

Chai-Cheng Huang, Jia-Jang Hung, Shao-Hung Peng, **Ching-Nen Nathan Chen** (corresponding) (2012). Cultivation of a thermo-tolerant microalga in an outdoor photobioreactor: Influences of CO₂ and nitrogen sources on the accelerated growth. *Bioresource Technology* 112:228-233. (SCI, IF 4.3)

Yi-Ying Pan, Suz-Ting Wang, Lu-Te Cuang, Yen-Wei Chang, **Ching-Nen Nathan Chen** (corresponding) (2011). Isolation of thermo-tolerant and high lipid content green microalgae: Oil accumulation is predominantly controlled by photosynthesis efficiency during stress treatments in *Desmodesmus*. *Bioresource Technology* 102:10510-10517. (SCI, IF 4.3)

Suz-Ting Wang, Yi-Ying Pan, Chiu-Chin Liu, Lu-Te Chuang and **Ching-Nen Nathan Chen** (corresponding) (2011). Characterization of a green microalga UTEX 2219-4: Effects of photosynthesis and osmotic stress on oil body formation. *Botanical Studies* 52:305-312. (SCI, IF 0.87)

Ching-Nen Nathan Chen, Hau-Ren Chen, Su-Ying Yeh, Gina Vittore and Tuan-hua David Ho (2009). Autophagy is enhanced and floral development is impaired in *AthVA22d* RNAi *Arabidopsis*. *Plant Physiology* 149: 1679-1689 (SCI, IF: 6.37).

Mei Firestone, Brad Rozema, Keith Earley and **Ching-Nen Nathan Chen** (corresponding) (2007). Identification of *Saccharomyces cerevisiae* YPR1 as a methylglyoxal reducing enzyme: Over-expression enhances oxidative stress tolerance in *E. coli*. *J. Genet. Mol. Biol.* 18: 162-168.