

Application of ¹³C and fluorescence labeling in metabolic studies of *Saccharomyces* spp

Nisamedtinov, Ildar 2006 <https://digi.lib.ttu.ee/i/?91> https://www.ester.ee/record=b2195814*est

Characterization of potassium, sodium and their interactions effects in yeasts

Ilarionov, Aleksandr; Lahtvee, Petri-Jaan; Kumar, Rahul, 1978- bioRxiv 2020 / 16 p. : ill <https://doi.org/10.1101/2020.10.22.350355>

Cloning of yeast *Candida maltosa* genes, conferring resistance to growth inhibitors, and its use in biotechnology

Sasnauskas, K.; Lebedys, J.; Lebediene, E.; Jomantiene, R. Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 39

Effect of changing environmental conditions on the fermentative growth of *Saccharomyces cerevisiae* S288C: auxo-accelerostat study

Kasemets, Kaja 2006 <https://digikogu.taltech.ee/et/item/63101bc8-ead9-4ce0-a441-1bd6815b7cd9> https://www.ester.ee/record=b2158103*est

Ethylene glycol metabolism in the oleaginous yeast *Rhodotorula toruloides*

Senatore, Vittorio Giorgio; Rekena, Alina; Mapelli, Valeria; Lahtvee, Petri-Jaan; Branduardi, Paola Applied Microbiology and Biotechnology 2025 / art. 114 <https://doi.org/10.1007/s00253-025-13504-3>

Evaluation of enzyme-constrained genome-scale model through metabolic engineering of anaerobic co-production of 2,3-butanediol and glycerol by *Saccharomyces cerevisiae*

Sjöberg, Gustav; Rekena, Alina; Fornstad, Matilda; Lahtvee, Petri-Jaan; Van Maris, Antonius J. A. Metabolic engineering 2024 / p. 49-59 <https://doi.org/10.1016/j.jymben.2024.01.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exploring the potential of microbial biomass and microbial extracted oils in tribology: a sustainable frontier for environmentally acceptable lubricants

Bernat, Szymon; Di Bartolomeo, Francesca; Armada, Sergio; Valaker, Emil; Bonturi, Nemailla; Koseto, Deni; Haugen, Tone; Kvernbraten, Ann-Karin; Stavarek, Petr; Vecer, Marek; Zelenka, Ladislav Green chemistry letters and reviews 2024 / art. 2330644 <https://doi.org/10.1080/17518253.2024.2330644> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Formation of the abundance of microfungi on the barley grain grown as pure and mixed crops in Central and North Estonia

Akk, Elina; Lõiveke, Heino; Edesi, Liina; Kütt, Mary-Liis; Lauringson, Enn; Kastanje, Veiko Estonian journal of ecology 2013 / lk. 265-275 : ill https://artiklid.elnet.ee/record=b2651620*est <https://doi.org/10.3176/eco.2013.4.03> [Journal metrics at Scopus](#) [Article at Scopus](#)

Genome-scale modelling-based discovery of metabolic strategies in oleaginous yeast *Rhodotorula toruloides*

Rekena, Alina; Pinheiro, Marina J.; Bonturi, Nemailla; Belouah, Isma; Tammekivi, Eliise; Herodes, Koit; Kerkhoven, Eduard J.; Lahtvee, Petri-Jaan 8th conference on physiology of yeasts and filamentous fungi (PYFF8) : abstract book 2023 / p. 47-48 https://efbiotechnology.org/images/uploads/PYFF8_Abstract_book.pdf

Metabolic flux analysis of compartmentalized systems using dynamic isotopologue modeling = Isotopoloogilise modelleerimise rakendamine heterogeensete bioloogiliste süsteemide ainevahetusvoo analüüsis

Schryer, David 2012 https://www.ester.ee/record=b2776763*est

Mikrobioloogia. Üldjuhend pärmide ja hallituste arvu määramiseks. Kolooniate loendamise tehnika 25 C juures

Türk, Karin-Tiiu; Krosing, Valve; Redel, Lehti; Siig, Anne 1999 https://www.ester.ee/record=b1300432*est

Nitrogen availability and utilisation of oligopeptides by yeast in industrial scotch grain whisky fermentation

Berg, Hidde Yael; Arju, Georg; Nisamedtinov, Ildar Journal of the American Society of Brewing Chemists 2025 / p. 88-100 : ill <https://doi.org/10.1080/03610470.2024.2389608>

Production and characterization of an exopolysaccharide from an oleaginous yeast

Hamacek, Henrique Sepulveda Del Rio; Tingajeva, Oksana; Lahtvee, Petri-Jaan; Kumar, Rahul, 1978- Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 35 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Quantitative omics-level analysis of growth rate dependent energy metabolism in *Lactococcus lactis* = Kvantitatiivsetel oomika-meetoditel põhinev kasvuerikiirusest sõltuv *Loctococcus lactis*'e energiametabolismi analüüs

Lahtvee, Petri-Jaan 2012 https://www.ester.ee/record=b2931362*est

Quantitative systems biology analysis of lipid-producing yeast *Rhodotorula toruloides* cultivation

Rekena, Alina; Pinheiro, Marina Julio; Pals, Kristjan; Belouah, Isma; Bonturi, Nemailla; Gavrilovic, Srdjan; Kerkhoven, Eduard Johannes; Lahtvee, Petri-Jaan FEBS3+ Baltics : Biochemistry at the Fore Line : Abstract Book 2025 / p. 69 [FEBS3+ Abstract Book \(PDF\)](#)

Radiotaajuisen säteilyn vaikutus hiivasienten, homeiden ja mikrobien kasvuun

Ahonen, Mikko; Lehto, Timo; **Koppel, Tarmo** Sisäilmastoseminaari 2019 : 14.3.2019 2019 / p. 375–380
https://www.sisailmautiset.fi/Sisailmastoseminaari_2019.pdf

Toxicological profiling of silver and copper oxide nanoparticles on *Saccharomyces cerevisiae* BY4741 wild-type and its single-gene deletion mutants = Hõbeda ja vaskoksiidi nanoosakeste toksilisuse iseloomustamine pärmis *Saccharomyces cerevisiae* BY4741 metsiktüvele ning geenikatkestus-mutantidele

Käosaar, Sandra 2018 <https://digi.lib.ttu.ee/i/?10627> https://www.ester.ee/record=b5151210*est

Иммобилизация клеток дрожжей *Saccharomyces cerevisiae* с целью получения инвертного сахара

Kalbin, Georgi; Koroljova, J.; Arhangel'skaja, Natalia Биоконверсия-88 : теоретические основы микробной конверсии : тезисы докладов конференции 1988 / с. 56 https://www.ester.ee/record=b2023381*est