

40.W Han, L Wu, S Chen, L Bao, L Zhang, E Jiang, Y Zhao, A Xu, TK Hei and Z Yu, Constitutive  
nitric oxide acting as a possible intercellular signaling molecule in the initiation of radiation-induced  
DNA double strand breaks in non-irradiated bystander cells. Oncogene, 26:2330 - 2339, 2007.

41.詹福如,许明亮,许永建,余增亮,单离子束技术概述.强激光与粒子束, 19(11):1913-1917, 2007.

42.齐学红, 陈连运, 詹福如, 5.5MV静电加速器终端电压稳定系统.强激光与粒子束,  
19(11):1986-1900, 2007.

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