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Teaching : Plant breeding
Plant molecular genetics

Interested Field : Molecular markers of ornamental and
medicinal plants
Plant tissueculture
Conventional breeding of ornamental plants



Selected Publications

- Sanjan, S. and **S. Wongchaochant**. 2013. Breeding of purple chilli to increase yield and fruit anthocyanin content. *Agricultural Sci. J.* 44 (3) : 229-238.
- Witchutawet, K., Taychasinpitak, T., Jompuk, P. and **S. Wongchaochant**. 2013. Effects of acute gamma irradiation on leaf characteristics of ornamental sweet potato. *Agricultural Sci. J.* 44 (2) : 191-200.
- Abebe, T., **Wongchaochant, S.** and T. Taychasinpitak. 2013. Variation in chemical composition and pasting properties of starches of different potato varieties grown at different locations in Amhara region, Ethiopia. *Kasetsart J. (Nat. Sci.)* 47 (1): 166-181.
- Abebe, T., **Wongchaochant, S.** and T. Taychasinpitak. 2013. Evaluation of specific gravity of potato varieties in Ethiopia as a criterion for determining processing quality. *Kasetsart J. (Nat. Sci.)* 47 (1): 30-41.
- Abebe, T., **Wongchaochant, S.**, Taychasinpitak, T. and Leelapon O. 2012. Variation of mineral concentrations among different potato varieties grown at two distinct locations in Ethiopia. *Kasetsart J. (Nat. Sci.)* 46 (6): 837-850.
- Abebe, T., **Wongchaochant, S.**, Taychasinpitak, T. and Leelapon O. 2012. Dry matter content, starch content and starch yield variability and stability of potato varieties in Amhara region of Ethiopia. *Kasetsart J. (Nat. Sci.)* 46 (5): 671-683.
- Ketmaro, S., Taychasinpitak T., Mongkolchaiyaphruek A. and **S. Wongchaochant**. 2012. Effect of colchicine on increasing pollen viability in a *Curcuma* hybrid (*Curcuma sparganifolia* x *C. parviflora*). *Kasetsart J. (Nat. Sci.)* 46 (3) 363 -370.
- Tonsaipetch, P. and **S. Wongchaochant**. 2012. Development of RAPD-SCAR markers for Phlai selection. *Proceedings of 50th Kasetsart University Annual Conference: Agricultural Extension and Home Economics, Plants.* 50th Kasetsart University Annual Conference, Bangkok. 406-412 p.
- Suwanseree, V. W., Teerakathiti T., **Wongchaochant S.** and T. Taychasinpitak. 2011. Petal color and petal form mutations observed in *Torenia hybrida* following gamma irradiation *in vitro*. *Kasetsart J. (Nat. Sci.)* 45 (4) 656-665.