

# LARGE-SCALE PHOTOBIOREACTORS

## LIST OF REFERENCES

ANGUSELVI, V., EBHIN MASTO, R., MUKHERJEE, A., & KUMAR SINGH, P. (2019). *CO<sub>2</sub> Capture for Industries by Algae. Algae.*

**DOI:10.5772/intechopen.81800**

LI, M., CALTEAU, A., SEMCHONOK, D., ET AL. (2019). *Physiological and Evolutionary Implications of Tetrameric Photosystem I in Cyanobacteria.*

**DOI: 10.1101/544353**

METSOVITI, M. N., PAPAPOLYMEROU, G., KARAPANAGIOTIDIS, I. T., & KATSOULAS, N. (2019). *Effect of Light Intensity and Quality on Growth Rate and Composition of Chlorella vulgaris. Plants, 9(1), 31.*

**DOI:10.3390/plants9010031**

SUKAČOVÁ, K., BÚZOVÁ, D., TRÁVNÍČEK, P. ET AL (2019). *Optimization of microalgal growth and cultivation parameters for increasing bioenergy potential: Case study using the oleaginous microalga Chlorella pyrenoidosa Chick (IPPAS C2). Algal Research 40, 101519.*

**DOI: 10.1016/j.algal.2019.101519**

SHELAEV, I. V., MAMEDOV, M. D., GOSTEV, F. E., ET AL. (2018), *Comparisons of Electron Transfer Reactions in a Cyanobacterial Tetrameric and Trimeric Photosystem I Complexes. Photochem Photobiol, 94: 564-569.*

**DOI:10.1111/php.12886**

CHEN, B.-F., YANG, H.-K., WU, C.-H., LEE, T.-C., & CHEN, B. (2018). *Numerical study of liquid mixing in microalgae-farming tanks with baffles. Ocean Engineering, 161, 168–186.*

**DOI: 10.1016/j.oceaneng.2018.04.088**

DEL RIO-CHANONA, E. A., WAGNER, J. L., ALI, H. ET AL (2018). *Deep Learning based Surrogate Modeling and Optimization for Microalgal Biofuel Production and Photobioreactor Design. AIChE Journal.*

**DOI:10.1002/aic.16473**

SARAYLOO, E., SIMSEK, S., UNLU, Y. S., CEVAHIR, G., ERKEY, C., & KAVAKLI, I. H. (2018). *Enhancement of the lipid productivity and fatty acid methyl ester profile of Chlorella vulgaris by two rounds of mutagenesis. Bioresource Technology, 250, 764–769.*

**DOI:10.1016/j.biortech.2017.11.105**

SINGH KHICHI, S., ANIS, A., & GHOSH, S. (2018). *Mathematical modeling of light energy flux balance in flat panel photobioreactor for Botryococcus braunii growth, CO<sub>2</sub> biofixation and lipid production under varying light regimes. Biochemical Engineering Journal, 134, 44–56.*

**DOI:10.1016/j.bej.2018.03.001**

SEMCHONOK D. A., LI M., BRUCE B. D., ET AL. (2016). *Cryo-EM structure of a tetrameric cyanobacterial photosystem I complex reveals novel subunit interactions. Biochimica et Biophysica Acta (BBA) - Bioenergetics. Volume 1857. Pages 1619–1626.*

**DOI: 10.1016/j.bbabi.2016.06.012**

KOLLER M. AND MARŠÁLEK L. (2015). *Cyanobacterial Polyhydroxyalkanoate Production: Status Quo and Quo Vadis? Current Biotechnology. Volume 4.*

**DOI: 10.2174/2211550104666150917010849**

KING, J. D., LIU, H., HE, G., ET AL. (2014), *Chemical activation of the cyanobacterial orange carotenoid protein, FEBS Letters, 588,*

**DOI: 10.1016/j.febslet.2014.10.024**