

Comparison of stability of glutathione and related synthetic tetrapeptides by HPLC and capillary electrophoresis
Mahlapuu, Riina; Vaher, Merike; Ehrlich, Kersti; Kaljurand, Mihkel; Soomets, Ursel Journal of peptide science 2006 / 12, p. 796-799 : ill

Dimerisation of glutathione analogues in the presence of cellular redox cycle enzymes

Mahlapuu, Riina; Vaher, Merike; Ida, Katrin; Viiriald, Säde; Kaljurand, Mihkel; Soomets, Ursel NoSSS2009 : 5th Conference on Separation and Related Techniques by Nordic Separation Science Society : 26-29 August, 2009, Tallinn University of Technology, Estonia : abstract book and program 2009 / p. 112

Glutathione accumulation in ethanol-stat fed-batch culture of Saccharomyces cerevisiae with a switch to cysteine feeding

Nisamedtinov, Ildar; Kewai, Kaspar; Orumets, Kerti; Rautio, Jari; Paalme, Toomas Applied microbiology and biotechnology 2010 / 1, p. 175-183 : ill https://www.researchgate.net/publication/41850043_Glutathione_accumulation_in_ethanol-stat_fed-batch_culture_of_Saccharomyces_cerevisiae_with_a_switch_to_cysteine_feeding

Glutatiooni analoogide mõju raku redokstsükli ensüümide aktiivsusele

Mahlapuu, Riina; Vaher, Merike; Ida, Katrin; Soomets, Ursel XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 52

Investigation of endogenous antioxidants and their synthetic analogues by capillary electrophoresis = Endogeensete antioksidantide ja nende sünteetiliste analoogide uurimine kapillaarelektroforeesi meetodil

Kazarjan, Jana 2016 https://www.ester.ee/record=b4535586*est

Investigation of the surfactant type and concentration effect on the retention factors of glutathione and its analogues by micellar electrokinetic chromatography

Kazarjan, Jana; Mahlapuu, Riina; Hansen, Mats; Soomets, Ursel; Kaljurand, Mihkel; Vaher, Merike Journal of separation science 2015 / p. 3461-3468 : ill <https://doi.org/10.1002/jssc.201500567> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Metabolic changes underlying the higher accumulation of glutathione in Saccharomyces cerevisiae mutants

Nisamedtinov, Ildar; Kewai, Kaspar; Orumets, Kerti; Arike, Liisa; Sarand, Inga; Korhola, Matti; Paalme, Toomas Applied microbiology and biotechnology 2011 / 4, p. 1029-1037 : ill <https://pubmed.ncbi.nlm.nih.gov/21052993/>

Metabolic changes underlying the higher accumulation of glutathione in saccharomyces cerevisiae mutants

Orumets, Kerti; Nisamedtinov, Ildar; Kevvai, Kaspar; Arike, Liisa; Sarand, Inga; Korhola, Matti; Paalme, Toomas Food and nutrition = Toit ja toitumine. XVII : book of abstracts : the 5th Baltic Conference on Food Science and Technology : Foodbalt-2010 2010 / p. 112 <https://pubmed.ncbi.nlm.nih.gov/21052993/>

Molecular mechanisms controlling intracellular glutathione levels in baker's yeast Saccharomyces cerevisiae and a random mutagenized glutathione over-accumulating isolate = Rakusisesed glutatiooni taset kontrollivad molekulaarsed mehhanismid pagaripärmis Saccharomyces cerevisiae ja selle juhuslikul mutageneesil saadud glutatiooni üleakumuleerivas isolaadis

Orumets, Kerti 2012 https://www.ester.ee/record=b2931326*est

Monitoring the redox cycle of low-molecular peptides using a modified target plate in MALDI-MS

Borissova, Maria; Mahlapuu, Riina; Vaher, Merike Talanta 2010 / p. 274-280 <https://pubmed.ncbi.nlm.nih.gov/21035675/>

Multilevel control of GSH accumulation in mutant and wild-type Strains of S. cerevisiae under conditions of smooth cysteine addition

Nisamedtinov, Ildar; Orumets, Kerti; Kewai, Kaspar; Viiard, Ene; Sarand, Inga; Paalme, Toomas IBIC 2010 : 2nd International Conference on Industrial Biotechnology : April 11-14, 2010, Padua, Italy 2010 / p. 91-96 <https://www.aidic.it/cet/10/20/016.pdf>

Pärmi paljud paled :[uuringutest TTÜ toiduainete instituudis]

Nisamedtinov, Ildar Horisont 2012 / lk. 44-47 : ill https://artiklid.elnet.ee/record=b2490068*est

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

Separation of glutathione and its novel analogues and determination of their dissociation constants by capillary electrophoresis

Kazarjan, Jana; Vaher, Merike; Mahlapuu, Riina; Hansen, Mats; Soomets, Ursel; Kaljurand, Mihkel Electrophoresis 2013 / p. 1820-1827 : ill <https://doi.org/10.1002/elps.201200611> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

YAP1 over-expression in Saccharomyces cerevisiae enhances glutathione accumulation at its biosynthesis and

substrate availability levels

Orumets, Kerti; Kevvai, Kaspar; Nisamedtinov, Ildar; Tamm, Tiina; Paalme, Toomas Biotechnology journal 2012

<https://pubmed.ncbi.nlm.nih.gov/22009669/>