

#### **Application of $^{13}\text{C}$ -[2]- and $^{13}\text{C}$ -[1,2] acetate in metabolic labelling studies of yeast and insect cells**

**Paalme, Toomas; Nisamedtinov, Ildar; Abner, Kristo; Laht, Tiiu-Maie; Drews, Monika; Pehk, Tõnis** Antonie van Leeuwenhoek 2006 / 3/4, p. 443-457 <https://link.springer.com/article/10.1007/s10482-005-9053-7>

#### **The design of unit cells by combining the self-reproduction systems and metabolic cushioning loads**

**Abner, Kristo; Šverns, Peter; Arold, Janar; Lints, Taivo; Eller, Neeme-Andreas; Morell, Indrek; Seiman, Andrus; Adamberg, Kaarel; Vilu, Raivo** Communications biology 2025 / art. 241 <https://doi.org/10.1038/s42003-025-07655-2>

#### **Fotosünteesiva bakteri *Chlorobium thiosulfatophilum* CO<sub>2</sub> fikseerimisreaktsioonide kvantitatiivsed mustrid heterotroofsetes kasvutingimustes**

**Abner, Kristo; Paalme, Toomas; Vilu, Raivo** XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 12-13

#### **Growth characteristics of *Saccharomyces cerevisiae* S288C in changing environmental conditions : auxo-accelerostat study**

**Kasemets, Kaja; Nisamedtinov, Ildar; Laht, Tiiu-Maie; Abner, Kristo; Paalme, Toomas** Antonie van Leeuwenhoek 2007 / p. 109-128 : ill <https://pubmed.ncbi.nlm.nih.gov/17268890/>

#### **Quasi steady state growth of *Lactococcus lactis* in glucose-limited acceleration stat (A-stat) cultures**

**Adamberg, Kaarel; Lahtvee, Petri-Jaan; Valgepea, Kaspar; Abner, Kristo; Vilu, Raivo** Antonie van Leeuwenhoek 2009 / 3, p. 219-226 <https://pubmed.ncbi.nlm.nih.gov/19184516/>

#### **Self-reproduction and doubling time limits of different cellular subsystems**

**Abner, Kristo; Šverns, Peter; Arold, Janar; Morell, Indrek; Lints, Taivo; Medri, Sander; Seiman, Andrus; Adamberg, Kaarel; Vilu, Raivo** npj systems biology and applications 2023 / art. 44, 10 p. : ill <https://doi.org/10.1038/s41540-023-00306-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Single-cell model of prokaryotic cell cycle**

**Abner, Kristo; Aaviksaar, Tõnis; Adamberg, Kaarel; Vilu, Raivo** Journal of theoretical biology 2014 / p. 78-87 : ill <https://doi.org/10.1016/j.jtbi.2013.09.035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Specific growth rate dependent transcriptome profiling of *Escherichia coli* K12 MG1655 in accelerostat cultures**

**Nahku, Ranno; Valgepea, Kaspar; Lahtvee, Petri-Jaan; Erm, Sten; Abner, Kristo; Adamberg, Kaarel; Vilu, Raivo** Journal of biotechnology 2010 / 1, p. 60-65 <https://www.sciencedirect.com/science/article/pii/S0168165609004726>

#### **Steady state growth space study of *Lactococcus lactis* in D-stat cultures**

**Lahtvee, Petri-Jaan; Valgepea, Kaspar; Nahku, Ranno; Abner, Kristo; Adamberg, Kaarel; Vilu, Raivo** Antonie van Leeuwenhoek 2009 / 4, p. 487-496 <https://pubmed.ncbi.nlm.nih.gov/19603284/>

#### **Study of Cells in the Steady|State Growth Space : chapter 9**

**Erm, Sten; Abner, Kristo; Seiman, Andrus; Adamberg, Kaarel; Vilu, Raivo** Continuous biomanufacturing | innovative technologies and methods : innovative technologies and methods 2017 / p. 233-258 <https://doi.org/10.1002/9783527699902.ch9>

#### **The study of the fermentative growth of *Saccharomyces cerevisiae* S288C using auxo-accelerostat technique**

**Kasemets, Kaja; Nisamedtinov, Ildar; Abner, Kristo; Paalme, Toomas** Modern multidisciplinary applied microbiology : exploiting microbes and their interactions 2006 / p. 756-760 : ill <https://doi.org/10.1002/9783527611904.ch135>