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EDUCATION

2003-2006 Ph.D. of Plant Science, Key Laboratory of Photosynthesis and Environmental Molecular Physiology,Institute of Botany, the Chinese Academy of Sciences, Beijing, China

1998-2001 M.Sc. Plant Science, College of Agriculture, Nanjing Agriculture University, Nanjing, China

1991-1995 B.Sc. Biology, College of Life Sciences, Anhui Normal University, Wuhu, China

PUBLISHED PAPERS

1. Chen Mei**,** Tang Yun-Lai, Zhang Jing-Mei, Yang Ming-Feng and Xu Yi-Nong. RNA interference-based suppression of phosphoenolpyruvate carboxylase results in susceptibilty of rapeseed to osmotic stress. Journal of Integrative Plant Biology, 2010, 52(6): 585-592.
2. Chen Mei, Tang Yun-Lai, Ao Jia and Wang Dan, Effects of strontium on photosynthetic characteristics of oilseed rape seedlings. Russian Journal of Plant Physiology, 2012, 59（6）:772-780.
3. Chen Mei, An Bing, Wang Dan and Tang Yun-Lai. Uptake and distrabution of cesium in amaranth (*Amaranthus mangostanus* L.) seedlings. 2011 IEEE International Conference on Waste Recycling, Ecology and Environment, 718-722.
4. Chen Mei and Tang Yun-Lai. Investigation on the detrimental effects of salt stress on photosynthesis of *Spirulina platensis*. Agricultural Science & Technology, 2012, 13(8): 1625-1627.
5. Chen Mei, Tang Yun-Lai, An Bing and Wang Dan. Effects of cesium on photosynthesis characteristics of wheat seedlings. Journal of Anhui University, 2012, 36(5): 107-112.
6. Chen Mei and Tang Yun-Lai. Selection and breeding of high-lipid content microalgae strains. Journal of Anhui Agricultural Science, 2012, 40(24): 12196-12198.
7. Chen Mei and Tang Yun-Lai. Effects of low temperature stress on chlorophyll fluorescence characteristics of corn seedlings. Journal of Inner Mongolia Agricultural University, 2012，33（3）：20-24.

8. Chen Mei and Tang Yun-Lai. Effects of combined Treatment of Ca^{2+} and Sr^{2+} on antioxidant enzymes activities of oilseed rape seedlings. Journal of Anhui Agricultural Science, 2012, 40(25): 12345-12348.

9. Chen Mei, An Bing and Tang Yun-Lai. Different in uptake and accumulation of cesium between amaranth, wheat and maize. Crop Research, 2012, 26(5): 418-423.

10. Chen Mei and Tang Yun-Lai. Chlorophyll fluorescence characteristics of detached leaves of *Ginkgo biloba* L. under high temperature stress. South China Fruits, 2013，42（2）82-85.

11. Chen Mei and Tang Yun-Lai. Advances in transgenic plants for phytoremediation. Biotechnology Bulletin, 2013,（6）7-11.

12. Chen Mei and Tang Yun-Lai. Chlorophyll fluorescence characteristics of Amaranthus tricolor L. under high temperature stress. Chinese Journal of Ecology, 2013, 32(7):1813-1818.

13. Chen Mei, Chen Ya-Hua, Shen Zhen-Guo and Shen Qi-Rong. Alleviation of aluminum toxicity in wheat seedlings by exogenous organic acids. Journal of Plant Physiology and Molecular Biology, 2003, 29(4):281-288.

14. Tang Yun-Lai, Chen Mei, Xu Yi-Nong and Kuang Ting-Yun. Changes in thermostability of photosystem II and leaf lipid composition of rice mutant with deficiency of light-harvesting chlorophyll a/b protein complexes. Journal of Integrative Plant Biology, 2007, 49(4): 515–522.

15. Tang Yun-Lai, Chen Mei, Ao Jia and Wang Dan. Effects of Ca^{2+} concentration on the uptake and distribution of Sr^{2+} in rape (Brassica napus L.) seedlings. Proceedings 2011 IEEE Iternational Conference on Waste Recycling, Ecology and Environment, 726-730.

16. Ao Jia, Tang Yun-Lai, Chen Mei, An Bing and Wang Dan. Effects of Strontium stress on antioxidant characteristics of Oilseed Rape Seedling. Journal of Nuclear Agricultural Sciences, 2010, 24(1): 166-170.

17. An Bing, Tang Yun-Lai, Chen Mei and Wang Dan. Responses of antioxidant capacity to Cs^{+} bioconcentration in wheat. Journal of Nuclear Agricultural Sciences, 2011, 25(2): 348-352.

18. An Bing, Tang Yun-Lai,, Chen Mei Wang Dan and Luo Xue-Gang Yu. Accumulation capability of Cs^{+} and effects of Cs^{+} on antioxidant parameters in maize. Atomic Energy Science and Technology, 2011, 45(10): 1275-1280.

19. Chen Yuan-Yin, Tang Yun-Lai and Chen Mei. Effects nitrogen-limited culture on water content and chlorophyll fluorescence parameters in chlorella sorokiniana. Acta Botanica Boreali-Occidentalia Sinica, 2012, (03): 491-497.

20. Chen Xia, Tang Yun-Lai, Zhou Lu-Lu, Chen Mei and Wang Dan. Accumulation and distribution of uranium in wheat seedlings and the effects of uranium on the photosystem activities. Acta Botanica Boreali-Occidentalia Sinica , 2012, 32（12）：2457-2463.