

Selected Publications:

- Percy R. G., Mauricio Ulloa, and **Jinfa Zhang**. 2009. Registration of PSI 113 and PSI 425 germplasm lines of Pima cotton possessing superior fiber quality traits. *J. Plant Registrations*. 3: 297-299
- Lu Y., J. Curtiss, R. Percy, R. G. Cantrell, Shuxun Yu, E. Hughs and **Jinfa Zhang**. 2009. DNA polymorphisms of genes involved in fiber development in cultivated tetraploid cotton. *Crop Sci*. 49: 1695-1704
- Wang Fei, Bing Yue, Jinguo Hu, J. McD. Stewart and **Jinfa Zhang**. 2009. A targeted region amplified polymorphism (TRAP) marker for fertility restorer gene *Rf₁* and chromosomal localization of *Rf₁* and *Rf₂* in cotton. *Crop Sci*. 49: 1602-1608
- Ulloa, M., R. Percy, **Jinfa Zhang**, R. B. Hutmacher, S. D. Wright and R. M. Davis. 2008. Registration of four Pima cotton germplasm lines having good levels of Fusarium wilt race 4 resistance with moderate yields and good fibers. *J. Plant Registrations*. 3: 198-202
- Pang M. X., R. G. Percy, E. Hughs, and **Jinfa Zhang** 2009. Promoter anchored amplified polymorphism based on random amplified polymorphic DNA analysis (PAAP-RAPD) in cotton. *Euphytica*. 167: 281-291
- Lu Y., J. Curtiss, D. N. Miranda, E. Hughs and **Jinfa Zhang**. 2008. ATG anchored AFLP (ATG-AFLP) analysis in cotton. *Plant Cell Reports* 27: 1645-1653
- **Zhang Jinfa**, R. B. Turley and J. McD. Stewart. 2008. Comparative analysis of gene expression between CMS-D8 restored plants and normal non-restoring fertile plants in cotton by differential display. *Plant Cell Reports* 27: 553-561
- Esmail R. M., **J. F. Zhang**, and A. M. Abdel-Hamid. 2008. Genetic diversity in elite cotton germplasm lines using field and RAPD markers. *World J. Agric. Sci*. 4: 369-375
- **Zhang Jinfa**, R. G. Cantrell, C. Waddell, R. Flynn and E. Hughs. 2008. Release of the first Bt Acala cotton cultivar, Acala 1517-99W. *Proc. Beltwide Cotton Conf.* p906-912
- **Zhang Jinfa**, R. G. Cantrell, R. Flynn and E. Hughs. 2008. Development of transgenic Acala 1517 cotton. *Proc. Beltwide Cotton Conf.* p857-875
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- **Zhang Jinfa**, Mingxiong Pang, C. Niu, Wu Wang, Fei Wang, J. Curtiss, D. Miranda, R. G. Percy, M. Ulloa and R. G. Contrell. 2007. Development of gene targeted AFLP marker systems and their applications in cotton breeding and genomics. *Proc. World Cotton Res. Conf.-4*, 10-14 Sept. 2007, Lubbock, TX, USA, DVD, OminPress
- **Zhang Jinfa** and Richard G. Percy. 2007. Improving Upland cotton, *Gossypium hirsutum* by introducing desirable genes from *G. barbadense*. *Proc. World Cotton Res. Conf.-4*, 10-14 Sept. 2007, Lubbock, TX, USA, DVD, OminPress
- **Zhang Jinfa**, H. Gatica, S. Bajaj, R. P. Roberts, C. A. French, Ed. Hughs and R. G. Cantrell. 2007. Comparative field performance of Acala 1517 cultivars released since the 1930s. *Proc. Beltwide Cotton Conf.*, p625-636

- **Zhang Jinf**a, R. G. Cantrell, C. Waddell, E. Hughs, R. P. Roberts and C. A. French. 2007. Development of new Acala germplasm lines with high yield potential and fiber quality. Proc. Beltwide Cotton Conf., p205-216
- Wang Fei, J. McD. Stewart and **Jinf**a **Zhang**. 2007. Molecular markers linked to the *Rf*₂ fertility restorer gene in cotton. Genome 50: 818-824
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- Yu Jiwen, Yu Shuxun, Lu Cairui, Wang Wu, Fan Shuli, Song Meizhen, Lin Zhongxu, Zhang Xianlong and **Jinf**a **Zhang**. 2007. A high-density linkage map of cultivated allotetraploid cotton based on SSR, TRAP, SRAP and AFLP markers. J. Integrated Plant Biol. 49: 716-724
- **Zhang Jinf**a, Yuan Y., C. Niu, Doug J. Hinchliffe, Y. Lu, Shuxun Yu, R. G. Percy and R. G. Cantrell. 2007. AFLP-RGA markers in comparison with RGA and AFLP in cultivated tetraploid cotton. Crop Sci. 47: 180-187
- **Zhang J. F.**, C. Waddell, C. Sengupta-Gopalan, C. Potenza and R. G. Cantrell. 2007. Diallel analysis of root-knot nematode resistance based on galling index in upland cotton. Plant Breed. 126: 164-168
- USDA, NMAES and Cotton Inc. (Percy R. G., **Jinf**a **Zhang** and R. G. Cantrell). 2006. Notice of release of 96 introgressed recombinant inbred cotton germplasm lines.
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- **Zhang Jinf**a, Yingzhi Lu and Shuxun Yu. 2005. Cleaved AFLP (cAFLP), a modified amplified fragment length polymorphism analysis for cotton. Theor. Appl. Genet. 111: 1385-1395

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