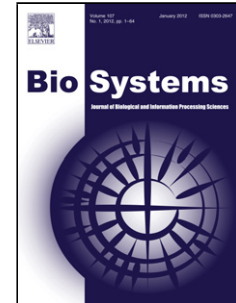


Accepted Manuscript

Title: A model of optimal protein allocation during phototrophic growth

Author: Marjan Faizi Tomáš Zavřel Cristina Loureiro Jan Červený Ralf Steuer



PII: S0303-2647(18)30009-1
DOI: <https://doi.org/doi:10.1016/j.biosystems.2018.02.004>
Reference: BIO 3834

To appear in: *BioSystems*

Received date: 4-1-2018
Revised date: 5-2-2018
Accepted date: 19-2-2018

Please cite this article as: Marjan Faizi, Tomáš Zavřel, Cristina Loureiro, Jan Červený, Ralf Steuer, A model of optimal protein allocation during phototrophic growth, *BioSystems* (2018), <https://doi.org/10.1016/j.biosystems.2018.02.004>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

A model of optimal protein allocation during phototrophic growth

Marjan Faizi¹, Tomáš Zavřel², Cristina Loureiro³, Jan Červený², and Ralf Steuer¹

¹Humboldt-Universität zu Berlin, Institut für Biologie,
Fachinstitut für Theoretische Biologie (ITB), 10115 Berlin, Germany

²Department of Adaptive Biotechnologies, Global Change Research
Institute CAS, Brno, Czech Republic

³Department of Applied Physics, Polytechnic University of
Valencia, Valencia, Spain

February 21, 2018

Corresponding author: ralf.steuer@hu-berlin.de

Keywords: cyanobacteria, photosynthesis, microbial growth laws, resource allocation, systems biology, cellular protein economy

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات