

A novel form of neurotensin post-translationally modified by arginylation

Eriste, Elo; Norberg, Ake; Nepomuceno, D.; Kuei, C.; Kamme, F.; Tran, D.T.; Strupat, K.; Jörnvall, Hans; Liu, C.; Lovenberg, T.W.; Sillard, Rannar Journal of biological chemistry 2005 / 42, p. 35089-35097 <https://pubmed.ncbi.nlm.nih.gov/16087676/>

Activation in organic and macromolecular including peptide synthesis by fluorinated carboxylic acids and derivatives

Percec, Virgil; Adamson, Jasper; Maurya, Devendra S. European journal of organic chemistry 2025 / 11 p. <https://doi.org/10.1002/ejoc.202500776>

Activation of 11R-lipoxygenase is fully Ca²⁺-dependent and controlled by the phospholipid composition of the target membrane

Järving, Reet; Löökene, Aivar; Kurg, Reet; Siimon, Liina; Järving, Ivar; Samel, Nigulas Biochemistry 2012 / p. 3310-3320 : ill <https://pubs.acs.org/doi/10.1021/bi201690z>

Apolipoprotein A-V interaction with members of the low density lipoprotein receptor gene family

Nilsson, Stefan; Löökene, Aivar; Beckstead, Jennifer; Gliemann, Jorgen; Ryan, Robert; Olivecrona, Gunilla Biochemistry 2007 / 12, p. 3896-3904 : ill <https://pubs.acs.org/doi/10.1021/bi7000533#:~:text=Experiments%20using%20surface%20plasmon%20resonance,low%20density%20lipoprotein%20receptor%20family>

Apolipoprotein C-II : the re-emergence of a forgotten factor

Wolska, Anna; Reimund, Mart; Remaley, Alan T. Current opinion in lipidology 2020 / p. 147-153 <https://doi.org/10.1097/MOL.0000000000000680> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Apolipoprotein C-II mimetic peptide is an efficient activator of lipoprotein lipase in human plasma as studied by a calorimetric approach

Reimund, Mart; Wolska, Anna; Risti, Robert; Wilson, Sierra; Sviridov, Denis O.; Remaley, Alan T.; Löökene, Aivar Biochemical and biophysical research communications 2019 / p. 67-72 <https://doi.org/10.1016/j.bbrc.2019.08.130> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of the UHPLC-DIA-HRMS method for determination of cheese peptides

Arju, Georg; Taivosalo, Anastassia; Pismennõi, Dmitri; Lints, Taivo; Vilu, Raivo; Daneberga, Zanda; Vorslova, Svetlana; Renkonen, Risto; Joenvaara, Sakari Foods 2020 / art. 979, 11 p. : ill <https://doi.org/10.3390/foods9080979> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Binding of zinc(II) and copper(II) to the full-length Alzheimer's amyloid-[beeta] peptide

Tõugu, Vello; Karafin, Ann; Palumaa, Peep Journal of neurochemistry 2008 / p. 1249-1259 : ill <https://pubmed.ncbi.nlm.nih.gov/18289347/>

Biodegradation studies of a series of dipeptide based ionic liquids and their transformation products [Online resource]

Raba, Grete; Kapitanov, Illia; Karpichev, Yevgen; Kümmerer, Klaus; Vilu, Raivo; Gathergood, Nicholas Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>

Biodegradation studies of a series of dipeptide based ionic liquids and their transformation products

Raba, Grete; Kapitanov, Illia; Karpichev, Yevgen; Kümmerer, Klaus; Vilu, Raivo; Gathergood, Nicholas IUPAC Postgraduate Summer School on Green Chemistry : 7-13 July 2018, Venice - Italy : book of abstracts 2018 / p. 25 https://www.unive.it/pag/fileadmin/user_upload/extra/SSGC/documenti/Book_of_abstracts_per_website_23_July.pdf

Biophysical studies of the amyloid beta-peptide : interactions with metal ions and small molecules

Wärmländer, Sebastian K.T.S.; Tiiman, Ann; Abelein, Axel Chembiochem : a European journal of chemical biology 2013 / p. 1692-1704 : ill <https://doi.org/10.1002/cbic.201300262> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

¹³C- and ¹⁵N-labeling of amyloid-β and inhibitory peptides to study their interaction via nanoscale infrared spectroscopy

Paul, Suman; Jenišťová, Adéla; Vosough, Faraz; Berntsson, Elina; Mörman, Cecilia; Jarvet, Jüri; Gräslund, Astrid; Wärmländer, Sebastian K.T.S.; Barth, Andreas Communications Chemistry 2023 / art. 163 <https://doi.org/10.1038/s42004-023-00955-w> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Caseins from bovine colostrum and milk strongly bind piscidin-1, an antimicrobial peptide from fish

Kütt, Mary-Liis; Stagsted, Jan International journal of biological macromolecules 2014 / p. 364-372 : ill <https://doi.org/10.1016/j.ijbiomac.2014.06.063> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Copper(II) ions and the Alzheimer's amyloid-β peptide : affinity and stoichiometry of binding

Cu(II) partially protects three histidine residues and the N-terminus of amyloid- β peptide from diethyl pyrocarbonate (DEPC) modification

Friedemann, Merlin; Tõugu, Vello; Palumaa, Peep FEBS Open Bio 2020 / p. 1072-1081 <https://doi.org/10.1002/2211-5463.12857>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development and implementation of high throughput peptidomics for microbial studies = Suure läbilaskevõimega peptidoomika meetodite arendamine ja juurutamine mikrobioloogilisteks uuringuteks

Arju, Georg 2022 <https://doi.org/10.23658/taltech.72/2022> <https://digikogu.taltech.ee/et/Item/321e304a-71ec-4331-9459-2ceba20d42ae>
https://www.ester.ee/record=b5530395*est

Direct competition of ATCUN peptides with human serum albumin for copper(II) ions determined by LC-ICP MS

Noormägi, Andra; Golubeva, Tatjana; Berntsson, Elina; Wärmländer, Sebastian K.T.S.; Tõugu, Vello; Palumaa, Peep ACS omega 2023 / p. 33912–33919 <https://doi.org/10.1021/acsomega.3c04649> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Divergent access to histone deacetylase inhibitory cyclopeptides via a late-stage cyclopropane ring Cleavage strategy. Short synthesis of Chlamydocin

Elek, Gabor Zoltan; Koppel, Kaur; Zubrytski, Dzmitry M.; Konrad, Nele; Järving, Ivar; Lopp, Margus; Kananovich, Dzmitry Organic letters 2019 / p. 8473-8478 : ill <https://doi.org/10.1021/acs.orglett.9b03305> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Divergent access to histone deacetylase inhibitory cyclopeptides via a late-stage cyclopropane ring Cleavage strategy. Short synthesis of Chlamydocin

Elek, Gabor Zoltan ESOC 2019 : 21st European Symposium on Organic Chemistry, July 14-18, 2019, Vienna, Austria : abstracts 2019 / PO-381 ; p. 143 http://esoc2019.conf.tuwien.ac.at/fileadmin/ESOC2019/files/ESOC2019_web.pdf

Eesti teadlaste loodud meetod teeb ravimitootmise keskkonnasõbralikumaks [Võrguväljaanne]

Aav, Riina novaator.err.ee 2020 / fot [Eesti teadlaste loodud meetod teeb ravimitootmise keskkonnasõbralikumaks](#)

Effect of enzymelassisted hydrolysis on brewer's spent grain protein solubilization – peptide composition and sensory properties

Kriisa, Merike; Taivosalo, Anastassia; Föste, Maike; Kütt, Mary-Liis; Viirma, Maret; Priidik, Reimo; Korzeniowska, Malgorzata; Tian, Ye; Laaksonen, Oskar; Yang, Baoru; Vilu, Raivo Applied Food Research 2022 / art. 100108
<https://doi.org/10.1016/j.afres.2022.100108>

Effect of Zn(II) and Cu(II) ions on aggregation and fibrillation of amyloid-beta(1-42) peptide

Palumaa, Peep; Karafin, Ann; Zovo, Kairit; Chung, Roger S.; Howells, Claire; West, Adrian K.; Tõugu, Vello Sinapsa Neuroscience Conference '09 : Ljubljana, 26-29 September 2009 : abstract book 2009 / p. 34

Evaluation of transportan 10 in PEI mediated plasmid delivery assay

Kilk, K.; El-Andaloussi, S.; Jarver, P.; Meikas, A.; Valkna, Andres; Bartfai, T.; Kogerman, Priit; Metsis, Madis; Langel, Ülo Journal of controlled release 2005 / 2, p. 511-523 <https://pubmed.ncbi.nlm.nih.gov/15763630/>

Identification and characterization of bioactive peptides with antimicrobial and immunoregulating properties derived from bovine colostrum and milk = Antimikroobsete ja immuunsüsteemi stimuleerivate omadustega bioaktiivsete peptiidide identifitseerimine ja karakteriseerimine lehma piimast ja kolostrumist

Kütt, Mary-Liis 2015 https://www.ester.ee/record=b4461995*est

Identification of antimicrobial and hostdefense peptides from monkfish waste

Kütt, Mary-Liis; Kodis, Ingrid; Stagsted, Jan Food and nutrition = Toit ja toitumine. XVII : book of abstracts : the 5th Baltic Conference on Food Science and Technology : Foodbalt-2010 2010 / p. 104-105
https://www.researchgate.net/publication/294872356_Identification_of_Antimicrobial_and_Host-Defense_Peptides_from_Monkfish_Waste

Immunochemical inhibition of rennet enzymes assayed by using casein and synthetic hexapeptide as substrates

Pavlikova, S.; Friedenthal, Margus; Bakirov, Maiu; Brezina, P.; Kaš, J.; Rauch, P. Symposium of Bioanalytical Methods : abstract book 1990 / p. 125

In vitro fibrillization of Alzheimer's amyloid- β peptide (1-42)

Tiiman, Ann; Krištal, Jekaterina; Palumaa, Peep; Tõugu, Vello AIP advances 2015 / p. 092401-1 - 092401-12 : ill
<https://doi.org/10.1063/1.4921071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

INSL5 is a high affinity specific agonist for GPCR142(GPR100)

Liu, C.; Kuei, C.; Sutton, S.; Chen, J.; Bonaventure, P.; Wu, J.; Nepomuceno, D.; Kamme, F.; Tran, D.T.; Zhu, J.; Wilkinson, T.; Bathgate, R.; Eriste, Elo; Sillard, Rannar; Lovenberg, T.W. Journal of biological chemistry 2005 / 1, p. 292-300

[https://www.sciencedirect.com/science/article/pii/S0021925820765919#:~:text=Insulin%2Dlike%20peptide%20%20\(INSL5,receptor%20has%20no%20been%20identified.](https://www.sciencedirect.com/science/article/pii/S0021925820765919#:~:text=Insulin%2Dlike%20peptide%20%20(INSL5,receptor%20has%20no%20been%20identified.)

Interactions of Alzheimer's amyloid- β peptides with Zn(II) and Cu(II) ions = Alzheimeri amüloid- β peptiidide interaktsioonid Zn(II) ja Cu(II)ioonidega

Tiiman, Ann 2012 https://www.ester.ee/record=b2866174*est

Interactions of metal ions with peptides and proteins related to Alzheimer's disease = Metallioonide interaktsioonid Alzheimeri tõvega seotud peptiidide ja valkudega

Berntsson, Elina 2025 https://www.ester.ee/record=b5720764*est <https://doi.org/10.23658/taltech.5/2025>
<https://digikogu.taltech.ee/et/Item/ccd57cc9-0670-4c08-b9b8-9bc359475486>

Interactions of zinc(II) and copper(II) to the full-length Alzheimer's amyloid-B peptide in vitro

Karafin, Ann; Palumaa, Peep; Tõugu, Vello FEBS journal 2008 / Suppl. 1, p. 222

Internalisation of cell-penetrating peptides into tobacco protoplasts

Mäe, Maarja; Myrberg, Helena; Jiang, Yang; Paves, Heiti; Valkna, Andres; Langel, Ülo Biochimica et biophysica acta : biomembrans 2005 / 2, p. 101-107 : ill <https://pubmed.ncbi.nlm.nih.gov/15893512/>

Interplay of monosaccharide configurations on the deacetylation with Candida Antarctica Lipase-m

Hunt, Kaarel Erik; Miller, Annette; Liias, Kristin; Jarg, Tatsiana; Kriis, Kadri; Kanger, Tõnis Journal of organic chemistry 2025 / p. 663-671 <https://doi.org/10.1021/acs.joc.4c02582>

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, Urel; 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](#)

Late-stage cyclopropane ring cleavage strategy in the synthesis of bioactive tetrapeptides - inhibitors of histone deacetylase

Elek, Gabor Zoltan; Koppel, K.; Lopp, Margus; Kananovich, Dzmitry 4th Organic Chemistry Congress with International Participation, October 4-7, 2018, Side, Turkey : Congress Agenda 2019 / 1 p <https://orgchemtr-4.meetinghand.com/projectData/731/webData/Congress-Agenda.pdf>

Mechanochemical synthesis of amides with uronium-based coupling reagents : a method for hexa-amidation of biotin[6]uril

Dalidovich, Tatsiana; Mishra, Kamini Atindrakumar; Shalima, Tatsiana; Kudrjašova, Marina; Kananovich, Dzmitry; Aav, Riina ACS sustainable chemistry & engineering 2020 / p. 15703-15715 : ill <https://doi.org/10.1021/acssuschemeng.0c05558> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mercury ion binding to apolipoprotein E variants ApoE2, ApoE3, and ApoE4 : similar binding affinities but different structure induction effects

Berntsson, Elina; Sardis, Merlin; Noormägi, Andra; Jarvet, Jüri; Roos, Per M.; Tõugu, Vello; Gräslund, Astrid; Wärmländer, Sebastian K.T.S. ACS omega 2022 / p. 28924-28931 <https://doi.org/10.1021/acsomega.2c02254> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Molecular dynamics simulations on PGLa using NMR orientational constraints

Sternberg, Ulrich; Witter, Raiker Journal of biomolecular NMR 2015 / p. 265-274 : ill <https://doi.org/10.1007/s10858-015-9983-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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/>

Nanostructure-assisted laser desorption/ionization (NALDI) for analysis of peptides in milk and colostrum

Kütt, Mary-Liis; Malbe, M.; Stagsted, Jan Agronomy research 2011 / p. 415-430 : ill <https://agronomy.emu.ee/vol09Spec2/p09s206.pdf>

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>

Novel analogues of the Chikungunya virus protease inhibitor: molecular design, synthesis, and biological evaluation

Ivanova, Larisa; Rausalu, Kai; **Ošeka, Maksim; Kananovich, Dzmitry**; Žusinaite, Eva; Tammiku-Taul, Jaana; **Lopp, Margus**; Merits, Andres; Karelson, Mati ACS omega 2021 / p. 10884–10896 <https://doi.org/10.1021/acsomega.1c00625> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oligopeptides as a nitrogen source for *Saccharomyces cerevisiae* in industrial fermentations : a study to oligopeptide uptake and transporter function in practical applications = Oligopeptiidid *Saccharomyces cerevisiae* lämmastikuallikana tööstuslikes käätusprotsessides : uuring oligopeptiidide omastamisest ja peptiidide transporterite funktsioonidest praktilistes rakendustes

Berg, Hidde Yael 2024 https://www.ester.ee/record=b5712266*est <https://digikogu.taltech.ee/et/Item/91602f4e-a430-4654-9aac-0935c78efdb9> <https://doi.org/10.23658/taltech.69/2024>

Parahydrogen hyperpolarized NMR detection of underivatized short oligopeptides

Reimets, Nele; Ausmees, Kerti; Vija, Sirje; Trummal, Aleksander; Uudsemaa, Merle; Reile, Indrek Analyst 2023 / p. 5407-5415 : ill <https://doi.org/10.1039/d3an01345f> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Peptides : an underestimated nitrogen source for yeast in food fermentations

Nisamedtinov, Ildar; Mooses, Kaspar; **Kevvai, Kaspar; Saaremets, Signe** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 15

A phenotypic approach to probing cellular outcomes using heterobivalent constructs

Bhadoria, Rohit; Ping, Kefeng; Lohk, Christer; Järving, Ivar; Starkov, Pavel Chemical Communications 2020 / p. 4216 - 4219 <https://doi.org/10.1039/c9cc09595k> <https://pubs.rsc.org/en/content/articlelanding/2020/cc/c9cc09595k> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Production of labelled recombinant proteins in fed-batch system in *Escherichia coli* = Märjastatud rekombinantsete valkude tootmine *Escherichia coli* fed-batch süsteemides

Tomson, Katrin 2007 https://www.ester.ee/record=b2324657*est

Prolüini efekti kvantkeemiline modelleerimine peptiidide konformatsioonile

Sak, Katrin XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 126

Protoni transport peptiidides

Metsala, Andrus; Schlag, E.W. XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 64-65

PVA-VLP based melanoma peptide vaccine trial on mice : [poster abstract]

Papkina, Jekaterina; Paalme, Viuu; Pahtma, Merlis; Nutt, Anu; Viisileht, Edda; Roos, Kristine; Järvekülg, Lilian; Rüütel Boudinot, Sirje Symposium "HCV animal models and vaccine development" : Thursday, 16th - Friday, 17th May 2013 Meriton Grand Conference and SPA Hotel, Tallinn, Estonia 2013 / p. 33

Quantum chemical modeling of the effect of proline residues on peptide conformation

Sak, Katrin 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 137

Rational design of a series of novel amphipathic cell-penetrating peptides

Regberg, Jakob; Srimanee, Artita; Dobchev, Dimitar A.; Karelson, Mati International journal of pharmaceutics 2014 / p. 111-116 : ill <https://doi.org/10.1016/j.ijpharm.2014.01.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reaction of the XPA zinc finger with S-nitrosoglutathione

Smirnova, Julia; Zhukova, Liliya; Witkiewicz-Kucharczyk, Aleksandra; Kopera, Edyta; Oledzki, Jacek; Wyslouch-Cieszynska, Aleksandra; **Palumaa, Peep**; Hartwig, Andrea; Bal, Wojciech Chemical research in toxicology 2008 / p. 386-392 : ill <https://pubs.acs.org/doi/10.1021/tx700297f>

Redox and metal ion binding properties of human insulin-like growth factor 1 determined by electrospray ionization mass spectrometry

Smirnova, Julia; Muhhina, Jekaterina; Tõugu, Vello; Palumaa, Peep Biochemistry 2012 / p. 5851-5859 : ill <https://pubs.acs.org/doi/10.1021/bi300494s>

Residue-specific binding of Ni(II) ions influences the structure and aggregation of amyloid beta (A β) peptides

Berntsson, Elina; Vosough, Faraz; Svantesson, Teodor; Pansieri, Jonathan; Iashchishyn, Igor A.; Ostojić, Lucija; Dong, Xiaolin; Paul, Suman; Jarvet, Jüri; Roos, Per M.; Gräslund, Astrid; Wärmländer, Sebastian K.T.S. Scientific Reports 2023 / art. 3341 <https://doi.org/10.1038/s41598-023-29901-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The role of Opt and Fot oligopeptide transporters in covering the yeast nitrogen need during fermentation in a peptide rich environment

Berg, Hidde Yael; Arju, Georg; Becerra-Rodriguez, Carmen; Galeote, Virginie; **Nisamedtinov, Ildar** 8th conference on physiology of yeasts and filamentous fungi (PYFF8) : abstract book 2023 / p. 151-152

https://efbiotechnology.org/images/uploads/PYFF8_Abstract_book.pdf

Selective deprotection of ester groups in pyranoses with *Candida Antarctica* Lipase-B

Hunt, Kaarel Erik; Vilu, Raivo; Kanger, Tõnis Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. P41, p. 60 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf

Short synthesis of chlamydocin and related histone deacetylase inhibitors via late-stage cyclopropane ring cleavage strategy [Online resource]

Elek, Gabor Zoltan; Koppel, Kaur; Lopp, Margus; Kananovich, Dzmitry Tartu Ülikooli ASTRA projekt PER ASPERA Funktsionaalsete materjalide ja tehnoloogiate doktorikool : teesid 2019 2019 / 1 p. : ill http://fmdtk.ut.ee/wp-content/uploads/2019/02/FMTDK_konverents_2019_teesid_Elek.pdf

Substitution of the Methionine Axial Ligand of the T1 copper for the fungal-like Phenylalanine Ligand (M298F) causes local structural perturbations that lead to thermal instability and reduced catalytic efficiency of the small Laccase from *Streptomyces coelicolor* A3(2)

Zovo, Kairit; Pupart, Hegne; Van Wieren, Arie; Gillilan, Richard E.; Lukk, Tiit ACS omega 2022 / p. 6184-6194 <https://doi.org/10.1021/acsomega.1c06668> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Zn(II) and Cu(II)-induced non-fibrillar aggregates of amyloid-[beta](1-42) peptide are transformed to amyloid fibrils both spontaneously and under the influence of metal chelators

Tõugu, Vello; Karafin, Ann; Zovo, Kairit; Chung, Roger S.; Howells, Claire; West, Adrian; Palumaa, Peep Journal of neurochemistry 2009 / 6, p. 1784-1795 : ill <https://pubmed.ncbi.nlm.nih.gov/19619132/>

TalTechi keemikute uus meetod muudab ravimitootmise oluliselt keskkonnasõbralikumaks

Mente et Manu 2020 / lk. 32-33 <https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf> <https://doi.org/10.1021/acssuschemeng.0c05558>

Tetrapeptiidi histooni deatsetülaasi inhibiitori ehituskivide divergentne süntees

Elek, Gabor Zoltan; Koppel, K.; Konrad, Nele; Lopp, Margus; Kananovich, Dzmitry XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 13 : ill https://www.ester.ee/record=b5208044*est

The dipeptide cyclic(glycyltryptophanyl) in the gas phase : aastal concerted action of density functional calculations, S-O-S-1 two-photon ionization, spectral UV/UV hole burning and laser photoelectron spectroscopy

Wiedemann, S.; Metsala, Andrus; Nolting, D. Physical chemistry chemical 2004 / 10, p. 2641-2649 <https://pubs.rsc.org/en/content/articlelanding/2004/cp/b316185d>

Unlocking the secrets of peptide transport in wine yeast: insights into oligopeptide transporter functions and nitrogen source preferences

Berg, Hidde Yael; Arju, Georg; Becerra-Rodriguez, Carmen; Galeote, Virginie; Nisamedtinov, Ildar Applied and environmental microbiology 2023 / art. e0114123 <https://doi.org/10.1128/aem.01141-23> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Vaskioonide roll Alzheimeri amüloidse beeta peptiidi [p. o. peptiidi] agregatsioonis ja toksilisusel

Tõugu, Vello; Tiiman, Ann; Palumaa, Peep XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 102

Vasoactive peptide levels after change of dialysis mode

Uhlin, Nils Fredrik Arne; Odar-Cederlöf, Ingegerd; Theodorsson, Elvar; Fernström, Anders Nephron Extra 2015 / p. 67 - 78 <https://doi.org/10.1159/000440816> Journal metrics at Scopus Article at Scopus

Зависимость взаимодействия некоторых фенолов и амидов от конформации пептидной группы

Aarna, Agu; Vabaoja, Jüri; Oja, Holger Технология органических веществ. 2 1970 / с. 15-29 : илл https://www.ester.ee/record=b1350307*est <https://digikogu.taltech.ee/et/Item/a482beb1-6b8a-41a9-9418-160cec9ed58d>

Получение иммобилизованного пепсина для обработки иммунных сывороток : автореферат ... кандидата биологических наук

Lukoševičienė, Nijolė 1979 http://primo.nlr.ru/primo-explore/fulldisplay?docid=07NLR_LMS006634520&context=L&vid=07NLR_VU1&=en_US&search_scope=default_scope&adaptor=Local%20Search%20Engine&tab=default_tab&query=any,contains.%D0%9B%D1%83%D0%BA%D0%BE%D1%88%D1%8F%D0%B2%D0%B8%D1%87%D0%B5%D0%BD%D0%B5.%20%D0%9D&sortby=rank&offset=0