

期刊論文

1. C.-Y. Shih, W.-C. Liu, T.-H. Kuo, Y.-F. Chan, Y.-C. Lin, G.-C. Gong, L.-K. Kang, and J. Chang*. Temporal variations in the expression of a diatom nitrate transporter gene in coastal waters off northern Taiwan: the roles of nitrate and bacteria. (in review).
2. S.-H. Hung, Y.-H. Lu, C.-C. Chung, C.-Y. Shih, G.-C. Gong, J. Chang* (2021). Sequence comparison and expression analysis of an inferred Na⁺/Pi cotransporter gene in the marine diatom *Skeletonema tropicum*. *Botanica Marina*, 64: 71-80.
3. Y.-C. Lin, L.-K. Kang, C.-Y. Shih, G.-C. Gong, J. Chang* (2018). Evaluation of the relationship between the 18S rRNA/rDNA ratio and population growth in the marine diatom *Skeletonema tropicum* via the application of an exogenous nucleic acid standard. *Journal of Eukaryotic Microbiology*, 65: 792-803.
4. H.-Y. Lin, S.-C. Yen, P.-C. Kuo, C.-Y. Chung, K.-L. Yeh, C.-H. Huang, J. Chang, and H.-J. Lin. (2017). Alkaline phosphatase promoter as an efficient driving element for exogenic recombinant in the marine diatom *Phaeodactylum tricornutum*. *Algal Research*, 23: 59-65.
5. C.-Y. Shih, L.-K. Kang, J. Chang* (2015). Transcriptional responses to phosphorus stress in the marine diatom, *Chaetoceros affinis*, reveal characteristic genes and expression patterns in phosphorus uptake and intracellular recycling. *Journal of Experimental Marine Biology and Ecology*, 470: 43-54.
6. L.-K. Kang, G.-C. Gong, Y.-H. Wu, J. Chang* (2015). The expression of nitrate transporter genes reveals different nitrogen statuses of dominant diatom groups in the southern East China Sea. *Molecular Ecology*, 24, 1374-1386.