

# Resume

## **Lee Tzan-chain**

### **Current position**

Associate Professor Fellow

Department of Foods and Pharmaceutical Engineering /  
Wuzhou University, Guangxi, China

Columist / scitechvista

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### **Research Interests**

Biochemistry, Biodiversity, Biotechnology, Botany, Cell biology,  
Ecological physiology, Phycology, Horticulture science

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### **Contact**

Email: crane173@yahoo.com.tw

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### **Education**

**2012,** PhD in Life Science,  
Department of Life Science, National Tsing Hua University

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## Events and Activities

### Recent Invited Presentations

2009 Presentation at the Seminar Course: *Disintegration of the cells of siphonous green alga Codium edule (Bryopsidales, Chlorophyta) under mild heat stress*. National Tsing Hua University

2010 Presentation at the Biology Course: *Symbiosis*. Zhu guang junior high school

### Awards Received

2005 "Master's Thesis Scholarship" sponsored by the Archilife Research Foundation

2008 Excellent Life Science (in National Tsing Hua University) poster prize

2008 Scholarship of PhD thesis by Archilife Research Foundation

2009 Excellent Life Science (in National Tsing Hua University) paper prize

2011 First prize in the excellent poster contest

### Membership

Taiwan Society of Sustainable Built Environment (TSSBE)

## **A. (Peer Reviewed Journals)**

- J1 Tzan-Chain Lee and Ban-Dar Hsu (2009) Disintegration of the cells of siphonous green alga *Codium edule* (Bryopsidales, Chlorophyta) under mild heat stress. *Journal of Phycology* 45, 348-356. **【SCI】**
- J2 Tzan-Chain Lee and Ban-Dar Hsu (2013) Characterization of the decline and recovery of heat-treated *Scenedesmus vacuolatus*. *Botanical Studies* 54, 3 **【SCI】**
- J3 Tzan-Chain Lee and Ban-Dar Hsu. (2014) The reversible degeneration of heat-treated *Scenedesmus vacuolatus* under continuous light cultivation condition. *Protoplasma* 251, 1201-1211 **【SCI】**

## **B. (International Conference with peer reviewed)**

- C1 Heat-resistant microalgae are good materials for algae cultivation integrating into the sustainable built environment. International Conference on Sustainable Building 2014 Barcelona, Spain