

## CURRICULUM VITAE (updated on June 25, 2024)

### Personal data:

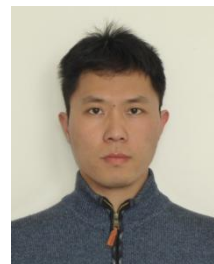
Name (First/Family) (Sex): Yin-Chu WANG (Male)

Date of Birth (age): March 6, 1986 (38)

Nationality: Chinese

Current Address: 17 Chunhui Road, Laishan District, Yantai, 264003

E-mail: [ycwang@yic.ac.cn](mailto:ycwang@yic.ac.cn)



**Degree:** Ph.D. (University of Chinese Academy of Sciences in 2014)

### Education:

2004-2008: National Life Science and Technology Base Class, Yunnan University  
(Degree: Bachelor of Science)

2008-2014: Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences  
(Degree: Ph. D.)

### Positions:

September – December, 2013: Visiting scholar, Rutgers University, USA.

2014-Now: Assistant Professor, Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, Yantai

2021-Now: Director of “Database of Coastal Bioresources of China (No. NBSDC-DB-22)”, National Basic Science Data Center, Beijing

### Recent Five Years Publications (2021-2024):

(# Co-first author; \*Corresponding author)

Xu, T.#, **Wang, Y.-C.#†**, Ma, J., Cui, Y.†, & Wang, L.† (2024). In silico discovery and anti-tumor bioactivities validation of an algal lectin from *Kappaphycus alvarezii* genome. *Int. J. Biol. Macromol.*, 133311. doi: 10.1016/j.ijbiomac.2024.133311

Yu, K., X. Song, J. Zhang, R. Chen, G. Liu, X. Xu, X. Lu, J. Ning, B. Liu, X. Zhang, F. Wang, **Y. Wang†** and C. Wang† (2024). Transcriptomic profiling of the thermal tolerance in two subspecies of the bay scallop *Argopecten irradians*. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics* 101246 doi:10.1016/j.cbd.2024.101246.

Xu, T., Cui, Y., Qin, S. & Y.-C. **Wang†** (2023). Genome-wide analysis of lectins in cyanobacteria: from evolutionary mode to motif patterns. *BMC Genomics* 24, 688.

Zhen, Z.-H., S. Qin, Q.-M. Ren, Y. Wang, Y.-Y. Ma and **Y.-C. Wang†** (2021). "Reciprocal Effect of Copper and Iron Regulation on the Proteome of *Synechocystis* sp. PCC 6803." *Frontiers in Bioengineering and Biotechnology* 9(372).

Ren, Q.#, **Y.C. Wang#**, Y. Lin, Z. Zhen, Y. Cui and S. Qin (2021). "The extremely large

chloroplast genome of the green alga *Haematococcus pluvialis*: Genome structure, and comparative analysis." *Algal Research* 56: 102308.

Liu, H., Y. Cai, Z. Lu, R. Chen, Z. Peng, Y.-C. **Wang†** and X. Peng† (2021). A fast detection model of diatom based on optical microscopy and deep learning. 15th International Conference on Photonics and Imaging in Biology and Medicine. Haikou, China.

Jiao, X., J. Shi, S. Qin, D. Zhao and **Y. Wang†** (2021). "Draft genome sequence data of *Urechis unicinctus*, a marine echiuroid worm." *Data in Brief* 36: 107032.