

Applications of 15N-labeled yeast hydrolysates in metabolic studies of *Lactococcus lactis* and *Saccharomyces cerevisiae* = 15N-märgistatud pärmihüdrolüsaatide rakendused *Lactococcus lactis*'e ja *Saccharomyces cerevisiae* ainevahetuse uurimisel

Kevvai, Kaspar 2016 <https://digi.lib.ttu.ee/i/25142> https://www.ester.ee/record=b4567660*est

Excess of threonine compared with serine promotes threonine aldolase activity in *Lactococcus lactis* IL1403

Aller, Kadri; Adamberg, Kaarel; Reile, Indrek; Timarova, Veronica; Peebo, Karl; Vilu, Raivo *Microbiology* 2015 / p. 1073-1080 : ill <https://doi.org/10.1099/mic.0.000071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Increased biomass yield of *Lactococcus lactis* by reduced overconsumption of amino acids and increased catalytic activities of enzymes

Adamberg, Kaarel; Seiman, Andrus; Vilu, Raivo *PLoS ONE* 2012 / p. e48223 <https://pubmed.ncbi.nlm.nih.gov/23133574/>

Microcalorimetric study of growth of *Lactococcus lactis* IL1403 at low glucose concentration in liquids and solid agar gels

Kabanova, Natalja; Stulova, Irina; Vilu, Raivo *Thermochimica acta* 2013 / p. 69-75 : ill <https://doi.org/10.1016/j.tca.2013.02.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-omics approach to study the growth efficiency and amino acid metabolism in *Lactococcus lactis* at various specific growth rates

Lahtvee, Petri-Jaan; Adamberg, Kaarel; Arike, Liisa; Nahku, Ranno; Aller, Kadri; Vilu, Raivo *Microbial cell factories* 2011 / Article no. 12 <https://microbialcellfactories.biomedcentral.com/articles/10.1186/1475-2859-10-12>

Nutritional requirements and media development for *Lactococcus lactis* IL1403

Aller, Kadri; Adamberg, Kaarel; Timarova, Veronica; Seiman, Andrus; Feštšenko, Darja; Vilu, Raivo *Applied microbiology and biotechnology* 2014 / p. 5871-5881 : ill <https://doi.org/10.1007/s00253-014-5641-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Protein turnover forms one of the highest maintenance costs in *Lactococcus lactis*

Lahtvee, Petri-Jaan; Seiman, Andrus; Arike, Liisa; Adamberg, Kaarel; Vilu, Raivo *Microbiology* 2014 / p.1501-1512 : ill <https://doi.org/10.1099/mic.0.078089-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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/>

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/>

Utilization of 15N-labelled yeast hydrolysate in *Lactococcus lactis* IL1403 culture indicates co-consumption of peptide-bound and free amino acids with simultaneous efflux of free amino acids

Kevvai, Kaspar; Kütt, Mary-Liis; Nisamedtinov, Ildar; Paalme, Toomas *Antonie van Leeuwenhoek, International Journal of General and Molecular Microbiology* 2014 / p. 511-522 : ill <https://doi.org/10.1007/s10482-013-0103-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)