

## 康利國個人履歷

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經歷：

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藻類學、浮游植物生理生態學、生物海洋學、海洋分子生態學

### (c) 期刊論文

1. **Lee-Kuo Kang**, Feng-Hsiu Tsui, and Jeng Chang (2012) Quantification of diatom gene expression in the sea by selecting uniformly transcribed mRNA as the basis for normalization. *Applied and Environmental Microbiology*, 78: 6051-6058 (SCI, IF:3.829)
2. **Lee-Kuo Kang**, Hsuan-Fan Wang, and Jeng Chang (2011) Diversity of phytoplankton nitrate transporter sequences from isolated single cells and mixed samples from the East China Sea and mRNA quantification. *Applied and Environmental Microbiology*, 77: 122-130 (SCI, IF:3.829)
3. **Lee-Kuo Kang**, Sheng-Ping L. Hwang, Hsing-Juh Lin, Pei-Chung Chen and Jeng Chang (2009) Establishment of minimal and maximal transcript levels for nitrate transporter genes for detecting nitrogen deficiency in the marine phytoplankton *Isochrysis galbana* (Prymnesiophyceae) and *Thalassiosira pseudonana* (Bacillariophyceae). *Journal of Phycology*, 45: 864-872 (SCI, IF:2.071)
4. **Lee-Kuo Kang**, Sheng-Ping L. Hwang, Gwo-Ching Gong, Hsing-Juh Lin, Pei-Chung Chen, and Jeng Chang (2007) Influences of nitrogen deficiency on the expression of ammonium

transporter, nitrate transporter, and glutamine synthetase genes in *Isochrysis galbana* (Isochrysidales, Haptophyta). *Phycologia*, 46:521-533 (SCI, IF:2.000)

(d) 兩岸及國際研討會

1. 康利國, "以基因表現評估海洋浮游植物之營養鹽利用狀態", 第四屆海峽兩岸海洋環境監測及預報技術研討會, 金門大學, 台灣, 2012/11。
2. **Kang, L. K.**, H. F. Wang and J. Chang. Diversity of diatom nitrate transporter genes from isolated single-cells and mixed samples for the establishment of mRNA quantification in the East China Sea. 2010 Phycological Society of America Annual Meeting. Michigan State University, Michigan, USA. 10-13 July 2010。
3. **Kang, L. K.**, S. P. L. Hwang, G. C. Gong, and J. Chang. Evaluating the expression of 3 genes involved in nitrogen uptake and assimilation in a marine Haptophyte, *Isochrysis galbana*. The 13<sup>th</sup> Ocean Science Meeting. Honolulu, Hawaii, USA. 20-24 February 2006.
4. **Kang, L. K.** and P. C. Chen. Cytochemical and electron microscopical observations on the colonization of freshwater pioneer diatoms with their extracellular polymeric substance. The 17<sup>th</sup> International Diatom Symposium. Ottawa, Canada. 25-31 August 2002.
5. **Kang, L. K.**, H. K. Hoang, and P. C. Chen. Microscopic studies on the extracellular polymeric substances of freshwater benthic diatoms. 2001 International Workshop on Advanced Microscopy. National Tsing Hua University, Hsinchu, Taiwan. 8-9 December, 2001.