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Teaching : Postharvest Physiology and Technology related courses

Interested Field : Researches related to postharvest physiology, biochemistry and molecular biology of horticultural crops

Research Program

- **: Effect of ethylene on petal fading in cut *Dendrobium* orchid flower**
- **: A study on postharvest physiology of globba (*Globba* sp.)**
- **: Flower senescence**

Selected Publications

Takagi, K., Okazawa, A., Wada, Y., **Mongkolchaiyaphruek**, **A**., Fukusaki, E., Yoneyama, K., Takeuchi, Y., and Kobayashi, A. (2009) Unique phytochrome responses of the holoparasitic plant *Orobanche minor*. **New Phytologist**, 182: 965-974

Trakulnaleumsai, C., Ketsa, S., and van Doorn, W.G. (2005) Temperature effects on peel spotting in 'Sucrier' banana fruit, **Postharvest Biology and Technology**, 39: 285-290

Okazawa, A., **Trakulnaleamsai, C.**, Hiramatsu, H., Fukusaki, E., Yoneyama, K., Takeuchi, Y., and Kobayashi, A. (2005) Cloning of a cryptochrome homologue from the holoparasitic plant *Orobanche minor* Sm., **Plant Physiology and Biochemistry**, 43: 499-502

Trakulnaleamsai, C., Okazawa, A., An, C., Kajiyama, S., Fukusaki, E., Yoneyama, K., Takeuchi, Y., and Kobayashi, A. (2005) Isolation and Characterization of a cDNA Encoding Phytochrome A in the Non-photosynthetic Parasitic Plant, *Orobanche minor* Sm., **Bioscience Biotechnology and Biochemistry**, 69: 71-78