

ABCA4 locus as a model for complex genetics in monogenic diseases = ABCA4 lookus kui monogeensete haiguste kompleksse geneetika mudel

Zernant, Jana 2019 <https://digi.lib.ttu.ee/?12387>

Abce proteins in plants

Jakobson, Liina; Möttus, Jelena; Nigul, Lenne; Smolander, Olli-Pekka; Truve, Erkki; Sarmiento Guerin, Maria Cecilia 1st PlantEd Conference Plant Genome Editing - State of the Art, University of Novi Sad, Central Building, 5-7 November 2019 : proceedings 2019 / p. 49 <https://plantgenomeediting.eu/wp-content/uploads/Planted-Book-of-Abstracts-Nov-Sad-2019.pdf>

Access to abortion is a human right

Khalid, Sadia The European Sting 2022 <https://europeansting.com/2022/09/16/access-to-abortion-is-a-human-right/>

Acetylcholinesterase reactivators based on oxime-functionalized biodegradable ionic liquids

Karpichev, Yevgen; Kapitanov, Illia; Gathergood, Nicholas Military medical science letters 2018 / p. 87 https://www.mmsl.cz/artkey/mms-201888-0087_acetylcholinesterase-activators-based-on-oxime-functionalized-biodegradable-ionic-liquids.php

Acidic pH enhances butyrate production from pectin by faecal microbiota

Raba, Grete; Adamberg, Signe; Adamberg, Kaarel FEMS Microbiology Letters 2021 / art. fnab042 <https://doi.org/10.1093/femsle/fnab042> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Active chitosan–chestnut extract films used for packaging and storage of fresh pasta

Körge, Kristi; Bajić, Marijan; Likožar, Blaž; Novak, Uroš International Journal of Food Science and Technology 2020 / p. 3043 - 3052 <https://doi.org/10.1111/ijfs.14569> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Active vs passive novelty-related strategies: Sex differences in exploratory behaviour and monoaminergic systems

Liiver, Kristi; Imbeault, Sophie; Školnaja, Marianna; Kaart, Tanel; Kanarik, Margus; Laugus, Karita; De Wettinck, Jade; Pulver, Aleksander; Shimmo, Ruth; Harro, Jaanus Behavioural brain research 2023 / art. 114297 <https://doi.org/10.1016/j.bbr.2023.114297>

Adapting mechanochemical C–N bond forming reactions for greener synthesis of pharmaceuticals

Nikonovich, Tatsiana; Nallaparaju, Jagadeesh Varma; Mishra, Kamini Atindrakumar; Jarg, Tatsiana; Kudrjašova, Marina; Kananovich, Dzmitry; Aav, Riina GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 / art. O21 : ill <https://fmdtk.ut.ee/programm-2023/> <https://fmdtk.ut.ee/wp-content/uploads/2023/05/Nikonovich.pdf>

Addressing domestic and family violence: healthcare professionals' role and responsibilities

Khalid, Sadia The European Sting 2023 [Addressing domestic and family violence: healthcare professionals' role and responsibilities](#)

Adenylate kinase and metabolic signaling in cancer cells

Klepinin, Aleksandr; Zhang, Song; Klepinina, Ljudmila; Rebane-Klemm, Egle; Terzic, Andre; Käämbre, Tuuli; Dzeja, Petras Frontiers in oncology 2020 / art. 660, 9 p <https://doi.org/10.3389/fonc.2020.00660>

Advancement in valorization technologies to improve utilization of bio-based waste in bioeconomy context

Usmani, Zeba; Sharma, Minaxi; Karpichev, Yevgen Renewable and sustainable energy reviews 2020 / art. 109965, 16 p. : ill <https://doi.org/10.1016/j.rser.2020.109965> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advances in drug testing using capillary electrophoresis and native fluorescence

Bolkvadze, Vyacheslav; Saar-Reismaa, Piret; Kaljurand, Mihkel; Vaheer, Merike; Gorbatsova, Jelena; Mazina-Šinkar, Jekaterina V4 Symposium Flow Analysis & Capillary Electrophoresis : abstracts 2021 / p. 64 https://v4face.project.uj.edu.pl/documents/144328876/0/Book_of_abstracts_FACE+2020.pdf/d09dca39-a279-47c4-90e3-72f05bcd4a1

Advances in nanomaterials induced biohydrogen production using waste biomass

Srivastava, Neha; Srivastava, Manish; Mishra, Pradeep Kumar; Kausar, Mohd Adnan; Saeed, Mohd; Gupta, Vijai Kumar; Singh, Rajeev; Ramteke, Pramod Wasudeo Bioresource Technology 2020 / art. 123094 <https://doi.org/10.1016/j.biortech.2020.123094> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advances in the structural biology, mechanism, and physiology of cyclopropane fatty acid modifications of bacterial membranes

Cronan, John E.; Lukk, Tiit Microbiology and Molecular Biology Reviews 2022 <https://doi.org/10.1128/mmbr.00013-22> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aerobic cascade oxidation of substituted cyclopentane-1, 2-diones using metalloporphyrin catalysts [Online resource]

Oja, Karolin; Borovkov, Victor; Kananovich, Dzmitry; Järving, Ivar; Lopp, Margus 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://fmdtk.ut.ee/teesid-2018/>

Aerobic cascade oxidation of substituted cyclopentane-1,2-diones using metalloporphyrin catalysts

Maljutenko, Karolin; Borovkov, Victor; Kananovich, Dzmitry; Järving, Ivar; Lopp, Margus Tetrahedron 2018 / p. 661–664 : ill
<https://doi.org/10.1016/j.tet.2017.12.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aerobic oxidations in asymmetric synthesis : catalytic strategies and recent developments

Kananovich, Dzmitry; Elek, Gabor Zoltan; Lopp, Margus; Borovkov, Victor Frontiers in chemistry 2021 / art. 614944
<https://doi.org/10.3389/fchem.2021.614944> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aggregation properties of a series of novel L-phenylalanine derived surfactants

Naude, M.; Kapitanov, Illia; Gathergood, Nicholas; Karpichev, Yevgen Kyiv-Toulouse : IXth International Chemistry Conference "Kyiv-Toulouse" dedicated to the 100th anniversary of Fedir Babichev = IXth Conference Internationale de Chimie "Kyiv-Toulouse" dedie au 100eme anniversaire de Fedir Babichev : (Kyiv, 4-9 June 2017) : materials of reports and performances 2017 / p. 133 : ill

Ag-ions play the main role in silver nanoparticles toxicity in the ciliate Tetrahymena thermophila

Juganson, Katre; Mortimer, Monika; Ivask, Angela; Pucciarelli, Sandra; Miceli, Cristina; Orupöld, Kaja; Kahru, Anne NanoImpact Conference : program and abstract Book 2017 / p. 67

Ag-ions play the main role in silver nanoparticles toxicity in the ciliate Tetrahymena thermophila [Online resource]

Juganson, Katre; Mortimer, Monika; Ivask, Angela Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

Ainekübeke aitab muuta imiku piimasegu kasulike bakterite peolauaks

Miller, Annette novaator.err.ee 2023 [Ainekübeke aitab muuta imiku piimasegu kasulike bakterite peolauaks](#)

Aita toiduteadlasi ja anna oma söögieelistuste kohta infot : Veebiküsitlusele on võimalik vastata novembris ja detsembris 2023

digi.geenius.ee 2023 [Aita toiduteadlasi ja anna oma söögieelistuste kohta infot : Veebiküsitlusele on võimalik vastata novembris ja detsembris 2023](#)

Akadeemia 2015. aasta eelarve täitmisest ja 2016. a eelarve. Seltside rahastamisest : peasekretär Margus Lopp : [ettekanne Eesti TA üldkogu koosolekul 20. apr. 2016]

Lopp, Margus Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 140-144
http://www.ester.ee/record=b1218094*est

Akadeemik Lopp : rakendusuuringuid on aastaid alarahastatud

Lopp, Margus TööstusEST 2019 / lk. 26-27 : portr <https://toostusest.ee/uudis/2019/10/07/akadeemik-margus-lopp-rakendusuuringuid-on-aastaid-alarahastatud/> http://www.ester.ee/record=b4481084*est https://issuu.com/meediapilt/docs/toostusest_oktoober_2019

Akadeemik Margus Lopp

Lopp, Margus Inimesed läbi aja ja lehe lugude. III, 2015-2016 2023 / lk. 23-28 : fot https://www.ester.ee/record=b5561406*est

Akadeemikuks kandideerib ka viis biomeditsiini valdkonna teadlast

Vent, Margot mu.ee 2023 [Akadeemikuks kandideerib ka viis biomeditsiini valdkonna teadlast](#)

Aktiivse kasutusega maa [Võrguteavik]

Kalberg, Heiki; Niitlaan, Erki; **Reinsalu, Enno; Rammul, Üllar** Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 296-303 : fot http://www.ester.ee/record=b4764891*est <https://www.digar.ee/arhiiv/nlib-digar:332505>
<https://digi.lib.ttu.ee/ii/?9461>

Albumin affects the stability, oligomerization and ligand interactions of lipoprotein lipase

Risti, Robert; Gunn, Kathryn H.; Hiis-Hommuk, Kristofer; Seeba, Natjan-Naatan; Villo, Ly; Vendelin, Marko; Neher, Saskia B.; **Löökene, Aivar** Atherosclerosis 2022 / p. 68 <https://doi.org/10.1016/j.atherosclerosis.2022.06.428>

Albumin and heparin together or separately — different outcome on lipoprotein lipaseoligomerization and stability

Risti, Robert; Gunn, K.; Villo, Ly; Hiis-Hommuk, Kristofer; Seeba, Natjan-Naatan; Karimi, Hamed; Vendelin, Marko; Neher, Saskia B.; **Löökene, Aivar** FEBS Open Bio 2023 / p. 223 <https://doi.org/10.1002/2211-5463.13646>

Algteadmised, molekulid ja "keemiavaba maailm"

Truve, Erkki; Raudla, Heiki Õpetajate leht 2017 / lk. 10 <https://opleht.ee/2017/01/algteadmised-molekulid-ja-keemiavaba-maailm/>

Alkylation of phenols and resorcinols

Lopušanskaja, Eleana; Paju, Anne; Lopp, Margus Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 114 [Kogumik](#)

Allahinnatud lihakraami tohib sügavkülmas hoida arvatust märksa lühemat aega

Suurmägi, Kadri postimees.ee 2024 [Allahinnatud lihakraami tohib sügavkülmas hoida arvatust märksa lühemat aega](#)

ALMT-independent guard cell R-type anion currents

Jaslan, Justyna; Marten, Irene; Jakobson, Liina; Arjus, Triinu; Deeken, Rosalia; Sarmiento Guerin, Maria Cecilia; De Angeli, Alexis; Brosche, Mikael; Kollist, Hannes; Hedrich, Rainer New phytologist 2023 / p. 2225-2234 <https://doi.org/10.1111/nph.19124>

Alzheimeri ravi võib peituda mälus

Timmusk, Tõnis; Bramham, Clive Postimees 2017 / lk. 26-27 <https://teadus.postimees.ee/4314339/eesti-ja-norra-teadlased-alzheimeri-ravi-voib-peituda-malumolekulides>

Altered expression profile of igLON family of neural cell adhesion molecules in the dorsolateral prefrontal cortex of schizophrenic patients

Karis, Karina; Eskla, Kattri-Liis; Kaare, Maria; Täht, Karin; Tuusov, Jana; Visnapuu, Tanel; Innos, Jürgen; **Timmusk, Tõnis** Frontiers in Molecular Neuroscience 2018 / art. 8 <https://doi.org/10.3389/fnmol.2018.00008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Alternative oxidase-mediated respiration prevents lethal mitochondrial cardiomyopathy

Rajendran, Jayasimman; Purhonen, Janne; Tegelberg, Saara; **Smolander, Olli-Pekka** EMBO Molecular Medicine 2019 / art. e9456, 19 p. : ill <https://doi.org/10.15252/emmm.201809456>

Amateur observers witness the return of Venus' cloud discontinuity

Kardasis, Emmanuel; Peralta, Javier; **Kananovich, Dzmitry** Atmosphere 2022 / art. 348 <https://doi.org/10.3390/atmos13020348> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ameliorating effect of nitrate on nitrite inhibition for denitrifying P-accumulating organisms

Zekker, Ivar; Mandel, Anni; Rikmann, Ergo; **Jaagura, Madis**; Salmar, Siim; Ghangrekar, Makarand Madhao; Tenno, Taavo Science of the total environment 2021 / art. 149133, 10 p. : ill <https://doi.org/10.1016/j.scitotenv.2021.149133> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Amino acids are key substrates to Escherichia coli BW25113 for achieving high specific growth rate

Maser, Andres; **Peebo, Karl**; Vilu, Raivo; **Nahku, Ranno** Research in microbiology 2020 / p. 185–193 <https://doi.org/10.1016/j.resmic.2020.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aminocatalysts are more environmentally friendly than hydrogen-bonding catalysts

Sihtmäe, Mariliis; **Silm, Estelle**; **Kriis, Kadri**; Kahru, Anne; **Kanger, Tõnis** ChemSusChem 2022 / art. e202201045, 5 p. : ill <https://doi.org/10.1002/cssc.202201045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An efficient method for long-term configurational stabilization of chiral tricyclic dipeptide via heterocomplexation approach

Hu, Xiaoyun; Yin, Zhongyou; Guo, Jianxin; **Borovkov, Victor**; Shan, Zixing ChemistrySelect 2019 / p. 3210-3213 <https://doi.org/10.1002/slct.201900099>

An investigation of noncovalently bound supramolecular systems through case studies of oxalixarenes and iodo-triazoles = Mittekovalentsete sidemete abil moodustunud supramolekulaarsete süsteemide uurimine oksaliksareenide ja jodotriasoolide näitel

Cowart, Anna 2021 <https://digikogu.taltech.ee/et/Item/2f3f9906-0db8-427d-9d88-165f09e3d7da> https://www.ester.ee/record=b5415281*est <https://doi.org/10.23658/taltech.18/2021>

Analyses of non-coding somatic drivers in 2,658 cancer whole genomes

Rheinbay, Esther; Nielsen, Morten Muhligh; Abascal, Federico; Wala, Jeremiah A.; Shapira, Ofer; Tiao, Grace; Hornshøj, Henrik; Hess, Julian M.; Juul, Randi Istrup; **Uusküla-Reimand, Liis** Nature 2020 / 10 p. : ill <https://doi.org/10.1038/s41586-020-1965-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of functional gene transcripts suggests active CO₂ assimilation and CO oxidation by diverse bacteria in marine sponges

Feng, Guofang; Zhang, Fengli; Banakar, Shivakumar; **Karlep, Liisi**; Li, Zhiyong FEMS Microbiology Ecology 2019 / art. fiz087 <https://doi.org/10.1093/femsec/fiz087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of psychoactive compounds in oral fluid by capillary electrophoresis = Psühhoaktiivsete ühendite analüüs sülgjes kapillaarelektroforeesi meetodil

Saar-Reismaa, Piret 2020 <https://digikogu.taltech.ee/et/Item/b7a6fb1d-5df0-4250-afd4-8323e65f3b5c> [kookuvõte: Uudne narkotester leiab Eesti enim levinud uimastid veerand tunniga / novaator.err.ee](#)

Analysis of total phenols, sugars, and mineral elements in colored tubers of solanum tuberosum L.

Saar-Reismaa, Piret; Kotkas, Katrin; Rosenberg, Viive; Kulp, Maria; Kuhtinskaja, Maria; **Vaher, Merike** Foods 2020 / art. 1862 <https://doi.org/10.3390/foods9121862> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ANAMMOX-denitrification biomass in microbial fuel cell to enhance the electricity generation and nitrogen removal

efficiency

Zekker, Ivar; Bhowmick, Gourav Dhar; Priks, Hans; Nath, Dibyojoyty; Rikmann, Ergo; **Jaagura, Madis** Biodegradation 2020 / p. 249 - 264 <https://doi.org/10.1007/s10532-020-09907-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Andres Veske 4. juuli 1965 - 23. oktoober 2022 : in memoriam

Tamme, Richard Eesti Loodus 2022 / lk. 89 https://www.ester.ee/record=b1072059*est

Andrographolide, a diterpene lactone from *Andrographis paniculata* and its therapeutic promises in cancer

Islam, muhammad Torequl; Ali, Eunus S.; Uddin, Shaikh Jamal; **Gupta, Vijai Kumar** Cancer letters 2018 / p. 129-145 : ill <https://doi.org/10.1016/j.canlet.2018.01.074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Anharmonic vibrational spectrum and experimental matrix isolation study of thioformic acid conformers-potential candidates for molecular cloud and solar system observations?

Lignell, A.; **Osadchuk, Irina**; Rasanen, M.; Lundell, J. The astrophysical journal 2021 / 7 p. : ill <https://doi.org/10.3847/1538-4357/ac06d0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Anion binding of biotinuril derivatives enhanced by silver cation

Siilak, Kristjan; Dalidovich, Tatsiana; Shalima, Tatsiana; Kudrjašova, Marina; Ustrnul, Lukas; Aav, Riina GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / p 35 https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Anion recognition and the templated solid-state synthesis of hemicucurbiturils = Hemikukurbituriidid kui anioonide retseptorid ning nende mehhanokeemiline süntees tahkes faasis

Kaabel, Sandra 2019 <https://digi.lib.ttu.ee/i/?11236>

Anne Velli: kurgid on mu abielu kindel pant!

Kukk, Mari Maaleht 2023 [https://dea.digar.ee/article/maaleht/2023/07/27/3.4 Anne Velli oma võlureseptist: kurgid on mu abielu kindel pant!](https://dea.digar.ee/article/maaleht/2023/07/27/3.4%20Anne%20Velli%20oma%20v%C3%B5lureseptist%3A%20kurgid%20on%20mu%20abielu%20kindel%20pant!)

Antagonistic activity of lactic acid bacteria against yeast isolated from flour

Maliarenko, Yana; Garmasheva, Inna; **Lipova, Inna**; Oleschenko, Liubov Conference materials "Youth and modern problems of microbiology and virology" : IV young scientists conference, Kyiv, Ukraine, 15-17 November 2022 : Abstracts book 2022 / p. 18 https://imv.org.ua/wp-content/uploads/2022/12/Conference-materials_2022.pdf

Antibacterial activity of 24 L-phenylalanine derived surface-active ionic liquids (SAILs) towards two clinically relevant pathogens

Kusumahastuti, Dewi Kurnianingsih Arum; Sihtmäe, Mariliis; Gathergood, Nicholas; Kahru, Anne Journal of international scientific publications : ecology & safety 2019 / p. 16-28 : ill <https://www.scientific-publications.net/en/article/1001856/>

Antibacterial activity of chitosan-silver nanocomposites

Kasemets, Kaja; **Laanoja, Jüri**; Kahru, Anne Debrecen Colloquium on Carbohydrates 2020 in 2022, August 24-27, 2022 Debrecen, Hungary : program and abstracts 2022 / p. 47 https://konferencia.unideb.hu/sites/default/files/file_uploads/debcarb-abstract-elektronikus-2022-kesz_04-cor_0.pdf

Antibacterial activity of of L-Phenylalanine derived ionic liquids [Online resource]

Kusumahastuti, Dewi Kurnianingsih Arum; Sihtmäe, Mariliis; Kapitanov, Illia; Karpichev, Yevgen; Gathergood, Nicholas; Kahru, Anne 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://fmdk.ut.ee/teesid-2018/>

Antibacterial activity of positively and negatively charged hematite (α-Fe₂O₃) nanoparticles to *Escherichia coli*, *Staphylococcus aureus* and *Vibrio fischeri*

Vihodceva, Svetlana; Šutka, Andris; Sihtmäe, Mariliis; **Rosenberg, Merilin**; Otsus, Maarja; Kurvet, Imbi; Smits, Krisjanis; Bikse, Liga; Kahru, Anne; Kasemets, Kaja Nanomaterials 2021 / p. 1-26 <https://doi.org/10.3390/nano11030652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Antibiootikumikuur võib soolestiku mikrofloora mitmeks kuuks segamini lüüa

Liebert, Tiit Postimees 2017 / Tervis, lk. 5 <https://tervis.postimees.ee/4381351/antibiootikumikuur-voib-soolestiku-mikrofloora-mitmeks-kuuks-segi-luua>

Antibody response to oral biofilm is a biomarker for acute coronary syndrome in periodontal disease

Jaago, Mariliis; Pupina, Nadežda; Rähni, Annika; Pihlak, Arno; **Sadam, Helle**; Vrana, Nihal Engin; Sinisalo, Juha; Pussinen, Pirkko; **Palm, Kaia** Communications biology 2022 / art. 205, 10 p. : ill <https://doi.org/10.1038/s42003-022-03122-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Anticancer Effect of the Iridoid Glycoside Fraction from *Dipsacus fullonum* L. Leaves

Kuhtinskaja, Maria; Bragina, Olga; Kulp, Maria; **Vaher, Merike** Natural product communications 2020 / p. 1-6 <https://doi.org/10.1177/1934578X20951417> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at WOS](#)

Antifungal activity of medicinal mushrooms and optimization of submerged culture conditions for Schizophyllum commune (Agaricomycetes)

Berikashvili, Violeta; Khardziani, Tamar; Kobakhidze, Aza; **Kulp, Maria; Kuhtinskaja, Maria; Lukk, Tiit**; Gargano, Maria; Venturella, Giuseppe; Kachlishvili, Eka; Metreveli, Eva; Elisashvili, Vladimir; Asatiani, Mikheil International journal of medicinal mushrooms 2023 / p. 1-21 <https://doi.org/10.1615/IntJMedMushrooms.2023049836>

Antifungal agents in agriculture : friends and foes of public health

Brauer, Veronica Soares; Rezende, Caroline Patini; Pessoni, Andre Moreira; De Paula, Renato Graciano; Rangappa, Kanchugarakoppal S.; Nayaka, Siddaiah Chandra; **Gupta, Vijai Kumar**; Almeida, Fausto Biomolecules 2019 / art. 521 <https://doi.org/10.3390/biom9100521> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Antifungal potential of lactic acid bacteria against Aspergillus niger strain isolated from rye bread [Online resource]

Kontram, Kärt; Viirard, Ene; **Surženko, Marianna; Sarand, Inga** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

Antimicrobial activity of commercial photocatalytic SaniTise™ Window glass

Kisand, Vambola; Visnapuu, Meeri; **Rosenberg, Merilin**; Danilian, Dmytro; Vlassov, Sergei; Kook, Mati; Lange, Sven; Pärna, Rainer; Ivask, Angela Catalysts 2022 / art. 197 <https://doi.org/10.3390/catal12020197> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Anti-osteoclastic effects of C-glucosidic ellagitannins mediated by actin perturbation

Georgess, Dan; **Spuul, Pirjo**; Le Clainche, Christophe European journal of cell biology 2018 / p. 533–545 : ill <https://doi.org/10.1016/j.ejcb.2018.09.003> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Antioxidative and anti-borrelia activity of phytochemicals in rubiaceae species

Laanet, Pille-Riin; Saar-Reismaa, Piret; Bragina, Olga; Jõul, Piia; Vaher, Merike FEBS3+ Conference of Estonian, Latvian and Lithuanian Biochemical Societies : abstract book : Tallinn, Estonia 15–17 June 2022 2022 / p. 104-105 https://biokeemiaselts.ee/wp-content/uploads/2022/06/ABSTRACT-BOOK_FEBS32022_Tallinn.pdf

Antioxidative and anti-borrelia effects of plantago species

Laanet, Pille-Riin; Drošnova, Regina; Saar-Reismaa, Piret; Bragina, Olga; Vaher, Merike Proceedings 2023 / art. 6 <https://doi.org/10.3390/proceedings2023092006>

Antioxidative CXXC peptide motif from mesencephalic astrocyte-derived neurotrophic factor antagonizes programmed cell death

Božok, Valentina; Yu, Li-Ying; **Palgi, Jaan; Arumäe, Urmas** Frontiers in cell and developmental biology 2018 / 15 p. : ill <https://doi.org/10.3389/fcell.2018.00106> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Antiviral efficacy of cerium oxide nanoparticles

Nefedova, Alexandra; Rausalu, Kai; Zusinaite, Eva; Vanetsev, Alexander; **Rosenberg, Merilin**; Koppel, Kairi; Lilla, Stevin; Visnapuu, Meeri; Smits, Krisjanis; Kisand, Vambola Scientific reports 2022 / art. 18746, 16 p. : ill <https://doi.org/10.1038/s41598-022-23465-6> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Antropotseeni saar Paljassaar

Lints, Taivo Sirp 2017 / lk. 21-22 : fot <http://www.sirp.ee/s1-artiklid/arhitektuur/antropotseeni-saar-paljassaar/> Antropotseeni saar Paljassaar

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.; **Lõokene, 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

Apolipoprotein mimetic peptides : potential new therapies for cardiovascular diseases

Wolska, Anna; **Reimund, Mart**; Sviridov, Denis O.; Amar, Marcelo J.; Remaley, Alan T. Cells 2021 / art. 597 <https://doi.org/10.3390/cells10030597>

Application of chiral bifunctional halogen bond catalysts in glycosylation reactions

Miller, Annette; Hunt, Kaarel Erik; Kriis, Kadri; Kanger, Tõnis Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 129 [Kogumik](https://www.kogumik.ee/)

Application of cobalt-containing metal-organic framework as crystalline sponge

Martõnova, Jevgenia; Adamson, Jasper; Kaabel, Sandra; Šubin, Kirill; **Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June

Application of continuous culture methods to recombinant protein production in microorganisms

Peebo, Karl; Neubauer, Peter Microorganisms 2018 / 12 p <https://doi.org/10.3390/microorganisms6030056> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of Differentiated SH-SY5Y Cells for Toxicological Studies of Alzheimer's Amyloid Beta Peptide =
Diferentseeritud SH-SY5Y rakkude kasutamine Alzheimeri amüloid beeta peptiidi toksilisuse uurimiseks

Krištal, Jekaterina 2020 <https://digikogu.taltech.ee/et/Item/8aef400a-e1ff-4803-a0da-fc2d97c8d451>

**Application of gas chromatography-olfactometry (GC-O) and correlation with sensory analysis = Gaaskromatograaf-
olfaktomeetri (GC-O) rakendusvõimalused ja korreleerimine sensoorse analüüsiga**

Rosensvald, Sirli 2017 http://www.ester.ee/record=b4743675*est <https://digi.lib.ttu.ee/i/?9006>

Application of the capillary electrophoresis technique in real life

Biel, Iwona; Wozniakiewicz, Michal; **Mazina-Šinkar, Jekaterina** FLOW ANALYSIS XV Krakow, Poland 2022, June 26-July 1 : Book of Abstracts 2022 / p. 127 https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCka+2022-05-28+str+numeracja+od+stopki+spad3mm+26_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed

Application of the pathogen Trojan horse approach in maize (Zea mays)

Linde, Karina van der; **Egger, Rachel L.**; **Timofejeva, Ljudmilla**; Walbot, Virginia Plant signaling & behavior 2018 / art. e1547575, 4 p. : ill <https://doi.org/10.1080/15592324.2018.1547575> [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; Joenavaara, 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](#)

Applications of fungal cellulases in biofuel production : advances and limitations

Srivastava, Neha; **Srivastava, Manish**; **Mishra, Pradeep Kumar**; **Gupta, Vijai Kumar**; Molina, Gustavo; Rodriguez-Couto, Susana; Manikanta, Ambepu; Ramteke, Pramod Wasudeo Renewable and Sustainable Energy Reviews 2018 / p. 2379 - 2386
<https://doi.org/10.1016/j.rser.2017.08.074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aqueous mineral carbonation of oil shale mine waste (limestone) : a feasibility study to develop a CO2 capture sorbent

Puthiya Veetil, Sanoop Kumar; **Rebane, Kaarel**; **Yörük, Can Rüstü**; **Lopp, Margus**; **Trikkell, Andres**; **Hitch, Michael William** Energy 2021 / art. 119895 <https://doi.org/10.1016/j.energy.2021.119895> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Arachidonic acid metabolism in marine invertebrates

Löhelaid, Helike; **Teder, Tarvi**; **Samel, Nigulas** Invertebrate survival journal - ISJ 2018 / p. 110
<http://www.isj.unimo.it/index.php/ISJ/article/view/82>

ASO author reflection : isolated limb infusion for locally advanced melanoma in the extremely old patient is safe and effective

Teras, Jüri; Kroon, Hidde M.; Zager, Jonathan S. Annals of surgical oncology 2020 / p. 1430-1431 <https://doi.org/10.1245/s10434-020-08314-y> <https://link.springer.com/article/10.1245/s10434-020-08314-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)
[Article at WOS](#)

Aspects of kerogen oxidative dissolution in subcritical water using oxygen from air

Kaldas, Kristiina; **Niidu, Allan**; **Preegel, Gert**; **Uustalu, Jaan Mihkel**; **Muldma, Kati**; **Lopp, Margus** Oil shale 2021 / p. 199-214 : ill <https://doi.org/10.3176/oil.2021.3.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of bioavailable B vitamin content in food using in vitro digestibility assay and LC-MS SIDA

Paalme, Toomas; **Vilbaste, Allan**; Kewai, Kaspar; **Nisamedtinov, Ildar**; Hälvin, Kristel Analytical and bioanalytical chemistry 2017 / p. 6475-6484 : tab <https://doi.org/10.1007/s00216-017-0592-3>

Association between chemical mixtures and female fertility in women undergoing assisted reproduction in Sweden and Estonia

Bellavia, Andrea; **Zou, Runyu**; **Bjorvang, Richelle D.**; **Roos, Kristine**; **Sjunnesson, Ylva**; **Hallberg, Ida**; **Vermeulen, Roel**; **Salumets, Andres**; **Velthut-Meikas, Agne**; **Damdipoulou, Pauliina** Environmental research 2023 / art. 114447
<https://doi.org/10.1016/j.envres.2022.114447>

Asymmetric Biginelli-like reaction catalyzed by chiral TADDOL-derived phosphoric acid bearing two hydroxyl groups

Guo, Jianxin; **Zhang, Rui**; **Yin, Zhongyou**; **Hu, Xiaoyun**; **Borovkov, Victor** The 23rd International Electronic Conference on Synthetic Organic Chemistry 15 nov 2019 - 15 dec 2019 2019 / 8 p. : ill <https://doi.org/10.3390/ecsoc-23-06647>

Asymmetric chemoenzymatic one-pot synthesis of α -Hydroxy half-esters

Murre, Aleksandra; Erkman, Kristin; Järving, Ivar; Kanger, Tõnis ACS Omega 2021 / p. 20686-20698 : ill

<https://doi.org/10.1021/acsomega.1c02973> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric Kulinkovich hydroxycyclopropanation of alkenes mediated by titanium(IV) TADDOLate complexes

Iskryk, Marharyta; Barysevich, Maryia; Ošeka, Maksim; Adamson, Jasper; Kananovich, Dzmitry Synthesis 2019 / p. 1935-

1948 : ill <https://doi.org/10.1055/s-0037-1611709> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic [2,3]-Wittig rearrangement = Asümmeetriline organokatalüütiline [2,3]-Wittigi ümberasetusreaktsioon

Kimm, Mariliis 2021 https://www.ester.ee/record=b5459027*est <https://digikogu.taltech.ee/et/Item/0cf615b8-e406-4531-905b-b97bd1daed83>

<https://doi.org/10.23658/taltech.45/2021>

Asymmetric organocatalytic [2,3]-Wittig rearrangement of cyclohexanone derivatives

Kimm, Mariliis; Järving, Ivar; Ošeka, Maksim; Kanger, Tõnis European journal of organic chemistry 2021 / p. 3113–3120 : ill

<https://doi.org/10.1002/ejoc.202100435> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic [2,3]-Wittig rearrangement of cyclohexanone derivatives

Kimm, Mariliis; Ošeka, Maksim; Kanger, Tõnis GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P

41 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Asymmetric organocatalytic cascade synthesis of tetrahydrofuran-yl spirooxindoles

Trubitsõn, Dmitri; Žari, Sergei; Kaabel, Sandra; Kudrjašova, Marina; Kriis, Kadri; Järving, Ivar; Pehk, Tõnis; Kanger, Tõnis

Synthesis 2018 / p. 314-322 : ill <https://doi.org/10.1055/s-0036-1590918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic Michael addition of cyclopentane-1,2-dione to alkylidene oxindole

Silm, Estelle; Järving, Ivar; Kanger, Tõnis Beilstein Journal of Organic Chemistry 2022 / p. 167-173

<https://doi.org/10.3762/bjoc.18.18> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic Michael addition–cyclisation cascade of cyclopentane-1,2-dione with alkylidene malononitriles

Silm, Estelle; Kaabel, Sandra; Järving, Ivar; Kanger, Tõnis Synthesis 2019 / p. 4198-4204 <https://doi.org/10.1055/s-0039-1690484>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic Michael Addition-cyclization cascade of cyclopentane-1,2-dione with substituted α,β -unsaturated aldehydes

Preegel, Gert; Silm, Estelle; Kaabel, Sandra; Järving, Ivar; Rissanen, Kari; Lopp, Margus Synthesis 2017 / p. 3118-3125 : ill

<https://doi.org/10.1055/s-0036-1588787>

Asymmetric Organocatalytic Reactions of Cyclopentane-1,2-dione = Tsüklopentaan-1,2-diooni asümmeetrilised organokatalüütilised reaktsioonid

Silm, Estelle 2022 <https://doi.org/10.23658/taltech.23/2022> <https://digikogu.taltech.ee/et/Item/106a2384-0619-453b-bd4d-4a6e6d237368>

https://www.ester.ee/record=b5499810*est

Asymmetric synthesis of 2,3,4-trisubstituted piperidines

Kriis, Kadri; Melnik, Triin; Lips, Kristiina; Juhanson, Ilona; Kaabel, Sandra; Järving, Ivar; Kanger, Tõnis Synthesis 2017 / p.

604-614 : ill <http://dx.doi.org/10.1055/s-0036-1588299>

Asymmetric synthesis of 2-amino-8-oxo-9,10-epoxydecanoic acid via cyclopropane cleavage strategy [Online resource]

Elek, Gabor Zoltan; Koppel, Kaur; Borovkov, Victor; Lopp, Margus; Kananovich, Dzmitry 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/>

Asymmetric synthesis with titanacyclopropane reagents : From early results to the recent achievements

Konik, Yulia A.; Kananovich, Dzmitry Tetrahedron letters 2020 / art. 152036, 12 p. : ill <https://doi.org/10.1016/j.tetlet.2020.152036>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Atom economy, biodegradation, catalysis and green toxicology : tools for the delivery of green chemistry based on ionic liquids [Online resource]

Gathergood, Nicholas Abstracts : ICCE 2017 Oslo : 16th International Conference on Chemistry and the Environment : Oslo,

Norway, 18-22 June 2017 2017 / art. 171, p. [155] http://icce2017.org/downloads/Abstraktsamling_16_06_17.pdf

Atom economy, catalysis and green toxicology : tools for the delivery of sustainable chemistry based on ionic liquids

Gathergood, Nicholas 2nd Green and Sustainable Chemistry Conference : 14-17 May 2017, Berlin, Germany : abstracts 2017 / p.

[O4.6]

ATP7A-dependent copper sequestration contributes to termination of β -CATENIN signaling during early adipogenesis

Yang, Haojun; **Kabin, Ekaterina**; Dong, Yixuan; Zhang, X.; Ralle, Martina; Lutsenko, Svetlana Molecular metabolism 2024 / art. 101872, 12 p. : ill <https://doi.org/10.1016/j.molmet.2024.101872>

ATR kinase inhibition induces thymineless death in proliferating CD8+ T cells

Sugitani, Norie; Vendetti, Frank P.; Cipriano, Andrew J.; Deppas, Joshua J.; **Moiseeva, Tatiana**; Schamus-Haynes, Sandra; Wang, Yiyang; Palmer, Drake; Osmanbeyoglu, Hatice U.; Bostwick, Anna; Snyder, Nathaniel W.; Gong, Yi-Nan; Aird, Katherine M.; Delgoffe, Greg M.; Beumer, J.H.; Bakkenist, Christopher J. bioRxiv 2022 <https://doi.org/10.1101/2022.02.24.481821>

Author Correction: A deep learning system accurately classifies primary and metastatic cancers using passenger mutation patterns (Nature Communications, (2020), 11, 1, (728), 10.1038/s41467-019-13825-8)

Jiao, Wei; Atwal, Gurmit; Polak, Paz; Karlic, Rosa; Cuppen, Edwin; Al-Shahrour, Fatima; Bailey, Peter J.; Biankin, Andrew V.; Boutros, Paul C.; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. 7573 <https://doi.org/10.1038/s41467-022-32329-6> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Author Correction: Combined burden and functional impact tests for cancer driver discovery using DriverPower (Nature Communications, (2020), 11, 1, (734), 10.1038/s41467-019-13929-1)

Shuai, Shimin; Abascal, Federico; Amin, Samirkumar B.; Bader, Gary D.; Bandopadhyay, Pratiti; Barenboim, Jonathan; Beroukhim, Rameen; Bertl, Johanna; Boroevich, Keith A.; **Uusküla-Reimand, Liis** Nature Communications 2022 / art. 7571 <https://doi.org/10.1038/s41467-022-32343-8> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Author Correction: Divergent mutational processes distinguish hypoxic and normoxic tumours (Nature Communications, (2020), 11, 1, (737), 10.1038/s41467-019-14052-x)

Bhandari, Vinayak; Li, Constance H.; Bristow, Robert G.; Boutros, Paul C.; Aaltonen, Lauri A.; Abascal, Federico; Abeshouse, Adam; Aburatani, Hiroyuki; Adams, David J.; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7569 <https://doi.org/10.1038/s41467-022-32339-4> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Author correction: First crystal structure of an endo-levanase – the BT1760 from a human gut commensal Bacteroides thetaiotaomicron (Scientific Reports, (2019), 9, 1, (8443), 10.1038/s41598-019-44785-0)

Ernits, Karin; **Eek, Priit**; **Lukk, Tiit**; Visnapuu, Triinu; Alamäe, Tiina Scientific reports 2019 / art. 17512, 1 p. <https://doi.org/10.1038/s41598-019-54274-z> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Author Correction: Genomic footprints of activated telomere maintenance mechanisms in cancer (Nature Communications, (2020), 11, 1, (733), 10.1038/s41467-019-13824-9)

Sieverling, Lina; Hong, Chen; Koser, Sandra D.; Ginsbach, Philip; Kleinheinz, Kortine; Hutter, Barbara; Braun, Delia M.; Cortés-Ciriano, Isidro; Xi, Ruibin; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7574 <https://doi.org/10.1038/s41467-022-32328-7> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Author Correction: High-coverage whole-genome analysis of 1220 cancers reveals hundreds of genes deregulated by rearrangement-mediated cis-regulatory alterations (Nature Communications, (2020), 11, 1, (736), 10.1038/s41467-019-13885-w)

Zhang, Yiqun; Chen, Fengju; Fonseca, Nuno A.; He, Yao; Fujita, Masashi; Nakagawa, Hidewaki; Zhang, Zemin; Brazma, Alvis; Amin, Samirkumar B.; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7572 <https://doi.org/10.1038/s41467-022-32333-w> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Author Correction: Inferring structural variant cancer cell fraction (Nature Communications, (2020), 11, 1, (730), 10.1038/s41467-020-14351-8)

Cmero, Marek; Yuan, Ke; Ong, Cheng Soon; Schröder, Jan; Adams, David J.; Anur, Pavana; Beroukhim, Rameen; Boutros, Paul C.; Bowtell, David D. L.; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7568 <https://doi.org/10.1038/s41467-022-32338-5> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Author Correction: Integrative pathway enrichment analysis of multivariate omics data (Nature Communications, (2020), 11, 1, (735), 10.1038/s41467-019-13983-9)

Paczkowska, Marta; Barenboim, Jonathan; Sintupisut, Nardnisa; Fox, Natalie S.; Zhu, Helen; Abd-Rabbo, Diala; Mee, Miles W.; Boutros, Paul C.; Abascal, Federico; **Uusküla-Reimand, Liis** Nature Communications 2022 / art. 7570 <https://doi.org/10.1038/s41467-022-32342-9> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Author Correction: Pathway and network analysis of more than 2500 whole cancer genomes (Nature Communications, (2020), 11, 1, (729), 10.1038/s41467-020-14367-0)

Reyna, Matthew A.; Haan, David; Paczkowska, Marta; Verbeke, Lieven P. C.; Vazquez, Miguel; Kahraman, Abdullah; Pulido-Tamayo, Sergio; Barenboim, Jonathan; Wadi, Lina; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7566 <https://doi.org/10.1038/s41467-022-32334-9> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Author Correction: Reconstructing evolutionary trajectories of mutation signature activities in cancer using TrackSig (Nature Communications, (2020), 11, 1, (731), 10.1038/s41467-020-14352-7)

Rubanova, Yulia; Shi, Ruian; Harrigan, Caitlin F.; Li, Roujia; Wintersinger, Jeff; Sahin, Nil; Deshwar, Amit G.; Dentro, Stefan C.;

Leshchiner, Ignaty; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7567 <https://doi.org/10.1038/s41467-022-32336-7>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Author Correction: Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples (Nature Communications, (2020), 11, 1, (4748), 10.1038/s41467-020-18151-y)

Bailey, Matthew H.; Meyerson, William U.; Dursi, Lewis Jonathan; Wang, Liang-Bo; Dong, Guanlan; Liang, Wen-Wei; Weerasinghe, Amila; Li, Shantao; Li, Yize; **Uusküla-Reimand, Liis** Nature Communications 2020 / Art. nr. 6232 <https://doi.org/10.1038/s41467-020-20128-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Autismi loodetakse diagnoosida vereprooviga : [Warwicki ülikoolis arandavat analüüsimeetodit kommenteerib Tõnis Timmusk]

Horisont 2018 / lk. 3 : ill https://www.ester.ee/record=b1072243*est <http://www.horisont.ee/arhiiv-2018/Horisont-2-2018.pdf>

Autosampler for portable capillary electrophoresis

Ružicka, Martin; Kaljurand, Mihkel; Gorbatsõva, Jelena; Mazina-Šinkar, Jekaterina Journal of chromatography A 2022 / art. 463619 <https://doi.org/10.1016/j.chroma.2022.463619> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Avoiding amino acid depletion in a complex medium results in improved Escherichia coli BW25113 growth

Maser, Andres; Peebo, Karl; Nahku, Ranno Microbiology 2019 / p. 37-46 : ill <https://doi.org/10.1099/mic.0.000742> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bakterite imeline maailm; 1. osa

Lelumees, Siiri Kodutohter 2020 / lk. 30-33 : ill http://www.ester.ee/record=b1072381*est

Basic helix-loop-helix pioneer factors interact with the histone octamer to invade nucleosomes and generate nucleosome-depleted regions

Donovan, Benjamin T.; Chen, Hengye; **Eek, Priit;** Meng, Zhiyuan; Jipa, Caroline; Tan, Song; Bai, Lu; Poirier, Michael G. Molecular cell 2023 / p. 1251-1263.e6 <https://doi.org/10.1016/j.molcel.2023.03.006>

Batch and fed-batch ethanol fermentation of cheese-whey powder with mixed cultures of different yeasts

Farkas, Csilla; Rezessy-Szabo, Judit M.; **Gupta, Vijai Kumar;** Bujna, Erika; Pham, Tuan M.; Pásztor-Huszár, K.; Friedrich, László; Bhat, Rajeev; Thakur, Vijay Kumar; Nguyen, Quang D. Energies 2019 / Art. 4495 <https://doi.org/10.3390/en12234495> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bearing witness to a planet in peril: The intersection of climate crisis, migration, and injustice

Khalid, Sadia The European Sting 2023 [Bearing witness to a planet in peril: The intersection of climate crisis, migration, and injustice](#)

Behavior of Estonian oil shale in acidic oxidative conditions

Niidu, Allan; Grenman, Henrik; **Muldma, Kati; Kaldas, Kristiina; Mikli, Valdek; Lopp, Margus** Frontiers in Chemical Engineering 2022 / art. 590115 <https://doi.org/10.3389/fceng.2022.590115>

Benchmarking computational methods and influence of guest conformation on chirogenesis in zinc porphyrin complexes

Osadchuk, Irina; Borovkov, Victor; Aav, Riina; Clot, Eric Physical chemistry chemical physics 2020 / p. 11025–11037 <https://doi.org/10.1039/D0CP00965B> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Benefits, Challenges, and Opportunities of Conducting a Collaborative Research Course in an International University Partnership : A Study Case Between Kansas State University and Tallinn University of Technology

Lezama-Solano, Adriana; Castro, Mauricio; Chambers, Delores; **Timberg, Loreida; Koppel, Kadri** Journal of food science education 2019 / p. 78-86 : ill <https://doi.org/10.1111/1541-4329.12162> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Benign by design - designing chemicals and pharmaceuticals for environmental biodegradation

Kümmerer, Klaus; **Gathergood, Nicholas** GSC8 : 8th International Conference on Green and Sustainable Chemistry, 23-26 July 2017, Melbourne, Australia : abstract book 2017 / p. 43 <http://www.racicongress.com/downloads/abstracts/GSC8-abstract-book.pdf>

Benzyne-mediated nonconcerted pathway toward synthesis of sterically crowded [5]- and [7]oxahelicenoids, stereochemical and theoretical studies, and optical resolution of helicenoids

Gawade, Prashant M.; Khose, Vaibhav N.; Badani, Purav M.; **Kaabel, Sandra; Borovkov, Victor** Journal of organic chemistry 2019 / p. 860-868 : ill <https://doi.org/10.1021/acs.joc.8b02507> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Berberine, a popular dietary supplement for human and animal health : quantitative research literature analysis – a review

Yeung, Andy Wai Kan; Orhan, Ilkay Erdogan; Aggarwal, Bharat Bhushan; Battino, Maurizio; Belwal, Tarun; Bishayee, Anupam; Daglia, Maria; Devkota, Hari Prasad; El-Demerdash, Amr; Balacheva, Aneliya A.; Georgieva, Maya G.; **Gupta, Vijai Kumar** Animal Science Papers and Reports 2020 / p. 5-19

<https://www.igbzpan.pl/uploaded/FSiBundleContentBlockBundleModelTranslatableBlockTranslatableFilesElement/filePath/1583/str5-20.pdf>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Best practices for QSAR model reporting: physical and chemical properties, ecotoxicity, environmental fate, human health, and toxicokinetics endpoints

Piir, Geven; **Kahn, Iiris**; García-Sosa, Alfonso T.; Sild, Sulev; **Ahte, Priit**; Maran, Uko *Environmental Health Perspectives* 2018 / art. 126001 ; 20 p.: ill <https://doi.org/10.1289/EHP3264> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bile acid conjugation as a tool for enhancing intracellular delivery of biofunctional linker-extended constructs

Bhadoria, Rohit; Ping, Kefeng; **Starkov, Pavel** *Abstracts of Papers of the American Chemical Society* 2018 / abst. BIOL 255 <https://www.acs.org/content/dam/acsorg/meetings/national-meetings/fall-2018/fall-2018-program-book.pdf>

Binary RuO₂-CuO electrodes outperform RuO₂ electrodes in measuring the pH in food samples

Lazouskaya, Maryna; **Vetik, Iuliia**; Tamm, Martti; Uppuluri, Kiranmai; **Scheler, Ott** *ACS omega* 2023 / art. 13284, p. 13275-13284 <https://doi.org/10.1021/acsomega.3c00538>

Binding between cyclohexanohemicucurbit[n]urils and polar organic guests

Ustrnul, Lukas; Burankova, Tatsiana; Öeren, Mario; **Juhhimenko, Kristina**; Ilmarinen, Jenni; **Siilak, Kristjan**; **Mishra, Kamini Atindrakumar**; **Aav, Riina** *Frontiers in chemistry* 2021 / art. 701028 <https://doi.org/10.3389/fchem.2021.701028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biobased natural deep eutectic system as versatile solvents : structure, interaction and advanced applications

Usmani, Zeba; Sharma, Minaxi; Tripathi, Manikant; **Lukk, Tiit**; **Karpichev, Yevgen**; Gathergood, Nicholas; Singh, Brahma N.; Thakur, Vijay Kumar; Tabatabaei, Meisam; Gupta, Vijai Kumar *Science of the total environment* 2023 / art. 163002 <https://doi.org/10.1016/j.scitotenv.2023.163002>

Biocontrol of Fusarium wilt of Capsicum annuum by rhizospheric bacteria isolated from turmeric endowed with plant growth promotion and disease suppression potential

Passari, Ajit Kumar; Lalsiamthari, P.C.; Zothanpuia; Leo, Vincent Vineeth; Mishra, Vineet Kumar; Yadav, Mukesh Kumar; **Gupta, Vijai Kumar**; Singh, Bhim Pratap *European Journal of Plant Pathology* 2018 / p. 831 - 846 <https://doi.org/10.1007/s10658-017-1325-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biodegradability of deep eutectic solvents in treatment of pomace fruits

Usmani, Zeba; Husanu, Elena; **Gathergood, Nicholas**; Guazzelli, Lorenzo; Pomelli, Christian; **Karpichev, Yevgen** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 156

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://fmdk.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

Bioenergy yields from sequential bioethanol and biomethane production: An optimized process flow

Rocha-Meneses, Lisandra; **Otor, Oghenetejiri Frances**; **Bonturi, Nemailla**; Orupöld, Kaja; Kikas, Timo *Sustainability* 2020 / art. 272 <https://doi.org/10.3390/su12010272> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biofabrication of zinc oxide nanoparticles with syzygium aromaticum flower buds extract and finding its novel application in controlling the growth and mycotoxins of Fusarium graminearum

Lakshmeesha, Thimappa Ramachandrapa; Kalagatur, Naveen Kumar; Mudili, Venkataramana; Mohan, Chakrabhavi Dhananjaya; Rangappa, Shobith; Prasad, Bangari Daruka; Ashwini, Bagepalli Shivaram; Hashem, Abeer; Alqarawi, Abdulaziz A.; **Gupta, Vijai Kumar** *Frontiers in microbiology* 2019 / art. 1244, 13 p. : ill <https://doi.org/10.3389/fmicb.2019.01244> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioinformaatika pakub võimalust vähi ja ajuhaiguste seljatamiseks

Alvela, Ain novaator.err.ee 2023 [Bioinformaatika pakub võimalust vähi ja ajuhaiguste seljatamiseks](#)

Bioinformaatika püüab antikehi uurides leida uudseid ravimeetodeid

Alvela, Ain TööstusEST 2023 / lk. 24-26 : portr https://www.est.ee/record=b4481084*est

Biological activity and physicochemical properties of chitosan film cross-linked with chestnut extract for active food packaging applications = Kastani ekstraktiga seotud kitosaankilede bioloogiline aktiivsus, füüsikalise-keemilised omadused ning rakendatavus toidupakendina

Körge, Kristi 2021 https://www.ester.ee/record=b5435476*est <https://digikogu.taltech.ee/et/Item/88d05471-4a1d-42b5-b822-cd7c38a1eb39>
<https://doi.org/10.23658/taltech.31/2021>

Biological nanofactories : using living forms for metal nanoparticle synthesis

Srivastava, Shilpi; **Usmani, Zeba**; Atanasov, Atanas G.; Singh, Vinod Kumar; Singh, Nagendra Pratap; Abdel-Azeem, Ahmed M. Mini-Reviews in Medicinal Chemistry 2021 / p. 245 - 265 <https://doi.org/10.2174/1389557520999201116163012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The biomolecular spectrum drives microbial biology and functions in agri-food-environments

Sharma, Minaxi; Singh, Dhananjaya Pratap; Rangappa, Kanchugarakoppal S.; Stadler, Marc; Mishra, Pradeep Kumar; Silva, Roberto Nascimento; Prasad, Ram; **Gupta, Vijai Kumar** Biomolecules 2020 / art. 401 <https://doi.org/10.3390/biom10030401> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioprocessing of waste biomass for sustainable product development and minimizing environmental impact

Usmani, Zeba; Sharma, Minaxi; Awasthi, Abhishek Kumar; Sivakumar, Nallusamy; **Lukk, Tiit** Bioresource technology 2021 / art. 124548, 12 p. : ill <https://doi.org/10.1016/j.biortech.2020.124548> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioprospecting microalgae from natural algal bloom for sustainable biomass and biodiesel production

Pandey, Manish K.; Dasgupta, Chitralekha Nag; Mishra, Shashank; Srivastava, Manish; **Gupta, Vijai Kumar**; Suseela, M.R.; Ramteke, Pramod Wasudeo Applied Microbiology and Biotechnology 2019 / p. 5447 - 5458 <https://doi.org/10.1007/s00253-019-09856-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biorefinery : value added chemicals [Online resource]

Gathergood, Nicholas The Bioeconomy in Transition Workshop Gela : 25-27 May 2017, Gela, Sicily, Italy 2017
<http://www.bioeconomy-in-transition.eu/about-workshop/>

Bioremediation of lindane contaminated soil: Exploring the potential of Actinobacterial strains

Usmani, Zeba; Kulp, Maria; **Lukk, Tiit** Chemosphere 2021 / art. 130468, 12 p. : ill <https://doi.org/10.1016/j.chemosphere.2021.130468> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biosafe sustainable antimicrobial encapsulation and coatings for targeted treatment and infections prevention: Preparation for another pandemic

Usmani, Zeba; **Lukk, Tiit**; Mohanachandran, Dileep Kumar Current Research in Green and Sustainable Chemistry 2021 / art. 100074 <https://doi.org/10.1016/j.crgsc.2021.100074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biotechnological advances for restoring degraded land for sustainable development

Tripathi, Vishal; Edrisi, Sheikh Adil; Chen, Bin; **Gupta, Vijai Kumar**; **Vilu, Raivo**; **Gathergood, Nicholas**; Abhilash, P.C. Trends in biotechnology 2018 / p. 847-859 : ill <https://doi.org/10.1016/j.tibtech.2017.05.001>

Bovine follicular fluid and extracellular vesicles derived from follicular fluid alter the bovine oviductal epithelial cells transcriptome

Hasan, Mohammed Mehedi; Viil, Janeli; Lättikivi, Freddy; Ord, James; Reshi, Qurat Ul Ain; Jääger, Kersti; **Velthut-Meikas, Agne**; Androwska, Aneta; Jaakma, Ülle; Salumets, Andres; Fazeli, Alireza International journal of molecular sciences 2020 / art. 5365 ; 16 p. : ill <https://doi.org/10.3390/ijms21155365> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Breaking barriers : empowering women's leadership in global health

Khalid, S. The European Sting 2024 <https://europeansting.com/2024/05/02/breaking-barriers-empowering-womens-leadership-in-global-health/>

The breaking of symmetry leads to chirality in cucurbituril-type hosts

Aav, Riina; **Mishra, Kamini Atindrakumar** Symmetry 2018 / 26 p. : ill <https://doi.org/10.3390/sym10040098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Breaking the silence : women's quest for leadership in global health post-COVID-19

Khalid, Sadia The European Sting 2024 <https://europeansting.com/2024/04/22/breaking-the-silence-womens-quest-for-leadership-in-global-health-post-covid-19/>

Bridging research on probiotics and their applications in non-dairy food and beverages

Wozniak, Joanna; **Nisamedtinov, Ildar** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 51

Building climate-resilient healthcare systems: An integrated framework for action

Khalid, Sadia The European Sting 2023 [Building climate-resilient healthcare systems: An integrated framework for action](#)

CagA and VacA genotypes of Helicobacter pylori strains in Estonia and their resistance to antibiotics

Roots, Kaisa; Truu, Liisa; Suurmaa, Külliki; Rütümann, Anna Maria; **Spuul, Pirjo** Microbiota in Health and Disease: The Year in Helicobacter 2022 EHMSG - 35th International Workshop on Helicobacter & Microbiota in Inflammation & Cancer : accepted abstracts 2022 / art. e735, p. 34 https://doi.org/10.26355/mhd_20229_735

Calcium, Barium and Strontium apatites : a new generation of catalysts in the Biginelli reaction

Ben Moussa, Sana; Lachheb, Jalel; Gruselle, Michel; **Maaten, Birgit; Kriis, Kadri; Kanger, Tõnis; Tõnsuaadu, Kaia;** Badraoui, Bechir Tetrahedron 2017 / p. 6542-6548 : ill <https://doi.org/10.1016/j.tet.2017.09.051>

Calling for a systems approach in microbiome research and innovation

Meisner, Annelein; Wepner, Beatrix; Kostic, Tanja; Overbeek, Leo S. van; Bunthof, Christine J.; Correa de Souza, Rafael Soares; Olivares, Marta; Sanz, Yolanda; Lange, Lene; Fischer, Doreen; Sessitsch, Angela; Smidt, Hauke; Microbiome Support Consortium Current opinion in biotechnology 2022 / p. 171–178 : ill <https://doi.org/10.1016/j.copbio.2021.08.003>

Calorimetric approach for comparison of Angiopoietin-like protein 4 with other pancreatic lipase inhibitors

Villo, Ly; Risti, Robert; Reimund, Mart; Kukk, Kaia; Samel, Nigulas; Lõokene, Aivar Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids 2020 / art. 158553, 12 p. : ill <https://doi.org/10.1016/j.bbalip.2019.158553> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Calorimetric assay reveals the importance of substrate choice for determination of lipoprotein lipase activity

Risti, Robert; Villo, Ly; Lõokene, Aivar Atherosclerosis 2021 / p. e122 <https://doi.org/10.1016/j.atherosclerosis.2021.06.361> [Journal metrics at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Calorimetry as a tool for mechanistic studies of lipolytic enzymes under in vivo like conditions = Kalorimeetria rakendamise lipolüütiliste ensüümide mehhanismide uurimiseks

Risti, Robert 2023 <https://doi.org/10.23658/taltech.19/2023> <https://digikogu.taltech.ee/et/Item/40f4a8ba-7a1a-4612-a455-00b1cc0d62d7> <https://www.ester.ee/record=b5560479?est>

Can 3D printing bring droplet microfluidics to every lab? - A systematic review

Gyimah, Nafisat; Scheler, Ott; Rang, Toomas; Pardy, Tamas Micromachines 2021 / art. 339 <https://doi.org/10.3390/mi12030339> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cancer LncRNA Census reveals evidence for deep functional conservation of long noncoding RNAs in tumorigenesis

Carlevaro-Fita, Joan; Lanzós, Andrés; Feuerbach, Lars; Hong, Chen; Mas-Ponte, David; Pedersen, Jakob Skou; Abascal, Federico; Amin, Samirkumar B.; Johnson, Rory; **Uusküla-Reimand, Liis** Communications Biology 2020 / Art. nr. 56 <https://doi.org/10.1038/s42003-019-0741-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cancer sniffer dogs : how can we translate this peculiarity in laboratory medicine? Results of a pilot study on gastrointestinal cancers

Panebianco, Concetta; **Kelman, Edgar; Vene, Kristel;** Gioffreda, Domenica; Tavano, Francesca; **Vilu, Raivo;** Terracciano, Fulvia; **Pata, Illar; Adamberg, Kaarel;** Andriulli, Angelo; Papienza, Valerio Clinical chemistry and laboratory medicine (CCLM) 2017 / p. 138-146 : ill <https://doi.org/10.1515/cclm-2016-1158>

Candidate cancer driver mutations in distal regulatory elements and long-range chromatin interaction networks

Zhu, Helen; **Uusküla-Reimand, Liis;** Isaev, Keren; Wadi, Lina; Alizada, Azad; Shuai, Shimin; Huang, Vincent; Aduloso-Nwaobasi, Dike; Paczkowska, Marta; Abd-Rabbo, Dalia; Ocsenas, Oliver; Liang, Minggao; Thompson, J. Drew; Li, Yao; Ruan, Luyao; Krassowski, Michal; Dzeneladze, Irakli; Simpson, Jared T.; Lupien, Mathieu; Stein, Lincoln D.; Boutros, Paul C.; Wilson, Michael D.; Reimand, Jüri Molecular Cell 2020 / p. 1307-1321.e10 <https://doi.org/10.1016/j.molcel.2019.12.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cannabinoids (Δ9-THC and CBD) quantitative analysis by in-situ portable drug analyzer Drug Hunter

Gorbatšova, J; Bolkvadze, V; Vaher, Merike; Halling, Evelin; Mazina-Šinkar, Jekaterina Flow Analysis XV, Krakow, Poland, June 26 - July 1, 2022 : book of abstracts 2022 / p. 155 https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCKa+2022-05-28+str+numeracja+od+stopki+spad3mm+26_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed

Cannabinoids (Δ9-THC and CBD) quantitative analysis by in-situ portable drug analyzer Drug Hunter

Gorbatšova, Jelena; Bolkvadze, Vyacheslav; Vaher, Merike; Halling, Evelin; Mazina-Šinkar, Jekaterina Flow Analysis XV, Krakow, Poland, June 26 - July 1, 2022 : book of abstracts 2022 / p. 155 https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCKa+2022-05-28+str+numeracja+od+stopki+spad3mm+26_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed

Capillary electrophoresis as a monitoring tool for flow composition determination

Kaljurand, Mihkel; Saar-Reismaa, Piret; Vaher, Merike; Gorbatšova, Jelena; Mazina-Šinkar, Jekaterina Molecules 2021 / art. 4918, 12 p. : ill <https://doi.org/10.3390/molecules26164918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon aerogel-based solid-phase microextraction coating for the analysis of organophosphorus pesticides

Jõul, Piia; Vaher, Merike; Kuhtinskaja, Maria Analytical methods 2021 / p. 69–76 : ill <https://doi.org/10.1039/D0AY02002H> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbonyl hypoidites from pivalic and trimesic acid and their silver(i) intermediates

Ward, Jas S.; **Martõnova, Jevgenia**; Wilson, Laura M. E.; Kramer, Eric; **Aav, Riina**; Rissanen, Kari Dalton Transactions 2022 / p. 14646-14653 <https://doi.org/10.1039/D2DT01988D> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Catalysts derived from sustainable natural and value added alkaloids from poppies

Silm, Estelle; Pata, Pille; Kruis, Jaqueline Cecilia; Sikerina, Anastassia; Pata, Ilar; **Kanger, Tõnis; Gathergood, Nicholas** IUPAC Postgraduate Summer School on Green Chemistry : 7-13 July 2018, Venice - Italy : book of abstracts 2018 / p. 24 https://www.unive.it/pag/fileadmin/user_upload/extra/SSGC/documenti/Book_of_abstracts_per_website_23_July.pdf

Catalysts derived from sustainable natural and value added alkaloids from poppies [Online resource]

Silm, Estelle; Pata, Pille; Kruis, Jaqueline Cecilia; Sikerina, Anastassia; Pata, Ilar; **Kanger, Tõnis; 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://fmdtk.ut.ee/teesid-2018/>

Catalysts derived from sustainable natural and value added alkaloids from poppies [Online resource]

Silm, Estelle; Kanger, Tõnis; Gathergood, Nicholas Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmdtk.ut.ee/teesid/>

Catalyzed resolution and simultaneous selective crystallization

Parve, Jaan; Vares, Lauri; Reile, Indrek; Pehk, Tõnis; Villo, Ly; **Parve, Omar** Comprehensive organic chemistry experiments for the laboratory classroom 2017 / p. 931-934 http://www.ester.ee/record=b4666270*est

Catalytic conversion of recalcitrant glycopolymers : investigation of saccharification and isomerisation in ionic liquids = Tõrksate glükopolümeeride katalüütiline konversioon : sahharifikatsiooni ja isomerisatsiooni uurimine ioonsetes vedelikes

Kontson, Tiina 2021 https://www.ester.ee/record=b5473795*est <https://digikogu.taltech.ee/et/Item/afdb8f5d-41a6-4bfb-9a66-05653b60c076> <https://doi.org/10.23658/taltech.63/2021>

CD44 is a negative regulator of angiogenesis and endothelial cell proliferation

Pink, Anne; Školnaja, Marianna; Päll, Taavi; Valkna, Andres 7eme congres de la Societe Francaise d'Angiogenese : Toulouse, 23-25 Avril 2017 = 7th meeting of the French Angiogenesis Society : Toulouse, 23-25 April 2017 2017 / p. 59

Cell Migration in Microfluidic Devices : Invadosomes Formation in Confined Environments

Chi, Pei-Yin; **Spuul, Pirjo**; Tseng, Fan-Gang Cell migrations : causes and functions 2019 / p. 79-103 https://doi.org/10.1007/978-3-030-17593-1_6 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cell type-specific labelling of newly synthesized proteins by puromycin inactivation

Cabrera-Cabrera, Florencia; Tull, Helena; Capuana, Roberta; Kasvandik, Sergio; **Timmusk, Tõnis; Koppel, Indrek** Journal of biological chemistry 2023 / art. 105129 <https://doi.org/10.1016/j.jbc.2023.105129>

Cellprofiler is a fit tool for droplet digital image analysis

Bartkova, Simona; Vendelin, Marko; Pata, Pille; Scheler, Ott 23rd International Conference on Miniaturized Systems for Chemistry and Life Sciences (MicroTAS 2019) Basel, Switzerland, 27 – 31 October 2019 2020 / art. 163704, p. 1644-1645 <https://doi.org/10.1101/811869>

Cellular, extracellular and extracellular vesicular miRNA profiles of pre-ovulatory follicles indicate signaling disturbances in polycystic ovaries

Rooda, Ilmatar; Hasan, Mohammed Mehedi; Roos, Kristine; Viil, Janeli; Smolander, Olli-Pekka; Velthut-Meikas, Agne International journal of molecular sciences 2020 / art. 9550, 23 p. : ill <https://doi.org/10.3390/ijms21249550> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cereal and confectionary packaging : assessment of sustainability and environmental impact with a special focus on greenhouse gas emissions

Krauter, Victoria; Bauer, Anna-Sophia; Milousi, Maria; Dörnyei, Krisztina Rita; Ganczewski, Greg; **Leppik, Kärt**; Krepil, Jan; Varzakas, Theodoros Foods 2022 / art. 1347 <https://doi.org/10.3390/foods11091347> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cereal and confectionary packaging: background, application and shelf-life Extension

Bauer, Anna-Sophia; **Leppik, Kärt**; Galic, Kata Foods 2022 / art. 697 <https://doi.org/10.3390/foods11050697> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Challenges in noninvasive skin biomarker measurements in daily practice : a longitudinal study on skin surface protein detection by the transdermal analysis patch in pediatric psoriasis

Schaap, Mirjam J.; Bruins, Finola M.; Van Den Brink, Noa J.M.; **Orro, Kadri**; Groenewoud, Hans M.M.; De Jong, Elke M.G.J.; Van Den Bogaard, Ellen H.; Seyger, Marieke M.B. Skin Pharmacology and Physiology 2022 / p. 319 - 327 <https://doi.org/10.1159/000527258> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Change in the carbon footprint of Iranians' food consumption from 1961 to2019: A decomposition analysis of drivers
Bashiri, Bashir; Zehtabvar, Mehmaz; Gavrilova, Olga; **Vilu, Raivo** 13th International Conference Biosystems Engineering, Tartu, Estonia, May 5-7, 2023 : book of abstracts 2023 / p. 11 https://dspace.emu.ee/bitstream/handle/10492/8106/ABS_2023_Book_VV.pdf?sequence=4&isAllowed=y https://www.ester.ee/record=b5569707*est

Characterisation of chemical, microbial and sensory profiles of commercial kombuchas

Andreson, Maret; Kazantseva, Jekaterina; **Kuldjäär, Rain**; Malv, Esther; **Vaikma, Helen**; Kaleda, Aleksei; Kütt, Mary-Liis; **Vilu, Raivo** International journal of food microbiology 2022 / art. 109715 <https://doi.org/10.1016/j.ijfoodmicro.2022.109715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterising and determining the botanical origin of Estonian honeys = Eesti mete iseloomustamine ja botaanilise päritolu määramine

Kivima, Evelin 2022 <https://doi.org/10.23658/taltech.24/2022> <https://digikogu.taltech.ee/et/Item/eae59bf7-e2f3-4681-ba7c-c603889c2ef1> https://www.ester.ee/record=b5502347*est

Characterization of a recombination hotspot in wheat using flow-sorted pollen nuclei and digital PCR

Abrouk, Michael; Zwyrtkova, Jana; Christelova, Pavla; **Jakobson, Irena**; **Järve, Kadri** International Plant & Animal Genome XXV : January 14-18, 2017, San Diego, CA, USA : [poster abstracts] 2017 / poster P0843, p. [230-231] <http://www.intlpag.org/2017/113-newsroom/news-xxv/295-pag-xxv-links>

Characterization of cider fermentation in fresh apple juice and apple juice concentrate [Online resource]

Rosend, Julia; **Kuldjäär, Rain**; **Nisamedtinov, Ildar** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

Characterization of odor-active compounds of various pea preparations by GC-MS, GC-O, and their correlation with sensory attributes

Zhogoleva, Aleksandra; Alas, Maria; Rosenvald, Sirli Future foods 2023 / art. 100243 <https://doi.org/10.1016/j.fufo.2023.100243>

Characterization of oil shale kerogen semi-coke and its application to remove chemical pollutants from aqueous solutions

Lees, Heidi; **Jõul, Piia**; **Pikkor, Heliis**; **Järvik, Oliver**; **Mets, Birgit**; **Konist, Alar** Oil shale 2023 / p. 115-132 : ill <https://doi.org/10.3176/oil.2023.2.02>

Characterization of organosolv lignins and their application in the preparation of aerogels

Jõul, Piia; Ho, Tran T.; **Kallavus, Urve**; **Konist, Alar**; **Leiman, Kristiina**; **Salm, Olivia-Stella**; **Kulp, Maria**; **Koel, Mihkel**; **Lukk, Tiit** Materials 2022 / art. 2861 <https://doi.org/10.3390/ma15082861> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of potassium, sodium and their interactions effects in yeasts

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

Characterization of protein kinase ULK3 regulation by phosphorylation and inhibition by small molecule SU6668

Kasak, Lagle; **Näks, Mihkel**; **Eek, Priit**; **Piirsoo, Alla**; **Bhadoria, Rohit**; **Starkov, Pavel**; Saarma, Merilin; Kasvandik, Sergio; **Piirsoo, Marko** Biochemistry 2018 / p. 5456-5465 <https://doi.org/10.1021/acs.biochem.8b00356> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of TBEV natural foci in Estonia

Värv, Kairi; Remm, Jaanus; Geller, Julia; **Vikentjeva, Maria**; Lundkvist, Ake; Golovljova, Irina 8th European Meeting on Viral Zoonoses, St Raphael, France, 22-25.October, 2017 : program and abstracts 2017 / p. 73 http://euroviralzoon.com/wp-content/uploads/2013/01/8thEMVZ_Scientific_Programme_171017.pdf

Characterization of the complete genome of oat sterile dwarf virus : a fijivirus occurring in the temperate climate zone of Europe

Oja, Tatjana; Sooväli, Pille; Sõmera, Merike Archives of virology 2023 / art. 259 <https://doi.org/10.1007/s00705-023-05890-8>

ChemEASTry Europe, the status of the chemical sciences in a growing region

Gryko, Dorota; Szumna, Agnieszka; **Aav, Riina**; Soos, Tibor The journal of organic chemistry 2023 / p. 12165-12167 <https://doi.org/10.1021/acs.joc.3c01805>

Chemical analysis of dumped chemical warfare agents during the MODUM project

Söderström, Martin; Östin, Anders; **Vaher, Merike**; **Jõul, Piia**; **Lees, Heidi**; **Kaljurand, Mihkel** Towards the monitoring of dumped munitions threat (MODUM) : a study of chemical munitions dumpsites in the Baltic Sea 2018 / p. 71-103 https://doi.org/10.1007/978-94-024-1153-9_4 [Article collections at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Chemical Composition and Antibacterial Effect of Mentha spp. Grown in Estonia

Kapp, Karmen; Püssa, Tõnu; **Orav, Anne**; Roasto, Mati; Raal, Ain; Vuorela, Pia; Vuorela, Heikki; Tammela, Päivi Natural product communications 2020 / 14 p <https://doi.org/10.1177/1934578X20977615> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemical composition of essential oil of common juniper (Juniperus communis L.) branches from Estonia

Raal, Ain; Komarov, Rostislav; **Orav, Anne**; Kapp, Karmen; Grytsyk, Andriy; Koshovyi, Oleh ScienceRise: Pharmaceutical Science 2022 / p. 66 - 73 <https://doi.org/10.15587/2519-4852.2022.271048> [Journal metrics at Scopus](#) [Article at Scopus](#)

Chemical modification of met and his residues of amyloid β peptide. Influence of copper ions and effect on fibrillization = Metioniini ja histidiini jääkide keemiline modifitseerimine amüloid- β peptiidis. Vaskioonide mõju ja efekt fibrillisatsioonile

Sardis, Merlin 2021 <https://doi.org/10.23658/taltech.19/2021> https://www.eester.ee/record=b5416905*est
<https://digikogu.taltech.ee/et/Item/acced69c-c690-4cb5-a972-48e1c4ae5c66>

Chemical, metagenomic and sensory differences in kimchi fermented in industrial and laboratory scale

Aus, Emili; Kuldjärv, Rain; Meikas, Anne; **Vaikma, Helen**; Janusova, Marina 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 103
https://conferences.ltu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Chiral Auxiliaries and Chirogenesis

2021 <https://doi.org/10.3390/books978-3-0365-1017-0>

Chiral Auxiliaries and Chirogenesis II

2021 <https://doi.org/10.3390/books978-3-0365-1155-9>

Chiral auxiliaries and chirogenesis ii

Symmetry 2021 / art. 1157 <https://doi.org/10.3390/sym13071157> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chiral hemicucurbit[8]uril as an anion receptor : selectivity to size, shape and charge distribution

Kaabel, Sandra; Adamson, Jasper; Topic, Filip; **Öeren, Mario**; **Reimund, Mart**; **Prigorchenko, Elena**; **Löökene, Aivar**; **Aav, Riina** Chemical science 2017 / p. 2184-2190 : ill <https://doi.org/10.1039/C6SC05058A>

Chiral hemicucurbit[8]uril complexation with anionic guests : an NMR titration and variable temperature NMR study

Adamson, Jasper; **Kaabel, Sandra**; **Prigorchenko, Elena**; Reich, Hans J.; Rissanen, Kari; **Aav, Riina** SMASH 2017 : Conference Program, September 17th-20th 2017, Baveno, Italy 2017 / p. 117-1250 : ill

Chiral Hemicucurbit[N]Urils, their synthesis, post functionalization and application

Mishra, Kamini Atindrakumar; **Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / O 21
https://fmt.dk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Chiral heterocycle-based receptors for enantioselective recognition

Khose, Vaibhav N.; John, Marina E.; Pandey, Anita D.; **Borovkov, Victor**; Karnik, Anil V. Chiral Auxiliaries and Chirogenesis 2021 / p. 27-101 <https://doi.org/10.3390/books978-3-0365-1017-0> <https://doi.org/10.3390/sym10020034>

Chiral heterocycle-based receptors for enantioselective recognition

Khose, Vaibhav N.; John, Marina E.; Pandey, Anita D.; **Borovkov, Victor**; Karnik, Anil V. Symmetry 2018 / 75 p : ill
<https://doi.org/10.3390/sym10020034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chiral ionic liquids : effect of symmetry and stereochemistry on toxicity and biodegradation

Gathergood, Nicholas Symmetry : culture and science 2017 / p. 179-182 : ill <http://journal-scs.symmetry.hu/content-pages/volume-28-number-2-pages-161-240-2017/>

Chiral molecular containers hemicucurbiturils - are they symmetric or asymmetric?

Aav, Riina Symmetry : culture and science 2017 / p. 167-170 : ill <http://journal-scs.symmetry.hu/content-pages/volume-28-number-2-pages-161-240-2017/>

Chiral recognition by supramolecular porphyrin-hemicucurbit[8]uril-functionalized gravimetric sensors

Magna, Gabriele; **Šakarašvili, Marko**; Stefanelli, Manuela; Giancane, Gabriele; Bettini, Simona; Valli, Ludovico; **Ustrnul, Lukas**; **Borovkov, Victor**; **Aav, Riina**; Monti, Donato; Di Natale, Corrado; Paolesse, Roberto ACS applied materials and interfaces 2023 / p. 30674-30683 <https://doi.org/10.1021/acsami.3c05177>

Chirality induction and self-assembly of metallo-porphyrins by chiral cyclohexanohemicucurbiturils

Aav, Riina Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 9
http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

Chirogenesis in asymmetric synthesis and catalysis

Kananovich, Dzmitry; Lopp, Margus Chirogenesis in Chemical Science 2023 / p. 169-240

https://doi.org/10.1142/9789811259227_0004

Chirogenesis in Chemical Science

2023 <https://doi.org/10.1142/12915>

Chirogenesis in supramolecular systems

Ustrnul, Lukas; Borovkov, Victor; Aav, Riina Chirogenesis in Chemical Science 2023 / p. 69-123

https://doi.org/10.1142/9789811259227_0002

Chirogenesis in supramolecular systems

Kanagaraj, Kuppusamy; Yang, Cheng; Borovkov, Victor Fundamentals of supramolecular chirality 2021 / p. 85-147

https://doi.org/10.1142/9781800610255_0004

Chirogenesis in supramolecular systems on the basis of porphyrinoids

Borovkov, Victor Proceedings : 2018, Symmetry 2017 ; vol. 2 2018 / p. 83 <https://doi.org/10.3390/proceedings2010083>

Chirogenesis in Zinc porphyrins : theoretical evaluation of electronic transitions, controlling structural factors and axial ligation

Osadchuk, Irina; Aav, Riina; Borovkov, Victor; Clot, Eric ChemPhysChem 2021 / p. 1817–1833 : ill

<https://doi.org/10.1002/cphc.202100345> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chirogenic interaction of chiral cyclohexanohemicucurbit[n]urils with bis(Zn porphyrin)

Šakarašvili, Marko; Ustrnul, Lukas; Konrad, Nele; Aav, Riina Twelfth International Conference on Porphyrins and Phthalocyanines

: ICPP-12 : book of abstracts 2022 / p. 448 http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

Chitosan nanoparticles having higher degree of acetylation induce resistance against pearl millet downy mildew through nitric oxide generation

Siddaiah, Chandra Nayaka; Prasanth, Keelara Veerappa Harish; Satyanarayana, Niranjan Raj; Mudili, Venkataramana; Gupta, Vijai

Kumar; Kalagatur, Naveen Kumar; Satyavati, Tara; Dai, Xiao-Feng; Chen, Jie-Yin; Mocan, Andrei Scientific reports 2018 / art. 2485,

14 p. : ill <https://doi.org/10.1038/s41598-017-19016-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at WOS](#)

Chloride, bromide, and TFA determination in the mixture of ionic liquids by CE-C4D

Gorbatšova, Jelena; Kuhtinskaja, Maria; Halling, Evelin; Mazina-Šinkar, Jekaterina V4 Symposium FLOW ANALYSIS &

CAPILLARY ELECTROPHORESIS, Krakow, June 28 – July 1, 2021 : abstracts 2021 / 1 p

Chloromethylation of lignin as a route to functional material with catalytic properties in cross-coupling and click reactions

Mohan, Mahendra Kothottil; Silenko, Oleg; Krasnou, Illia; Volobujeva, Olga; Kulp, Maria; Ošeka, Maksim; Lukk, Tiit;

Karpichev, Yevgen ChemSusChem 2024 / art. e202301588 <https://doi.org/10.1002/cssc.202301588>

Chloromethylation of lignin as a route to functional material with catalytic properties in cross-coupling and click reactions : preprint

Mohan, Mahendra Kothottil; Silenko, Oleg; Krasnou, Illia; Volobujeva, Olga; Kulp, Maria; Ošeka, Maksim; Lukk, Tiit;

Karpichev, Yevgen ChemRxiv 2023 / 20 p <https://doi.org/10.26434/chemrxiv-2023-w98xc>

The chromatin determinants and Ph1 gene effect at wheat sites with contrasting recombination frequency

Majka, Maciej; Janáková, Eva; Jakobson, Irena; Järve, Kadri; Cápál, Petr; Korchanová, Zuzanna; Lampar, Adam; Juračka, Jakub;

Valárik, Miroslav Journal of advanced research 2023 / art. ? <https://doi.org/10.1016/j.jare.2023.01.002>

Chromatographic analysis of cyclohexano-substituted hemicucurbiturils and characterization of their intermediates with mass spectrometry = Tsükloheksaano-asendatud hemikukurbituriilide kromatograafiline analüüs ning nende vaheühendite mass-spektromeetiline iseloomustamine

Fomitšenko, Maria 2017 http://www.ester.ee/record=b4748237*est <https://digi.lib.ttu.ee/i/?9122>

Chrysophanol : a natural anthraquinone with multifaceted biotherapeutic potential

Prakteeksha; Yusuf, Mohd Aslam; Singh, Brahma N.; Sudheer, Surya; Gupta, Vijai Kumar Biomolecules 2019 / art. 68, 24 p. : ill

<https://doi.org/10.3390/biom9020068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Class XI myosins contribute to auxin response and senescence-induced cell death in Arabidopsis

Ojangu, Eve-Ly; Ilau, Birger; Tanner, Krista; Talts, Kristiina; Ihoma, Eliis; Dolja, Valerian V.; Paves, Heiti; Truve, Erkki

Frontiers in plant science 2018 / art. 1570, 21 p. : ill <https://doi.org/10.3389/fpls.2018.01570> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Cleaning procedure for the screen-printed RuO₂ pH electrodes

Lazouskaya, Maryna; Vetik, Iuliia; Uppuluri, Kiranmai; Razmi, Nasrin; **Scheler, Ott** IEEE Sensors 2022 : Dallas, Texas, USA : 30 October 2022 - 02 November 2022 : Sensors 2022 conference proceedings 2022 / 4 p. : ill
<https://doi.org/10.1109/SENSOR52175.2022.9967177> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Climate change and antibiotic resistance: A looming global health crisis

Khalid, Sadia The European Sting 2023 [Climate change and antibiotic resistance: A looming global health crisis](#)

Climate change and infectious diseases: Heightened concerns regarding H. pylori

Khalid, Sadia The European Sting 2023 [Climate change and infectious diseases: Heightened concerns regarding H. pylori](#)

Climate change's complex impact on food security and the right to adequate nutrition

Khalid, Sadia The European Sting 2023 [Climate Change's Complex Impact on Food Security and the Right to Adequate Nutrition](#)

Cloning and expression of ATP N-glycosidase from the freshwater sponge Ephydatia muelleri

Reintamm, Tõnu; Vallmann, Kerli; Kolk, Kaidi; Pär, Mailis; Lopp, Annika; Aas-Valleriani, Nele; Kelve, Merike Biochimie 2019 / p. 126-129 <https://doi.org/10.1016/j.biochi.2018.12.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CO₂ reduction to formate on an affordable bismuth metal-organic framework based catalyst

Avila-Bolivar, Beatriz; Cepitis, Rītums; Alam, Mahboob; Starkov, Pavel Journal of CO₂ Utilization 2022 / art. 101937, 11 p
<https://doi.org/10.1016/j.jcou.2022.101937> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coating with microbial hydrophobins : a novel approach to develop smart drug nanoparticles

Singh, Brahma N.; Singh, Braj R.; Gupta, Vijai Kumar Trends in biotechnology 2018 / p. 1103–1106 : ill
<https://doi.org/10.1016/j.tibtech.2018.03.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cocaine-induced epigenetic DNA modification in mouse addiction-specific and non-specific tissues

Anier, Kaili; Urb, Mari; Kipper, Karin; Herodes, Koit; Timmusk, Tõnis Neuropharmacology 2018 / p. 13-25
<https://doi.org/10.1016/j.neuropharm.2018.06.036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Co-culture process development using individual substrates

Kattel, Anna; Morell, Indrek; **Aro, Valter; Nahku, Ranno; Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 28

Co-gasification of biomass and oil shale under CO₂ atmosphere : comparative analysis of fixed-bed reactor, gas chromatography and thermogravimetric analysis coupled with mass spectroscopy (TGA-MS)

Sinisaalu, Mari; Järvik, Oliver; Mets, Birgit; Konist, Alar Bioresource technology 2024 / art. 130086
<https://doi.org/10.1016/j.biortech.2023.130086>

Cogniflow-drop : integrated modular system for automated generation of droplets in microfluidic applications

Jõemaa, Rauno; Gyimah, Nafisat; Ashraf, Kanwal; Pärnamets, Kaiser; Zaft, Alexander; Scheler, Ott; Rang, Toomas; Pardy, Tamas IEEE Access 2023 / p. 104905-104929 <https://doi.org/10.1109/ACCESS.2023.3316726>

Cold adapted fungi from Indian Himalaya : untapped source for bioprospecting

Pandey, Anita D.; Dhakar, Kusum; Jain, Rahul; Pandey, Neha; Gupta, Vijai Kumar; Kooliyottil, Rinu; Dhyani, Ashish; Malviya, Mukesh K.; Adhikari, Priyanka Proceedings of the National Academy of Sciences India Section B - Biological Sciences 2019 / p. 1125-11321 : ill <https://doi.org/10.1007/s40011-018-1002-0> [Journal metrics at Scopus](#) [Article at Scopus](#)

Colorectal polyps increase the glycolytic activity

Rebane-Klemm, Egle; Reinsalu, Leenu; Puurand, Marju; Ševtšuk, Igor; Bogovskaja, Jelena; Suurmaa, Külliki; Valvere, Vahur; Moreno-Sanchez, Rafael; Käämbre, Tuuli Frontiers in oncology 2023 / art. 1171887, 11 p. : ill <https://doi.org/10.3389/fonc.2023.1171887>

Combinational inhibitory action of hedychium spicatum L. essential oil and γ-radiation on growth rate and mycotoxins content of fusarium graminearum in maize: response surface methodology

Kalagatur, Naveen K.; Kamasani, Jalarama R.; Siddaiah, Chandranayaka; Gupta, Vijai Kumar; Krishna, Kadirvelu; Mudili, Venkataramana Frontiers in microbiology 2018 / art. 1511, 15 p. : ill <https://doi.org/10.3389/fmicb.2018.01511> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combined action of albumin and heparin regulates lipoprotein lipase oligomerization, stability, and ligand interactions

Risti, Robert; Gunn, Kathryn H.; Hiis-Hommuk, Kristofer; Seeba, Natjan-Naatan; Karimi, Hamed; Villo, Ly; Vendelin, Marko; Neher, Saskia B.; Löökene, Aivar PLoS ONE 2023 / art. e0283358, 24 p. : ill <https://doi.org/10.1371/journal.pone.0283358>

Combined burden and functional impact tests for cancer driver discovery using DriverPower

Shuai, Shimin; Abascal, Federico; Amin, Samirkumar B.; Bader, Gary D.; Bandopadhyay, Pratiti; Barenboim, Jonathan; Beroukhim, Rameen; Bertl, Johanna; Boroevich, Keith A.; Uusküla-Reimand, Liis Nature Communications 2020 / art. 734

Co-metabolism of mucins and dietary fibres by gut microbiota = Mutsiinide ja kiudainete kometabolism soolestiku mikrobioota poolt

Raba, Grete 2023 <https://doi.org/10.23658/taltech.11/2023> <https://digikogu.taltech.ee/et/Item/37ec835d-31e6-4779-97c5-f5c65d0dbe48>
https://www.ester.ee/record=b5552661*est

Compact empirical model for droplet generation in a Lab-on-Chip cytometry system

Pärnamets, Kaiser; Udal, Andres; Koel, Ants; Pardy, Tamas; Gyimah, Nafisat; Rang, Toomas IEEE Access 2022 / p. 127708-127717 <https://doi.org/10.1109/ACCESS.2022.3226623> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative analysis of Helicobacter pylori strains isolated from Estonia in 2020-2022

Truu, Laura; Roots, Kaisa; Suurmaa, K.; Rütümann, A.; Sarand, Inga; Spuul, Pirjo EHMSG – 36th International Workshop on Helicobacter & Microbiota in Inflammation & Cancer : Abstract Book 2023 / p. 131 https://doi.org/10.26355/mhd_20239_857

A comparative evaluation towards the potential of Klebsiella sp. and Enterobacter sp. in plant growth promotion, oxidative stress tolerance and chromium uptake in Helianthus annuus (L.)

Gupta, Pratishtha; Kumar, Vipin; Usmani, Zeba; Rani, Rupa; Chandra, Avantika; Gupta, Vijai Kumar Journal of hazardous materials 2019 / 7 p. : ill <https://doi.org/10.1016/j.jhazmat.2019.05.054> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative genomic analysis of monosporidial and monoteliosporic cultures for unraveling the complexity of molecular pathogenesis of Tilletia indica pathogen of wheat

Mishra, Pallavi; Maurya, Ranjeet; Gupta, Vijai Kumar; Ramteke, Pramod Wasudeo; Marla, Soma S.; Kumar, Anil Scientific reports 2019 / art. 8185, 15 p. : ill <https://doi.org/10.1038/s41598-019-44464-0> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of mechanical and antibacterial properties of TiO₂/Ag ceramics and Ti₆Al₄V-TiO₂/Ag composite materials using combined SLM-SPS techniques

Rahmani Ahranjani, Ramin; Rosenberg, Merilin; Ivask, Angela; Kollo, Lauri Metals 2019 / art. 874, 13 p. : ill <https://doi.org/10.3390/met9080874> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Compensation of the baseline temperature fluctuations for autonomous CE–C4D instrument working in harsh environments

Drevinskas, Tomas; Telksnys, Laimutis; Maruška, Audrius; Gorbatošova, Jelena; Kaljurand, Mihkel Electrophoresis 2018 / p. 2877–2883 : ill <https://doi.org/10.1002/elps.201800132> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Complete capillary electrophoresis process on a drone : towards a flying micro-lab

Drevinskas, Tomas; Maruška, Audrius; Girdauskas, Valdas; Dūda, Gediminas; Gorbatošova, Jelena; Kaljurand, Mihkel Analytical Methods 2020 / p. 4977 - 4986 <https://doi.org/10.1039/d0ay01220c> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Complete genome sequencing of the luminescent bacterium, vibrio qinghaiensis sp. Q67 using PacBio technology

Gong, Liang; Wu, Yu; Jian, Qijie; Yin, Chunxiao; Gupta, Vijai Kumar; Duan, Xuewu; Jiang, Yueming Scientific Data 2018 / art. 170205 <https://doi.org/10.1038/sdata.2017.205> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Complete nucleotide sequence of Solanum nodiflorum mottle virus

Sõmera, Merike; Truve, Erkki Archives of virology 2017 / p. 1731-1736 : ill <https://doi.org/10.1007/s00705-017-3273-9>

Complex association of apolipoprotein E–containing HDL with coronary artery disease burden in cardiovascular disease

Sorokin, Alexander V.; Patel, Nidhi; Abdelrahman, Khaled M.; Ling, Clarence; Reimund, Mart; Graziano, Giorgio; Sampson, Maureen; Playford, Martin P. JCI Insight 2022 / art. e159577 <https://doi.org/10.1172/jci.insight.159577>

Complexes of HXeY with HX (Y, X = F, Cl, Br, I): Symmetry-Adapted Perturbation Theory Study and Anharmonic Vibrational Analysis

Dzieciol, Bartosz; Osadchuk, Irina; Cukras, Janusz; Lundell, Jan Molecules 2023 / art. 5148 <https://doi.org/10.3390/molecules28135148>

The complexity of mitochondrial outer membrane permeability and VDAC regulation by associated proteins

Klepinin, Aleksandr; Õunpuu, Ljudmila; Mädo, Kati; Truu, Laura; Tšekulajev, Vladimir; Puurand, Marju; Ševtšuk, Igor; Tepp, Kersti; Planken, Anu; Käämbre, Tuuli Journal of bioenergetics and biomembranes 2018 / p. 339-354 : ill <http://doi.org/10.1007/s10863-018-9765-9>

Composition and antibacterial effect of mint flavorings in candies and food supplements

Kapp, Karmen; Orav, Anne; Roasto, Mati; Raal, Ain; Püssa, Tõnu; Vuorela, Heikki; Tammela, Päivi; Vuorela, Pia Planta medica

Composition and metabolism of fecal microbiota from normal and overweight children are differentially affected by melibiose, raffinose and raffinose-derived fructans

Adamberg, Kaarel; Adamberg, Signe; Ernits, Karin Anaerobe 2018 / p. 100-110 : ill <https://doi.org/10.1016/j.anaerobe.2018.06.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The composition of faecal microbiota is related to the amount and variety of dietary fibres

Adamberg, Kaarel; Jaagura, Madis; Aaspõllu, Anu; Nurk, Eha; **Adamberg, Signe** International Journal of Food Sciences and Nutrition 2020 / p. 845-855 : ill <https://doi.org/10.1080/09637486.2020.1727864> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Composition of polysaccharides in hull-less barley sourdough bread and their impact on physical properties of bread

Reidzane, Sanita; Gramatina, Ilze; Galoburda, Ruta; Komasilovs, Vitalijs; Zacepins, Aleksejs; **Bljaghina, Anastassia;** Kince, Tatjana; **Traksmaa, Anna;** Klava, Dace Foods 2023 / art. 155 <https://doi.org/10.3390/foods12010155>

Composition, physico-chemical properties and antioxidant activity of Estonian honeys

Kivima, Evelin; Tanilas, Kristel; Martverk, Kaie; **Laos, Katrin** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 125

The composition, physicochemical properties, antioxidant activity, and sensory properties of Estonian honeys

Kivima, Evelin; Tanilas, Kristel; **Martverk, Kaie;** Rosenväld, Sirli; **Timberg, Loreida;** **Laos, Katrin** Foods 2021 / art. 511, 14 p <https://doi.org/10.3390/foods10030511> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Compound's pre-screening of withania somnifera, Baccopa monnieri and centella asiatica extracts

Witter, Steffi; Arju, Georg; Junusova, Marina; **Kuhtinskaja, Maria;** **Samoson, Ago;** Witter, Raiker; Vilu, Raivo Journal of biosciences and medicines 2020 / p. 80-98 <https://doi.org/10.4236/jbm.2020.89007>

Comprehensive analysis of chromothripsis in 2,658 human cancers using whole-genome sequencing

Cortés-Ciriano, Isidro; Lee, Jake June-Koo; Xi, Ruibin; Jain, Dhawal; Jung, Youngsook Lucy; Yang, Lixing; Gordenin, Dmitry; Klimczak, Leszek J.; **Uusküla-Reimand, Liis** Nature Genetics 2020 / p. 331-341 <https://doi.org/10.1038/s41588-019-0576-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comprehensive analysis of proteolysis during 8 months of ripening of high-cooked Old Saare cheese

Taivosalo, Anastassia; Kriščiunaite, Tiina; **Seiman, Andrus;** Part, Natalja; Stulova, Irina; **Vilu, Raivo** Journal of dairy science 2018 / p. 944-967 : ill <https://doi.org/10.3168/jds.2017-12944> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comprehensive analysis of proteolysis in cheese [Online resource]

Taivosalo, Anastassia; Kriščiunaite, Tiina; **Seiman, Andrus;** Part, Natalja; Stulova, Irina; **Vilu, Raivo** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

Comprehensive molecular characterization of mitochondrial genomes in human cancers

Yuan, Yuan; Ju, Young Seok; Kim, Youngwook; Li, Jun; Wang, Yumeng; Yoon, Christopher J.; Yang, Yang; Martincorena, Inigo; Creighton, Chad J.; **Uusküla-Reimand, Liis** Nature Genetics 2020 / p. 342 - 352 <https://doi.org/10.1038/s41588-019-0557-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The computational approach for rational monomer selection in molecularly imprinted polymer synthesis [Online resource]

Boroznjak, Roman; Lomaka, Andre; **Sõritski, Vitali;** **Reut, Jekaterina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fntdk.ut.ee/teesid/>

A computational approach to study functional monomer|protein molecular interactions to optimize protein molecular imprinting

Boroznjak, Roman; **Reut, Jekaterina;** **Tretjakov, Aleksei;** Lomaka, Andre; **Õpik, Andres;** **Sõritski, Vitali** Journal of molecular recognition 2017 / art. e2635, p. 1-9 : ill <https://doi.org/10.1002/jmr.2635>

Connecting the A,B- and D-rings of 9,11-secoosterols

Rõuk, Kristi; **Kõllo, Marek;** **Lopp, Margus** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 149 [Kogumik](#)

Consumer acceptance on the sensory characteristics and naturality of dry and medium dry apple ciders available on Estonian market [Online resource]

Kuldjärv, Rain; Koppel, Kadri Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

Consumption of multi-fiber enriched yogurt increased the levels of *Catenibacterium mitsuokai* and *Parabacteroides distasonis*

Jaagura, Madis; Part, Natalja; **Adamberg, Kaarel**; Kazantseva, Jekaterina; Viiard, Ene *Pharmadvances* 2022 / p. 59
<http://www.pharmadvances.com/wp-content/uploads/2022/01/Posters.pdf>

Consumption of multi-fiber enriched yogurt is associated with increase of *Bifidobacterium animalis* and butyrate producing bacteria in human fecal microbiota

Jaagura, Madis; Part, Natalja; **Adamberg, Kaarel**; Kazantseva, Jekaterina; Viiard, Ene *Journal of Functional Foods* 2022 / Art. nr. 104899 <https://doi.org/10.1016/j.jff.2021.104899> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A conundrum of r-protein stability : unbalanced stoichiometry of r-proteins during stationary phase in *Escherichia coli*

Reier, Kaspar; **Lahtvee, Petri-Jaan**; Liiv, Aivar; Remme, Jaanus *mBio* 2022 / art. e01873-22 : ill <https://doi.org/10.1128/mbio.01873-22>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coping diabetes distress : learning, connecting, and engaging

Khalid, Sadia *The European Sting* 2022 <https://europeansting.com/2022/12/21/coping-diabetes-distress-learning-connecting-and-engaging/>

Copper metabolism in health and disease : focus on copper in adipogenesis and α -lipoic acid in Wilson disease = Vase ainevahetus tervise ja haiguse tingimustes : fookus vasele adipogeneesil ja α -lipoehappele Wilsoni tõve korral

Kabin, Ekaterina 2023 <https://doi.org/10.23658/taltech.69/2023> <https://digikogu.taltech.ee/et/Item/6b47422f-75fd-4e9a-b16c-8edd3c3e201a>
https://www.ester.ee/record=b5645433*est

Copper(II)-binding properties of de-coppering drugs for the treatment of Wilson disease. α -Lipoic acid as a potential anti-copper agent

Smirnova, Julia; Kabin, Ekaterina; Järving, Ivar; Bragina, Olga; Tõugu, Vello; Plitz, Thomas; **Palumaa, Peep** *Scientific reports* 2018 / art. 1463, 9 p. : ill <https://doi.org/10.1038/s41598-018-19873-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Copper(II)-binding properties of de-coppering drugs for treatment of Wilson disease

Smirnova, Julia; Kabin, Ekaterina; Järving, Ivar; Tõugu, Vello; Plitz, T.; **Palumaa, Peep** *The FEBS journal* 2017 / p. 337
<https://doi.org/10.1111/febs.14174>

Copper(II)-binding equilibria in human blood

Kirsipuu, Tiina; Zadorožnaja, Anna; **Smirnova, Julia**; Friedemann, Merlin; Plitz, Thomas; Tõugu, Vello; **Palumaa, Peep** *Scientific reports* 2020 / art. 5686, 10 p. : ill <https://doi.org/10.1038/s41598-020-62560-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Correction to: Transcriptome-wide identification of genes involved in Ascorbate–Glutathione cycle (Halliwell–Asada pathway) and related pathway for elucidating its role in antioxidative potential in finger millet (*Eleusine coracana* (L.)) (3 Biotech, (2018), 8, 12, (499), 10.1007/s13205-018-1511-9)

Avashthi, Himanshu; Pathak, Rajesh Kumar; Pandey, Neetesh; Arora, Sandeep; Mishra, Amrendra Kumar; **Gupta, Vijai Kumar**; Ramteke, Pramod Wasudeo; Kumar, Anil 3 *Biotech* 2019 / p. 337 <https://doi.org/10.1007/s13205-019-1864-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Correlation of gc-o and sensory data of Finnish honeys - methods and challenges

Rosenvald, Sirli; Kortseniemi, M.; Laaksonen, O.; Ollikka, T.; **Vene, Kristel**; Yang, Baoru 12th Pangborn Sensory Science Symposium : 20-24 August 2017, Rhode Island Convention Center, Providence, Rhode Island, USA 2017 / p. [P2.3.16]

Correlation of GC-O and sensory data of Finnish honeys - overview of statistical methods [Online resource]

Rosenvald, Sirli; Yang, Baoru Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmdtk.ut.ee/teesid/>

Corrigendum: A survey using high-throughput sequencing suggests that the diversity of cereal and barley yellow dwarf viruses is underestimated (*Front. Microbiol.*, (2021), 12, (673218), 10.3389/fmicb.2021.673218)

Sõmera, Merike; Massart, Sébastien; Tamisier, Lucie; Sooväli, Pille; Sathees, Kanitha; Kvarnheden, Anders *Frontiers in microbiology* 2021 / art. 772637, 2 p <https://doi.org/10.3389/fmicb.2021.772637> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A COST Action on microbial responses to low pH : developing links and sharing resources across the academic-industrial divide

Azizi, Tamir; Carvalho De Araujo, Laurine; Cetecioglu, Zeynep; Clancy, Aisha J.; Feger, Marie L.; Liran, Oded; O'Byrne, Conor; **Sanka, Immanuel**; **Scheler, Ott**; Sedlakova-Kadukova, Jana; Ziv, Carmit; De Biase, Daniela; Lund, Peter A. *New biotechnology* 2022 / p. 64-70 <https://doi.org/10.1016/j.nbt.2022.09.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

COVID-19 pandemic and vaccine hesitancy : how to have right vaccine related conversations

Khalid, Sadia The European Sting 2022 <https://europeansting.com/2022/06/10/covid-19-pandemic-and-vaccine-hesitancy-how-to-have-right-vaccine-related-conversations/>

CREB family transcription factors are major mediators of BDNF transcriptional autoregulation in cortical neurons

Esvald, Eli-Eelika; Tuvikene, Jürgen; Sirp, Alex; Patil, Sudarshan; Bramham, Clive; **Timmusk, Tõnis** Journal of neuroscience 2020 / p. 1405-1426 : ill <https://doi.org/10.1523/JNEUROSCI.0367-19.2019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CRISPR/Cas-mediated plant genome editing : outstanding challenges a decade after implementation

Cardi, Teodoro; Murovec, Jana; Bakhsh, Allah; Boniecka, Justyna; Brueggmann, Tobias; Bull, Simon E.; Eeckhaut, Tom; Fladung, Matthias; Galovic, Vladislava; Linkiewicz, Anna; Lukan, Tjaša; Mafra, Isabel; Michalski, Krzysztof; Kavas, Musa; Nicolia, Alessandro; Nowakowska, Justyna; Sagi, Laszlo; **Sarmiento Guerin, Maria Cecilia;** Yildirim, Kubilay; Zlatkovic, Milica; Hensel, Goetz; Van Laere, Katrijn Trends in plant science 2023 <https://doi.org/10.1016/j.tplants.2023.05.012>

Cross-kingdom small RNAs among animals, plants and microbes

Zeng, Jun; **Gupta, Vijai Kumar;** Jiang, Yueming; Yang, Bao; Gong, Liang; Zhu, Hong Cells 2019 / art. 371 <https://doi.org/10.3390/cells8040371> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cross-talk between bioactive lipid mediators and the unfolded protein response in ischemic stroke

Teder, Tarvi; Haeggström, Jesper Z.; Airavaara, Mikko; **Löhela, Helike** Prostaglandins & other lipid mediators 2023 / art. 106760 <https://doi.org/10.1016/j.prostaglandins.2023.106760>

Cryo-protective effect of an ice-binding protein derived from Antarctic bacteria

Mangiagalli, Marco; Bar-Dolev, Maya; Tedesco, Pietro; Natalello, Antonino; **Kaleda, Aleksei** The FEBS journal 2017 / p. 163-177 : ill <http://dx.doi.org/10.1111/febs.13965>

Crystal structure and magnetic properties of Peacock- Weakley type polyoxometalates Na₉[Ln(W₅O₁₈)₂] (Ln = Tm, Yb): Rare example of Tm(III) SMM

Marichak, Oleksandra; **Kaabel, Sandra; Karpichev, Yevgen;** Rozantsev, Georgiy M.; Radio, Serhii V.; Pichon, Celine Magnetochemistry 2020 / 14 p. : ill <https://doi.org/10.3390/magnetochemistry6040053> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Crystallization of host-guest complexes with a chiral hemicucurbit[8]uril

Kaabel, Sandra; Topic, Filip; **Aav, Riina;** Rissanen, Kari 23rd International Conference on the Chemistry of the Organic Solid State (ICCOSS-XXIII), Stellenbosch, South Africa, April 2nd to 7th, 2017 2017 / P-28, p. 109 : ill <https://docplayer.net/51737571-icco-xxiii-stellenbosch-south-africa-contents-message-from-the-chair-of-the-organising-committee-2-previous-icco-ss-meetings-3-committees-4.html>

Cubic iron core-shell nanoparticles functionalized to obtain high-performance MRI contrast agents

Volokhova, Maria; Shugai, Anna; Tsujimoto, Masahiko; Kubo, Anna-Liisa; Telliskivi, Sven; Nigul, Mait; Uudeküll, Peep; Vija, Heiki; Bondarenko, Olesja; Adamson, Jasper; Kahru, Anne; Stern, Raivo; Seinberg, Liis Materials 2022 / art. 2228 <https://doi.org/10.3390/ma15062228> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cucurbiturils : synthesis, structures, formation mechanisms, and nomenclature

Aav, Riina; Kaabel, Sandra; Fomitšenko, Maria Comprehensive supramolecular chemistry II. Vol. 3, Supramolecular receptors 2017 / p. 203-220 : ill <https://doi.org/10.1016/B978-0-12-409547-2.12514-4>

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](#)

Cyclohexanohemicucurbit[8]uril inclusion complexes with heterocycles and selective extraction of sulfur compounds from water

Shalima, Tatsiana; Mishra, Kamini Atindrakumar; Kaabel, Sandra; Ustrnol, Lukas; Bartkova, Simona; Tõnsuaadu, Kaia; Heinmaa, Ivo; Aav, Riina Frontiers in chemistry 2021 / art. 786746, 8 p. : ill <https://doi.org/10.3389/fchem.2021.786746> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cyclohexanohemicucurbit[n]uril macrocycles: supramolecular interactions

Ustrnol, Lukas; Aav, Riina Balticum Organicum Synthetium (BOS 2022) : program and abstract book 2022 / p. 164 [Kogumik](#)

Cyclohexanohemicucurbit[n]urils, their synthesis, formation mechanism, and complexation =

Tsükloheksanohemikukurbit[n]uriilid, nende süntees, tekkemehhanism ja komplekseerumine Prigorchenko, Elena 2019 <https://digi.lib.ttu.ee/i/?12083>

Cytosporone B as a biological preservative: purification, fungicidal activity and mechanism of action against geotrichum citri-aurantii

Yin, Chunxiao; Liu, Hongxin; Shan, Yang; **Gupta, Vijai Kumar**; Jiang, Yueming; Zhang, Weimin; Tan, Haibo; Gong, Liang
Biomolecules 2019 / Art. nr. 125 <https://doi.org/10.3390/biom9040125> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Daughterless, the Drosophila orthologue of TCF4, is required for associative learning and maintenance of the synaptic proteome

Tamberg, Laura; Jaago, Mariliis; Säälik, Kristi; Sirp, Alex; Tuvikene, Jürgen; Šubina, Anastassia; Kiir, Carl Alexander; Nurm, Kaja; Sepp, Mari; Timmusk, Tõnis; Palgi, Mari Disease Models & Mechanisms 2020 / art. dmm042747, 15 p. : ill
<https://doi.org/10.1242/dmm.042747> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dearomatization of naphtols via alkylation

Larin, Anni; Lopp, Margus GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 51 : ill
<http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Dearomatization of phenols: electrophilic substitution versus addition and ether formation

Lopušanskaja, Eleana Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fntdk.ut.ee/teesid-2019/>

Decentralized distributed data structure for bioanalytical laboratory setups

Ashraf, Kanwal; Le Moullec, Yannick; Pardy, Tamas 8th ACM Celebration of Women in Computing : womENCourage 2021, 22-24 September, 2021, Czech Republic 2021 / 2 p. : ill https://womencourage.acm.org/2021/wp-content/uploads/2021/07/59_extendedabstract.pdf

Decentralized distributed data structure for bioanalytical laboratory setups : [poster]

Ashraf, Kanwal; Le Moullec, Yannick; Pardy, Tamas 2021 / 1 p. : ill https://womencourage.acm.org/2021/wp-content/uploads/2021/07/59_poster.pdf

Deciphering the omics of plant-microbe interaction: perspectives and new insights

Sharma, Minaxi; Sudheer, Surya; **Usmani, Zeba**; Rani, Rupa; Gupta, Pratishtha Current genomics 2020 / p. 343-362
<https://doi.org/10.2174/1389202921999200515140420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A deep learning system accurately classifies primary and metastatic cancers using passenger mutation patterns

Jiao, Wei; Atwal, Gurnit; Polak, Paz; Karlic, Rosa; Cuppen, Edwin; Al-Shahrour, Fatima; Bailey, Peter J.; Biankin, Andrew V.; Boutros, Paul C.; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 728, 12 p. : ill <https://doi.org/10.1038/s41467-019-13825-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Denial as policy in the post-COVID world and ramifications of populism : COVID didn't kill populism

Khalid, Sadia The European Sting 2023 <https://europeansting.com/2023/02/08/denial-as-policy-in-the-post-covid-world-and-ramifications-of-populism-covid-didnt-kill-populism/>

Deoxynucleoside 5-monophosphate N-glycosidase from a phylogenetically distant metazoa, sponge

Aas-Valleriani, Nele; Reintamm, Tõnu; Kelve, Merike Biochimie 2018 / p. 113-118 : ill <https://doi.org/10.1016/j.biochi.2017.12.005>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design and applications of miniaturized, portable LED based colorimeter

Drevinskas, Tomas; Maruška, Audrius; Gladkauskas, Eimantas; Telksnys, Laimutis; Girdauskas, Valdas; **Gorbatsova, Jelena; Kaljurand, Mihkel**; Ragažinskienė, Ona Chemija 2018 / p. 209 - 218 <https://doi.org/10.6001/chemija.v29i4.3836> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design of acetylcholinesterase reactivators and poly(ADP-ribose) polymerase inhibitors based on hydroxamic acids and oximes = Hüdoksaamhapetel ja oksiimidel põhinevate atsetüülkoliinesteraasi reaktivaatorite ja polü(ADP-riboos)polümeraasi inhibiitorite disain

Bondar, Denys 2023 <https://doi.org/10.23658/taltech.73/2023> <https://digikogu.taltech.ee/et/Item/633e5fb1-7de3-4b2d-92a2-119dfa70e7b6>
https://www.ester.ee/record=b5645561*est

Design of Cyber Bio-analytical Physical Systems : formal methods, architectures, and multi-system interaction strategies

Ashraf, Kanwal; Le Moullec, Yannick; Pardy, Tamas; Rang, Toomas Microprocessors and microsystems 2023 / art. 104780, 14 p. : ill <https://doi.org/10.1016/j.micpro.2023.104780>

Design of heterobivalent molecules and their applications in chemical biology and materials science = Heterobivalentsete molekulide disain ning nende rakendused keemilises bioloogias ja materjaliteaduses

Bhadoria, Rohit 2020 <https://digikogu.taltech.ee/et/Item/1b7c1e2b-17e6-472e-a643-1e5cb9ea3929>

Design of new phosphorylated amphiphilic calix[4]arenes

Silenko, Oleg; Nagappa, Nandish M.; Cherenok, Sergey; Kalchenko, Vitaly I.; **Karpichev, Yevgen** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 10 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Design of sustainable ionic liquids based on l-phenylalanine and l-alanine dipeptides : synthesis, toxicity and biodegradation studies

Kapitanov, Illia; Raba, Grete; Špulak, Marcel; Vilu, Raivo; Karpichev, Yevgen; Gathergood, Nicholas Journal of Molecular Liquids 2023 / art. 121285 <https://doi.org/10.1016/j.molliq.2023.121285>

Design rules for environmental biodegradability of phenylalanine alkyl ester linked ionic liquids

Suk, Morten; Haiß, Annette; Westphal, Janin; Jordan, Andrew; Kellett, Andrew; **Kapitanov, Illia; Karpichev, Yevgen; Gathergood, Nicholas**; Kümmerer, Klaus Green chemistry 2020 / p. 4498–4508 <https://doi.org/10.1039/D0GC00918K> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Designed whole-cell-catalysis-assisted synthesis of 9,11-secoosterols

Kõllo, Marek; Kasari, Marje; Kasari, Villu; Pehk, Tõnis; **Järving, Ivar; Lopp, Margus**; Jöers, Arvi; **Kanger, Tõnis** Beilstein journal of organic chemistry 2021 / p. 581–588 <https://doi.org/10.3762/bjoc.17.52> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Designing mineralisable building blocks for greener solvents

Raba, Grete; Kapitanov, Illia; Karpichev, Yevgen; Vilu, Raivo; Gathergood, Nicholas 8th IUPAC International Conference of Green Chemistry : Shangri-La Hotel, Bangkok, Thailand, 9-14 Sept 2018 : poster presentation abstracts 2018 / p. 87 http://www.greeniupac2018.com/download/8th%20IUPAC%20ICGC%202018_Program%20&%20Abstract%20Book_Poster%20Abstract.pdf

Designing N-substituted arylhydroxamic acids as catalytic acetylcholinesterase reactivators

Bondar, Denys; **Veličina, Yevheniia; Karpichev, Yevgen** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 16 <http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Detailed analysis of metabolism reveals growth-rate-promoting interactions between Anaerostipes caccae and Bacteroides spp

Kattel, Anna; Morell, Indrek; **Aro, Valter; Lahtvee, Petri-Jaan; Vilu, Raivo**; Jöers, Arvi; Nahku, Ranno Anaerobe 2023 <https://doi.org/10.1016/j.anaerobe.2022.102680>

Detection of single nucleotide polymorphisms in virus genomes assembled from high-throughput sequencing data: large-scale performance testing of sequence analysis strategies

Rollin, Johan; Bester, Rachelle; Brostaux, Yves; Caglayan, Kadriye; De Jonghe, Kris; Eichmeier, Ales; Foucart, Yoika; Haegeman, Annelies; Koloniuk, Igor; Kominek, Petr; Maree, Hans; Onder, Serkan; Posada Cespedes, Susana; Rouni, Vahid; Šafarova, Dana; Schumpp, Olivier; Ulubas Serce, Cigdem; **Sömera, Merike**; Tamisier, Lucie; Vainio, Eeva; van der Lugt, Rene AA; Massart, Sebastien PeerJ 2023 / art. e15816 <https://doi.org/10.7717/peerj.15816>

Determination of varietal thiols in white wines using LC-MS/MS-SIDA

Helmja, Kati; **Nisamedtinov, Ildar**; Kirsipuu, Tiina 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 23

Development and comparison of HPLC and MEKC methods for the analysis of cyclic sulfur mustard degradation products

Lees, Heidi; Vaher, Merike; Kaljurand, Mihkel Electrophoresis 2017 / p. 1075-1082 : ill <http://dx.doi.org/10.1002/elps.201600418>

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.eester.ee/record=b5530395*est

Development and optimisation of HILIC-LC-MS method for determination of carbohydrates in fermentation samples

Pismennõi, Dmitri; Kiritsenko, Vassili; Marhivka, Jaroslav; Kütt, Mary-Liis; Vilu, Raivo Molecules 2021 / art. 3669 <https://doi.org/10.3390/molecules26123669> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of a dedicated Golden Gate Assembly Platform (RtGGA) for Rhodotorula toruloides

Bonturi, Nemailla; Pinheiro, Marina Julio; Oliveira, Paola Monteiro de; Rusadze, Eka; Eichinger, Tobias; **Liudžiute, Gintare**; **De Biaggi, Giuliano Sabedotti**; Brauer, Age; Remm, Mado; Miranda, Everson Alves; Ledesma-Amaro, Rodrigo; **Lahtvee, Petri-Jaan** Metabolic engineering communications 2022 / art. e00200 <https://doi.org/10.1016/j.mec.2022.e00200> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of analysis methods to detect the use of explosives and chemical warfare agents = Analüüsimetoodikate arendamine keemiarelv- ja lõhkeainete kasutamise tuvastamiseks

Lees, Heidi 2018 <https://digi.lib.ttu.ee/i/?10379>

Development of consortia bioprocesses for efficient production of probiotics

Nahku, Ranno; Aro, Valter; **Kattel, Anna; Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food

for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 42

Development of dearomatization of phenols with alkyl electrophiles

Lopušanskaja, Eleana; Lopp, Margus GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 55 : ill
<http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Development of extraction method for determination of saponins in soybean-based yoghurt alternatives: effect of sample pH

Bljahhina, Anastassia; **Kuhtinskaja, Maria**; Kriščiunaite, Tiina Foods 2023 / art. 2164 <https://doi.org/10.3390/foods12112164>

Development of fermented oat-based drink

Orgusaar, Kaisa; Kriisa, Marie; Kütt, Mary-Liis; Stulova, Irina 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 83 https://aps.emu.ee/aloartiklid/2021_foodbalt.pdf

Development of Functional Composite Cu(II)-Polyoxometalate/PLA with Antimicrobial Properties

Duvanov, Ella; Krasnou, Illia; Krumme, Andres; Mikli, Valdek; Rozantsev, Georgiy M.; Radio, Serhii V.; Karpichev, Yevgen Molecules 2022 / art. 2510 <https://doi.org/10.3390/molecules27082510> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of mechanochemical c–n bond forming reactions

Dalidovich, Tatsiana; Mishra, Kamini Atindrakumar; Shalima, Tatsiana; Kudrjašova, Marina; Kananovich, Dzmitry; Aav, Riina GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 27 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Development of microbiome biobanks – challenges and opportunities

Ryan, M.J.; Schloter, M.; Berg, G.; Kostic, T.; **Sarand, Inga** Trends in microbiology 2021 / p. 89-92
<https://doi.org/10.1016/j.tim.2020.06.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of safe and effective bacteriophage-mediated therapies against C. difficile infections – a proof-of-concept preclinical study

Rasmussen, Torben Sølbeck; Forster, Sarah; Larsen, Sabina Birgitte; Münchow, Alexandra von; Tranæs, Kaare Dyekæ; Brunse, Anders; Castro Meija, Josue Leonardo; **Adamberg, Signe**; Hansen, Axel Kørnerup; **Adamberg, Kaarel** bioRxiv 2023 / 28 p. : ill
<https://doi.org/10.1101/2023.03.17.532897> <https://www.biorxiv.org/content/biorxiv/early/2023/03/17/2023.03.17.532897.full.pdf>

Developments in enzyme and microalgae based biotechniques to remediate micropollutants from aqueous systems - a review

Usmani, Zeba; Sharma, Minaxi; **Lukk, Tiit; Karpichev, Yevgen** Critical reviews in environmental science and technology 2022 / p. 1684-1729 <https://doi.org/10.1080/10643389.2020.1862551> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Diastereoselective [2,3]-sigmatropic rearrangement of N-allyl ammonium ylides

Murre, Aleksandra; Erkman, Kristin; Kaabel, Sandra; Järving, Ivar; Kanger, Tõnis Synthesis 2019 / p. 4183–4197
<https://doi.org/10.1055/s-0039-1690185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dietary intervention study conducted with fiber rich functional and sustainable smoothie made using leftover apple pomace from apple cider industry

Kuldjärv, Rain; Jagomäe, Annika; Kiiker, Liisa; Jõelet, Ann; Pihelgas, Susan 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023
https://conferences.llu.lv/sites/lluc/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Dietary natural products and their potential to influence health and disease including animal model studies

Yeung, Andy Wai Kan; Aggarwal, Bharat Bhushan; Barreca, Davide; Battino, Maurizio; Belwal, Tarun; Horbańczuk, Olaf K.; Berindan-Neagoe, Ioana; Bishayee, Anupam; Daglia, Maria; **Gupta, Vijai Kumar** Animal science papers and reports 2019 / p. 345-358 : ill
<https://www.iris.unict.it/bitstream/20.500.11769/364904/2/Dietary%20natural%20products%20and%20their%20potential%20to%20influence%20health%20and%20disease%20including%20animal%20model%20studies%20.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Differences in the substrate binding between highly identical catalase-related fatty acid hydroperoxide-metabolizing enzymes [Online resource]

Teder, Tarvi; Lõhela, Helike; Samel, Nigulas XVth International Conference of the Lithuanian Biochemical Society : the programme and abstract book : Dubingiai, June 26-29, 2018 2018 / p. 67-68 <https://www.docdroid.net/tVouRrC/abstract-book.pdf>

Differential patterns of cross-reactive antibody response against SARS-CoV-2 spike protein detected for chronically ill and healthy COVID-19 naïve individuals

Jaago, Mariliis; Rähni, Annika; Pupina, Nadezda; **Sadam, Helle**; Tuvikene, Jürgen; Avarlaid, Annela; Planken, Anu; Planken, Margus; Haring, Liina; Vasar, Eero; Bacevic, Miljana; Lambert, France; Kalso, Eija; Pussinen, Pirkko; Tienari, Pentti J.; Vaheri, Antti; Lindholm, Dan; **Timmusk, Tõnis**; Ghaemmaghami, Amir M.; Palm, Kaia Scientific reports 2022 / art. 16817 : ill

Differential phosphorylation determines the repressor and activator potencies of GLI1 proteins and their efficiency in modulating the HPV life cycle

Piirsoo, Alla; **Pink, Anne; Kasak, Lagle**; Kala, Martin; Kasvandik, Sergo; Ustav, Mart; Piirsoo, Marko PLoS ONE 2019 / art. e0225775, 21 p. : ill <https://doi.org/10.1371/journal.pone.0225775> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Differential regulation of the BDNF gene in cortical and hippocampal neurons

Esvald, Eli-Eelika; Tuvikene, Jürgen; Moistus, Andra; Rannaste, Käthy; Kõomägi, Susann; Timmusk, Tõnis Journal of neuroscience 2022 / p. 9110-9128 <https://doi.org/10.1523/JNEUROSCI.2535-21.2022> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Differential susceptibility of catheter biomaterials to biofilm-associated infections and their remedy by drug-encapsulated eudragit RL100 nanoparticles

Pandey, Vivek Kumar; Srivastava, Kumar Rohit; Ajmal, Gufran; Thakur, Vijay Kumar; **Gupta, Vijai Kumar**; Upadhyay, Siddh Nath; Mishra, Pradeep Kumar International Journal of Molecular Sciences 2019 / Art. nr. 5110 <https://doi.org/10.3390/ijms20205110> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Digital twin for controlled generation of water-in-oil microdroplets with required size

Gyimah, Nafisat; Scheler, Ott; Rang, Toomas; Pardy, Tamas 2022 23rd International Conference on Thermal, Mechanical and Multi-Physics Simulation and Experiments in Microelectronics and Microsystems (EuroSimE), 25-27 April 2022, St Julian, Malta : proceedings 2022 / p. 85-91 <https://doi.org/10.1109/EuroSimE54907.2022.9758876>

Dikarboksüülhapete stabiilsus oksüdatsioonil õhuhapnikuga vesikeskkonnas

Kaldas, Kristiina; Preegel, Gert; Muldma, Kati; Lopp, Margus XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 16 : ill

Direct asymmetric three-component Mannich reaction catalyzed by chiral counteranion-assisted silver

Yin, Zhongyou; Guo, Jianxin; Zhang, Rui; **Borovkov, Victor** The journal of organic chemistry 2020 / p. 10369–10377 : ill <https://doi.org/10.1021/acs.joc.0c00031>

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

Noormägi, Andra; Golubeva, Tatjana; Berntsson, Elina; Warmländer, Sebastian K.T.S.; Tõugu, Vello; Palumaa, Peep ACS omega 2023 / p. 33912–33919 <https://doi.org/10.1021/acsomega.3c04649>

Direct droplet digital PCR (dddPCR) for species specific, accurate and precise quantification of bacteria in mixed samples

Pacocha, Natalia; **Scheler, Ott**; Nowak, Mikolaj Marcin Analytical methods 2019 / p. 5655–5738 : ill <https://doi.org/10.1039/c9ay01874c> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Directional Approach to Enantiomerically Enriched Functionalized [7]Oxa-helicenoids and Groove-Based Selective Cyanide Sensing

Khose, Vaibhav N.; Hasan, Mohammed; Khot, Sushil C.; Mobin, Shaikh M.; **Borovkov, Victor**; Karnik, Anil V. Journal of organic chemistry 2019 / p. 1847–1860 : ill <https://doi.org/10.1021/acs.joc.9b02100>

Disruption of chromatin folding domains by somatic genomic rearrangements in human cancer

Akdemir, Kadir Caner; Le, Victoria T.; Chandran, Sahaana; Li, Yilong; Verhaak, Roel G.W.; Beroukhim, Rameen; Campbell, Peter J.; Chin, Lynda; Dixon, Jesse R.; Futreal, Phillip Andrew; **Uusküla-Reimand, Liis** Nature Genetics 2020 / p. 294 - 305 <https://doi.org/10.1038/s41588-019-0564-y> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dissecting stimulus-dependent transcription of brain-derived neurotrophic factor = Aju-päritolu neurotroofse teguri stiimulsõltuva transkriptsiooni uuringud

Esvald, Eli-Eelika 2023 <https://doi.org/10.23658/taltech.32/2023> <https://digikogu.taltech.ee/et/Item/6222c009-c82d-4efb-98c2-51bf2f148b52> https://www.ester.ee/record=b5567508*est

Dissolved organic matter, nutrients, and bacteria in Antarctic soil core from Schirmacher Oasis

Lepane, Viia; Künnis-Beres, Kai; Kaup, Enn; Sharma, Bhupesh Journal of soils and sediments 2018 / p. 2715-2726 : ill <https://doi.org/10.1007/s11368-018-1913-7> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Distinct characteristics of the substrate binding between highly homologous catalase-related allene oxide synthase and hydroperoxide lyase

Teder, Tarvi; Samel, Nigulas; Lõhelaid, Helike Archives of biochemistry and biophysics 2019 / art. 108126, 10 p. : ill <https://doi.org/10.1016/j.abb.2019.108126> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Divergence between bread wheat and Triticum militinae in the powdery mildew resistance QPm.tu14A locus and its implications for cloning of the resistance gene

Janáková, Eva; **Jakobson, Irena; Peúša, Hilma; Järve, Kadri** Theoretical and applied genetics 2019 / p. 1061–1072 : ill <https://doi.org/10.1007/s00122-018-3259-3> [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

Divergent mutational processes distinguish hypoxic and normoxic tumours

Bhandari, Vinayak; Li, Constance H.; Bristow, Robert G.; Boutros, Paul C.; Aaltonen, Lauri A.; Abascal, Federico; Abeshouse, Adam; Aburatani, Hiroyuki; Adams, David J.; Uusküla-Reimand, Liis Nature Communications 2020 / art. 737, 10 p. : ill <https://doi.org/10.1038/s41467-019-14052-x> [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

DNA valmistamise mehhanismi uurimine kannustab vähiravi leidmist

Alvela, Ain novaator.err.ee 2023 [DNA valmistamise mehhanismi uurimine kannustab vähiravi leidmist Tallinna Tehnikaülikooli teadlased otsivad võimalusi, kuidas aeglustada vähirakkude jagunemist](#)

Does surface morphology of plant-based protein powders influence sensory perception?

Jakobson, Kadi; Kaleda, Aleksei; Kriščiunaite, Tiina 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 70 https://conferences.ltu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Doktorant loodab vase reguleerimisega Alzheimerit ennetada

Filippov, Madis med24.ee 2023 [Doktorant loodab vase reguleerimisega Alzheimerit ennetada](#)

Doktoritöö: mikroRNA mängib viljakuse tagamisel arvatust tähtsamat rolli [Võrguväljaanne]

Velthut-Meikas, Agne novaator.err.ee 2021 [Doktoritöö: mikroRNA mängib viljakuse tagamisel arvatust tähtsamat rolli](#)

Doktoriõpe Eestis vajab praktilisemat väljundit

Kubo, Anna-Liisa Mente et Manu 2017 / lk. 42-43 : fot https://www.ttu.ee/public/m/mente-et-manu/MM_05_2017/mobile/index.html https://artiklid.elnet.ee/record=b2827018*est

Domestic violence and the role of healthcare system

Khalid, Sadia The European Sting 2023 [Domestic violence and the role of healthcare system](#)

Dopamine crosslreacts with adrenoreceptors in cortical astrocytes to induce BDNF expression, CREB signaling and morphological transformation

Koppel, Indrek; Jaanson, Kaur; Klasche, Airi; Tuvikene, Jürgen; Tiirik, Tõnis; Pärn, Angela; **Timmusk, Tõnis** GLIA 2018 / p. 206-216 : ill <https://doi.org/10.1002/glia.23238> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Drastic effects on the microbiome of a young rower engaged in high-endurance exercise after a month usage of a dietary fiber supplement

Jaago, Mariliis; Timmusk, Uku Siim; **Timmusk, Tõnis; Palm, Kaia** Frontiers in Nutrition 2021 / art. #654008, 11 p. : ill <https://doi.org/10.3389/fnut.2021.654008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Droplet image analysis with user-friendly freeware CellProfiler

Bartkova, Simona; Vendelin, Marko; Sanka, Immanuel; Pata, Pille; Scheler, Ott Analytical methods 2020 / p. 2287-2294 : ill <https://doi.org/10.1039/D0AY00031K> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Droplet-based digital antibiotic susceptibility screen reveals singlecell clonal heteroresistance in an isogenic bacterial population

Scheler, Ott; Makuch, Karol; Debski, Pawel R.; **Smolander, Olli-Pekka** Scientific reports 2020 / art. 3282, 8 p. : ill <https://doi.org/10.1038/s41598-020-60381-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Droplet-based methods for tackling antimicrobial resistance

Ruszczak, Artur; **Bartkova, Simona;** Zapotoczna, Marta; **Scheler, Ott;** Garstecki, Piotr Current opinion in biotechnology 2022 / art. 102755 <https://doi.org/10.1016/j.copbio.2022.102755> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Droplet-based technology for studying the phenotypic effect of microplastics on antimicrobial resistance

Bartkova, Simona; Sulp, Fenella Lucia; Sanka, Immanuel; Pata, Pille; Scheler, Ott Proceedings 2023 / art. 41
<https://doi.org/10.3390/proceedings2023092041>

Drug coating design of nanodiamonds for targeted delivery

ISN2A 2022 : 5th International Caparica Symposium on Nanoparticles, Nanomaterials and Applications : book of abstracts 2022 / p. 183

Drug Hunter on uudne ja kiire tehniline lahendus kiireks narkojoobe tuvastamiseks

Kuzmina, Monika goodnews.ee 2023 [Drug Hunter on uudne ja kiire tehniline lahendus kiireks narkojoobe tuvastamiseks](#) [Эстонские ученые разработали для полиции сверхточный тест на наркотики](#)

A dual colour FISH method for routine validation of sexed Bos taurus semen

Reinsalu, Olavi; **Scheler, Ott**; Mikelsaar, Ruth; Mikelsaar, Aavo-Valdur; Hallap, Triin; Jaakma, Ülle; Padrik, Peeter; Kavak, Ants; Salumets, Andres; Kurg, Ants BMC Veterinary Research 2019 / art. 104 <https://doi.org/10.1186/s12917-019-1839-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dual ELISA using SARS-CoV-2 N protein produced in E. coli and CHO cells reveals epitope masking by N-glycosylation

Rump, Airi; Risti, Robert; Kristal, Mai-Ly; Reut, Jekaterina; Sõritski, Vitali; Lõokene, Aivar; Rüütel Boudinot, Sirje Biochemical and biophysical research communications 2021 / p. 457–460 <https://doi.org/10.1016/j.bbrc.2020.11.060> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dual engagement of the nucleosomal acidic patches is essential for deposition of histone H2A.Z by SWR1C

Baier, Alexander S.; Gioacchini, Nathan; **Eek, Priit**; Leith, Erik M.; Tan, Song; Peterson, Craig L. BioRxiv 2024 / 56 p
<https://doi.org/10.1101/2021.12.08.471801>

Dye-decolorizing peroxidases from Streptomyces coelicolor show organosolv lignin remodeling activity

Pupart, Hegne; Ojangu, Eve-Ly; Zovo, Kairit; Lukk, Tiit FEBS Open Bio 2021 / p. 63
<https://febs.onlinelibrary.wiley.com/doi/epdf/10.1002/2211-5463.13206> <https://doi.org/10.1002/2211-5463.13206>

Dynamic chiral cyclohexanohemicucurbit[12]uril

Mishra, Kamini Atindrakumar; Adamson, Jasper; Öeren, Mario; Kaabel, Sandra; Fomitšenko, Maria; Aav, Riina Chemical communications 2020 / p. 14645–14648 <https://doi.org/10.1039/D0CC06817A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The dynamic interplay between economic crisis and health: Insights from the COVID-19 pandemic and the 2008 financial crisis

Khalid, Sadia The European Sting 2024 [The dynamic interplay between economic crisis and health: Insights from the COVID-19 pandemic and the 2008 financial crisis](#)

Ecological aspect of antibiotic batumin synthesis by pseudomonas batumici

Klochko, V. V.; Lipova, Inna; Chuiko, N. V.; Avdeeva, L. V. Mikrobiolohichni Zhurnal 2021 / p. 14-23
<https://doi.org/10.15407/microbiolj83.03.014>

Ecotoxicity profiling of a library of 24 L-phenylalanine derived surface-active ionic liquids (SAILs)

Kusumahastuti, Dewi Kurnianingsih Arum; Sihtmäe, Mariliis; Arooja, Villem; Gathergood, Nicholas; Kahru, Anne Sustainable chemistry and pharmacy 2021 / art. 100369, 10 p <https://doi.org/10.1016/j.scp.2020.100369> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

(Eco)toxicological and Antibacterial Effects of 24 L-Phenylalanine Derived Ionic Liquids against Marine and Clinically Relevant Bacteria

Kusumahastuti, Dewi Kurnianingsih Arum; Sihtmäe, Mariliis; Kapitanov, Illia; Karpichev, Yevgen; Kahru, Anne; Gathergood, Nicholas IUPAC Postgraduate Summer School on Green Chemistry : 7-13 July 2018, Venice - Italy : book of abstracts 2018 / p. 74
https://www.unive.it/pag/fileadmin/user_upload/extra/SSGC/documenti/Book_of_abstracts_per_website_23_July.pdf

Ecotoxicological impacts of industrially relevant engineered nanomaterials : effects on Tetrahymena thermophila = Tööstuslike nanomaterjalide keskkonnatoxilisuse hindamine : nanoosakeste mõju algloomale Tetrahymena thermophila

Juganson, Katre 2018 <https://digi.lib.ttu.ee/search/>

Ecotoxicological profiling and antibacterial potency of a series of 24 L-phenylalanine based SAILs = 24 L-fenüülalaniini-põhise ioonvedeliku ökotoksikoloogiline ja antibakteriaalne iseloomustamine

Kusumahastuti, Dewi Kurnianingsih Arum 2021 <https://doi.org/10.23658/tallinn.30/2021> https://www.ester.ee/record=b5436547*est
<https://digikogu.taltech.ee/et/Item/bae0391e-b57c-476d-acda-6cd147ee55d0>

Editorial : regulatory networks in genome stability pathways

Ashton, Nicholas W.; Prakash, Aishwarya; Moiseeva, Tatiana Frontiers in Genetics 2023 <https://doi.org/10.3389/fgene.2023.1171136>

Editorial : Stimuli-responsive emissive organic and metal-organic compounds

Chen, Zhao; Deng, Dian-Dian; **Aav, Riina; Borovkov, Victor**; Sun, Yue *Frontiers in chemistry* 2022 / art. 946617

<https://doi.org/10.3389/fchem.2022.946617> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Editorial overview : a closer look on green developments in analytical chemistry: green analytical chemistry is going mainstream

Koel, Mihkel; Kaljurand, Mihkel *Current Opinion in Green and Sustainable Chemistry* 2021 / Art. 100541

<https://doi.org/10.1016/j.cogsc.2021.100541> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eesti biokeemik hoiatab: koroonaviirus püsib nakkusohhtlikuna õhus mitu tundi, pindadel isegi mitu päeva!

Palumaa, Peep *Õhtuleht* 2020 / Lk. 6 <https://tervis.ohhtuleht.ee/995397/eesti-biokeemik-hoiatab-koroonaviirus-pusib-nakkusohhtlikuna-ohus-mitu-tundi-pindadel-isegi-mitu-paeva> https://www.ester.ee/record=b1408161*est

Eesti biokeemik hoiatab: koroonaviirus võib olla inimest nakatavate viiruste seas absoluutne maailmameister! [Võrguteavik]

Palumaa, Peep *Õhtuleht* 2020 [Eesti biokeemik hoiatab: koroonaviirus võib olla inimest nakatavate viiruste seas absoluutne maailmameister!](#)

Eesti biokeemik hoiatab: ohtlik koroonaviirus suudab nõrga tervisega inimesele tekitada korvamatut kahju

Palumaa, Peep *Õhtuleht.ee* 2020 <https://tervis.ohhtuleht.ee/996404/eesti-biokeemik-hoiatab-ohtlik-koroonaviirus-suudab-norga-tervisega-inimesele-tekitada-korvamatut-kahju>

Eesti biokeemik: iga samm võib olla saatuslik, pandeemia edukas läbimine sõltub tervisekäitumisest

Palumaa, Peep *tervis.ohhtuleht.ee* 2020 / fot <https://tervis.ohhtuleht.ee/997553/eesti-biokeemik-iga-samm-voib-olla-saatuslik-pandeemia-edukas-labimine-soltub-tervisekaitumisest>

Eesti biokeemik: peame end kaitsma surmava viirusedoosi eest kõigi võimalike vahenditega!

Palumaa, Peep *Õhtuleht* 2020 / Lk. 4-5 : portr https://www.ester.ee/record=b1408161*est

Eesti iduettevõtte kaasas alternatiivsete õlide ja rasvade loomiseks miljon eurot

toostusuudised.ee 2023 [Eesti iduettevõtte kaasas alternatiivsete õlide ja rasvade loomiseks miljon eurot](#) [Eesti idu sai alternatiivsete õlide ja rasvade loomiseks miljon eurot](#)

Eesti inimesed tarvitavad kiudaineid soovitatust sageli vähem [Võrguväljaanne]

Adamberg, Kaarel *novaator.err.ee* 2020 / fot [Eesti inimesed tarvitavad kiudaineid soovitatust sageli vähem](#)

Eesti katlamajades puidu põletamisel tekkiva tuha keemilisest koostisest

Raave, Henn; Ots, Katri; Põtk, Peep *Agronoomia* 2018 / lk. 186–193 https://www.ester.ee/record=b2226971*est

Eesti Keemiaselts 100

Lopp, Margus XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 1

https://www.ester.ee/record=b5208044*est

Eesti koroonakuulsused, kelle kriis kõrgustesse kergitas

Voog, Viljar *Õhtuleht* 2020 / Lk. 2-3 : ill https://www.ester.ee/record=b1408161*est

Eesti käitub rahvusliku rikkuse põlevkiviga nagu laps, kes esmalt sööb tordilt ära kaunistused

Reimer, Andres; Lopp, Margus *Eesti Päevaleht, LP* 2019 / lk. 20-22

Eesti neuroteadlased avastasid uue ajus olulise DNA elemendi

tervise.geenius.ee 2023 [Eesti neuroteadlased avastasid uue ajus olulise DNA elemendi](#) <https://doi.org/10.1002/glia.24463>

Eesti noorteadlase laboris võib sündida rinnapiimarevolutsioon

Jõesaar, Tuuli *epl.delfi.ee* 2023 [Eesti noorteadlase laboris võib sündida rinnapiimarevolutsioon](#)

Eesti oma supertoidud : elurõõmu ja tervise allikad

Vokk, Raivo; Virkus, Lia; Enden, Pille 2017 http://www.ester.ee/record=b4658998*est

Eesti sai uued teaduse tippkeskused: kuidas, kellele ja milleks?

Tamm, Marek *Sirp* 2024

Eesti suir käis terviseuuringutel

Vaher, Merike *Mesinik : mesindusajakiri* 2023 / lk. 27-29 : fot https://www.ester.ee/record=b1072594*est

Eesti tarbija suur vastuolu: magusat tahab, aga suhkrut kardab

Mägi, Kristjan *Ats; Pitsi, Tagli* *Eesti Päevaleht* 2019 / lk. 18-19

Eesti teadlane on kotijooksu maailmameister

Lukk, Tiit Eesti Päevaleht 2023 / Lk. 3 <https://dea.digar.ee/article/eestipaevaleht/2023/04/05/3.5>

Eesti teadlane seletab – mida teadus üldse uuest koroonaviirusest teab?

Sõmera, Merike Postimees : [Tartu versioon] 2020 / 3 lk [Eesti teadlane seletab – mida teadus üldse uuest koroonaviirusest teab?](#)

Eesti teadlane soovitab: milline on maitsev alternatiiv lihale?

postimees.ee 2022 [Eesti teadlane soovitab: milline on maitsev alternatiiv lihale?](#)

Eesti teadlane: pikem plaan on väärindada CO2 toiduks

geenius.ee 2023 [Eesti teadlane: pikem plaan on väärindada CO2 toiduks](#)

Eesti teadlased : inimene saab oma soolebaktereid otseselt mõjutada [Võrguväljaanne]

Adamberg, Kaarel; Adamberg, Signe heureka.postimees.ee 2019 / fot [Eesti teadlased: inimene saab oma soolebaktereid otseselt mõjutada](#) <https://doi.org/10.1080/16512235.2018.1549922>

Eesti teadlased jõudsid päevalilleseemnetest taimset jooki arendades “uue Nutellani”, millest loodetakse müügihitti

geenius.ee 2023 [Eesti teadlased jõudsid päevalilleseemnetest taimset jooki arendades “uue Nutellani”, millest loodetakse müügihitti](#)

Eesti teadlased loodavad "uuest Nutellast" müügihitti

Mente et Manu 2023 / lk. 10 : fot https://www.ester.ee/record=b1242496*est

Eesti teadlased otsivad ravi levinud haigusele, mis ajab silmad villi [Võrguväljaanne]

Timmusk, Tõnis novaator.err.ee 2021 / fot [Eesti teadlased otsivad ravi levinud haigusele, mis ajab silmad villi](#)

Eesti teadlased püüavad puukborrelioosi seljatada kohalike ravimtaimedega

Laanet, Pille-Riin; Vaher, Merike goodnews.ee 2023 [Eesti teadlased püüavad puukborrelioosi seljatada kohalike ravimtaimedega](#)

Eesti teadlased püüavad seljatada puukborrelioosi kohalike ravimtaimedega

Vaher, Merike; Laanet, Pille-Riin novaator.err.ee 2023 [Eesti teadlased püüavad seljatada puukborrelioosi kohalike ravimtaimedega](#) [PUUGIHAIGUSI ON AINA ROHKEM! Kas borrelioosi vastu saaks kasutada ka Eestis kasvavaid ravimtaimi?](#)

Eesti teadlaste loodud meetod teeb ravimitootmise keskkonnasõbralikumaks [Võrguväljaanne]

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

Eesti Teadusagentuuri roll teadusriikka Eesti kujundamisel [Võrguväljaanne]

Starkov, Pavel err.ee 2020 / fot [Eesti Teadusagentuuri roll teadusriikka Eesti kujundamisel](#)

Eesti teraviljadel esinevad viirushaigused

Sooväli, Pille; Sõmera, Merike Agronoomia 2020 = Agronomy 2020 2020 / lk. 202-210 : tab <http://hdl.handle.net/10492/5600>

Eesti toitumis- ja liikumissoovitused 2015 [Võrguteavik]

Pitsi, Tagli; Zilmer, Mihkel; Vaask, Sirje; Liebert, Tiit 2017 http://www.ester.ee/record=b4654355*est

Eestlane, kas sa hapendatud toitu sööd?

jarvateataja.postimees.ee 2023 [Eestlane, kas sa hapendatud toitu sööd?](#)

Eestlased raputasid maakoores levinud metalle

Aav, Riina; Kananovich, Dzmitry novaator.err.ee 2024 [Eestlased raputasid maakoores levinud metalle](#)

Eestlaste karastusjoogil Raw Edge on potentsiaali saada üleilmseks hitiks : Rohetund 43

Soopan, Ivar [Eestlaste karastusjoogil Raw Edge on potentsiaali saada üleilmseks hitiks : Rohetund 43](#) 2024

Eestlaste loodud uus bakter töö kõrge tunnustuse : [prof. Raivo Vilu`le]

Raamets, Heli; Vilu, Raivo Maaleht 2017 / lk. 9 <https://maaleht.delfi.ee/artikkel/79438988/eestlaste-loodud-uus-bakter-toi-korge-tunnustuse>

Eestlaste menüüs napib kiudaineid

Imeline Teadus 2020 / lk. 20 : fot https://www.ester.ee/record=b2747925*est

Eestlastel on liiga madal seleenitase

Viitak, Anu Äripäev 2018 / Terviseuudised, lk. 3

Effect of acid treatment of raw and sprouted grains on microbiological parameters and quality of the products : poster

Traksmäa, Anna; Šestopalova, Ksenia; Kütt, Mary-Liis; Vilu, Raivo Cereals & Europe : Spring Meeting 2022 / p. 60

<https://cespringmeeting2020.eu/abstract-book/> https://cespringmeeting2020.eu/wp-content/uploads/2022/05/CE2022_AbstractBook-SOU-Preview.pdf

The effect of apple juice concentration on cider fermentation and properties of the final product

Rosend, Julia; Kaleda, Aleksei; Kuldjäär, Rain; Arju, Georg; Nisamedtinov, Ildar Foods 2020 / art. 1401, 12 p

<https://doi.org/10.3390/foods9101401> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of long-term application of organic fertilizers on improving organic matter quality in acid soil

Mockeviciene, Ieva; Repsiene, Regina; Amaleviciute-Volunge, Kristina; Karcauskiene, Danute; Slepeliene, Alvyra; **Lepane, Viia**

Archives of agronomy and soil science 2021 / p. 1192 - 1204 <https://doi.org/10.1080/03650340.2021.1875130> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of quality properties of added gluten on the texture and sensory properties of rye and buckwheat breads

Traksmaa, Anna; Kaleda, Aleksei; Nurme, Britta; Laos, Katrin Agronomy research 2023 / 13 p. : ill <https://doi.org/10.15159/ar.23.082>

The effect of rice husk biochar on soil nutrient status, microbial biomass and paddy productivity of nutrient poor agriculture soils

Singh, Chhatarpal; Tiwari, Shashank; **Gupta, Vijai Kumar;** Singh, Jay Shankar Catena 2018 / p. 485 - 493

<https://doi.org/10.1016/j.catena.2018.07.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of thermal treatment on the rheological properties of carrageenan gels

Laos, Katrin; Eha, Kairit 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 52

https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Effect of β -casein reduction and high heat treatment of micellar casein concentrate on proteolysis, texture and the volatile profile of resultant Emmental cheese during ripening

Xia, Xiaofeng; **Arju, Georg;** Taivosalo, Anastassia; Lints, Taivo; Kriščiunaite, Tiina; **Vilu, Raivo;** Corrigan, Bernard M.; Gai, Nan; Fenelon, Mark A.; Tobin, John T.; Kilcawley, Kieran; Kelly, Alan L.; McSweeney, Paul L. H.; Sheehan, Jeremiah J. International dairy journal 2023 / art. 105540, 13 p. : ill <https://doi.org/10.1016/j.idairyj.2022.105540>

Effects of Zn²⁺ ions and environmental conditions on the fibrillization of insulin = Zn²⁺ ioonide ja keskkonnatingimuste mõju insuliini fibrillisatsioonile

Noormägi, Andra 2018 <https://digi.lib.ttu.ee/i/?10378>

Efficiency of stereoselective [2,3]-sigmatropic rearrangement reactions = Stereoselektiivsete [2,3]-sigmatroopsete ümberasetusreaktsioonide efektiivsus

Murre, Aleksandra 2023 <https://doi.org/10.23658/taltech.66/2023> <https://digikogu.taltech.ee/et/Item/b5e0d31c-c48f-47ba-a629-b176661ae385> https://www.ester.ee/record=b5645593*est

Efficient DNA condensation by a C3-symmetric codeine scaffold

McStay, Natasha; Reilly, Anthony M.; **Gathergood, Nicholas;** Kellett, Andrew ChemPlusChem 2019 / p. 38–42 : ill

<https://doi.org/10.1002/cplu.201800480> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Efficient synthesis of novel quinolinone derivatives via catalyst-free multicomponent reaction

Du, Rui; Han, Liangliang; Zhou, Zhongqiang; **Borovkov, Victor** Letters in organic chemistry 2020 / p. 403–407

<http://doi.org/10.2174/1570178616666190828092728>

Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat [Võrguteavik]

Kalberg, Heiki; Karus, Maria; **Rammul, Üllar; Reinsalu, Enno** 2017 http://www.ester.ee/record=b4764891*est

<https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/i/?9461>

Ehitusmaavarakarjäärde bioloogiline korrastamine [Võrguteavik]

Rammul, Üllar; Keerberg, Liis; Timm, Uudo; Reimann, Margus; Niidas, Aadu Ehitusmaavarade uuringu- ja kaevandamisalade

korrastamise käsiraamat 2017 / lk. 152-208 : fot http://www.ester.ee/record=b4764891*est <https://www.digar.ee/arhiiv/nlib-digar:332505>
<https://digi.lib.ttu.ee/i/?9461>

Eicosanoid diversity of stony corals

Löhelaid, Helike; Samel, Nigulas Marine drugs 2018 / p. 1-14 : ill <https://doi.org/10.3390/md16010010> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An 840 kb distant upstream enhancer is a crucial regulator of catecholamine-dependent expression of the BDNF gene in astrocytes

Avarlaid, Annela; Esvald, Eli-Eelika; Koppel, Indrek; Parkman, Annabel; Zhuravskaya, Anna; Makeyev, Eugene V.; **Tuvikene,**

Jürgen; Timmusk, Tõnis Glia 2023 <https://doi.org/10.1002/glia.24463>

Electrocatalysis of oxygen reduction by iron-containing nitrogen-doped carbon aerogels in alkaline solution

Sarapuu, Ave; **Kreek, Kristiina**; Kisand, Kaarel; Kook, Mati; **Uibu, Mai**; **Koel, Mihkel**; Tammeveski, Kaido Electrochimica acta 2017 / p. 81-88 : ill <https://doi.org/10.1016/j.electacta.2017.01.157>

Electrochemical aziridination of internal alkenes with primary amines

Ošeka, Maksim; Laudadio, Gabriele; van Leest, Nicolaas P.; Dyga, Marco; Bartolomeu, Aloisio de A.; Gooßen, Lukas J.; de Bruin, Bas; de Oliveira, Kleber T.; Noël, Timothy Chem 2021 / p. 255 - 266 <https://doi.org/10.1016/j.chempr.2020.12.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electrochemical hydroxylation of electron-rich arenes in continuous flow

Kooli, Anni; Wesenberg, Lars; Beslać, Marko; **Krech, Anastasiya**; **Lopp, Margus**; Noël, Timothy; **Ošeka, Maksim** European journal of organic chemistry 2022 / art. e202200540 <https://doi.org/10.1002/ejoc.202200011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ELIMÄKI Locus is required for vertical proprioceptive response in birch trees

Alonso-Serra, Juan; Shi, Xueping; Peaucelle, Alexis; **Smolander, Olli-Pekka** Current biology : CB 2020 / p. 589-599 <https://doi.org/10.1016/j.cub.2019.12.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Emissions from livestock and manure management

Gavrilova, Olga 2019 Refinement to the 2006 IPCC guidelines for national greenhouse gas inventories ; vol. 4 2019 / 209 p. : ill https://www.ipcc-nggip.iges.or.jp/public/2019rf/pdf/4_Volume4/19R_V4_Ch10_Livestock.pdf

Empowering women in healthcare : dismantling systemic biases and advancing leadership

Khalid, Sadia The European Sting 2024 <https://europeansting.com/2024/05/01/empowering-women-in-healthcare-dismantling-systemic-biases-and-advancing-leadership/>

Empowering women's leadership in global health : a blueprint for equity and excellence

Khalid, Sadia The European Sting 2024 <https://europeansting.com/2024/04/23/empowering-womens-leadership-in-global-health-a-blueprint-for-equity-and-excellence/>

Empowering women's leadership in global health : addressing barriers and driving impact

Khalid, Sadia The European Sting 2024 <https://europeansting.com/2024/04/30/empowering-womens-leadership-in-global-health-addressing-barriers-and-driving-impact/>

Empowering youth for global change : a call to action in conflict resolution and peacebuilding

Khalid, Sadia The European Sting 2024 [Empowering youth for global change : a call to action in conflict resolution and peacebuilding](#)

Enamik heeringatest sisaldab kurikuulsat maitsetugevdajat

maaleht.delfi.ee 2023 [Enamik heeringatest sisaldab kurikuulsat maitsetugevdajat](#)

Enantio-differentiating hydrogenation of alkyl 3-oxobutanoates over tartaric acid-modified Ni catalyst: Enthalpy-entropy compensation effect as a tool for elucidating mechanistic features

Osawa, Tsutomu; Wakasugi, Masahiro; Kizawa, Tomoko; **Borovkov, Victor**; Inoue, Yoshihisa Molecular catalysis 2018 / p. 131-136 : ill <https://doi.org/10.1016/j.mcat.2018.02.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enantioselective Catalytic Synthesis of N-alkylated Indoles

Trubitsin, Dmitri; **Kanger, Tõnis** Symmetry 2020 / art. 1184 ; 30 p.: ill <https://doi.org/10.3390/sym12071184> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enantioselective catalytic synthesis of N-alkylated indoles

Trubitsin, Dmitri; **Kanger, Tõnis** Chiral Auxiliaries and Chirogenesis II 2021 / p. 1-30 <https://doi.org/10.3390/sym12071184> <https://doi.org/10.3390/books978-3-0365-1155-9>

Enantioselective construction of acyclic quaternary carbon stereocenters : palladium-catalyzed decarboxylative allylic alkylation of fully substituted amide enolates

Starkov, Pavel; Moore, Jared T.; Duquette, Douglas C.; Stoltz, Brian M.; Marek, Ilan Journal of the American Chemical Society 2017 / p. 9615-9620 : ill <http://dx.doi.org/10.1021/jacs.7b04086>

Enantioselective H-bond catalyzed spirocyclopropanation and Wittig [2,3]-rearrangement = Enantioselektiivne H-sideme katalüüsitud spirotsüklopropaneerimine ja Wittigi [2,3]-ümberasetusreaktsioon

Ošeka, Maksim 2017 http://www.ester.ee/record=b4752914*est <https://digi.lib.ttu.ee/i/?9226>

Enantioselective Michael addition to vinyl phosphonates via hydrogen bond-enhanced halogen bond catalysis

Kaasik, Mikk; **Martõnova, Jevgenia**; **Erkman, Kristin**; **Metsala, Andrus**; **Järving, Ivar**; **Kanger, Tõnis** Chemical science 2021 / p. 7561-7568 <https://doi.org/10.1039/D1SC01029H> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enantioselective N-alkylation of 3-cyanoindole [Online resource]

Trubitsõn, Dmitri; Kanger, Tõnis 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://fmdtk.ut.ee/teesid-2018/>

Enantioselective N-alkylation of indole derivatives [Online resource]

Trubitsõn, Dmitri; Kanger, Tõnis Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fmdtk.ut.ee/teesid-2019/>

Enantioselective N-Alkylation of Nitroindoles under Phase-Transfer Catalysis

Trubitsõn, Dmitri; Martõnova, Jevgenia; Erkman, Kristin; Metsala, Andrus; Saame, Jaan; Köster, Kristjan; **Järving, Ivar;** Leito, Ivo; **Kanger, Tõnis** Synthesis 2020 / p. 1047-1059 <https://doi.org/10.1055/s-0039-1690751> [Journal metrics at Scopus](#) [Article at WOS](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enantioselective N-functionalization of indole derivatives

Trubitsõn, Dmitri; Kanger, Tõnis GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 84 : ill <http://fmdtk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Enantioselective one-pot synthesis of α,β -epoxy ketones via aerobic oxidation of cyclopropanols

Elek, Gabor Zoltan; Borovkov, Victor; Lopp, Margus; Kananovich, Dzmitry Organic letters 2017 / p. 3544-3547 : ill <http://dx.doi.org/10.1021/acs.orglett.7b01519>

Enantioselective organocatalytic Michael addition to unsaturated indolyl ketones

Trubitsõn, Dmitri; Martõnova, Jevgenia; Kudrjašova, Marina; Erkman, Kristin; Järving, Ivar; Kanger, Tõnis Organic letters 2021 / p. 1820-1824 <https://doi.org/10.1021/acs.orglett.1c00222> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enantioselective organocatalytic synthesis of n-alkylated indoles

Trubitsõn, Dmitri; Kanger, Tõnis GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 34 https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Enantioselective synthesis of epoxyketones via aerobic oxidation of cyclopropanols

Elek, Gabor Zoltan; Borovkov, Victor; Lopp, Margus; Kananovich, Dzmitry Open Readings 2017 : 60th International Conference for Students of Physics and Natural Sciences, March 14-17, 2017, Vilnius, Lithuania : programme and abstracts 2017 / p. 140 : ill http://www.openreadings.eu/wp-content/uploads/2017/03/OR2017_abstracts_book.pdf

An endogenous suppressor of RNA silencing in Arabidopsis thaliana

Gerassimenko, Jelena; Nigul, Lenne; Truve, Erkki; Sarmiento Guerin, Maria Cecilia What future for RNAi-based products : RNAi modified plants or spray products : 3rd iPLANTA Conference : book of abstracts : posters 2019 / p. 15 [iPlanta...](#)

Endolichenic fungus, *Aspergillus quandricinctus* of *Usnea longissima* inhibits quorum sensing and biofilm formation of *Pseudomonas aeruginosa* PAO1

Prateeksha; Bajpai, Rajesh; Yusuf, Mohd Aslam; Upreti, Dalip Kumar; Gupta, Vijai Kumar; Singh, Brahma Nand Microbial pathogenesis 2020 / art. 103933, 9 p. : ill <https://doi.org/10.1016/j.micpath.2019.103933> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Endometrial receptivity revisited : endometrial transcriptome adjusted for tissue cellular heterogeneity

Suhorutshenko, Marina; Kukushkina, Viktorija; Velthut-Meikas, Agne; Altmäe, Signe; Peters, Maire; Mägi, Reedik; Krjutškov, Kaarel; Koel, Mariann; Codoñer, Francisco M.; Martinez-Blanch, Juan Fco Human reproduction 2018 / 12 p. : ill <https://doi.org/10.1093/humrep/dey301> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Endophytic fungi-alternative sources of cytotoxic compounds : a review

Uzma, Faszilath; Mohan, Chakrabhavi D.; Hashem, Arbeer; Gupta, Vijai Kumar Frontiers in pharmacology 2018 / art. 309, 37 p. : ill <https://doi.org/10.3389/fphar.2018.00309> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy metabolic plasticity of colorectal cancer cells as a determinant of tumor growth and metastasis

Reinsalu, Leenu; Puurand, Marju; Tšekulajev, Vladimir; **Miller, Sten;** Ševtšuk, Igor; Tepp, Kersti; **Rebane-Klemm, Egle;** Timohhina, Natalja; Terasmaa, Anton; Käämbre, Tuuli Frontiers in Oncology 2021 / Art. nr. 698951 <https://doi.org/10.3389/fonc.2021.698951> [Journal metrics at Journal](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy production from steam gasification processes and parameters that contemplate in biomass gasifier – a review

Singh Siwal, Samarjeet; Zhang, Qibo; Sun, Changbin; Thakur, Sourbh; Gupta, Vijai Kumar; Kumar Thakur, Vijay Bioresource Technology 2020 / Art. nr. 122481 <https://doi.org/10.1016/j.biortech.2019.122481> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Engineered microbes for pigment production using waste biomass

Usmani, Zeba; Sharma, Minaxi; Sudheer, Surya; Gupta, Vijai Kumar; Bhat, Rajeev Current genomics 2020 / p. 80-95

<https://doi.org/10.2174/1389202921999200330152007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Engineered microbial host selection for value-added bioproducts from lignocellulose

Paula, Renato Graciano de; Antoniêto, Amanda Cristina Campos; **Gupta, Vijai Kumar** Biotechnology Advances 2019 / art. 107347, 18 p. : ill <https://doi.org/10.1016/j.biotechadv.2019.02.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Engineered resistant-starch (ERS) diet shapes colon microbiota profile in parallel with the retardation of tumor growth in In Vitro and In Vivo pancreatic cancer models

Panebianco, Concetta; **Adamberg, Kaarel**; **Adamberg, Signe**; **Jaagura, Madis**; **Kolk, Kaia**; **Vilu, Raivo** Nutrients 2017 / art. 331, p. 1-16 : ill <https://doi.org/10.3390/nu9040331>

Enhanced bioremediation of pulp effluents through improved enzymatic treatment strategies : a greener approach

Dixit, Mandeep; Gupta, Guddu Kumar; **Usmani, Zeba**; Sharma, Minaxi; Shukla, Pratyosh Renewable and Sustainable Energy Reviews 2021 / Art. 111664 <https://doi.org/10.1016/j.rser.2021.111664> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhanced efficiency of nitritating-anammox sequencing batch reactor achieved at low decrease rates of oxidation-reduction potential

Zekker, Ivar; Kivirüüt, Aimar; Rikmann, Ergo; Mandel, Anni; **Jaagura, Madis**; Tenno, Toomas; Artemchuk, Oleg; Rubin, Sergio Dc; Tenno, Taavo Environmental Engineering Science 2019 / p. 350-360 <https://doi.org/10.1089/ees.2018.0225> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhanced sensing properties of cobalt bis-porphyrin derivative thin films by a magneto-plasmonic-opto-chemical sensor

Colombelli, A.; Manera, Maria Grazia; **Borovkov, Victor**; Giancane, Gabriele Sensors and actuators B : chemical 2017 / p. 1039-1048 : ill <https://doi.org/10.1016/j.snb.2017.01.192>

Enhanced visible and ultraviolet light-induced gas-phase photocatalytic activity of TiO₂ thin films modified by increased amount of acetylacetone in precursor solution for spray pyrolysis

Spiridonova, Jekaterina; **Mere, Arvo**; **Krunks, Malle**; **Rosenberg, Merilin**; Kahru, Anne; **Danilson, Mati**; **Kritševskaja, Marina**; **Oja Acik, Ilona** Catalysts 2020 / 21 p. : ill <https://doi.org/10.3390/catal10091011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhancement of anoxic phosphorus uptake of denitrifying phosphorus removal process by biomass adaption

Mandel, Anni; Zekker, Ivar; **Jaagura, Madis**; Tenno, Taavo International journal of environmental science and technology 2019 / p. 5965–5978 : ill <https://doi.org/10.1007/s13762-018-02194-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhancement of disease resistance, growth potential, and photosynthesis in tomato (Solanum lycopersicum) by inoculation with an endophytic actinobacterium, Streptomyces thermocarboxydus strain BPSAC147

Passari, Ajit Kumar; Upadhyaya, Kalidas; Singh, Garima; Abdel-Azeem, Ahmed M.; Thankappan, Sugitha; Uthandi, Sivakumar; Hashem, Abeer; **Abd-Allah, Elsayed Fathi**; **Malik, Jahangir Ahmed**; **As, Alqarawi** PLoS ONE 2019 / art. e0219014, 20 p. : ill <https://doi.org/10.1371/journal.pone.0219014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enzymatic conversion of hydrolysis lignin - a potential biorefinery approach

Khan, Sharib; Puss, Kait Kaarel; **Lukk, Tiit**; Loog, Mart; Kikas, Timo; Salmar, Siim Energies 2023 / art. 370, 13 p. : ill <https://doi.org/10.3390/en16010370>

Enzymatic synthesis and polymerization of isosorbide-based monomethacrylates for high-Tg plastics

Matt, Livia; **Parve, Jaan**; **Parve, Omar**; Pehk, Tõnis; Liblikas, Ilme; Vares, Lauri; Jannasch, Patric ACS sustainable chemistry & engineering 2018 / p. 17382-17390 <https://doi.org/10.1021/acssuschemeng.8b05074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enzymatic ways for desymmetrization of malonic derivatives

Murre, Aleksandra; **Erkman, Kristin**; **Kanger, Tõnis** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 64 : ill <http://fmdtk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Environmental and economic life cycle assessment of enzymatic hydrolysis-based fish protein and oil extraction

Bashiri, Bashir; Cropotova, Janna; Kvangarsnes, Kristine; Gavrilova, Olga; **Vilu, Raivo** Resources 2024 / art. 61 <https://doi.org/10.3390/resources13050061>

Eosinophils role in melanoma progression

Teras, Roland Martin; Di Giovanni, Emilia; **Rump, Airi**; Truumees, Birgit; Putnik, Teele; **Teras, Jüri**; **Rüütel Boudinot, Sirje** European journal of surgical oncology : Abstracts 2023 / p. e168 <https://doi.org/10.1016/j.ejso.2022.11.463>

An epigenetic alphabet of crop adaptation to climate change : review article

Guarino, Francesco; Cicatelli, Angela; Castiglione, Stefano; Agius, Dolores R.; Orhun, Gul Ebru; Fragkostefanakis, Sotirios; Leclercq, Julie; Dobranszki, Judit; **Sõmera, Merike; Sarmiento Guerin, Maria Cecilia** *Frontiers in Genetics* 2022 / art. 818727

<https://doi.org/10.3389/fgene.2022.818727> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Erinevate α -naftoolide süntees ja dearomatiseerimine

Larin, Anni; Paju, Anne; Lopp, Margus XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 21 : ill

Erratum to "Physicochemical, textural, and sensorial properties of fibrous meat analogs from oat-pea protein blends extruded at different moistures, temperatures, and screw speeds" [Future Foods, 4 (2021) 100092]

Kaleda, Aleksei; Talvistu, Karel; **Vaikma, Helen; Tammik, Mari-Liis; Rosenvald, Sirli; Vilu, Raivo** *Future foods* 2022 / art. 100162

<https://doi.org/10.1016/j.fufo.2022.100162> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Erratum: author correction: Alleviation of drought stress in pulse crops with ACC deaminase producing rhizobacteria isolated from acidic soil of Northeast India (Scientific reports (2018) 8 1 (3560))

Saikia, Juthika; Sarma, Rupak K.; Dhandia, Rajashree; Yadav, Archana; Bharali, Rupjyoti; **Gupta, Vijai Kumar**; Saikia, Ratul

Scientific reports 2018 / art. 7000, 1 p. <https://doi.org/10.1038/s41598-018-25174-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Erratum: author correction: Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production (Scientific reports (2017) 7 1 (11809))

Passari, Ajit Kumar; Mishra, Vineet Kumar; Singh, Garima; Singh, Pratibha; Kumar, Brijesh; **Gupta, Vijai Kumar; Sarma, Rupak Kumar; Saikia, Ratul; Donovan, Anthonia O'; Singh, Bhim Pratap** *Scientific reports* 2018 / art. 4650, 1 p.

<https://doi.org/10.1038/s41598-018-22947-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Erratum: Microbiome definition re-visited: old concepts and new challenges (Microbiome (2020) 8 (103) DOI: 10.1186/s40168-020-00875-0)

Berg, Gabriele; Rybakova, Daria; Fischer, Doreen; Cernava, Tomislav; Vergès, Marie-Christine Champomier; Charles, Trevor C.; Chen, Xiaoyulong; Cocolin, Luca; Eversole, Kellye; **Sarand, Inga** *Microbiome* 2020 / art. 119, 1 p. <https://doi.org/10.1186/s40168-020-00905-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Essential oil from onion

Lõugas, Tiina; Tõnisson, Hanna Reti 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 133

Ethane-bridged bisporphyrin conformational changes as an effective analytical tool for nonenzymatic detection of urea in the physiological range

Buccolieri, Alessandro; **Hasan, Mohammed**; Bettini, Simona; **Borovkov, Victor** *Analytical chemistry* 2018 / p. 6952-6958 : ill

<https://doi.org/10.1021/acs.analchem.8b01230> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluating the effect of different fibers on a simplified gut microbiota

Aro, Valter; Kattel, Anna; Nahku, Ranno; Viird, Ene; **Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 19

https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacs.pdf

Evaluating the impact of toxicities in hemicellulosic hydrolysates during biotechnological valorisation processes

Lipova, Inna; Axelrud Nunes, Andreia; Bonturi, Nemailla; **Lahtvee, Petri-Jaan** Conference materials "Youth and modern problems of microbiology and virology" : IV young scientists conference, Kyiv, Ukraine, 15-17 November 2022 : Abstracts book 2022 / p. 15

https://imv.org.ua/wp-content/uploads/2022/12/Conference-materials_2022.pdf

Evaluation of carbon aerogel-based solid-phase extraction sorbent for the analysis of sulfur mustard degradation products in environmental water samples

Jõul, Piia; Vaher, Merike; Kuhtinskaja, Maria *Chemosphere* 2018 / p. 460-468 <https://doi.org/10.1016/j.chemosphere.2018.01.157>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of different operating modes of an autosampler for portable capillary electrophoresis

Kaljurand, Mihkel; Ruzicka, Martin; Gorbatsova, Jelena; Mazina-Šinkar, Jekaterina *Journal of Chromatography A* 2023 / art.

464201 <https://doi.org/10.1016/j.chroma.2023.464201>

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.ymben.2024.01.007>

Evaluation of freshwater using chromatographic analyses of dissolved organic matter data from the hypertrophic river Vääna, Estonia

Lepane, Viia Sustainability 2023 / art. 16819 <https://doi.org/10.3390/su152416819>

Evaluation of Zn²⁺- and Cu²⁺-binding affinities of native Cu,Zn-SOD1 and its G93A mutant by LC-ICP MS

Smirnova, Julia; Gavrilova, Julia; Noormägi, Andra; Valmsen, Karin; Pupart, Hegne; Luo, Jinghui; Tõugu, Vello; Palumaa, Peep Molecules 2022 / art. 3160 <https://doi.org/10.3390/molecules27103160> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Even food on the battlefield needs to be armed! Market overview of long shelf-life breads

Leppik, Kärt; Traksmäa, Anna; Kuldjärv, Rain 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 62

Even food on the battlefield needs to be armed: Sensory characteristics and physico-chemical analysis of long shelf-life breads

Vaikka, Helen; Leppik, Kärt; Kuldjärv, Rain EUROSENSE 2020: 9th European Conference on Sensory and Consumer Research 2020

Evolutionary distribution of deoxynucleoside 5-monophosphate N-glycosidase, DNPH1

Reintamm, Tõnu; Aas-Valleriani, Nele; Kelve, Merike Gene 2019 / p. 1-11 <https://doi.org/10.1016/j.gene.2018.10.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evolutionary origin of the P2X7 C-ter region : capture of an ancient ballast domain by a P2X4-Like gene in ancient jawed vertebrates

Rump, Airi; Smolander, Olli-Pekka; Rüütel Boudinot, Sirje; Kanellopoulos, Jean; Boudinot, Pierre Frontiers in immunology 2020 / art. 113, 15 p. : ill <https://doi.org/10.3389/fimmu.2020.00113> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evolving perspectives on domestic violence: A historical overview

Khalid, Sadia The European Sting 2023 [Evolving Perspectives on Domestic Violence: A Historical Overview](#)

An example of green surfactant systems based on inherently biodegradable IL-derived amphiphilic oximes

Pandya, Subhashree Jayesh; Kapitanov, Illia; Usmani, Zeba; Sahu, Reshma; Sinha, Deepak; Gathergood, Nicholas; Ghosh, Kallol K; Karpichev, Yevgen Journal of molecular liquids 2020 / art. 112857 <https://doi.org/10.1016/j.molliq.2020.112857> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exploration of host-agent-environment interactions using tools of metagenomic sequencing and next generation phage display = Metagenoomi sekveneermise ja järgmise põlvkonna faagidisplei kasutamine inimese eksposoomi kirjeldamisel

Jaago, Mariliis 2023 <https://doi.org/10.23658/taltech.56/2023> <https://digikogu.taltech.ee/et/Item/0220f3e8-c452-4c02-a117-d8c343375d24> https://www.ester.ee/record=b5645213*est

Exploring the protein content and odor-active compounds of black soldier fly larvae for future food applications

Huseynli, Lachinkhanim; Parviainen, Tuure; Kyllönen, Tiia; Aisala, Heikki; Vene, Kristel Future foods 2023 / art. 100224 <https://doi.org/10.1016/j.fufo.2023.100224>

Exposure to sublethal concentrations of Co₃O₄ and Mn₂O₃ nanoparticles induced elevated metal body burden in Daphnia magna

Heinlaan, Margit; Muna, Marge; Juganson, Katre; Oriekhova, Olena; Stoll, Serge; Kahru, Anne; Slaveykova, Vera Aquatic toxicology 2017 / p. 123-133 : ill <http://dx.doi.org/10.1016/j.aquatox.2017.06.002>

Expression of alternative transcription factor 4 mRNAs and protein isoforms in the developing and adult rodent and human tissues

Sirp, Alex; Shubina, Anastassia; Tuvikene, Jürgen; Tamberg, Laura; Kiir, Carl Sander; Kranich, Laura; Timmusk, Tõnis Frontiers in Molecular Neuroscience 2022 / art. 1033224 <https://doi.org/10.3389/fnmol.2022.1033224> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Extraction and analysis of bioactive compounds from Dipsacus fullonum and Galium verum for Lyme borreliosis treatment

Kuhtinskaja, Maria; Vaher, Merike Biomedical journal of scientific & technical research 2018 / p. 8614-8616 : ill <http://doi.org/10.26717/BJSTR.2018.11.002121>

Extraction and determination of total phenolic contents, flavonoid contents, and volatile compounds in Epilobium angustifolium and Cannabis sativa varieties

Düüna, Kristin; Jõul, Piia; Vaher, Merike Proceedings 2023 / art. 21 <https://doi.org/10.3390/proceedings2023092021>

Extraction and fractionation of bioactives from dipsacus fullonum L. leaves and evaluation of their anti-borrelia activity

Saar-Reismaa, Piret; Bragina, Olga; Kuhtinskaja, Maria; Reile, Indrek; Laanet, Pille-Riin; Kulp, Maria; Vaher, Merike Pharmaceuticals 2022 / 12 p. : ill <https://doi.org/10.3390/ph15010087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Extraction of bioactive compounds from Catharanthus roseus and Vinca minor

Koel, Mihkel; Kuhtinskaja, Maria; Vaher, Merike Separation and purification technology 2020 / art. 117438 ; 5 p. : ill
<https://doi.org/10.1016/j.seppur.2020.117438> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Extraction of bioactive compounds from Dipsacus fullonum leaves using deep eutectic solvents

Saar-Reismaa, Piret; Koel, Mihkel; Tarto, Riin; Vaher, Merike Journal of chromatography A 2022 / art. 463330
<https://doi.org/10.1016/j.chroma.2022.463330> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fabrication of novel metal, nitrogen co-doped carbon materials based on a unique organic ligand = Uue orgaanilise ligandi kasutuselevõtt metalli ja lämmastikuga rikastatud süsinikmaterjalide sünteesimiseks

Alam, Mahboob 2022 <https://doi.org/10.23658/taltech.59/2022> <https://digikogu.taltech.ee/et/Item/c29cf2b3-8776-47b8-82dc-3eb33cb56941>
https://www.ester.ee/record=b5524927*est

Fabrication, potentiometric characterization, and application of screen-printed RuO₂ pH electrodes for water quality testing

Uppuluri, Kiranmai; Lazouskaya, Maryna; Szwagierczak, Dorota; Zaraska, Krzysztof; Tamm, Martti Sensors 2021 / art. 5399, 15 p. : ill
<https://doi.org/10.3390/s21165399> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Facile and environmentally benign aerobic cascade oxidation of substituted cyclopentane-1,2-diones using metalloporphyrin catalysts [Online resource]

Maljutenko, Karolin; Borovkov, Victor; Kananovich, Dzmitry; Lopp, Margus Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fntdk.ut.ee/teesid/>

Factors predicting toxicity and response following isolated limb infusion for melanoma: An international multi-centre study

Kenyon-Smith, Tim; Kroon, Hidde M.; Miura, John T.; Teras, Jüri European journal of surgical oncology 2020 / p. 2140-2146
<https://doi.org/10.1016/j.ejso.2020.06.040> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fat-making microbes for greener and sustainable industry

Shapava, Volha; Lahtvee, Petri-Jaan; Blomqvist, Johanna; Passoth, Volkmar; Bonturi, Nemailla; Einarsson, Hjörleifur; Sigurðarson, Jens J.; Skugor, Stanko; Varland, Marit Fast track to vision 2030 2023 / p. 112-115 <https://www.nordforsk.org/2023/fast-track-vision-2030>

Fenoolide dearomatiseerimine : elektrofiilne asendus versus elektrofiilne liitumine

Lopušanskaja, Eleana; Lopp, Margus XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 23 : ill

Fermentation of non-dairy milks by commercial starter cultures : microcalorimetric approach

Stulova, Irina; Orgusaar, Kaisa; Part, Natalja; Viirard, Ene; Vilu, Raivo 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis , 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts 2019 / p. 220 <http://www.ceec-tac.org/download.php?f=../download/BoA%20CEEC-TAC5%20Medicta2019.pdf>

Fermentatsioonist - ausalt ja avameelselt : hapendamise aabits

Kuldjärv, Rain 2023 https://www.ester.ee/record=b5569705*est

Fermentatsiooniteadlane Rain Kuldjärv õpetab lääneeurooplasi hapukapsast sööma : hapendamine päästab maailma toidumuredest

Arndt-Kalju, Margit omamaitse.delfi.ee 2023 [Fermentatsiooniteadlane Rain Kuldjärv õpetab lääneeurooplasi hapukapsast sööma: hapendamine päästab maailma toidumuredest](#)

Ferrocene introduced into 5-methylresorcinol-based organic aerogels

Erkhova, Ludmila V.; Presniakov, Igor A.; Afanasov, Michail I.; Lemenovskiy, Dmitry A.; Yu, Haojie; Wang, Li; Danilson, Mati; Koel, Mihkel Polymers 2020 / art. 1582 ; 12 p. : ill <https://doi.org/10.3390/polym12071582> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First crystal structure of a bacterial endo-levanase

Ernits, Karin; Eek, Priit; Lukk, Tiit; Visnapuu, Triinu; Alamäe, Tiina FEBS3+ conference of Latvian, Lithuanian and Estonian Biochemical Societies : abstract book : Riga, Latvia, 17-19 June 2019 2019 / p. 22

First crystal structure of an endo-levanase - the BT1760 from a human gut commensal Bacteroides thetaiotaomicron

Ernits, Karin; Eek, Priit; Lukk, Tiit Scientific reports 2019 / art. 8443, 13 p. : ill <https://doi.org/10.1038/s41598-019-44785-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First Eastern European experience of isolated limb infusion for in-transit metastatic melanoma confined to the limb: Is it

still an effective treatment option in the modern era?

Teras, Jüri; Kroon, Hidde M.; Thompson, John F.; **Teras, Marina**; **Pata, Pille**; Mägi, Andrus; Teras, Roland Martin; **Rüütel Boudinot, Sirje** European journal of surgical oncology 2020 / p. 272-276 <https://doi.org/10.1016/j.ejso.2019.10.039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First person - Laura Tamberg

Tamberg, Laura Disease Models & Mechanisms 2020 / art. dmm046532, 2 p. : phot
<https://dmm.biologists.org/content/dmm/13/7/dmm046532.full.pdf> <https://doi.org/10.1242/dmm.046532>

First report of Cocksfoot mottle virus infecting wheat in Estonia

Sõmera, Merike; Sooväli, Pille New disease reports 2023 / art. e12206 <https://doi.org/10.1002/ndr2.12206>

First report of Hosta virus X infecting hosta plants in Ukraine

Shchetynina, A.; Budzanivska, I.; Pereboychuk, O.; **Sõmera, Merike**; Truve, Erkki Acta virologica 2017 / p. 498-499
https://dx.doi.org/10.4149/av_2017_415

First report of wheat dwarf virus in winter wheat in Estonia

Sõmera, Merike; Truve, Erkki; Sooväli, Pille Plant disease 2019 / p. 1797 <https://doi.org/10.1094/PDIS-11-18-2059-PDN> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Foliar resistance to the late blight pathogen Phytophthora infestans (Mont.) de Bary in a backcross of potato (Solanum tuberosum L.) cultivar Ando

Runno-Paurson, Eve; Tähtjärv, Terje; **Tõnismann, Karmen**; **Peuša, Hilma**; **Jakobson, Irena**; **Järve, Kadri** Acta agriculturae Scandinavica. Section B, Soil and plant science 2019 / p. 631-640 : ill <https://doi.org/10.1080/09064710.2019.1629621> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Food waste : challenges and opportunities for enhancing the emerging bio-economy

Morone, Piergiuseppe; Koutinas, Apostolis; **Gathergood, Nicholas**; Arshadi, Mehrdad; Matharu, Avtar Journal of cleaner production 2019 / p. 10-16 <https://doi.org/10.1016/j.jclepro.2019.02.258> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Formation and trapping of the thermodynamically unfavoured inverted-hemicucurbit[6]uril

Prigorchenko, Elena; **Kaabel, Sandra**; **Narva, Triin**; **Baškir, Anastassia**; **Fomitšenko, Maria**; Adamson, Jasper; **Järving, Ivar**; Rissanen, Kari; **Tamm, Toomas**; **Aav, Riina** Chemical communications 2019 / p. 9307-9310 : ill <https://doi.org/10.1039/C9CC04990H> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Formulation of active food packaging by design: Linking composition of the film-forming solution to properties of the chitosan-based film by response surface methodology (RSM) modelling

Bajić, Marijan; Oberlintner, Ana; **Körge, Kristi**; Likozar, Blaž; Novak, Uroš International Journal of Biological Macromolecules 2020 / p. 971 - 978 <https://doi.org/10.1016/j.jbiomac.2020.05.186> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fostering menstrual equity : promoting inclusivity and empowerment in period experiences

Khalid, Sadia The European Sting 2023 <https://europeansting.com/2023/06/21/fostering-menstrual-equity>

Friikad, pitsa, šokolaad : miks me lohutuse- ja preemiatooiduna ebatervislikke valikuid teeme? Eksperdid selgitavad!

Kipper, Kelly annestii.delfi.ee 2023 [Friikad, pitsa, šokolaad: miks me lohutuse- ja preemiatooiduna ebatervislikke valikuid teeme? Eksperdid selgitavad!](https://delfi.ee/2023/06/21/friikad-pitsa-šokolaad-miks-me-lohutuse-ja-preemiatooiduna-ebatervislikke-valikuid-teeme?Eksperdid-selgitavad!)

Front-face fluorimeter for the determination of cutting time of cheese curd

Lazouskaya, Maryna; Stulova, Irina; Sõrmus, Aavo; **Scheler, Ott**; Tiisma, Kalle; Vinter, Toomas; Loov, Roman; Tamm, Martti Foods 2021 / art. 576, 13 p <https://doi.org/10.3390/foods10030576> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Fuchs corneal dystrophy-associated CTG repeat expansion in the TCF4 gene affects transcription from its alternative promoters

Sirp, Alex; **Leite, Kristian**; Tuvikene, Jürgen; **Nurm, Kaja**; **Sepp, Mari**; **Timmusk, Tõnis** Scientific reports 2020 / art. 18424
<https://doi.org/10.1038/s41598-020-75437-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Functional consequences of TCF4 missense substitutions associated with Pitt-Hopkins syndrome, mild intellectual disability, and schizophrenia

Sirp, Alex; **Roots, Kaisa**; **Nurm, Kaja**; Tuvikene, Jürgen; **Sepp, Mari**; **Timmusk, Tõnis** The journal of biological chemistry 2021 / art. 101381 <https://doi.org/10.1016/j.jbc.2021.101381> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A fungal catalase reacts selectively with the 13S fatty acid hydroperoxide products of the adjacent lipoxygenase gene

and exhibits 13S-hydroperoxide-dependent peroxidase activity

Teder, Tarvi; Boeglin, William E.; Schneider, Claus; Brash, Alan R. Biochimica et Biophysica Acta (BBA) - molecular and cell biology of lipids 2017 / p. 706-715 : ill <http://dx.doi.org/10.1016/j.bbalip.2017.03.011>

Fungal networks and orchid distribution: new insights from above- and below-ground analyses of fungal communities

Pecoraro, Lorenzo; Caruso, Tancredi; Cai, Lei; **Gupta, Vijai Kumar**; Liu, Zhong-Jian IMA Fungus 2018 / p. 45-66

<https://doi.org/10.5598/IMAFUNGUS.2018.09.01.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fused hybrid linkers for metal–organic framework-derived bifunctional oxygen electrocatalysts

Ping, Kefeng; Braschinsky, Alan; **Alam, Mahboob**; **Bhadoria, Rohit**; **Mikli, Valdek**; **Mere, Arvo**; Aruväli, Jaan; Paiste, Pääm; Vlassov, Sergei; Kook, Mati; Rähn, Mihkel; Sammelselg, Väino; Tammeveski, Kaido; Kongi, Nadežda; **Starkov, Pavel** ACS Applied Energy Materials 2020 / p. 152–157 : ill <https://doi.org/10.1021/acsaem.9b02039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fused hybrid linkers for metal–organic frameworks-derived bifunctional oxygen electrocatalysts : [version 1.0] [Online resource]

Ping, Kefeng; Braschinsky, Alan; **Alam, Mahboob**; **Bhadoria, Rohit**; **Mikli, Valdek**; **Mere, Arvo**; **Starkov, Pavel** ChemRxiv 2019 / 10 p., S16 p. : ill <https://doi.org/10.26434/chemrxiv.7687358>

Fused hybrid linkers for metal–organic frameworks-derived bifunctional oxygen electrocatalysts : [version 2.0] [Online resource]

Ping, Kefeng; Braschinsky, Alan; **Alam, Mahboob**; **Bhadoria, Rohit**; **Mikli, Valdek**; **Mere, Arvo**; **Starkov, Pavel** ChemRxiv 2019 / 10 p., S17 p. : ill <https://doi.org/10.26434/chemrxiv.7687358.v2>

Future perspective of in situ soil analysis

Leinus, Mari-Liis; Jõul, Piia; Růžicka, Martin; **Gorbatšova, Jelena**; **Vaher, Merike**; Shimmo, Ruth; **Mazina-Šinkar, Jekaterina** Proceedings 2023 / art. 10 <https://doi.org/10.3390/proceedings2023092010>

gapFinisher : A reliable gap filling pipeline for SSPACE-LongRead scaffolder output

Kammonen, Juhana I.; **Smolander, Olli-Pekka**; Paulin, Lars PLoS ONE 2019 / art. e0216885, 21 p. : ill

<https://doi.org/10.1371/journal.pone.0216885> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A gas chromatograph for citizen science

Kaljurand, Mihkel; **Gorbatšova, Jelena**; **Mazina-Šinkar, Jekaterina** Microchemical journal 2021 / art. 106195, 6 p. : ill

<https://doi.org/10.1016/j.microc.2021.106195> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gas-chromatographic determination of sulfur compounds in the gasoline fractions of shale oil and oil obtained from used tires

Pihl, Olga; Niidu, Allan; Merkulova, Nadežda; Fomitšov, Mihhail; Siirde, Andres; **Tšepelevitš, Maria** Oil shale 2019 / p. 188–

196 : ill http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-188-196.pdf <https://doi.org/10.3176/oil.2019.2S.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gelling properties of proteins in meat analogues

Tammik, Mari-Liis; Vimm, Kersti-Liis 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 16

https://conferences.ltu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Gender biases and inequality in healthcare : time to train the conscious doctors of the future

Khalid, Sadia The European Sting 2022 <https://europeansting.com/2022/04/19/gender-biases-and-inequality-in-healthcare-time-to-train-the-conscious-doctors-of-the-future/#>

Geneetik Andres Veske (4.7.1965 – 23.10.2022) [Võrguväljaanne]

Tamme, Richard; **Koppel, Indrek** postimees.ee 2022 [Geneetik Andres Veske \(4.7.1965 – 23.10.2022\)](https://postimees.ee/2022/04/19/geneetik-andres-veske-4-7-1965-23-10-2022/)

Generation of mixed anhydrides via oxidative fragmentation of tertiary cyclopropanols with phenyliodine(III) dicarboxylates

Zubrytski, Dzmitry M.; Elek, Gabor Zoltan; **Lopp, Margus**; **Kananovich, Dzmitry** Molecules 2020 / art. 140

<https://doi.org/10.3390/molecules26010140> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Genetic analysis of powdery mildew resistance in an introgression line of wheat = Jahukastekindla introgressiivse suvenisulini geneetiline analüüs

Jakobson, Irena 2019 <https://digi.lib.ttu.ee/12020>

Genetic assessment reveals no population substructure and divergent regional and sex-specific histories in the Chachapoyas from northeast Peru

Guevara, Evelyn K.; Palo, Jukka U.; Översti, Sanni; King, Jonathan L.; Seidel, Maria; **Stoljarova, Monika**; **Wendt, Frank R.**; Bus,

Magdalena M.; Guengerich, Anna; Church, Warren B. PLoS ONE 2020 / art. e0244497, 24 p. : ill
<https://doi.org/10.1371/journal.pone.0244497> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Genome description of *Phlebia radiata* 79 with comparative genomics analysis on lignocellulose decomposition machinery of phlebioid fungi

Mäkinen, Mari; Kuuskeri, Jaana; Laine, Pia; **Smolander, Olli-Pekka** BMC genomics 2019 / art. 430, 22 p. : ill
<https://doi.org/10.1186/s12864-019-5817-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Genome-scale metabolic modeling reveals metabolic trade-offs associated with lipid production in *Rhodotorula toruloides*

Rekena, Alina; Pinheiro, Marina J.; **Bonturi, Nemailla**; **Belouah, Isma**; Tammekivi, Eliise; Herodes, Koit; Kerkhoven, Eduard J.; **Lahtvee, Petri-Jaan** PLoS computational biology 2023 / art. e1011009 <https://doi.org/10.1371/journal.pcbi.1011009>

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

Genomic footprints of activated telomere maintenance mechanisms in cancer

Sieverling, Lina; Hong, Chen; Koser, Sandra D.; Ginsbach, Philip; Kleinheinz, Kortine; Hutter, Barbara; Braun, Delia M.; Cortés-Ciriano, Isidro; Xi, Ruibin; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 733, 13 p. ill <https://doi.org/10.1038/s41467-019-13824-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Global health : navigating the impact of poverty and economic crisis

Khalid, Sadia The European Sting 2024 [Global health : navigating the impact of poverty and economic crisis](#)

Glucocorticoid receptor stimulation resulting from early life stress affects expression of DNA methyltransferases in rat prefrontal cortex

Urb, Mari; Anier, Kaili; Matsalu, Terje; **Koppel, Indrek**; **Timmusk, Tõnis** Journal of molecular neuroscience 2019 / p. 99–110 : ill
<https://doi.org/10.1007/s12031-019-01286-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Glucose impairs aspirin inhibition in platelets through a NAD(P)H oxidase signaling pathway

Kobzar, Gennadi; **Mardla, Vilja**; **Samel, Nigulas** Prostaglandins & other lipid mediators 2017 / p. 33-40 : ill
<https://doi.org/10.1016/j.prostaglandins.2017.07.004>

Gly188Arg substitution eliminates substrate inhibition in arachidonate 11R-lipoxygenase

Põldemaa, Kaspar; **Lipp, Maarja**; **Järving, Ivar**; **Samel, Nigulas**; **Eek, Priit** Biochemical and biophysical research communications 2019 / p. 81-85 : ill <https://doi.org/10.1016/j.bbrc.2019.08.132> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

GMO-vastase võitluse eksitavatest valedest : vastukaja

Truve, Erkki Õhtuleht 2017 / lk. 8 <https://www.oh tuleht.ee/787464/erkki-truve-gmo-vastase-voitluse-eksitavatest-valedest>

Green Chemistry and reconsidering simple analytical methods

Jõul, Piia; **Kuhtinskaja, Maria**; **Vaher, Merike**; **Koel, Mihkel** Chimica Oggi = Chemistry today 2017 / p. 32-34 : ill
<http://www.teknoscienze.com/chemistry-today/>

Green profiling of aprotic versus protic ionic liquids : synthesis and microbial toxicity of analogous structures

Reid, Joshua E.S.J.; Prydderch, Hannah; Spulak, Marcel; Shimizu, Seishi; Walker, Adam J.; **Gathergood, Nicholas** Sustainable Chemistry and Pharmacy 2018 / p. 17-26 <https://doi.org/10.1016/j.scp.2017.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A greener approach to hydrolyse ionic liquids

Sudheer, Surya; **Raba, Grete**; **Kapitanov, Illia**; **Karpichev, Yevgen**; **Vilu, Raivo**; **Gupta, Vijai Kumar**; **Gathergood, Nicholas** Basic & Clinical Pharmacology & Toxicology 2018 International Conference on Biotechnology and Bioengineering (ICBB2018) : 24-26 October 2018, Budapest, Hungary 2018 / p. 21 <https://doi.org/10.1111/bcpt.13165>

Greening research work: practical tips for minimizing waste and promoting sustainability

Khalid, Sadia The European Sting 2023 [Greening Research Work: Practical Tips for Minimizing Waste and Promoting Sustainability](#)

Greibi tarbimine koos teatud ravimitega võib halvasti lõppeda

Liebert, Tiit Postimees 2018 / Tervis, lk. 4

Gut bacteria co-culture in vitro studies

Aro, Valter; **Kattel, Anna**; Morell, Indrek; **Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 18

https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacts.pdf

Halo-1,2,3-triazolium salts as halogen bond donors for the activation of imines in dihydropyridinone synthesis

Kaasik, Mikk; Metsala, Andrus; Kaabel, Sandra; Kriis, Kadri; Järving, Ivar; Kanger, Tõnis Journal of organic chemistry 2019 / p. 4294–4303 : ill <https://doi.org/10.1021/acs.joc.9b00248> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Halogeenside võib võimendada kaugete aatomite interaktsioone

Metsala, Andrus; Kaasik, Mikk; Kanger, Tõnis; Lopp, Margus XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 28 https://www.ester.ee/record=b5208044*est

Halogen and chalcogen polyhydrides

Luts, Hanna-Eliisa; Tamm, Toomas ICQC 2023 : International Congress of Quantum Chemistry : Book of Abstracts 2023 / p. PB48 <https://icqc2023.org/wp-content/uploads/BOA-27-6-v1.pdf>

Halogen-Bonding Organocatalysis - New Opportunities for Asymmetric Synthesis

Kaasik, Mikk; Kanger, Tõnis Asymmetric Organocatalysis: New Strategies, Catalysts, and Opportunities. Vol. 1 2022 / p. 203-224 <https://doi.org/10.1002/9783527832217.ch6>

Halotriazolium salts as organocatalysts in aza-Diels-Alder reaction [Online resource]

Kaasik, Mikk; Kriis, Kadri; Kanger, Tõnis 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/>

A haplotype specific to North European wheat (*Triticum aestivum* L.)

Tsõmbalova, Jelena; Peuša, Hilma; Jakobson, Irena; Järve, Kadri Genetic resources and crop evolution 2017 / p. 653-664 : ill <http://dx.doi.org/10.1007/s10722-016-0389-9>

Hazard evaluation of polystyrene nanoplastic with nine bioassays did not show particle-specific acute toxicity

Heinlaan, Margit; Kasemets, Kaja; Aruoja, Villem; Blinova, Irina; Bondarenko, Olesja; Lukjanova, Aljona; Khosrovyan, Alla; Kurvet, Imbi; Pullerits, Mirjam; Sihtmäe, Mariliis; **Vasiliev, Grigory**; Vija, Heiki; Kahru, Anne Science of the total environment 2020 / art. 136073, 7 p. : ill <https://doi.org/10.1016/j.scitotenv.2019.136073> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at WOS](#)

Hea teada! Bio- ja toiduainetetehnoloog Kaarel Adamberg põhjendab ära, miks enamik dieete on mõeldud lühiajaliseks katsetamiseks [Võrguväljaanne]

Adamberg, Kaarel omamaitse.delfi.ee 2020 [Hea teada!](#)

Health challenges of refugees and lessons to be learned

Khalid, Sadia The European Sting 2023 [Health challenges of refugees and lessons to be learned](#)

Heidi Lees ja Piia Jõul. Oht merepõhjas - keemiarelvad

Lees, Heidi; Jõul, Piia Teadus kolme minutiga : 2015-2016 2017 / lk. [60]-63 : ill http://www.ester.ee/record=b4654069*est

Helicene-based chiral auxiliaries and chirogenesis

Hasan, Mohammed; Borovkov, Victor Symmetry 2018 / 48 p. : ill <https://doi.org/10.3390/sym10010010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Helicene-Based Chiral Auxiliaries and Chirogenesis

Hasan, Mohammed; Borovkov, Victor Chiral Auxiliaries and Chirogenesis 2021 / p. 103-150 <https://doi.org/10.3390/books978-3-0365-1017-0> <https://doi.org/10.3390/sym10010010>

Helicobacter pylori and the possible probiotic Lactobacillus salivarius co-exist in Estonian gastric biopsy sample

Roots, Kaisa; Kasak, Lagle; Suurmaa, Külliki; Sarand, Inga; Spuul, Pirjo Helicobacter 2020 <https://www.x-mol.com/paper/1304864948814581760> <https://onlinelibrary.wiley.com/journal/15235378?tabActivePane=> <https://doi.org/10.1111/hel.12745>

Helicobacter pylori induces alterations in liver cell signaling

Roots, Kaisa; Rukavitsõna, Elina; Smirnova, Olga; Kasak, L.; Varon, E.; Genot, P.; Spuul, Pirjo Helicobacter Special Issue: The Year in Helicobacter. XXXIInd International Workshop on Helicobacter & Microbiota in Inflammation & Cancer, Innsbruck, Austria, 5–7 September 2019 2019 / e12647, p. 58 <https://doi.org/10.1111/hel.12647>

Helicobacter pylori-induced inflammatory response mediates invadosome formation and emergence of hybrid epithelial/mesenchymal phenotype in infected hepatocytes

Smirnova, Olga; Roots, Kaisa; Rukavitsõna, Elina; Kasak, Lagle; Karniol, Karmen; Varon, C.; Genot, Elisabeth; Spuul, Pirjo Helicobacter 2020 <https://doi.org/10.1111/hel.12745>

Hemicucurbit[n]urils for extraction of neutral heterocycles from water

Shalima, Tatsiana; Kamini, Mihsra; Kaabel, Sandra; Aav, Riina GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 77 : ill <http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Hemicucurbituril complexes with Porphyrins - chirality induction and sensing

Ustrnul, Lukas; Šakarašvili, Marko; Konrad, Nele; Borovkov, Victor; Aav, Riina Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 318 http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

Hepatitis E virus infection in different groups of Estonian patients and people who inject drugs

Kuznetsova, Tatiana; Ivanova-Pozdejeva, Anna; Reshetnjak, Irina; Geller, Julia; **Värv, Kairi**; Rumvolt, Reet; Vikentjeva, Maria; Trubnikova, Elena V.; Pozdniakova, Natalia V.; Shevelev, Alexei B.; Golovljova, Irina Journal of Clinical Virology 2018 / p. 5-10 <https://doi.org/10.1016/j.jcv.2018.04.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hepatitis E virus infection in different groups of Estonian patients and people who inject drugs

Kuznetsova, Tatiana; Reshetnjak, Irina; Ivanova-Pozdejeva, Anna; Geller, Julia; **Värv, Kairi**; Rumvolt, Reet; Vikentjeva, Maria; Golovljova, Irina 8th European Meeting on Viral Zoonoses, St Raphael, France, 22-25.October, 2017 : program and abstracts 2017 / p. 28 http://euroviralzoon.com/wp-content/uploads/2013/01/8thEMVZ_Scientific_Programme_171017.pdf

Heterocomponent ternary supramolecular complexes of porphyrins : a review

Prigorchenko, Elena; Ustrnul, Lukas; Borovkov, Victor; Aav, Riina Porphyrin Science by Women. Volume 3: Materials, Sensors, Energy and Catalysis 2021 / p. 816-833 https://doi.org/10.1142/9789811223556_0071

Heterocomponent ternary supramolecular complexes of porphyrins: a review

Prigorchenko, Elena; Ustrnul, Lukas; Borovkov, Victor; Aav, Riina Journal of porphyrins and phthalocyanines 2019 / p. 1308-1325 : ill <https://doi.org/10.1142/S108842461930026X> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Heterogeneity of preovulatory follicle cell types between normo- and hyporesponders

Roos, Kristine; Rooda, Ilmatar; Keif, Robyn-Stefany; Liivrand, Maria; Salumets, A.; Smolander, Olli-Pekka Aukusti; Velthut-Meikas, Agne; Liivrand, Maria Human Reproduction : ESHRE 2022 : abstracts 2022 / art. P-595 <https://doi.org/10.1093/humrep/deac105.053>

High-coverage whole-genome analysis of 1220 cancers reveals hundreds of genes deregulated by rearrangement-mediated cis-regulatory alterations

Zhang, Yiqun; Chen, Fengju; Fonseca, Nuno A.; He, Yao; Fujita, Masashi; Nakagawa, Hidewaki; Zhang, Zemin; Brazma, Alvis; Amin, Samirkumar B.; **Uusküla-Reimand, Liis** Nature Communications 2020 / Art. nr. 736 <https://doi.org/10.1038/s41467-019-13885-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Highly chemo- and regioselective synthesis and subsequent directional catalyst-free transformation of enantiopure bioxirane derivatives

Hu, Xiaoyun; Li, Kang; Guo, Jianxin; Wang, Cui; Ma, Ling; **Borovkov, Victor** Tetrahedron 2022 / art. 132763 <https://doi.org/10.1016/j.tet.2022.132763> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Highly chemoselective solvent-free synthesis of 1,3,5-triaryl-1,5- diketones: crystallographic investigation and intramolecular weak bifurcated H bonds involving aliphatic C-H group

Yin, Zhongyou; Xiong, Changkun; Guo, Jianxin; **Borovkov, Victor** Synlett 2019 / p. 2143-2147 <https://doi.org/10.1055/s-0039-1690224>

Highly diastereoselective chelation-controlled 1,3-anti-allylation of (S)-3-(Methoxymethyl)hexanal enabled by hydrate of scandium triflate

Masiuk, Uladzimir; Mineyeva, Iryna; **Kananovich, Dzmitry** Symmetry 2021 / art. 470, 17 p <https://doi.org/10.3390/sym13030470> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Highly sensitive conformational switching of ethane-bridged mono-zinc bis-porphyrin as an application tool for rapid monitoring of aqueous ammonia and acetone

Buccolieri, Alessandro; Manno, D.; Serrano, Aida; Santino, A.; **Hasan, Mohammed**; **Borovkov, Victor**; Giancane, Gabriele Sensors and actuators B : chemical 2018 / p. 685-691 : ill <https://doi.org/10.1016/j.snb.2017.11.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-sensitive nascent transcript sequencing reveals BRD4-specific control of widespread enhancer and target gene transcription

Bressin, A.; **Jasnovidova, Olga**; Arnold, M.; Altendorfer, E.; Trajkovski, F.; Kratz, T. A.; Handzlik, J. E.; Hnisz, D. Nature communications 2023 / art. 4971 <https://doi.org/10.1038/s41467-023-40633-y>

High-throughput pipeline for polydisperse droplet analysis

Sanka, Immanuel; Bartkova, Simona; Pata, Pille; Smolander, Olli-Pekka; Scheler, Ott MicroTAS 2021 - 25th International Conference on Miniaturized Systems for Chemistry and Life Sciences 2021 / p. 563-564

https://microtas2021.org/program/MicroTAS2021_Program.pdf

HILIC-LC-MS method for determination of carbohydrates in various food matrices

Pismennõi, Dmitri; Kobrin, Eeva-Gerda; Kütt, Mary-Liis; **Vilu, Raivo** Book of abstracts : 10th International Symposium on Recent Advances in Food Analysis : September 6–9, 2022 : Prague, Czech Republic 2022 / p. 337
<https://www.rafa2022.eu/pdf/Book%20of%20Abstracts%20RAFA%202022.pdf>

Histone variant macroH2A1.1 Enhances nonhomologous end joining-dependent DNA double-strand-break repair and reprogramming efficiency of human iPSCs

Giallongo, Sebastiano; Řeháková, Daniela; Biagini, Tommaso; Lo Re, Oriana; Raina, Priyanka; Lochmanová, Gabriela; Zdráhal, Zbyněk; Resnick, Igor; **Pata, Pille; Pata, Illar;** Mistrik, Martin; De Magalhães, João Pedro; Mazza, Tommaso; Koutná, Irena; Vinciguerra, Manlio Stem Cells 2022 / p. 35 - 48 <https://doi.org/10.1093/stmcls/sxab004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Host-guest complexes of 2-aminocyclohexyl thioureas and zinc porphyrins: chiroptic properties and binding mechanism

Konrad, Nele; Menailava, Darya; **Osadchuk, Irina; Aav, Riina; Borovkov, Victor; Kananovich, Dzmitry** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 44 <http://fmdtk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Host-guest complexes with a chiral hemicucurbit[8]uril [Online resource]

Kaabel, Sandra; Paberits, Oliver; Topic, Filip; Rissanen, Kari; **Aav, Riina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmdtk.ut.ee/teesid/>

How do CD8+ T cells complete DNA replication in less than 4 hours?

Moiseeva, Tatiana The journal of immunology 2020 https://www.jimmunol.org/content/204/1_Supplement/230.22

How to balance the yield and protein content of air-classified pulse flour : the influence of the restriction valve

De Angelisa, Davide; Kaleda, Aleksei; Pasqualone, Antonella; **Vaikma, Helen;** Squeo, Giacomo; Caponio, Francesco; Summo, Carmine Chemical engineering transactions 2021 / p. 241-246 <https://doi.org/10.3303/CET2187041> [Journal metrics at Scopus](#) [Article at Scopus](#)

HPLC-MS as a tool for screening mechanochemical synthesis of macrocycles

Shalima, Tatsiana; Dalidovich, Tatsiana; Suut, Elina; Kananovich, Dzmitry; Aav, Riina GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 26 https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Hsa-mir-548 family expression in human reproductive tissues

Rooda, Ilmatar; Kaselt, Birgitta; Liivrand, Maria; Smolander, Olli-Pekka; Salumets, Andres; **Velthut-Meikas, Agne** BMC Genomic Data 2021 / Art. 40 <https://doi.org/10.1186/s12863-021-00997-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hull-less barley sourdough bread: composition of polysaccharides and technological characteristics

Reidzane, Sanita; Gramatina, Ilze; Galoburda, Ruta; Komasilovs, Vitalijs; Zacepins, Aleksejs; **Bljaghina, Anastassia;** Kince, Tatjana; **Traksmaa, Anna;** Klava, Dace 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 83
https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Human biomonitoring in the oil shale industry area in Estonia—overview of earlier programmes and future perspectives

Orru, Hans; **Viitak, Anu;** Herodes, Koit; Veber, Triin; Lukk, Märten Frontiers in public health 2020 / art. 582114, 8 p. : ill <https://doi.org/10.3389/fpubh.2020.582114> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Human peripheral blood eosinophils express high levels of the purinergic receptor P2X4

Paalme, Viuu; Rump, Airi; Mädo, Kati; Teras, Marina; Truumees, Birgit; Aitai, Helen; Ratas, Kristel; **Teras, Jüri; Rüütel Boudinot, Sirje** Frontiers in immunology 2019 / art. 2074, 15 p. : ill <https://doi.org/10.3389/fimmu.2019.02074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Human picornaviruses associated with neurological diseases and their neutralization by antibodies

Anastasina, Maria; Domanska, Aušra; **Palm, Kaia;** Butcher, Sarah Journal of general virology 2017 / p. 1145-1158 : ill <https://dx.doi.org/10.1099/jgv.0.000780>

Human tropomyosin-related kinase A and B : from transcript diversity to novel inhibitors = Inimese tropomüosiin-seoselised kinaasid A ja B : transkriptide mitmekesisusest uudsete inhibiitoriteni

Luberg, Kristi 2017 <https://digi.lib.ttu.ee/i/?7373>

Hüvasti, põlevkivi, tere tulemast, kukersiit!

Lopp, Margus postimees.ee 2024 / lk. 8 [Hüvasti, põlevkivi, tere tulemast, kukersiit!](https://dea.digar.ee/article/postimees/2024/04/20/10.3) <https://dea.digar.ee/article/postimees/2024/04/20/10.3>

A hybrid organic linker forms an efficient non-supported non-precious-metal-based metal–organic coordination network

porous material for oxygen reduction reaction

Ping, Kefeng; Bhadoria, Rohit; Kongi, Nadežda; Starkov, Pavel; Tammeveski, Kaido Abstracts of Papers of the American Chemical Society 2018 / abst. CATL 202 <https://www.acs.org/content/dam/acsorg/meetings/national-meetings/fall-2018/fall-2018-program-book.pdf>

Hydrolytic and dehydratase enzymes : chapter 9

Yu, S.; Parve, Jaan; Parve, Omar; Villo, Ly; Aav, Riina Applied biocatalysis: The chemist's enzyme toolbox 2020 / p. 333-361 <https://www.wiley.com/en-us/9781119487012>

Hydroxamic acids as PARP-1 inhibitors : molecular design and anticancer activity of novel phenanthridinones

Bondar, Denys; Bragina, Olga; Lee, Ji Young; Semenyuta, Ivan; Järving, Ivan; Brovarets, Volodymyr; Wipf, Peter; Bahar, Ivet; Karpichev, Yevgen Helvetica chimica acta 2023 / art. e202300133, 26 p. : ill <https://doi.org/10.1002/hlca.202300133>

Hydroxamic acids as potential antidotes for op poisoning

Bondar, Denys; Karpichev, Yevgen Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 10 | [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](https://www.gsfmt.org/abstracts/2022/)

Ice binding proteins from psychrophilic bacteria: characterization and applications in food

Luhila, Önnela; Laos, Katrin; Paalme, Toomas 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 15 https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Ice cream structure modification by ice-binding proteins

Kaleda, Aleksei; Tsenov, Robert; Klesment, Tiina; Vilu, Raivo; Laos, Katrin Food Chemistry 2018 / p. 164-171 <https://doi.org/10.1016/j.foodchem.2017.10.152> [Journal at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ice-binding proteins in psychrophilic bacteria – isolation, characterization, and applications in food

Luhila, Önnela; Paalme, Toomas; Laos, Katrin IBP 2022 2022 <https://docs.google.com/document/d/1XlsPAG9dVeX6luVaBMAM08F7Q50ktrdh/edit>

ICTV Virus Taxonomy Profile : Solemoviridae 2021

Sõmera, Merike; Fargette, Denis; Hebrard, Eugenie; Sarmiento Guerin, Maria Cecilia Journal of General Virology 2021 / art. 001707 <https://doi.org/10.1099/jgv.0.001707> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Idandatud terade mikrobioloogiliste ja keemiliste parameetrite kaardistamine

Traksmä, Anna; Šestopalova, Ksenia; Kallastu, Aili; Junusova, Marina; Rosend, Julia; Vilu, Raivo Terve loom ja tervislik toit : konverentsi "Terve loom ja tervislik toit 2021" artiklite kogumik 2021 / lk. 69-70 https://terveloomjatervisliktoit.ee/userfiles/tltt/tltt2021/Kogumik_TLTT2021.pdf

Identification and recombinant production of a flavonoid glucosyltransferase with broad substrate specificity from *Vaccinium corymbosum*

Kukk, Kaia Journal of plant biochemistry and biotechnology 2024 / 5 p <https://doi.org/10.1007/s13562-024-00876-2>

Identification of a novel member of 2H phosphoesterases, 2',5'-oligoadenylate degrading ribonuclease from the oyster *Crassostrea gigas*

Lopp, Annika; Reintamm, Tõnu; Kuusksalu, Anne; Olsper, Allan; Kelve, Merike Biochimie 2019 / p. 181–195 : ill <https://doi.org/10.1016/j.biochi.2018.09.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification of bitter off-taste compounds in sunflower press cake using sensomics approach

Huseynli, Lachinkhanim; Hald, Christoph; Dawid, Corinna; Vene, Kristel 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 128 https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Identification of two highly antigenic epitope markers predicting multiple sclerosis in optic neuritis patients

Sadam, Helle; Pihlak, Arno; Jaago, Mariliis; Pupina, Nadežda; Rähni, Annika; Toots, Maarja; Vaheri, Antti; Nieminen, Janne K.; Siuko, Mika; Tienari, Pentti J.; Palm, Kaia EBioMedicine 2021 / art. 103211, 8 p <https://doi.org/10.1016/j.ebiom.2021.103211> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification, characterization and expression profiles of *Fusarium udum* stress-responsive WRKY transcription factors in *Cajanus cajan* under the influence of NaCl stress and *Pseudomonas fluorescens* OKC

Kumar, Gagan; Bajpai, Raina; Sarkar, Ankita; Mishra, Raj Kumar; Gupta, Vijai Kumar; Singh, Harikesh B.; Sarma, Birinchi K. Scientific reports 2019 / art. 14344, 9 p. : ill <https://doi.org/10.1038/s41598-019-50696-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identifying the role of co-aggregation of Alzheimer's amyloid- β with amorphous protein aggregates of non-amyloid proteins

Wu, Jinming; Österlund, Nicklas; Wang, Hongzhi; Sternke-Hoffmann, R.; Pupart, Hegne; Ilag, Leopold L.; Gräslund, Astrid; Luo,

Jinghui Cell Reports Physical Science 2022 / art. 101028 <https://doi.org/10.1016/j.xcrp.2022.101028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Idufirmade konkursil osaleja: meie tehnoloogia aitaks vihmametsasid säästa

Pokk, Priit arileht.delfi.ee 2023 [Idufirmade konkursil osaleja: meie tehnoloogia aitaks vihmametsasid säästa](#)

Iga päev peotäie toidulisandite söömine kergendab kehakaalu asemel pigem kukrut

Mägi, Kristjan Ats; Pitsi, Tagli Eesti Päevaleht 2017 / lk. 17

Immune response to a conserved enteroviral epitope of the major capsid VP1 protein is associated with lower risk of cardiovascular disease

Pupina, Nadežda; Avarlaid, Annela; Sadam, Helle; Pihlak, Arno; Jaago, Mariliis; Tuvikene, Jürgen; Rähni, Annika; Planken, Anu; Planken, Margus; Kalso, Eija; Tienari, Pentti J.; Nieminen, Janne K.; Seppänen, Mikko R.J.; Vaheri, Antti; Lindholm, Dan; Sinisalo, Juha; Pussinen, Pirkko; Timmusk, Tõnis; Palm, Kaia eBioMedicine 2022 / art. 103835, 14 p. : ill <https://doi.org/10.1016/j.ebiom.2022.103835> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Immunodetection of Streptococcus uberis pathogen in raw milk

Mihklepp, Kaisa; Kivirand, Kairi; Juronen, Delia; Lõokene, Aivar; Rinken, Toonika Enzyme and microbial technology 2019 / art. 109360, 6 p. : ill <https://doi.org/10.1016/j.enzmictec.2019.109360> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Immunodominant antibody epitopes associated with the development of multiple sclerosis and type 1 narcolepsy – a next-generation phage-display analysis = Hulgiskleroosi ja tüüp-1 narkolepsiaga seotud immunodomeerivate epitoopide analüüs järgmise põlvkonna faagidisplei abil

Sadam, Helle 2022 <https://doi.org/10.23658/taltech.5/2022> <https://digikogu.taltech.ee/et/Item/29f5b94b-6e3d-4785-99e3-97c0cddcd194> https://www.ester.ee/record=b5491509*est

Impact of apple cultivar, ripening stage, fermentation type and yeaststrain on phenolic composition of apple ciders

Laaksonen, Oskar; Kuldjärv, Rain; Paalme, Toomas; Virkki, Mira; Yang, Baoru Food chemistry 2017 / p. 29-37 : ill <https://doi.org/10.1016/j.foodchem.2017.04.067>

Impact of enviromental factors on the dynamics of microbiota in sourdoughs

Lutter, Liis; Anderson, Helena; Sarand, Inga; Jõudu, Mi 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 39 https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstracs.pdf

Impact of Pichia kluyveri and Streptococcus thermophilus fermentation on milk flavour [Online resource]

Kollo, Kaia; Kõrge, Kristi Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

The impact of profile genesis and land use of histosol on its organic substance stability and humic acid quality at the molecular leve

Amaleviciute-Volunge, Kristina; Volungevicius, Jonas; Ceponkus, Justinas; Platakyte, Rasa; Mockeviciene, Ieva; Slepetiene, Alvyra; Lepane, Viia Sustainability 2023 / art. 5921, 22 p <https://doi.org/10.3390/su15075921>

Impact of short-term heat treatment on the structure and functional properties of carrageenans = Lühiajalise termilise töötamise mõju karrageenaanide struktuurile ja funktsionaalsetele omadustele

Eha, Kairit 2022 <https://doi.org/10.23658/taltech.22/2022> <https://digikogu.taltech.ee/et/Item/a1b25640-c11b-4e62-8226-85238d5352dc> https://www.ester.ee/record=b5502795*est

Impact of short-term heat treatment on the structure and functional properties of commercial furcellaran compared to commercial carrageenans

Eha, Kairit; Pehk, Tõnis; Heinmaa, Ivo; Kaleda, Aleksei; Laos, Katrin Heliyon 2021 / art. e06640 <https://doi.org/10.1016/j.heliyon.2021.e06640> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Implementing greening into design in analytical chemistry

Jurjeva, Jelena; Koel, Mihkel Talanta open 2022 / art. 100136, 7 p <https://doi.org/10.1016/j.talo.2022.100136> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Implications of plant growth promoting Klebsiella sp. CPSB4 and Enterobacter sp. CPSB49 in luxuriant growth of tomato plants under chromium stress

Gupta, Pratishtha; Kumar, Vipin; Usmani, Zeba; Rani, Rupa; Chandra, Avantika; Gupta, Vijai Kumar Chemosphere 2020 / Art. nr. 124944 <https://doi.org/10.1016/j.chemosphere.2019.124944> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Importance of molecular symmetry for enantiomeric excess recognition by NMR

Norvaiša, Karolis; O'Brien, John E.; **Osadchuk, Irina**; Twamley, Brendan; **Borovkov, Victor**; Senge, Mathias O. Chemical communications 2022 / p. 5423-5426 <https://doi.org/10.1039/D2CC01319C> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improved chromosome level genome assembly of the Glanville fritillary butterfly (*Melitaea cinxia*) based on SMRT Sequencing and linkage map

Blande, Daniel; **Smolander, Olli-Pekka**; Ahola, Virpi bioRxiv 2020 / 32 p <https://doi.org/10.1101/2020.11.03.364950>

Improved chromosome-level genome assembly of the Glanville fritillary butterfly (*Melitaea cinxia*) integrating Pacific Biosciences long reads and a high-density linkage map

Smolander, Olli-Pekka; Blande, Daniel; Ahola, Virpi; Rastas, Pasi; Tanskanen, Jaakko; Kammonen, Juhana I.; Oostra, Vicencio; Pellegrini, Lorenzo; Ikonen, Suvi; Dallas, Tad GigaScience 2022 / art. giab097 <https://doi.org/10.1093/gigascience/giab097> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improvement of biomass production by *Lactobacillus reuteri* using double-carbon source cultivation strategy

Selvamani, Shanmugaprakasham; Malek, Roslinda Abd; Ramli, Solleh; Dailin, Daniel Joe; **Gupta, Vijai Kumar**; Sukmawati, Dalia; El-Adawi, Hala I.; Leng, Ong Mei; El Enshasy, Hesham Ali The 2nd Science and Mathematics International Conference (SMIC 2020) : Transforming Research and Education of Science and Mathematics in the Digital Age 2021 / art. 168153 <https://doi.org/10.1063/5.0041975> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Improving abiotic stress tolerance of forage grasses - prospects of using genome editing

Sustek-Sanchez, Ferenz; Rognli, Odd Arne; Rostoks, Nils; **Sõmera, Merike**; Jaškune, Kristina; Kovi, Mallikarjuna Rao; Statkevičiūtė, Gražina; **Sarmiento Guerin, Maria Cecilia** Frontiers in plant science 2023 / art. 1127532 <https://doi.org/10.3389/fpls.2023.1127532>

Improving perennial ryegrass adaptability and resilience (EditGrass4Food) : [poster presentation]

Sarmiento Guerin, Maria Cecilia; Jaškune, K.; Rognli, O.A.; Rostoks, N. 2nd PlantEd conference : Plant genome editing - the wide range of applications : 20-22 Sept 2021, Lecce, Italy : book of abstracts 2021 / p. 74 <https://doi.org/10.48257/ACLE-001>

In memoriam Ülo Lille 1931-2023

Lopp, Margus Oil shale 2023 / p. 87-88 : photo <https://doi.org/10.3176/oil.2023.1.05> https://artiklid.elnet.ee/record=b2903605*est

In situ determination of illegal drugs in oral fluid by portable capillary electrophoresis with deep UV excited fluorescence detection

Saar-Reismaa, Piret; Erme, Enn; **Vaher, Merike**; Kulp, Maria; Kaljurand, Mihkel; Mazina-Šinkar, Jekaterina Analytical chemistry 2018 / p. 6253-6258 : ill <https://doi.org/10.1021/acs.analchem.8b00911> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Individual differences in sensitivity to bitterness focusing on oat and pea preparations

Vaikma, Helen; Metsoja, Grete; Bljaghina, Anastassia; Rosenvald, Sirli Future foods 2022 / art. 100206 <https://doi.org/10.1016/j.fufo.2022.100206> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Indooli derivaatide enantioselektiivne N-alküleerimine

Trubitsõn, Dmitri; Kudrjašova, Marina; Kanger, Tõnis XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 42 : ill https://www.ester.ee/record=b5208044*est

Induced circular dichroism in zinc porphyrin complexes

Osadchuk, Irina; Aav, Riina; Clot, Eric 1st International Conference on Noncovalent Interactions (ICNI 2019), 2-6 September, 2019 : program 2019 / poster 31, p. 34 https://icni2019.eventos.chemistry.pt/images/conference_program.pdf

Induction of resistance mechanisms in *Rhodotorula toruloides* for growth in sugarcane hydrolysate with high inhibitor content

Santos Lopes, Helberth Júnior; **Bonturi, Nemailla**; Miranda, Everson Alves Applied Microbial and Cell Physiology 2021 / p. 9261-9272 <https://doi.org/10.1007/s00253-021-11687-z>

Inferring structural variant cancer cell fraction

Cmero, Marek; Yuan, Ke; Ong, Cheng Soon; Schröder, Jan; Adams, David J.; Anur, Pavana; Beroukhim, Rameen; Boutros, Paul C.; Bowtell, David D. L.; **Uusküla-Reimand, Liis** Nature Communications 2020 / Art. nr. 730 <https://doi.org/10.1038/s41467-020-14351-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of gemcitabine chemotherapy on the microbiota of pancreatic cancer xenografted mice

Panebianco, Concetta; **Adamberg, Kaarel**; Jaagura, Madis; **Adamberg, Signe**; Kolk, Kaia; Vilu, Raivo; Andriulli, Angelo; Pazienza, Valerio Cancer chemotherapy and pharmacology 2018 / p. 773-782 : ill <https://doi.org/10.1007/s00280-018-3549-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The influence of organic solvents on phenylethylamines in capillary zone electrophoresis

Bolkvadze, Vyacheslav; Bondar, Denys; Vaher, Merike; Halling, Evelin; Gorbatšova, Jelena; Mazina-Šinkar, Jekaterina
Journal of chromatography A 2022 / art. 463169, 9 p. : ill <https://doi.org/10.1016/j.chroma.2022.463169> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of temperature on the performance of Nafion coated RuO₂ based pH electrodes

Uppuluri, Kiranmai; **Lazouskaya, Maryna**; Szwagierczak, Dorota; Zaraska, Krzysztof 2021 IEEE International Conference on Flexible and Printable Sensors and Systems (FLEPS), Manchester, United Kingdom 2021 / 4 p
<https://doi.org/10.1109/FLEPS51544.2021.9469758>

Inhibition of platelet activation using vitamins

Kobzar, Gennadi Platelets 2020 / p. 157-166 <https://doi.org/10.1080/09537104.2019.1652262> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Inhibition of pyruvate dehydrogenase kinase influence microbiota and metabolomic profile in pancreatic cancer xenograft mice

Adamberg, Kaarel; Vilu, Raivo; Pazienza, Valerio BMC Research Notes 2020 / art. 540 <https://doi.org/10.1186/s13104-020-05384-9>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Innovatsioon kui teaduslik mõttesport

Parve, Omar Sirp 2017 / lk. 22-23 : ill <http://www.sirp.ee/s1-artiklid/c21-teadus/innovatsioon-kui-teaduslik-mottesport/>

An insight on type I collagen from horse tendon for the manufacture of implantable devices

Salvatore, Luca; Gallo, Nunzia; Aiello, Antonella; Lunetti, Paola; Hasan, Mohammed; **Borovkov, Victor** International journal of biological macromolecules 2020 / p. 291-306 <https://doi.org/10.1016/j.ijbiomac.2020.03.082>

Insights on engineered microbes in sustainable agriculture : biotechnological developments and future prospects

Sudheer, Surya; Bai, Renu Geetha; **Usmani, Zeba**; Sharma, Minaxi Current Genomics 2020 / p. 321-333
<https://doi.org/10.2174/1389202921999200603165934> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In-situ thermal performance monitoring of Pharma 4.0 Flow Bioreactors

Hegedus, Kristof; Hantos, Gusztav; **Pardy, Tamas**; Ender, Ferenc 2020 26th International Workshop on Thermal Investigations of ICs and Systems (THERMINIC) 2020 / 4 p. : ill <https://doi.org/10.1109/THERMINIC49743.2020.9420529>

Instability of low-moisture carrageenans as affected by water vapor sorption at moderate storage temperatures

Friedenthal, Margus; **Eha, Kairit**; Kaleda, Aleksei; Part, Natalja; **Laos, Katrin** SN Applied Sciences 2020 / art. 243, 6 p. : ill
<https://doi.org/10.1007/s42452-020-2032-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Instability of low-moisture carrageenans as affected by water vapor sorption at moderate storage temperatures : [conference paper]

Friedenthal, Margus; **Eha, Kairit**; Kaleda, Aleksei; Part, Natalja; **Laos, Katrin** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 116
https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacts.pdf

Integrated transcriptomic, proteomic, and metabolomics analysis reveals peel ripening of harvested banana under natural condition

Yun, Ze; Li, Taotao; Gao, Huijun; Zhu, Hong; **Gupta, Vijai Kumar**; Jiang, Yueming; Duan, Xuewu Biomolecules 2019 / Art. nr. 167
<https://doi.org/10.3390/biom9050167> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrative pathway enrichment analysis of multivariate omics data

Paczowska, Marta; Barenboim, Jonathan; Sintupisut, Nardnisa; Fox, Natalie S.; Zhu, Helen; Abd-Rabbo, Diala; Mee, Miles W.; Boutros, Paul C.; Abascal, Federico; **Uusküla-Reimand, Liis** Nature Communications 2020 / Art. nr. 735
<https://doi.org/10.1038/s41467-019-13983-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The intellectual disability and schizophrenia associated transcription factor TCF4 is regulated by neuronal activity and protein kinase A

Sepp, Mari; Vihma, Hanna; Nurm, Kaja; Urb, Mari; Page, Stephanie Cerceo; **Roots, Kaisa; Hark, Anu**; Maher, Brady J.; **Pruunsild, Priit; Timmusk, Tõnis** Journal of neuroscience 2017 / p. 10516-10527 : ill <https://doi.org/10.1523/JNEUROSCI.1151-17.2017>

Interactions of medical drugs with DNA nucleobases and base pairs

Tamm, Toomas; Öztürk, Isilay; Kinal, Armagan ICQC 2023 : International Congress of Quantum Chemistry : Book of Abstracts 2023 / art. PC112/503 <https://icqc2023.org/wp-content/uploads/BOA-27-6-v1.pdf>

Interactome rewiring following pharmacological targeting of BET bromodomains

Lambert, Jean-Philippe; Picaud, Sarah; Fujisawa, Takao; **Uusküla-Reimand, Liis** Molecular cell 2019 / p. 621-638.e17 : ill
<https://doi.org/10.1016/j.molcel.2018.11.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Intercellular signalling in the human pre-ovulatory follicle : microRNA expression in granulosa cells and detection in the follicular fluid = Rakkudevaheline kommunikatsioon inimese munasarja preovulatoorses folliikulis : mikroRNA-de ekspressioon granuloosrakkudes ja follikulaarvedelikus

Rooda, Ilmatar 2021 https://www.ester.ee/record=b5470472*est <https://digikogu.taltech.ee/et/Item/d09b2c05-d078-4135-8883-450d9ff3215e>
<https://doi.org/10.23658/taltech.56/2021>

International multicenter experience of isolated limb infusion for in-transit melanoma metastases in octogenarian and nonagenarian patients

Teras, Jüri; Kroon, Hidde M.; Miura, John T.; Kenyon-Smith, Tim; Beasley, Georgia M. Annals of surgical oncology 2020 / p. 1420-1429 <https://doi.org/10.1245/s10434-020-08312-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Interplay between creatine kinase and adenylate kinase networks in health and disease = Kreatiinkinaasi ja adenülaatkinaasi energiaülekande võrgustike vaheline koosmõju normis ja patoloogias

Klepinin, Aleksandr 2018 <https://digi.lib.ttu.ee/i/?9963>

Intrastrially infused exogenous CDNF is endocytosed and retrogradely transported to substantia nigra

Mätlik, Kert; Vihinen, Helena; Bienemann, Ali; Palgi, Jaan; Arumäe, Urmas eNeuro 2017 / art. e0128-16.2017, p. 1-15 : ill <http://dx.doi.org/10.1523/ENEURO.0128-16.2017>

Intronic enhancer region governs transcript-specific Bdnf expression in rodent neurons

Tuvikene, Jürgen; Esvald, Eli-Eelika; Rähni, Annika; Uustalu, Kaie; Zhuravskaya, Anna; Avarlaid, Annela; Makeyev, Eugene V.; Timmusk, Tõnis eLife 2021 / art. e65161 <https://doi.org/10.7554/eLife.65161> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigating the RNA silencing suppressor AtRLI2 of Arabidopsis thaliana

Gerassimenko, Jelena; Nigul, Lenne; Truve, Erkki; Sarmiento Guerin, Maria Cecilia RNAi: the future of crosstalk: focus on RNAi Technology (WG1) and Applications (WG2): iPLANTA COST Action CA15223 : book of abstract 2018 / p. 59 <http://iplanta.univpm.it/sites/iplanta.univpm.it/files/POZNAN/2nd%20iPLANTA%20conference%20Poznan%202018%20Book%20of%20abstract.pdf>

Investigation of different free image analysis software for high-throughput droplet detection

Sanka, Immanuel; Bartkova, Simona; Pata, Pille; Smolander, Olli-Pekka; Scheler, Ott ACS omega 2021 / p. 22625-22634 : ill <https://doi.org/10.1021/acsomega.1c02664> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ionic liquid based pretreatment of lignocellulosic biomass for enhanced bioconversion

Usmani, Zeba; Sharma, Minaxi; Gupta, Pratishtha; Karpichev, Yevgen; Gathergood, Nicholas; Bhat, Rajeev; Gupta, Vijai Kumar Bioresource technology 2020 / art. 123003, 13 p <https://doi.org/10.1016/j.biortech.2020.123003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Is age just a number? Exploring the impact of ageism and discrimination faced by immigrant, refugee, and asylum-seeking doctors and medical students

Khalid, Sadia The European Sting 2023 [Is age just a number? Exploring the impact of ageism and discrimination faced by immigrant, refugee, and asylum-seeking doctors and medical students](#)

Ise vaaritatud marjamoos hellitab tervist

Kivipõld, Karin; Adamberg, Signe; Adamberg, Kaarel Postimees 2017 / lk. 26-27

Isoform-specific reduction of the basic helix-Loop-helix transcription factor TCF4 levels in Huntington's disease

Nurm, Kaja; Sepp, Mari; Castany-Pladevall, Carla; Creus-Muncunill, Jordi; Tuvikene, Jürgen; Sirp, Alex; Vihma, Hanna; Blake, Derek J.; Perez-Navarro, Esther; Timmusk, Tõnis eNeuro 2021 / 53 p. : ill <https://doi.org/10.1523/ENEURO.0197-21.2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Isolated Potato Virus A coat protein possesses unusual properties and forms different short virus-like particles

Ksenofontov, Alexander L.; Dobrov, Eugeny N.; Fedorova, Natalia V.; Paalme, Viuu; Järvekülg, Lilian Journal of biomolecular structure and dynamics 2017 / p. 1-11 : ill <https://doi.org/10.1080/07391102.2017.1333457> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Isolation of cyclohexanohemicucurbit[10-12]urils - success and difficulties in their analysis

Kamini, Mihsra; Kaabel, Sandra; Adamson, Jasper; Fomitšenko, Maria; Öeren, Mario; Aav, Riina GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 62 : ill <http://fmt.dk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Isosorbide-based polymers as alternatives to conventional plastics

Matt, Livia; Laanesoo, Siim; Bonjour, Olivier; Parve, Jaan; Parve, Omar; Pehk, Tõnis; Pham, Thanh Huong; Liblikas, Ilme; Jannasch, Patric; Vares, Lauri Abstract from Baltic Polymer Symposium 2022, Tallinn, Estonia 2022 <https://taltech.ee/en/BPS2022>

Isothermal microcalorimetry as an innovative in vitro approach for assessing the effect of food fibres on human gut microbiome

Part, Natalja; Viiard, Ene; **Jaagura, Madis; Adamberg, Signe; Adamberg, Kaarel** 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis, 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts 2019 / p. 221 <http://www.ceec-tac.org/download.php?f=../download/BoA%20CEEC-TAC5%20Medicta2019.pdf>

Jarek Kurnitski : teadus peab toetama läbimurret kodude ja töökohtade täisrenoveerimisel

Kurnitski, Jarek; Aav, Riina rohe.geenius.ee 2024 [Jarek Kurnitski: teadus peab toetama läbimurret kodude ja töökohtade täisrenoveerimisel](#)

„Järjekord on ukse taga.“ Suurte plaanidega idufirma on juba lõõnud käed soomlaste Valio ja ameeriklaste Kraft Heinziga Liiva, Siiri [„Järjekord on ukse taga.“ Suurte plaanidega idufirma on juba lõõnud käed soomlaste Valio ja ameeriklaste Kraft Heinziga](#) 2023

Jätkusuutlik toidulaud : [noorteadlaste konkursi Teadus kolme minutiga ettekanne]

Karu, Kättrin Teadus kolme minutiga : 2017-2019 2019 / lk. 64-67 : fot https://www.ester.ee/record=b5245642*est

Kaasaskantav narkotester võimaldab tuvastada joovet senisest täpsemalt

Oidermaa, Jaan-Juhan novaator.err.ee 2023 [Kaasaskantav narkotester võimaldab tuvastada joovet senisest täpsemalt](#)

Kaevandamisala kujundamine virgestuseks [Võrguteavik]

Kalberg, Heiki; **Rammul, Üllar; Reinsalu, Enno** Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 305-314 : fot http://www.ester.ee/record=b4764891*est <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/ii/?9461>

2023. aasta inimesegeneetikas

Org, Tõnis; **Velthut-Meikas, Agne;** Rebane, Ana; Laisk, Triin Eesti Arst 2024 / lk. 116-117 <https://ojs.utlib.ee/index.php/EA/article/view/23844>

Kaisa Orgusaar: kes maksab kinni meie kõrghariduse? [Võrguväljaanne]

Orgusaar, Kaisa 2022 [Orgusaar: kes maksab kinni meie kõrghariduse?](#)

Karjääride kasutamine sündmuste korraldamiseks [Võrguteavik]

Rammul, Üllar Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 314-315 http://www.ester.ee/record=b4764891*est <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/ii/?9461>

Karjääride korrastamine riigikaitse otstarbeks [Võrguteavik]

Rammul, Üllar; Moora, Kristjan; Kalberg, Heiki Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 322-328 : fot http://www.ester.ee/record=b4764891*est <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/ii/?9461>

Karjääride looduse ja tööstuspärandi tutvustamine, karjääride kasutamine õppetöös [Võrguteavik]

Rammul, Üllar; Keerberg, Liis Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 315-322 : fot http://www.ester.ee/record=b4764891*est <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/ii/?9461>

Kas kliimasoojenemise vähendamine ja põlevkivi väärimine on ühildatavad? [Võrguväljaanne]

Lopp, Margus Konverents "Kliimanetraalsus – häving või edu?" 2019 / 17 | [Kas kliimasoojenemise vähendamine ja põlevkivi väärimine on ühildatavad? Kliimanetraalsus – häving või edu? Süsinikuneutraalne majandus nõuab uusi tehnoloogiasid paljudes valdkondades](#)

Kas minu jõulusöök on liiga rammus? Vaata kaloritabelit

Adamberg, Signe; Adamberg, Kaarel postimees.ee 2022 / Lk. 21 [Kas minu jõulusöök on liiga rammus? Vaata kaloritabelit](#) <https://dea.digar.ee/article/postimees/2022/12/23/20.2>

Kas vajame toiduvärve?

Adamberg, Kaarel Eesti Loodus 2023 / lk. 18-20 : fot http://www.ester.ee/record=b1072059*est

Katre Juganson. Nanomaterjalid - kas uus oht? Intervjuu : Katre Juganson

Juganson, Katre Teadus kolme minutiga : 2015-2016 2017 / lk. [120]-127 http://www.ester.ee/record=b4654069*est

Katrin Laos: toiduteaduse kõige põnevamad arengud on ringmajanduses

Laos, Katrin Mente et Manu 2022 / lk. 12-17 : fot https://www.ester.ee/record=b1242496*est

Keemia ja molekulaarbioloogia valdkonna aastapreemia tööde tsükli "Neuraalse aktiivsusega reguleeritud geeniekspressiooni mehhanismid" eest : Tõnis Timmusk. Neuraalse aktiivsusega reguleeritud geeniekspressiooni mehhanismid

Timmusk, Tõnis Eesti Vabariigi preemiad 2020 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus 2020 / lk. 74-90 : ill., portr https://www.ester.ee/record=b1226072*est

Keemikud: uus ja kallid teadusaparatuurid ei ole alati tarvilik, saab ka säästlikumalt [Võrguväljaanne]

novaator.err.ee 2019 / fot [Keemikud: uus ja kallid teadusaparatuurid ei ole alati tarvilik, saab ka säästlikumalt](#)

Keemiliste nanoninade tulek

Aav, Riina Horisont 2020 / lk. 20-25 : fot https://www.ester.ee/record=b1072243*est

Kemofobia - ülearune paanika või põhjendatud hirm

Kinnunen, Katariina Studioosus 2021 / lk. 34-35 : fot https://www.ester.ee/record=b1558644*est

Kerogeeni oksüdatiivne lahustamine vees

Niidu, Allan; Kaldas, Kristiina; Grenman, H.; Eränen, K.; Preegel, Gert; Salmi, T.; Lopp, Margus XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 31 : ill https://www.ester.ee/record=b1580289*est

Kerogen OÜ hakkab põlevkivist õuna ja pirni järele lõhnavat vedelikku pigistama

Lopp, Margus Sirp 2017 / lk. 29-30 : portr <http://www.sirp.ee/s1-artiklid/c21-teadus/kerogen-ou-hakkab-polevkivist-ouna-ja-pirni-jarele-lohnavat-vedelikku-pigistama/>

Kinetic modeling of catalyst deactivation for light gas catalytic cracking in the presence of steam

Barghi, Bijan; Niidu, Allan GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 30 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Kogu tõde seedimisest. Tulevik on juba käes ehk kuula, miks on meile peagi vaja fekaalidoonoreid? : Oma Maitse podcasti Toidujutud

Kirikal, Siiri; Teder, Teele omamaitse.delfi.ee 2023 [Kogu tõde seedimisest](#)

Kokkuvõte = Резюме = Summary

Adamberg, Signe Mina, superorganism : lugu bakterite ja inimese kooslust : näituse kataloog = Я, суперорганизм! : история о сожительстве бактерии и человека : каталог выставки = Me, superorganism! : tale about the untold story of bacteria : exhibition catalogue 2019 / lk. 83 https://www.ester.ee/record=b5255688*est

Kommentaar raportile „Genome Editing for Crop Improvement“ (Genoomi täppismuutmine põllukultuuri parendamiseks). ALLEA Symposium Report. October 2020

Sarmiento Guerín, Maria Cecilia Eesti Teaduste Akadeemia veebileht 2020 / 1 lk <https://www.akadeemia.ee/wp-content/uploads/2020/12/kommentaar-final.pdf>

Kooli- ja lasteaialastele söödetakse kana asemel cana

Õhtuleht 2023 / Lk. 4-5 <https://dea.digar.ee/article/ohutuleht/2023/10/26/3.15>

Koroonast iga kandi pealt

Rüütel Boudinot, Sirje Eesti Naine 2021 / lk. 67-71 : fot https://www.ester.ee/record=b1072072*est <https://eestinaine.delfi.ee/artikkel/92535495/strong-koroonast-iga-kandi-pealt-strong>

Koroonatestideks kogutud materjalis leidub väärt infot ka teiste haigustekitajate kohta [Võrguväljaanne]

Ojamets, Indrek novaator.err.ee 2020 / fot [Koroonatestideks kogutud materjalis leidub väärt infot ka teiste haigustekitajate kohta](#)

Kriisiaeg panustas kehakaalu tõusu

Raamets, Heli Maaleht 2020 / lk. 21 : ill <https://maaleht.delfi.ee/uudised/kriisiaeg-ja-kehakaal-rannahooaeg-tuleb-sel-aastal-vatsade-vabisedes?id=89904431> https://www.ester.ee/record=b1072541*est

Kui suure osa toidu maitsest moodustavad lõhnad? [Võrguväljaanne]

Vene, Kristel forte.delfi.ee 2022 ["KUULA SAADET | Kui suure osa toidu maitsest moodustavad lõhnad?"](#)

Kuida elab Eesti teadus?

Palumaa, Peep Sirp 2020 / lk. 36-37 : ill <https://www.sirp.ee/s1-artiklid/c21-teadus/kuidas-elab-eesti-teadus/>

Kuidas toita väikese keskkonnajalajäljega 9 miljardit suud?

Käärt, Ulvar postimees.ee 2023 [Kuidas toita väikese keskkonnajalajäljega 9 miljardit suud?](#)

Kuidas toita väikese keskkonnajalajäljega üheksa miljardit suud?

Vene, Kristel Horisont 2023 / lk. 18-22 : fot https://www.ester.ee/record=b1072243*est

Kuidas õpetada Prantsusmaa ajalugu ja rohelist keemiat

Parve, Omar Õpetajate Leht 2017 / lk. 13

Kummutame viis levinud toidumüüti

Pitsi, Tagli Tervis Pluss 2024 / lk. 67-67 : fot https://www.ester.ee/record=b1453514*est

Kuperjanovi pataljoni ajateenijate toitumine ja selle mõju nende tervisenäitajatele

Adamberg, Signe; Pitsi, Tagli; Vene, Kristel; Adamberg, Kaarel Sõjateadlane = Estonian journal of military studies 2023 / lk. 147-173 : ill [Kuperjanovi pataljoni ajateenijate toitumine ja selle mõju nende tervisenäitajatele https://www.ester.ee/record=b4555087*est](https://www.ester.ee/record=b4555087*est)

Kuus aastat unetuid öid, verd, higi ja pisaraid : TalTechi teadlased on leidnud viisi, kuidas toota saepurust toitu
geenius.ee 2023 [Kuus aastat unetuid öid, verd, higi ja pisaraid: TalTechi teadlased on leidnud viisi, kuidas toota saepurust toitu](#)

Kõhubakterite kuningriik - tervise tagala

Adamberg, Kaarel Postimees 2021 / Lk. 2 https://www.ester.ee/record=b1072778*est

Kõhutervise audit. Häid kõhubaktereid toKuidas toetada oma teist aju ehk mikrobioomi? Millega toita häid kõhubaktereid?

Adamberg, Kaarel tervispluss.delfi.ee 2024 [Kõhutervise audit. Häid kõhubaktereid toKuidas toetada oma teist aju ehk mikrobioomi? Millega toita häid kõhubaktereid?](#)

Labor, kus põlevkivist pigistatakse välja väärt molekule

Käärt, Ulvar Horisont 2018 / lk. 38-40 : fot https://www.ester.ee/record=b1072243*est <http://www.horisont.ee/arhiiv-2018/Horisont-2-2018.pdf>

Labster: platvorm, mis annab võimaluse teha vigu ohutult ning saada praktiline kogemus

digi.geenius.ee 2023 [Labster: platvorm, mis annab võimaluse teha vigu ohutult ning saada praktiline kogemus](#)

Land use change : a key ecological disturbance declines soil microbial biomass in dry tropical uplands

Tiwari, Shashank; Singh, Chhatrapal; Boudh, Siddharth; Rai, Pradeep Kumar; Gupta, Vijai Kumar; Singh, Jay Shankar Journal of environmental management 2019 / 10 p. : ill <https://doi.org/10.1016/j.jenvman.2019.04.052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The landscape of viral associations in human cancers

Zapatka, Marc; Borozan, Ivan; Brewer, Daniel S.; Iskar, Murat; Grundhoff, Adam; Alawi, Malik; Desai, Nikita; Sülthmann, Holger; Moch, Holger; Cooper, Colin S.; Uusküla-Reimand, Liis Nature Genetics 2020 / p. 320 - 330 <https://doi.org/10.1038/s41588-019-0558-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Large azobenzene acrocycles : formation and detection by NMR and MS methods

Roithmeyer, Helena; Uudsemaa, Merle; Trummal, Aleksander; Brük, Mari-Liis; Krämer, Sebastian; Reile, Indrek; Rjabovs, Vitalijs; Palmi, Kirsti; Rammo, Matt; Aav, Riina; Kalenius, Elina; Adamson, Jasper Supramolecular Chemistry 2022 / p. 77-86 <https://doi.org/10.1080/10610278.2023.2230334> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Large chiral cyclohexanohemicurbit[n]urils [Online resource]

Mishra, Kamini Atindrakumar; Kaabel, Sandra; Paberits, Oliver; Fomitšenko, Maria; Aav, Riina Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmtdk.ut.ee/teesid/>

Lassie 80! : Raamat ja filmid on ka Eesti kasvatajaid inspireerinud: „Nii nutikas kolli ikka ei ole, et ostad kutsika ja juba ta viibki lapsed kooli ja toob koju.“

Piip, Helina ohtuleht.ee 2023 [Lassie 80! : Raamat ja filmid on ka Eesti kasvatajaid inspireerinud: „Nii nutikas kolli ikka ei ole, et ostad kutsika ja juba ta viibki lapsed kooli ja toob koju.“](#)

Laste söömisharjumuste kujundamine

Pitsi, Tagli Õpetajate Leht 2022 / Lk. 11 <https://dea.digar.ee/article/opetajateleht/2022/09/02/7.7> https://www.ester.ee/record=b1072753*est

Laste toiduteadlikkuse ja söömisharjumuste kujundamine : õpetajaraamat lasteaedadele

Varava, Liana; Pitsi, Tagli; Magerramov, Maili; Arund, Aita 2020 https://www.ester.ee/record=b5375091*est

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>

Leevi Mölder 90

Siirde, Andres Oil shale 2024 / p. 71-73 : portr <https://doi.org/10.3176/oil.2024.1.04> https://artiklid.elnet.ee/record=b2909523*est

Leptin increases hepatic triglyceride export via a vagal mechanism in humans

Metz, Matthäus; Beghini, Marianna; Wolf, Peter; Pflieger, Lorenz; Hackl, Martina; Bastian, Magdalena; Freudenthaler, Angelika; Harreiter, Jürgen; Risti, Robert; Löökene, Aivar Cell Metabolism 2022 / p. 1719-1731 <https://doi.org/10.1016/j.cmet.2022.09.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lignocellulosic biomass (LCB) : a potential alternative biorefinery feedstock for polyhydroxyalkanoates production
Al-Battashi, Huda Sultan; Annamalai, Neelamegam; Sivakumar, Nallusamy; **Gupta, Vijai Kumar** Reviews in Environmental Science and Biotechnology 2019 / p. 183–205 : ill <https://doi.org/10.1007/s11157-018-09488-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lignocellulosic biorefineries : the current state of challenges and strategies for efficient commercialization
Usmani, Zeba; Sharma, Minaxi; Awasthi, Abhishek Kumar; **Lukk, Tiit**; Tuohy, Maria G.; Gong, Liang; Nguyen-Tri, Phuong; Goddard, Alan D.; Bill, Roslyn M.; Nayak, S. Chandra; Gupta, Vijai Kumar Renewable and sustainable energy reviews 2021 / art. 111258, 14 p. : ill <https://doi.org/10.1016/j.rser.2021.111258> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Liiva- ja kruusakarjäärde bioloogiline korrastamine [Võrguteavik]
Keerberg, Liis; **Rammul, Üllar**; Timm, Uudo Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 228-253 : fot http://www.ester.ee/record=b4764891*est <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/i/?9461>

Linearization of moment tensor potentials
Lomaka, Andre; Tamm, Toomas 10th Congress of the International Society of Theoretical Chemical Physics, Tromsø, 11-17 July 2019 : ISTCP-X : book of abstracts 2019 / Poster: P1-61 <http://istcp-2019.org/assets/pdf/BookOfAbstracts.pdf>

Linearization of moment tensor potentials for multicomponent systems with a preliminary assessment for short-range interaction energy in water dimer and trimer
Lomaka, Andre; Tamm, Toomas The Journal of chemical physics 2020 / art. 164115, 8 p. : ill <https://doi.org/10.1063/5.0007473> [Journal metrics at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lipidomic profile of rhodotorula toruloides by GC/MS and antioxidant capacity of the oil by DPPH and TLC-plate methods
Santos, Alberdan S.; Salgado, Hugo L. C.; **Bonturi, Nemailla**; de Mello, Ricardo F. A.; da Conceição, Laiza de K. M.; Miranda, Everson Alves South African journal of chemistry 2021 / p. 162-167 http://www.scielo.org.za/scielo.php?script=sci_arttext&pid=S0379-43502021000100021 {=en

Lipoic acid ameliorates consequences of copper overload by upregulating selenoproteins and decreasing redox misbalance : poster presentations
Kabin, Ekaterina; Dong, Yixuan; Summers, Kelly; Yang, Haojun; Dev, Som; Wang, Yu; Devenney, Benjamin; Roy, Shubhrajit; **Palumaa, Peep**; Lutsenko, Svetlana Acta physiologica 2023 / art. e14044 <https://doi.org/10.1111/apha.14044>

Lipopolysaccharide-induced priming enhances NO-mediated activation of defense responses in pearl millet challenged with Sclerospora graminicola
Lavanya, S.N.; Udayashankar, A.C.; Raj, S. Niranjana; Mohan, Chakrabhavi Dhananjaya; **Gupta, Vijai Kumar**; Tarasatyavati, C.; Srivastava, R.; Nayaka, S. Chandra 3 Biotech 2018 / Art. nr. 475 <https://doi.org/10.1007/s13205-018-1501-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lipoprotein lipase activity and interactions studied in human plasma by isothermal titration calorimetry
Reimund, Mart; Kovrov, Oleg; Olivecrona, Gunilla; **Löökene, Aivar** Journal of lipid research 2017 / p. 279-288 : ill <https://doi.org/10.1194/jlr.D071787>

Lipoprotein lipase activity does not differ in the serum environment of vegans and omnivores
Seeba, Natjan-Naatan; Risti, Robert; Löökene, Aivar Nutrients 2023 / art. 2755 <https://doi.org/10.3390/nu15122755>

Lisatavaid suhkruid peaks olema vähe
Pitsi, Tagli Äripäev 2017 / lk. 21

Lithium ions display weak interaction with amyloid-beta (Aβ) peptides and have minor effects on their aggregation
Berntsson, Elina; Paul, Suman; Vosough, Faraz; Sholts, Sabrina B.; Jarvet, Jüri; Roos, Per M.; Barth, Andreas; Gräslund, Astrid; Wärmländer, Sebastian K. T. S. Acta biochimica Polonica 2021 / p. 169-179 https://doi.org/10.18388/abp.2020_5493 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Locally translated mTOR controls axonal local translation in nerve injury
Terenzio, Marco; Koley, Sandip; Samra, Nitzan; **Koppel, Indrek** Science 2018 / p. 1416-1421 : ill <http://dx.doi.org/10.1126/science.aan1053>

Looduslik toidulisand võib aidata Alzheimeri tõve ennetada = Эстонские ученые исследуют новый способ борьбы с болезнью Альцгеймера
Kirss, Sigrid novaator.err.ee 2024 [Looduslik toidulisand võib aidata Alzheimeri tõve ennetada](#) [Эстонские ученые исследуют новый способ борьбы с болезнью Альцгеймера](#)

Low-carbohydrate high-fat weight reduction diet induces changes in human gut microbiota
Jaagura, Madis; Viirard, Ene; Karu-Lavits, Kärtin; **Adamberg, Kaarel** MicrobiologyOpen 2021 / art. e1194 <https://doi.org/10.1002/mbo3.1194> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lugeja küsib: mida süüa, et matkapäev vastu pidada?

Adamberg, Kaarel; Adamberg, Signe novaator.err.ee 2023 [Lugeja küsib: mida süüa, et matkapäev vastu pidada?](#)

Lugeja küsib: miks tindikala lõhnab nagu värskel kurk?

Merivoo-Parro, Maarja novaator.err.ee 2023 [Lugeja küsib: miks tindikala lõhnab nagu värskel kurk?](#)

Lõhn ütleb, milline paar jääb kokku

Vene, Kristel Tervis Pluss 2021 / lk. 22-24 : fot https://www.ester.ee/record=b1453514*est <https://tervispluss.delfi.ee/artikkel/93824201/lohn-utleb-milline-paar-jaab-kokku>

Lõhnamaailma ekspert

Vene, Kristel Sirp 2021 / lk. 24-26 : ill, portr <https://sirp.ee/s1-artiklid/c21-teadus/lohnamaailma-ekspert/>

Läbipõdenute COVID-i tõend peaks kehtima vähemalt 12 kuud

Rüütel Boudinot, Sirje; Aab, Alar; Saarma, Kaari epl.delfi.ee 2021 / Lk. 2-3 ["Läbipõdenute COVID-i tõend peaks kehtima vähemalt 12 kuud"](#)

Maasikas leiduvat rauda tallele panna ei saa [Võrguväljaanne]

Merivoo-Parro, Maarja; Pitsi, Tagli novaator.err.ee 2020 / audio [Maasikas leiduvat rauda tallele panna ei saa](#)

Machine learning pattern recognition and differential network analysis of gastric microbiome in the presence of proton pump inhibitor treatment or Helicobacter pylori infection [Online resource]

Ciucci, Sara; Duran, Claudio; Palladini, Alessandra; Spuul, Pirjo bioRxiv 2020 / 70 p. : ill <https://doi.org/10.1101/2020.03.24.005587>

Magneesium on eluliselt vajalik: need on parimad allikad, kust seda olulist ainet saada

Pitsi, Tagli ohtuleht.ee 2023 [MAGNEESIUM ON ELULISELT VAJALIK: need on parimad allikad, kust seda olulist ainet saada](#)

Magnetic nanomaterials synthesis and functionalization for biomedical applications = Magnetiliste nanomaterjalide süntees ja funktsionaliseerimine biomeditsiiniliste rakenduste jaoks

Volokhova, Maria 2022 <https://doi.org/10.23658/taltech.39/2022> <https://digikogu.taltech.ee/et/Item/49b92f4b-d0cd-4544-8a64-83ca27bf2aa3> https://www.ester.ee/record=b5507318*est

Magnetoplasmonic waves/HOMO-LUMO free π -electron transitions coupling in organic macrocycles and their effect in sensing applications

Manera, Maria Grazia; Giancane, Gabriele; Borovkov, Victor Chemosensors 2021 / art. 272

<https://doi.org/10.3390/chemosensors9100272> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mainstream-sidestream wastewater switching promotes anammox nitrogen removal rate in organic-rich, low-temperature streams

Zekker, Ivar; Raudkivi, Markus; Artemchuk, Oleg; Rikmann, Ergo; Priks, Hans; Jaagura, Madis; Tenno, Taavo Environmental technology 2021 / 10 p. : ill <https://doi.org/10.1080/09593330.2020.1721566> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Maitsekas toiduteadus pikendab Eesti rahvusroa eluiga

novaator.err.ee 2023 [Maitsekas toiduteadus pikendab Eesti rahvusroa eluiga](#)

Malignant transformation causes rearrangement of energy metabolism in colorectal and breast cancers = Kartsinogenees toob kaasa energiametabolismi ümberkorralduse jämesoole- ja rinnakasvajates

Koit, Andre 2018 <https://digi.lib.ttu.ee/i/?9349>

Management strategies for patients with advanced rectal cancer and liver metastases using modified Delphi methodology : results from the PelvEx Collaborative

Kelly, M.E.; Aalbers, A. G. J.; Abdul Aziz, N.; Teras, Jüri Colorectal disease 2020 / p. 1184-1188 <https://doi.org/10.1111/codi.15007>

Maristem - stem cells of marine/aquatic invertebrates : from basic research to innovative applications

Ballarin, Lorian; Rinkevich, Baruch; Bartscherer, Kestin; Bartscherer, Kestin; Cambier, Sebastien; Cammarata, Matteo; Domart-Coulon, Isabelle; Drobne, Damjana; Encinas, Juanma; Frank, Uri; Genevieve, Anne-Marie; Hobmayer, Bert; Lõhelaid, Helike; Lyons, Daniel; Martinez, Pedro; Oliveri, Paola; Peric, Lorena; Piraino, Stefano; Ramšak, Andreja; Rakers, Sebastian; Rentzsch, Fabian; Rosner, Amalia; Silva, Tiago Henriques da; Somorjai, Ildiko; Suleiman, Sherif; Coelho, Ana Varela Sustainability (Switzerland) 2018 / Art. 526 <https://doi.org/10.3390/su10020526> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Massively parallel sequencing of human mitochondrial genome for forensic analysis = Inimese mitokondriaalse genoomi massiivselt paralleelne sekveneerimine forensiliseks analüüsiks

Stoljarova, Monika 2020 <https://digikogu.taltech.ee/et/Item/980af58a-f034-43a6-83da-c404205bbd91>

Massively parallel sequencing-enabled mixture analysis of mitochondrial DNA samples

Churchill, Jennifer D.; **Stoljarova, Monika**; King, Jonathan L.; Budowle, Bruce International Journal of Legal Medicine 2018 / 10 p. : ill
<https://doi.org/10.1007/s00414-018-1799-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Matemaatika-loodusteaduskond Tallinna Tehnikaülikoolis

Lopp, Margus Uuele kvaliteedile ja väärikale positsioonile : Tallinna Tehnikaülikool 2000-2015 2018 / lk. 323-338 : fot
http://www.ester.ee/record=b4775778*est <https://digi.lib.ttu.ee/i/?10910>

Measurement of Naturally Occurring Radioactive Materials (NORM) in produced water, in some Iranian oil fields using gamma spectroscopy

Bashiri, Bashir; Zehtabvar, Mehmaz; Shirani, Babak Proceedings of The 2nd World Conference on Climate Change and Global Warming : Budapest, Hungary : 06-08 May 2022 2022 / p. 1-10 : ill <https://www.dpublication.com/wp-content/uploads/2022/04/600-3073.pdf>

Mechanisms behind Helicobacter pylori-induced invadosomes in hepatocytes

Smirnova, Olga; **Rukavitsõna, Elina**; Kasak, K. (?); **Sadul, Kersti**; **Spuul, Pirjo** Helicobacter Special Issue: XXXIst International Workshop on Helicobacter & Microbiota in Inflammation & Cancer, 14–15 September 2018, Kaunas, Lithuania 2018 / e12525, p. 55
<https://doi.org/10.1111/hel.12525>

Mechanisms of toxic action of silver nanoparticles in the protozoan Tetrahymena thermophila : from gene expression to phenotypic events

Juganson, Katre; Mortimer, Monika; Ivask, Angela; Pucciarelli, Sandra; Miceli, Cristina; Orupõld, Kaja; Kahru, Anne Environmental pollution 2017 / p. 481-489 : ill <https://doi.org/10.1016/j.envpol.2017.03.013>

Mechanochemical barbiere-type grignard addition reactions of organic halides

Varma Nallaparaju, Jagadeesh; **Dalidovich, Tatsiana**; **Aav, Riina**; **Kananovich, Dzmitry** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 133 [Kogumik](#)

Mechanochemical birch reduction with low reactive alkaline earth metals

Nallaparaju, Jagadeesh Varma; **Satsi, Riin**; **Merzhyevskiy, Danylo**; **Jarg, Tatsiana**; **Aav, Riina**; **Kananovich, Dzmitry** Angewandte Chemie international edition 2024 / art. e202319449 <https://doi.org/10.1002/anie.202319449>

Mechanochemical c–n bond forming reactions in the synthesis of active pharmaceutical ingredients

Kudrjašov, Artjom; **Dalidovich, Tatsiana**; **Kudrjašova, Marina**; **Kananovich, Dzmitry**; **Aav, Riina** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 106 [Kogumik](#)

Mechanochemical C–N bond-forming reactions and their application in pharmaceutical synthesis = Mehhanokeemilised C–N sidemete tekkereaktsioonid ja nende rakendamise ravimite toimeainete sünteesil

Nikonovich, Tatsiana 2024 <https://doi.org/10.23658/taltech.5/2024> <https://digikogu.taltech.ee/et/Item/0ee4407e-3c48-46cc-b96a-b082f42d9af9> https://www.ester.ee/record=b5651597*est

Mechanochemical conversion of 1,2,3-trichloropropane into homoallylic alcohols

Nallaparaju, Jagadeesh Varma; **Kananovich, Dzmitry**; **Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 19 https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Mechanochemical nucleophilic substitution of alcohols via isouronium intermediates

Dalidovich, Tatsiana; **Nallaparaju, Jagadeesh Varma**; **Shalima, Tatsiana**; **Aav, Riina**; **Kananovich, Dzmitry** ChemSusChem 2022 / art. e202102286 <https://doi.org/10.1002/cssc.202102286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Mechanochemical synthesis of new mono-functionalized cyclohexanohemicucurbit[8]uril

Suut, Elina; **Shalima, Tatsiana**; **Kananovich, Dzmitry**; **Aav, Riina** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 157 [Kogumik](#)

Mechanochemistry-amended Barbier reaction as an expedient alternative to Grignard synthesis

Varma Nallaparaju, Jagadeesh; **Nikonovich, Tatsiana**; **Jarg, Tatsiana**; **Merzhyevskiy, Danylo**; **Aav, Riina**; **Kananovich, Dzmitry** Angewandte Chemie international edition 2023 <https://doi.org/10.1002/anie.202305775>

Medium viscosity effect on fluorescent properties of Sn(IV)-tetra(4-sulfonatophenyl)porphyrin complexes in buffer solutions

Mamardashvili, Galina; **Maltceva, Olga**; **Lazovski, Dmitriy**; **Khodov, Ilja**; **Borovkov, Victor** Journal of molecular liquids 2019 / p.

Meie Eesti naised : Naisteadlased, kes parandavad tervist, vaimset heaolu, päikeseenergeetikat ja Eesti majandust
Velthut-Meikas, Agne; Bachmann, Maie; Leoste, Janika; Grossberg-Kuusk, Maarja; Kauk-Kuusik, Marit goodnews.ee 2023
[Meie Eesti naised : Naisteadlased, kes parandavad tervist, vaimset heaolu, päikeseenergeetikat ja Eesti majandust](#)

Melanoma markers and new treatment perspectives = Melanoomi markerid ja uued raviperspektiivid
Teras, Marina 2020 <https://digikogu.taltech.ee/et/Item/2f47c955-8e96-4848-86e6-356deff7869c> Doktoritöö annab vihjeid, kuidas viirusega melanoomi ravida (novaator.err.ee, 7.09.2020)

Melanoma-specific antigen-associated antitumor antibody reactivity as an immune-related biomarker for targeted immunotherapies
Rähni, Annika; Jaago, Mariliis; Sadam, Helle; Pupina, Nadežda; Pihlak, Arno; **Tuvikene, Jürgen;** Annuk, Margus; Mägi, Andrus; **Timmusk, Tõnis;** Ghaemmaghami, Amir M.; **Palm, Kaia** Communications medicine 2022 / 11 p. : ill <https://doi.org/10.1038/s43856-022-00114-7>

Menstrual poverty : what can be done to address period poverty?
Khalid, Sadia The European Sting 2023 <https://europeansting.com/2023/06/23/menstrual-poverty-what-can-be-done>

Menstrual shame : societal norms, and deeply ingrained gender biases
Khalid, Sadia The European Sting 2023 <https://europeansting.com/2023/06/26/menstrual-shame-societal-norms-and-deeply-ingrained-gender-biases/>

The mental health of healthcare workers in COVID-19
Khalid, Sadia The European Sting 2023 <https://europeansting.com/2023/05/16/the-mental-health-of-healthcare-workers-in-covid-19/>

Mental illness : a ghost in a shell
Khalid, Sadia The European Sting 2022 <https://europeansting.com/2022/10/21/mental-illness-a-ghost-in-a-shell-2/>

Mercury and Alzheimer's disease: Hg(II) ions display specific binding to the amyloid- β peptide and hinder its fibrillization
Wallin, Cecilia; Friedemann, Merlin; Sholts, Sabrina B.; **Noormägi, Andra;** Svantesson, Teodor; Järvet, Jüri; Roos, Per M.; **Palumaa, Peep;** Gräslund, Astrid; Wärmländer, Sebastian K.T.S. Biomolecules 2020 / art. 44, 23 p. : ill <https://doi.org/10.3390/biom10010044> [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](#)

Metabolic alterations in colorectal polyps and their role in carcinogenesis = Metaboolsed muutused jämesoole polüüpides ja nende roll vähi tekkes
Rebane-Klemm, Egle 2023 <https://doi.org/10.23658/taltech.27/2023> <https://digikogu.taltech.ee/et/Item/40d31bd2-16a4-4b0a-8c2e-3f409997f857> https://www.ester.ee/record=b5569147*est

Metabolic engineering of Rhodotorula toruloides for astaxanthin production using Golden Gate Assembly Platform
Lipova, Inna; Gavrilovic, Srdjan; **Bonturi, Nemailla; Lahtvee, Petri-Jaan** Yeast 2023 : ICGMB31 : 31st International Conference on Yeast Genetics and Molecular Biology, Florence, Italy, 20-25 august, 2023 : Book of abstracts 2023 / p. 257 <https://files.spazioweb.it/ed/08/ed0856fe-fa38-4015-93c9-561144f5b608.pdf>

Metabolic pathways of human microbiota co-utilization of fibres and colonic mucins : [manuscript]
Raba, Grete; Luis, Ana S.; Schneider, Hannah; Morell, Indrek; Jin, Cunsheng; **Adamberg, Signe;** Hansson, Gunnar C.; **Adamberg, Kaarel;** Arike, Liisa 2023

Metabolic remodeling of human colorectal cancer : alterations in energy fluxes = Soolevähi metaboolne remodelleerimine : muutused energiavoogudes
Kaldma, Andrus 2017 <https://digi.lib.ttu.ee/1/27372>

Metabolism control in 3D-printed living materials improves fermentation
Butelmann, Tobias; Priks, Hans; Parent, Zoel; Johnston, Trevor G.; Tamm, Tarmo; Nelson, Alshakim; **Lahtvee, Petri-Jaan; Kumar, Rahul,** 1978- ACS Applied Bio Materials 2021 / p. 7195-7203 <https://doi.org/10.1021/acsabm.1c00754> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Metabolism of copper and possibilities for its regulation
Palumaa, Peep Proceedings of the Estonian Academy of Sciences 2023 / p. 382-392 <https://doi.org/10.3176/proc.2023.4.03>

Metadata harmonization-standards are the key for a better usage of omics data for integrative microbiome analysis
Cernava, Tomislav; Rybakova, Daria; Buscot, Francois; Clavel, Thomas; McHardy, Alice Carolyn; Meyer, Fernando; Meyer, Folker; Overmann, Jörg; Stecher, Bärbel; **Sarand, Inga** Environmental Microbiome 2022 / art. 33 <https://doi.org/10.1186/s40793-022-00425-1>

Metagenome dataset of wheat rhizosphere from Ghazipur region of Eastern Uttar Pradesh

Srivastava, Ruchi; Srivastava, Alok K.; Ramteke, Promod W.; **Gupta, Vijai Kumar**; Srivastava, Anchal K. Data in brief 2020 / art. 105094, 4 p. : ill <https://doi.org/10.1016/j.dib.2019.105094> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Metal-catalyzed degradation of cellulose in ionic liquid media

Aid, Tiina; Koel, Mihkel; Lopp, Margus; **Vaher, Merike** Inorganics 2018 / art. 78, 11 p. : ill <https://doi.org/10.3390/inorganics6030078> [Journal metrics at Scopus](#) [Article at Scopus](#)

Metal-doped organic aerogels for photocatalytic degradation of trimethoprim

Bolobajev, Juri; Kask, Maarja; Kreek, Kristiina; Kulp, Maria; Koel, Mihkel; **Goi, Anna** Chemical engineering journal 2019 / p. 120-128 : ill <https://doi.org/10.1016/j.cej.2018.09.127> [Tehnikaülikooli teadlaste meetod aitab puhastada reovett antibiootikumijääkidest](#) <https://keskkonnatehnika.ee/reovee-puhastamine-kasutades-aerogeele/> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Metals in ALS TDP-43 pathology

Koski, Lassi; Ronnevi, Cecilia; **Berntsson, Elina**; Wärmländer, Sebastian K. T. S.; Roos, Per M. International Journal of Molecular Sciences 2021 / Art. nr. 12193 <https://doi.org/10.3390/ijms22212193> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Metatranscriptome analysis deciphers multifunctional genes and enzymes linked with the degradation of aromatic compounds and pesticides in the wheat rhizosphere

Singh, Dhananjaya P.; Prabha, Ratna; **Gupta, Vijai Kumar**; Verma, Mukesh K. Frontiers in microbiology 2018 / art. 1331, 15 p. : ill <https://doi.org/10.3389/fmicb.2018.01331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Methodology for analysis of peptide consumption by yeast during fermentation of enzymatic protein hydrolysate supplemented synthetic medium using UPLC-IMS-HRMS

Arju, Georg; Berg, Hidde Yael; Lints, Taivo; Nisamedtinov, Ildar Fermentation 2022 / art. 145 <https://doi.org/10.3390/fermentation8040145> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Micellar electrokinetic chromatography method for the analysis of synthetic and phytocannabinoids

Laanet, Pille-Riin; **Vaher, Merike**; Saar-Reismaa, Piret Journal of chromatography A 2022 / art. 463080 <https://doi.org/10.1016/j.chroma.2022.463080> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Michael-addition/cyclization of cyclopentane-1,2-dione to alkylidenemalononitriles [Online resource]

Silm, Estelle; **Kanger, Tõnis** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p.: ill <http://fntdk.ut.ee/teesid-2019/>

Microbial beta glucosidase enzymes : recent advances in biomass conversation for biofuels application

Srivastava, Neha; Rathour, Rishabh; Jha, Sonam; Pandey, Karan; Srivastava, Manish; Thakur, Vijay Kumar; Sengar, Rakesh Singh; **Gupta, Vijai Kumar**; Mazumder, Pranab Behari; Khan, Ahamad Faiz; Mishra, Pradeep Kumar Biomolecules 2019 / art. 220 <https://doi.org/10.3390/biom9060220> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbial cancer therapeutics : a promising approach

Diwan, Deepti; Cheng, Lei; **Usmani, Zeba**; Sharma, Minaxi; Holden, Nicola; Willoughby, Nicholas; Sangwan, Neelam; Baadhe, Rama Raju; Liu, Chenchen; Gupta, Vijai Kumar Seminars in Cancer Biology 2022 / p. 931 - 950 <https://doi.org/10.1016/j.semcancer.2021.05.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbial engineering biotechnologies : editorial

Singh, Brahma N.; Raghubanshi, Akhilesh S.; Koffas, Mattheos; **Gupta, Vijai Kumar** Biotechnology Advances 2019 / art. 107399, 4 p. : ill <https://doi.org/10.1016/j.biotechadv.2019.05.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbial Engineering Biotechnologies

Biotechnology Advances Special Issues, Vol. 37, 6

2019 <https://www.sciencedirect.com/journal/biotechnology-advances/vol/37/issue/6>

Microbial inoculation in rice regulates antioxidative reactions and defense related genes to mitigate drought stress

Singh, Dhananjaya P.; Singh, Vivek; **Gupta, Vijai Kumar**; Shukla, Renu; Prabha, Ratna; Sarma, Birinchi K.; Patel, Jai Singh Scientific reports 2020 / art. 4818, 17 p. : ill <https://doi.org/10.1038/s41598-020-61140-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbial interactions with inanimate solid surfaces : a methodological approach = Mikroobide interaktsioonid tahkete eluta pindadega : metoodiline käsitus

Rosenberg, Merilin 2022 <https://doi.org/10.23658/taltech.6/2022> <https://digikogu.taltech.ee/et/Item/ae0fc64d-c7bf-46e9-bc65-85342787a8cb>
https://www.ester.ee/record=b5491623*est

Microbial saccharification of wheat bran for bioethanol fermentation

Farkas, Csilla; Rezessy-Szabó, Judit M.; **Gupta, Vijai Kumar**; Truong, Duy H.; Friedrich, László; Felföldi, József; Nguyen, Quang D. Journal of Cleaner Production 2019 / Article nr. 118269 <https://doi.org/10.1016/j.jclepro.2019.118269> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbiological, chemical, and sensorial characterisation of commercially available plant-based yoghurt alternatives

Part, Natalja; Kazantseva, Jekaterina; Rosenvald, Sirlu; Kallastu, Aili; **Vaikma, Helen**; Kriščiunaite, Tiina; **Pismennõi, Dmitri**; Viiard, Ene Future foods 2023 / art. 100212, 10 p. : ill <https://doi.org/10.1016/j.fufo.2022.100212>

Microbiome definition re-visited: old concepts and new challenges

Berg, Gabriele; Rybakova, Daria; Fischer, Doreen; **Sarand, Inga** Microbiome 2020 / art. 103, 22 p. : ill <https://doi.org/10.1186/s40168-020-00875-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbiome interconnectedness throughout environments with major consequences for healthy people and a healthy planet

Sessitsch, Angela; Wakelin, Steve; Schloter, Michael; Maguin, Emmanuelle; Cernava, Tomislav; Champomier-Verges, Marie-Christine; Charles, Trevor C.; Cotter, Paul D.; Ferrocino, Ilario; Kriia, Aicha; Lebre, Pedro; Cowan, Don; Lange, Lene; Kiran, Seghal; Markiewicz, Lidia; Meisner, Annelein; Olivares, Marta; **Sarand, Inga**; Schelkle, Bettina; Selvin, Joseph; Smidt, Hauke; van Overbeek, Leo; Berg, Gabriele; Cocolin, Luca; Sanz, Yolanda; Fernandes, Wilson Lemos; Liu, S. J.; Ryan, Matthew; Singh, Brajesh; Kostic, Tanja Microbiology and molecular biology reviews 2023 <https://doi.org/10.1128/mmb.00212-22>

Microbiome of root vegetables - a source of gluten degrading bacteria

Kõiv, Viia; **Adamberg, Kaarel**; Adamberg, Signe; **Tenson, Tanel** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 33
https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacts.pdf

Microbiome of root vegetables - a source of gluten-degrading bacteria

Kõiv, Viia; **Adamberg, Kaarel**; **Adamberg, Signe**; Sumeri, Ingrid; Kasvandik, Sergio; Kisand, Veljo; Maiväli, Ülo; Tenson, Tanel Applied microbiology and biotechnology 2020 / p. 8871-8885 : ill <https://doi.org/10.1007/s00253-020-10852-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbiome-based solutions to address new and existing threats to food security, nutrition, health and agrifood systems' sustainability

Callens, Karel; Fontaine, Fanette; Sanz, Yolanda; Bogdanski, Anne; D'Hondt, Kathleen; Lange, Lene; Smidt, Hauke; Overbeek, Leo S. van; Kostic, Tanja; **Sarand, Inga** Frontiers in Sustainable Food Systems 2022 / art. 1047765
<https://doi.org/10.3389/fsufs.2022.1047765> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbiota of spontaneous sourdough from rye and oat flour

Klava, Dace; **Traksmaa, Anna**; Batukbhai Ratiya, Jalpa 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 31
https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacts.pdf

Microfluidic screening of antibiotic susceptibility at a single-cell level shows the inoculum effect of cefotaxime on: E. coli

Postek, Witold; Gargulinski, Pawel; **Scheler, Ott**; Kaminski, Tomasz S.; Garstecki, Piotr Lab on a Chip 2018 / p. 3668 - 3677
<https://doi.org/10.1039/c8lc00916c> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

MicroRNAs expressed from FSHR and aromatase genes target important ovarian functions [Online resource]

Rooda, Ilmatar; Kaselt, Birgitta; Salumets, Andres; **Velthut-Meikas, Agne** bioRxiv 2019 / 38 p. : ill <https://doi.org/10.1101/597054>

Mida matkal süüa ja juua ning mida vältida

Adamberg, Kaarel; **Adamberg, Signe** virtuaalkliinik.ee 2023 [Mida matkal süüa ja juua ning mida vältida](#)

Miks enamik dieete on mõeldud lühiajaliseks katsetamiseks?

Adamberg, Kaarel Oma Maitse 2020 / lk. 59-60 : fot https://www.ester.ee/record=b2069719*est

Miks on vaja toita mikroorganisme meie kõhus?

Käärt, Ulvar Horisont 2017 / lk. 42-44 : fot http://www.ester.ee/record=b1072243*est

Miks süüa kama?

Adamberg, Kaarel Postimees 2024 / p. 24-25 <https://dea.digar.ee/article/postimees/2024/02/23/31.2>

Millised on tulevikukütused ja kust hakkame saada energiat?

Niidu, Allan Äripäev 2021 / Lk. 3 : fot ["Millised on tulevikukütused ja kust hakkame saada energiat?"](#)

Mina, superorganism : lugu bakterite ja inimese kooselust : näituse kataloog = Я, суперорганизм! : история о сожительстве бактерии и человека : каталог выставки = Me, superorganism! : tale about the untold story of bacteria : exhibition catalogue

2019 https://www.ester.ee/record=b5255688*est

Minimum standards of pelvic exenterative practice: PelvEx Collaborative guideline

Fahy, M. R.; Kelly, M. E.; Aalbers, A. G. J.; Aziz, Abdul N.; Abecasis, N.; Abraham-Nordling, M.; Akiyoshi, T.; Alberda, W.; Albert, M.; Teras, Jüri British journal of surgery 2022 / p. 1251-1263 <https://doi.org/10.1093/bjs/znac317>

Minutiloeng : kust saada piisavalt vitamiine? [võrguväljaanne]

Pitsi, Tagli novaator.err.ee 2022 / audio [Minutiloeng: kust saada piisavalt vitamiine?](#)

Mis on see mõnus suvetoit, millega teadlased ei soovita liialdada?

postimees.ee 2023 [Mis on see mõnus suvetoit, millega teadlased ei soovita liialdada?](#)

Mis toimub mu kõhus?

Vaikmaa, Madis; Karu, Kätlin Postimees 2018 / Arter, lk. 12 [Kakaproov õpetab õigesti sööma](#)

Mis tooks igast maailma sadamast vähemalt ühe eestlase koju tagasi? : kojutulnu kõne Eesti Vabariigi 100. sünnipäevaks peetud aktusel

Lukk, Tiit Mente et Manu 2018 / lk. 18-20 : fot <https://www.ttu.ee/ttu-uudised/ajaleht-mente-et-manu/mente-et-manu/>
http://www.ester.ee/record=b1242496*est

Missing microbes : how the overuse of antibiotics is fueling our modern plagues, Martin J. Blaser, 274 lk, Oneworld, 2014 : [raamatututvustus]

Adamberg, Signe Horisont 2017 / lk. 60 http://www.ester.ee/record=b1072243*est

Mitigation of salinity stress in wheat seedlings due to the application of phytohormone-rich culture filtrate extract of methylotrophic actinobacterium Nocardioidees sp. NIMMe6

Meena, Kamlesh K.; Bitla, Utkarsh M.; Sorty, Ajay M.; Singh, Dhananjaya P.; Gupta, Vijai Kumar; Wakchaure G.C.; Kumar, Satish Frontiers in microbiology 2020 / art. 2091, 16 p. : ill. <https://doi.org/10.3389/fmicb.2020.02091> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mitochondrial respiration in human colorectal and breast cancer clinical material is regulated differently

Koiti, Andre; Ševtšuk, Igor; Öunpuu, Ljudmila; Klepinin, Aleksandr; Tšekulajev, Vladimir; Timohhina, Natalja; Tepp, Kersti; Puurand, Marju; Truu, Laura; Heck, Karoliina; Valvere, Vahur; Guzun, Rita; Käämbre, Tuuli Oxidative medicine and cellular longevity 2017 / art. 1372640, 16 p. : ill <http://doi.org/10.1155/2017/1372640>

Mitochondrial respiration in KRAS and BRAF mutated colorectal tumors and polyps

Rebane-Klemm, Egle; Truu, Laura; Reinsalu, Leenu; Puurand, Marju; Ševtšuk, Igor; Tšekulajev, Vladimir; Timohhina, Natalja; Tepp, Kersti; Bogovskaja, Jelena; Afanasjev, Vladimir; Suurmaa, Külliki; Valvere, Vahur; Käämbre, Tuuli Cancers 2020 / art. 815 <https://doi.org/10.3390/cancers12040815> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mixed oxime-functionalized IL/16-s-16 Gemini surfactants system: physicochemical study and structural transitions in the presence of promethazine as a potential chiral pollutant

Pandya, Subhashree Jayesh; Kapitanov, Illia; Borovkov, Victor; Ghosh, Kallol K.; Karpichev, Yevgen Chemosensors 2022 / art. 46 <https://doi.org/10.3390/chemosensors10020046> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modulation of the 5-lipoxygenase pathway by chalcogen-containing inhibitors of leukotriene A4 hydrolase

Teder, Tarvi; König, Stefanie; Singh, Rajkumar; Samuelsson, Bengt; Werz, Oliver; Garscha, Ulrike; Haeggström, Jesper Z. International journal of molecular sciences 2023 / art. 7539 <https://doi.org/10.3390/ijms24087539>

Molecular characterization of basic helix-loop-helix transcription factor TCF4 : from expression to function = Aluselise heeliks-ling-heeliks transkriptsiooniteguri TCF4 ekspressiooni ja funktsiooni kirjeldamine

Sirp, Alex 2023 <https://doi.org/10.23658/taltech.25/2023> <https://digikogu.taltech.ee/et/item/67e0b91f-4c35-4eeb-ae4-5da8e859ae6e>
https://www.ester.ee/record=b5567490*est

Molecular interactions between novel synthesized biodegradable ionic liquids with antidepressant drug

Banjare, Manoj Kumar; Behera, Kamalakanta; Banjare, Ramesh Kumar; Pandey, Siddharth; Ghosh, Kallol K.; Karpichev, Yevgen Chemical Thermodynamics and Thermal Analysis 2021 / art. 100012, 12 p <https://doi.org/10.1016/j.ctta.2021.100012>

Molecular profile of the rat peri-infarct region four days after stroke : Study with MANF

Teppo, Jaakko; Vaikkinen, Anu; Stratoulas, Vassilis; Mätilk, Kert; Smolander, Olli-Pekka Experimental neurology 2020 / art.

113288, 19 p. : ill <https://doi.org/10.1016/j.expneurol.2020.113288> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Molekulide sünteesija ja modelleerija

Parve, Omar Sirp 2021 / lk. 33-34 : portr <https://www.sirp.ee/s1-artiklid/c21-teadus/molekulide-sunteesija-ja-modelleerija/>

Mono-tsinkporfüriinide CD spektrite arvutuslik simuleerimine

Osadchuk, Irina XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 33 : ill https://www.ester.ee/record=b1580289*est

Mucin utilization by gut microbiota : recent advances on characterization of key enzymes

Raba, Grete; Luis, Ana S. Essays in Biochemistry 2023 / p. 345–353 : ill <https://doi.org/10.1042/EBC20220121>

Multifunctional catalysts in the asymmetric Mannich reaction of malononitrile with N-Phosphinoylimines : coactivation by halogen bonding versus hydrogen bonding

Kriis, Kadri; Martõnov, Harry; Miller, Annette; Erkman, Kristin; Järving, Ivar; Kaasik, Mikk; Kanger, Tõnis The journal of organic chemistry 2022 / p. 7422-7435 : ill <https://doi.org/10.1021/acs.joc.2c00674> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Multiple point criticality principle and Coleman-Weinberg inflation

Racioppi, Antonio; Rajasalu, Jürgen; Selke, Kaspar Journal of high energy physics 2022 / art. 107, 26 p. : ill [https://doi.org/10.1007/JHEP06\(2022\)107](https://doi.org/10.1007/JHEP06(2022)107) Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Multi-purpose heterogeneous catalyst material from an amorphous cobalt metal–organic framework

Ping, Kefeng; Alam, Mahboob; Kahnert, Sean Ray; Bhadoria, Rohit; Mere, Arvo; Mikli, Valdek; Käär, Maike; Aruväli, Jaan; Paiste, Pääm; Kikas, Arvo; Kisand, Vambola; Järving, Ivar; Leis, Jaan; Kongi, Nadežda; Starkov, Pavel Materials advances 2021 / p. 4009-4015 <https://doi.org/10.1039/D1MA00414J> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mutational analysis of Arabidopsis thaliana ABCE2 identifies important motifs for its RNA silencing suppressor function

Mõttus, Jelena; Maiste, Siim; Eek, Priit; Truve, Erkki; Sarmiento, Graciela N. Plant Biology 2021 / p. 21-31 : ill <https://doi.org/10.1111/plb.13193> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mürk ei ole, kuid turvaline ka mitte. TalTechi teaduri hinnangul võiks aspartaami tarbimist võimaluse korral vältida

Kaaver, Krista arileht.delfi.ee 2023 [Mürk ei ole, kuid turvaline ka mitte. TalTechi teaduri hinnangul võiks aspartaami tarbimist võimaluse korral vältida](#)

Nafion as a protective membrane for screen-printed pH-sensitive ruthenium oxide electrodes

Lazouskaya, Maryna; Tamm, Martti; Scheler, Ott; Uppuluri, Kiranmai; Zaraska, Krzysztof 2020 17th Biennial Baltic electronics conference, Tallinn, Estonia, October 6-8, 2020 : proceedings 2020 / 4 p. : ill <https://doi.org/10.1109/BEC49624.2020.9276822>

Nafion protective membrane enables using ruthenium oxide electrodes for pH measurement in milk

Lazouskaya, Maryna; Scheler, Ott; Mikli, Valdek; Uppuluri, Kiranmai; Zaraska, Krzysztof; Tamm, Martti Journal of The Electrochemical Society 2021 / art. 107511, 12 p. : ill <https://doi.org/10.1149/1945-7111/ac2d3c> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Naiste viljakust mõjutab arvatust rohkem tegureid

Velthut-Meikas, Agne novaator.err.ee 2022 [Naiste viljakust mõjutab arvatust rohkem tegureid](#)

Naisteadlasi kütkestab vaheldusrikkus ja võimalus maailma muuta

Grossberg-Kuusk, Maarja; Volkova, Anna; Miller, Annette; Roos, Kristine; Tammik, Mari-Liis; Kuhi-Thalfeldt, Reeli; Avarmaa, Mari; Stein, Mari-Klara novaator.err.ee 2023 [Naisteadlasi kütkestab vaheldusrikkus ja võimalus maailma muuta](#)

N-allüülammooniumüliidide Stevensi [2,3]-ümberasetusreaktsioon

Murre, Aleksandra; Erkman, Kristin; Kanger, Tõnis XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 29 : ill https://www.ester.ee/record=b5208044*est

Nanodiamonds as a platform for biomedical application

Bondar, Denys; Karpichev, Yevgen GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 23 https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Nanoengineered cellulosic biohydrogen production via dark fermentation : A novel approach

Srivastava, Neha; Srivastava, Manish; Malhotra, Bansi D.; Gupta, Vijai Kumar Biotechnology Advances 2019 / art. 107384, 13 p. : ill <https://doi.org/10.1016/j.biotechadv.2019.04.006> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Narkotestri arendamine narkootikumide tuvastamiseks süljes

Saar-Reismaa, Piret; Erme, E.; Kulp, Maria; Gorbatsova, Jelena; Kaljurand, Mihkel; Vaher, Merike; Mazina-Šinkar,

Natural pigments (anthocyanins and chlorophyll) and antioxidants profiling of European red and green gooseberry (*Ribes uva-crispa* L.) extracted using green techniques (UAE-citric acid-mediated extraction)

Hussain, Shehzad; Sharma, Minaxi; Jarg, Tatsiana; Aav, Riina; Bhat, Rajeev Current research in food science 2023 / art. 100629

<https://doi.org/10.1016/j.crfs.2023.100629>

Navigating global health equity : lessons from COVID-19 and universal health coverage

Khalid, Sadia The European Sting 2024 [Navigating Global Health Equity: Lessons from COVID-19 and Universal Health Coverage](#)

Navigating healthcare disparities : unravelling the impact of geographical location in the era of COVID-19 and universal health coverage

Khalid, Sadia The European Sting 2024 [Navigating Healthcare Disparities: Unravelling the Impact of Geographical Location in the Era of COVID-19 and Universal Health Coverage](#)

Navigating major healthcare challenges in the face of prolonged effects of long COVID

Khalid, Sadia The European Sting 2023 [Navigating Major Healthcare Challenges in the Face of Prolonged Effects of Long COVID](#)

Navigating ongoing challenges : late-summer COVID wave signals persistence of the pandemic

Khalid, Sadia The European Sting 2023 <https://europeansting.com/2023/09/21/navigating-ongoing>

Navigating the labyrinth: sociopolitical dynamics of COVID-19 responses in affluent democracies

Khalid, Sadia The European Sting 2024 [Navigating the labyrinth: sociopolitical dynamics of COVID-19 responses in affluent democracies](#)

Navigating the obstacles : challenges faced by foreign medical students as immigrants, refugees, and asylum seekers in a foreign country

Khalid, Sadia The European Sting 2023 <https://europeansting.com/2023/08/08/navigating-the-obstacles>

The need for an integrated multi-OMICs approach in microbiome science in the food system

Ferrocino, Ilario; Rantsiou, Kalliopi; McClure, Ryan; Kostic, Tanja; Correa de Souza, Rafael Soares; Lange, Lene; FitzGerald, Jamie; Kriaa, Aicha; Sarand, Inga Comprehensive Reviews in Food Science and Food Safety 2023 / p. 1082-1103

<https://doi.org/10.1111/1541-4337.13103>

Negative correlation between functional connectivity and small-worldness in the alpha frequency band of a healthy brain

Päeske, Laura; Hinrikus, Hiie; Lass, Jaanus; Raik, Jaan; Bachmann, Maie Frontiers in Physiology 2020 / Art. nr. 910

<https://doi.org/10.3389/fphys.2020.00910> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Neuralized family member NEURL1 is a ubiquitin ligase for the cGMP-specific phosphodiesterase 9A

Taal, Kati; Tuvikene, Jürgen; Rullinkov, Grete; Piirsoo, Marko; Sepp, Mari; Neuman, Toomas; Tamme, Richard; Timmusk, Tõnis Scientific reports 2019 / art. 7104, 12 p. : ill <https://doi.org/10.1038/s41598-019-43069-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New antimicrobial CU(II)-polyotungstate/polylactic acid films

Duvanov, Ella; Krasnou, Illia; Knyzhnyk, Ivan; Radio, Serhii V.; Karpichev, Yevgen Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 15 l. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

New aspects in stabilization and activation mechanisms of lipoprotein lipase = Uudsed aspektid lipoproteiinlipaasi stabiilsuse ja aktiivsuse regulatsioonis

Reimund, Mart 2019 <https://digikogu.taltech.ee/et/Item/e172019a-13cb-449f-bbe5-a471316ecfbb>

New Baltic chapter of the E-AHPBA: uniting towards surgical quality, research and innovations

Gulla, A.; Ignatavicius, P.; Kvietkauskas, M.; Atstupens, K.; Plaudis, H.; Kutner, S.; Adamson, M.; Barauskas, G.; Ozolins, A.; Teras, Jüri; Strupas, K. HPB 2023 <https://doi.org/10.1016/j.hpb.2023.10.005>

A new class of prophylactic metallo-antibiotic possessing potent anti-cancer and anti-microbial properties

Ude, Ziga; Kavanagh, Kevin; Twamley, Brendan; Pour, Milan; Gathergood, Nicholas; Kellett, Andrew; Marmion, Celine J. Dalton Transactions 2019 / p. 8578 - 8593 <https://doi.org/10.1039/c9dt00250b> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New developments in separation science will help to contribute to the democratisation of analytical chemistry

Kaljurand, Mihkel; Ružička, Martin; Gorbatošova, Jelena; Mazina-Šinkar, Jekaterina Microchemical journal 2023 / Art. 109443 <https://doi.org/10.1016/j.microc.2023.109443>

New insights into the evolution of host specificity of three *Penicillium* species and the pathogenicity of *P. italicum*

involving the infection of Valencia orange (*Citrus sinensis*)

Gong, Liang; Liu, Yongfeng; Xiong, Yehui; Li, Taotao; Yin, Chunxiao; Zhao, Juanni; Yu, Jialin; Yin, Qi; **Gupta, Vijai Kumar**; Jiang, Yueming Virulence 2020 / 20 p. : ill <https://doi.org/10.1080/21505594.2020.1773038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New insights on bioactivities and biosynthesis of flavonoid glycosides

Yang, Bao; Liu, Huiling; Yang, Jiali; **Gupta, Vijai Kumar**; Jiang, Yueming Trends in food science & technology 2018 / p. 116–124 : ill <https://doi.org/10.1016/j.tifs.2018.07.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New oxalalix[4]arene carboxylate detects viologen in protic media

Peterson, Anna; Ludvig, Mari-Liis; Martõnova, Jevgenia; Kaabel, Sandra; Fomitšenko, Maria; Aav, Riina Supramolecular chemistry 2020 / p. 313–319 : ill <https://doi.org/10.1080/10610278.2019.1659269> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nobeli keemiapreemia läks geenikäärde loojatele

Oidermaa, Jaan-Juhan; Ojamets, Indrek novaator.err.ee 2020 / 1 lk. : ill [Nobeli keemiapreemia läks geenikäärde loojatele](#)

The non-catalytic role of DNA polymerase epsilon in replication initiation in human cells

Vipat, Sameera; Gupta, Dipika; Jonchhe, Sagun; **Anderspuk, Hele**; Rothenberg, Eli; **Moiseeva, Tatiana** Nature communications 2022 / art. 7099 <https://doi.org/10.1038/s41467-022-34911-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nonlinear machine learning pattern recognition and bacteria-metabolite multilayer network analysis of perturbed gastric microbiome

Duran, Claudio; Ciucci, Sara; Palladini, Alessandra; Ijaz, Umer Z.; Zippo, Antonio G.; Sterbini, Francesco Paroni; Masucci, Luca; Cammarota, Giovanni; Ianiro, Gianluca; **Spuul, Pirjo**; Schroeder, Michael Nature communications 2021 / art. 1926, 22 p <https://doi.org/10.1038/s41467-021-22135-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Non-toxic and ultra-small biosilver nanoclusters trigger apoptotic cell death in fluconazole-resistant *Candida albicans* via Ras signaling

Prakteeksha; Singh, Braj R.; **Gupta, Vijai Kumar**; Deeba, Farah; Gathergood, Nicholas Biomolecules 2019 / art. 47, 23 p. : ill <https://doi.org/10.3390/biom9020047> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Noor naisteadlane: vaeva nähes saavutab kõike

Varik, Inge novaator.err.ee 2024 [Noor naisteadlane: vaeva nähes saavutab kõike](#)

Nooremteduri taasleidmishetk: kaotas ja leidsin keemia päris mitu korda õppimise jooksul

Miller, Annette postimees.ee 2024 [Nooremteduri taasleidmishetk: kaotas ja leidsin keemia päris mitu korda õppimise jooksul](#)

Nordic Nutrition Recommendations 2023

Blomhoff, Rune; Andersen, Rikke; Arnesen, Erik Kristoffer; Christensen, Jacob Juel; Eneroth, Hanna; Erkkola, Maijaliisa; Gudanaviciene, Ieva; Halldórsson, Þórhallur Ingi; Høyer-Lund, Anne; **Pitsi, Tagli** 2023 <https://doi.org/10.6027/nord2023-003>

Notum produced by Paneth cells attenuates regeneration of aged intestinal epithelium

Penttimikko, Nalle; Igbal, Sharif; Mana, Miyeko; **Smolander, Olli-Pekka** Nature 2019 / p. 398–402, [12] p. : ill <http://dx.doi.org/10.1038/s41586-019-1383-0>

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](#)

Novel Analytical Procedures for Sample Preparation and Analysis of Environmentally Harmful Compounds = Uudsed analüüsimetoodikad keskkonnakahjulikke ühendeid sisaldavate proovide ettevalmistuseks ja analüüsiks

Jõul, Piia 2021 <https://digikogu.taltech.ee/et/Item/c290b581-7be6-4ec4-8961-27bc9f5aca23> https://www.ester.ee/record=b5468611*est <https://doi.org/10.23658/taltech.49/2021>

Novel biobased alternatives to conventional polymers

Matt, Livia; **Parve, Jaan**; **Parve, Omar**; Pehk, Tõnis; Liblikas, Ilme; Laanesoo, Siim; Bonjour, Olivier; Pham, T.H.; Faisal, M.; Vares, L.; Jannasch, Patric Frontiers in Organic Synthesis : Dedicated to the 70th birthday of Professor Margus Lopp, Tallinn, 15th November 2019 2019 / p. 7 <https://www.ttu.ee/public/k/keemia-ja-biotehnoloogia-instituut/pildid/Booklet.pdf>

A novel strategy to enhance biohydrogen production using graphene oxidetreated thermostable crude cellulase and sugarcane bagasse hydrolyzate under co-culture system

Srivastava, Neha; Srivastava, Manish; **Gupta, Vijai Kumar** Bioresource technology 2018 / p. 337-345 : ill <https://doi.org/10.1016/j.biortech.2018.09.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

N-substituted arylhydroxamic acids as acetylcholinesterase reactivators

Bondar, Denys; Kapitanov, Illia; Pulkrabkova, Lenka; Soukup, Ondrej; Jun, Daniel; Botelho, Fernanda D.; Franca, Tanos C.C.; Kuca, Kamil; **Karpichev, Yevgen** Chemico-Biological Interactions 2022 / art. 110078, 13 p. : ill

<https://doi.org/10.1016/j.cbi.2022.110078> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nuclear fusion as a source of clean energy [Online resource]

Amelin, Kirill Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmdtk.ut.ee/teesid/>

Occurrence of potentially pathogenic bacteria in biofilm on bakery industry equipment

Lutter, Liis; Kuzina, Aljona; Jõudu, Ivi; **Sarand, Inga;** Andreson, Helene 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 40

https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacts.pdf

Odour-active compounds in homemade kvass

Zweers, S. K. T.; **Vene, Kristel** EC Nutrition 2021 / p. 59–73 : tab <https://www.econicon.com/ecnu/ECNU-16-00908.php>

Oksakaliks[4]areeni derivaatide süntees

Ludvig, Mari-Liis; Peterson, Anna; Martõnova, Jevgenia; Aav, Riina; Adamson, Jasper XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 24 : ill

Omega-3 fatty acid and B12 vitamin content in Baltic algae

Luhila, Önnela; Paalme, Tiina; Tanilas, Kristel; Sarand, Inga Algal Research 2022 / Art. 102860

<https://doi.org/10.1016/j.algal.2022.102860> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Omics approaches for subcellular translation studies

Koppel, Indrek; Fainzilber, Mike Molecular omics 2018 / p. 380–388 : ill <http://dx.doi.org/10.1039/c8mo00172c>

A One Health approach to achieving the Global Health agenda

Khalid, Sadia The European Sting 2021 <https://europeansting.com/2021/12/27/a-one-health-approach-to-achieving-the-global-health-agenda/>

Opioid architectures as new DNA binding molecules

McStay, Natasha; Molphy, Zara; **Gathergood, Nicholas;** Kellett, Andrew Symmetry : culture and science 2017 / p. 195-198 : ill <http://journal-scs.symmetry.hu/content-pages/volume-28-number-2-pages-161-240-2017/>

Optical detection methods for high-throughput fluorescent droplet microflow cytometry

Pärnamets, Kaiser; Pardy, Tamas; Koel, Ants; Rang, Toomas; Scheler, Ott; Le Moullec, Yannick; Afrin, Fariha

Micromachines 2021 / art. 345, 20 p. : ill <https://doi.org/10.3390/mi12030345> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimisation of sample storage and dna extraction for human gut microbiome studies

Kazantseva, Jekaterina; Malv, Esther; Meikas, Anne; Kallastu, Aili; **Jaagura, Madis;** Koppel, Johana 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 29

Optimised signal processing for nonlinear ultrasonic nondestructive testing of complex materials and biological tissues =

Optimeeritud signaalitöötlus mittelineaarsete komplekssete materjalide ja bioloogiliste kudede mittepurustavaks testimiseks ultraheliga = Traitement du signal optimisé pour l'évaluation non linéaire non destructive des matériaux complexes et des tissus biologiques

Lints, Martin 2017 <https://digi.lib.ttu.ee/i/?8437>

Optimizing medium components to enhance high cell mass production of biotherapeutic strain lactobacillus reuteri DSM 20016T by statistical method

Selvamani, Shanmugaprakasham; Dailin, Daniel Joe; Rostom, Merit; **Gupta, Vijai Kumar;** El Enshasy, Hesham A. Journal of Scientific and Industrial Research 2020 / p. 798-803 <https://doi.org/10.56042/jsir.v79i9.41715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimizing strategies to address burnout in the healthcare staff : let's care for the people who care for us

Khalid, Sadia The European Sting 2023 <https://europeansting.com/2023/05/17/optimizing-strategies>

Orgaanilise keemia nomenklatuuri põhimõtted

Kanger, Tõnis 2024

Organocatalytic asymmetric Michael addition to cyclopropyl derivatives = Tsüklopropaani derivaatide asümmeetriline organokatalüütiline Michaeli liitumisreaktsioon

Reitel, Kärt 2019 <https://digi.lib.ttu.ee/i/?11505>

Organocatalytic enantioselective synthesis of N-alkylated indoles = Organokatalüütiline enantioselektiivne N-alküleeritud indoolide süntees

Trubitsõn, Dmitri 2021 https://www.ester.ee/record=b5459634*est <https://digikogu.taltech.ee/et/Item/0f4eb334-fce4-4178-9d7c-eac98677e646> <https://doi.org/10.23658/taltech.46/2021>

Organocatalytic stereoselective [8+2] and [6+4] cycloadditions

Mose, Rasmus; Preegel, Gert; Larsen, Jesper; Jakobsen, Sofie; Iversen, Eva Hogh; Jorgensen, Karl Anker Nature chemistry 2017 / p. 487-492 : ill <http://dx.doi.org/10.1038/nchem.2682>

Ortho-selective electrophilic substitution/addition to phenolates

Lopušanskaja, Eleana GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / O 19 https://fmt.dk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Outstanding reviewers for : Organic & Biomolecular Chemistry in 2019

Dickschat, Jeroen; Han, Jianlin; Hao, Erhong; Hasan, Mohammed; Knolker, Hans-Joachim; Loska, Rafal; Mehta, Vaibhav Pravinchandra; Poudel, Tej Narayan; Verma, Akhilesh Kumar; Wang, Chunxiang Organic and Biomolecular Chemistry 2020 / p. 4496 <https://doi.org/10.1039/d0ob90074e> [Journal metrics at Scopus](#) [Article at Scopus](#)

Oviduct as a sensor of embryo quality: deciphering the extracellular vesicle (EV)-mediated embryo-maternal dialogue

Dissanayake, Keerthi; Nömm, Monika; Lättikivi, Freddy; Ord, James; Ressaissi, Yosra; Godakumara, Kasun; Viil, Janeli; Jääger, Kersti; Velthut-Meikas, Agne; Salumets, Andres Journal of molecular medicine 2021 / p. 685-697 : ill <https://doi.org/10.1007/s00109-021-02042-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxidation of C18 hydroxylpolyunsaturated fatty acids to epoxide or ketone by catalase-related hemoproteins activated with iodolbenzene

Teder, Tarvi; Boeglin, William E.; Brash, Alan R. Lipids 2017 / p. 587-597 : ill <https://doi.org/10.1007/s11745-017-4271-0>

Oxidation of substituted cyclopentane-1,2-diones = Asendatud tsüklopentaan-1,2-dioonide oksüdeerimine

Oja, Karolin 2018 <https://digi.lib.ttu.ee/i/?9923>

Oxidative ring cleavage reactions of cyclopropanols and their synthetic applications [Online resource]

Elek, Gabor Zoltan Frontiers in Organic Synthesis : Dedicated to the 70th birthday of Professor Margus Lopp, Tallinn, 15th November 2019 / p. 6 <https://www.ttu.ee/public/k/keemia-ja-biotehnoloogia-instituut/pildid/Booklet.pdf>

Oxidative ring-cleavage reactions of cyclopropanols and their application for the synthesis of bioactive cyclopeptides = Tsüklopropanoolide oksüdeerivad tsükliavamisreaktsioonid ja nende rakendus bioaktiivsete tsüklopeptiidide sünteesil

Elek, Gabor Zoltan 2020 <https://digikogu.taltech.ee/et/Item/969fcbc0-1eb5-491e-9f23-5d6040090e0b>

Oxime functionalized surfactants in pH-responsive mixed micellar assemblies : physicochemical properties and esterolytic reactivity

Kapitanov, Illia; Mirgorodskaya, Alla B.; Zakharova, Lucia Y.; Gathergood, Nicholas; Karpichev, Yevgen Kyiv-Toulouse : IXth International Chemistry Conference "Kyiv-Toulouse" dedicated to the 100th anniversary of Fedir Babichev = IXth Conference Internationale de Chimie "Kyiv-Toulouse" dedie au 100eme anniversaire de Fedir Babichev : (Kyiv, 4-9 June 2017) : materials of reports and performances 2017 / p. 131

Oxime-functionalized nanodiamonds as a platform for treatment of organophosphate poisoning

Karpichev, Yevgen; Bondar, Denys; Starkov, Pavel; Heinmaa, Ivo Artificial Intelligence for Material Design, Processing and Characterizations November 21 - November 30, 2020 : SYMPOSIUM S.CT01 : abstract book 2020 / S.NM01.10.06, p. 658 [Meeting abstracts](#)

Oxylipins : role in stem cell biology

Löhelaid, Helike; Teder, Tarvi Advances in Aquatic Invertebrate Stem Cell Research : From Basic Research to Innovative Applications 2022 / p. 173-200 <https://doi.org/10.3390/books978-3-0365-1635-6-4>

P1-independent replication and local movement of Rice yellow mottle virus in host and non-host plant species

Nummert, Grete; Sömera, Merike; Uffert, Gabriela; Abner, Erik; Truve, Erkki Virology 2017 / p. 28-32 : ill <https://doi.org/10.1016/j.virol.2016.12.007>

P2X4 : a fast and sensitive purinergic receptor

Suurväli, Jaanus; Boudinot, Pierre; Kanellopoulos, Jean; Rüütel Boudinot, Sirje Biomedical journal 2017 / p. 245-256 : ill <https://doi.org/10.1016/j.bj.2017.06.010>

P2X4 and P2X7 receptors in evolution, physiology, inflammation, and autoimmunity = P2X4 ja P2X7 retseptorid evolutsiooni, füsioloogia, põletiku ja autoimmuunsuse kontekstis

Rump, Airi 2023 <https://doi.org/10.23658/taltech.53/2023> <https://digikogu.taltech.ee/et/Item/d5c7f19b-53ae-4010-9249-2aa0b04b898e>
https://www.ester.ee/record=b5645330*est

Palatini F (R, X) : a new framework for inflationary attractors

Dioguardi, Christian; Racioppi, Antonio arXiv 2023 / 6 p. : ill <https://doi.org/10.48550/arXiv.2307.02963>

Paljulubav Parkinsoni tõve ravim on katsetamisjärgus [Võrguväljaanne]

Arumäe, Urmas novaator.err.ee 2019 / fot [Paljulubav Parkinsoni tõve ravim on katsetamisjärgus](#)

Pan-cancer analysis of whole genomes

Campbell, Peter J.; Getz, Gad; Korbel, Jan O.; Stuart, Joshua M.; Jennings, Jennifer L.; Stein, Lincoln D.; Perry, Marc D.; Nahal-Bose, Hardeep K.; Ouellette, B. F. Francis; **Uusküla-Reimand, Liis** Nature 2020 / 12 p. : ill <https://doi.org/10.1038/s41586-020-1969-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pandemics of COVID-19 and systemic racism : lessons and strategies for future

Khalid, Sadia The European Sting 2023 <https://europeansting.com/2023/02/09/pandemics-of-covid-19-and-systemic-racism-lessons-and-strategies-for-future/>

Paper microzones as a route to greener analytical chemistry

Kaljurand, Mihkel Current Opinion in Green and Sustainable Chemistry 2019 / p. 15-18 <https://doi.org/10.1016/j.cogsc.2019.03.002>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Parim taimekasvatataja paistis silma selge tulevikuvaatega

postimees.ee 2023 [Parim taimekasvatataja paistis silma selge tulevikuvaatega](#)

Pathogen Trojan horse delivers bioactive host protein to alter maize anther cell behavior in situ

Linde, Karina van der; **Timofejeva, Ljudmilla**; Egger, Rachel L.; Ilau, Birger The Plant cell 2018 / p. 528-542 : ill
<https://doi.org/10.1105/tpc.17.00238> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pathway and network analysis of more than 2500 whole cancer genomes

Reyna, Matthew A.; Haan, David; Paczkowska, Marta; Verbeke, Lieven P. C.; Vazquez, Miguel; Kahraman, Abdullah; Pulido-Tamayo, Sergio; Barenboim, Jonathan; Wadi, Lina; Dhingra, Priyanka; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 729
<https://doi.org/10.1038/s41467-020-14367-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

PCSK9 deficiency alters brain lipid composition without affecting brain development and function

Pärm, Angela; Olsen, Ditte; **Tuvikene, Jürgen**; Kaas, Mathias; Borisova, Ekaterina; Bilgin, Mesut; Elhauge, Mie; Vilstrup, Joachim; Madsen, Peder; Ambrozkiwicz, Mateusz C.; Goz, Roman U.; **Timmusk, Tõnis**; Tarabykin, Victor; Gustafsen, Camilla; Glerup, Simon Frontiers in molecular neuroscience 2023 <https://doi.org/10.3389/fnmol.2022.1084633>

A PDZ-like domain mediates the dimerization of 11R-lipoxygenase

Eek, Priit; Põldemaa, Kaspar; Kasvandik, Sergo; **Järving, Ivar; Samel, Nigulas** Biochimica et Biophysica Acta (BBA) - molecular and cell biology of lipids 2017 / p. 1121-1128 : ill <https://doi.org/10.1016/j.bbalip.2017.07.012>

Peegeldus

Lopp, Margus 2019 https://www.ester.ee/record=b5245579*est

Peep Palumaa : PRG744 ehk ühe granditaotluse sekeldused ETag-i hindamisinõukogus [Võrguväljaanne]

Palumaa, Peep novaator.err.ee 2020 / fot [Peep Palumaa: PRG744 ehk ühe granditaotluse sekeldused ETag-i hindamisinõukogus](#)

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

Performance of Al₂O₃-cBN materials and the perspective of using hyperspectral imaging during cutting tests

Antonov, Maksim; Zahavi, Ali; Kumar, Rahul, 1993-; Tamre, Mart; Klimczyk, Piotr Proceedings of the Estonian Academy of Sciences 2021 / p. 524-532 : ill <https://doi.org/10.3176/proc.2021.4.21> [Journal Metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Performance of Al₂O₃-cBN materials and the perspective of using hyperspectral imaging during cutting tests

Antonov, Maksim; Zahavi, Ali; Kumar, Rahul, 1993-; Tamre, Mart; Klimczyk, Piotr IOP conference series : materials science and engineering 2021 / art. 012029, 5 p. : ill <https://doi.org/10.1088/1757-899X/1140/1/012029>

Personaalse kopsuvähiravi suunas : [noorteadlaste konkursi Teadus kolme minutiga ettekanne]

Truumees, Birgit Teadus kolme minutiga : 2017-2019 2019 / lk. 118-121 : portr., ill https://www.ester.ee/record=b5245642*est

Personalization of medical device interfaces: decreasing implant-related complications by modular coatings and immunoprofiling

Vrana, Nihal Engin; **Palm, Kaia**; Lavalley, Philippe Future Science OA 2020 / 3 p <https://doi.org/10.2144/fsoa-2020-0074>

Petre-Jaan Lahtvee: pikem plaan on väähindada CO2 toiduks

Lahtvee, Petri-Jaan Mente et Manu 2023 / lk. 14-19 : fot https://www.ester.ee/record=b1242496*est

PGC-1 α signaling increases GABA(A) receptor subunit $\alpha 2$ expression, GABAergic neurotransmission and anxiety-like behavior in mice

Vanaveski, Taavi; Molchanova, Svetlana; Pham, Dan Duc; Schäfer, Annika; Pajanoja, Ceren; Narvik, Jane; Srinivasan, Vignesh; Urb, Mari; Koivisto, Maria; **Timmusk, Tõnis** Frontiers in Molecular Neuroscience 2021 / art. 588230

<https://doi.org/10.3389/fnmol.2021.588230> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Photocatalytic and antibacterial activity of nano zinc oxide/silver composite nanoparticle covered surfaces [Online resource]

Visnapuu, Meeri; **Rosenberg, Merilin**; Truska, Egle; Kisand, Vambola; Ivask, Angela International Conference "Functional Materials and Nanotechnologies 2017" : Tartu, Estonia in April, 24-27, 2017 : book of abstracts 2017 / p. 143

http://www.ester.ee/record=b4668793*est

Photocatalytic degradation of trimethoprim enhanced by organic aerogels

Bolobajev, Juri; Kreek, Kristiina; Koel, Mihkel; Goi, Anna 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 110 https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf

A photochemical organocatalytic strategy for the α -alkylation of ketones by using radicals

Spinnato, Davide; Schweitzer-Chaput, Bertrand; Goti, Giulio; **Ošeka, Maksim**; Melchiorre, Paolo Angewandte Chemie international Edition 2020 / p. 9485 - 9490 <https://doi.org/10.1002/anie.201915814> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Photoredox-catalyzed direct C–H monofluoromethylation of heteroarenes

Ramkumar, Nagarajan; Plantus, Ketrina; Ozola, Melita; Mishnev, Anatoly; Nikolajeva, Vizma; Senkovs, Maris; **Ošeka, Maksim**;

Veliks, Janis New journal of chemistry 2023 <https://doi.org/10.1039/D3NJ04313D>

Physicochemical and sensorial evaluation of meat analogues produced from dry-fractionated pea and oat proteins

De Angelis, Davide; Kaleda, Aleksei; **Vaikma, Helen**; Tamm, Martti; **Tammik, Mari-Liis**; Squeo, Giacomo; Summo, Carmine Foods 2020 / art. 1754, 15 p <https://doi.org/10.3390/foods9121754> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Physicochemical properties and esterolytic reactivity of oxime functionalized surfactants in pH-responsive mixed micellar system

Kapitanov, Illia; Mirgorodskaya, Alla B.; Valeeva, Farida G.; **Gathergood, Nicholas**; Karpichev, Yevgen Colloids and surfaces A : physicochemical and engineering aspects 2017 / p. 143-159 : ill <https://doi.org/10.1016/j.colsurfa.2017.04.039>

Physicochemical Properties Predict Retention of Antibiotics in Water-in-Oil Droplets

Ruszczak, Artur; Jankowski, Pawel; Vasantham, Shreyas K.; **Scheler, Ott**; Garstecki, Piotr Analytical chemistry 2023 / p. 1574–1581 : ill <https://doi.org/10.1021/acs.analchem.2c04644>

Physicochemical, textural, and sensorial properties of fibrous meat analogs from oat-pea protein blends extruded at different moistures, temperatures, and screw speeds

Kaleda, Aleksei; Talvistu, Karel; **Vaikma, Helen**; **Tammik, Mari-Liis**; Rosenvald, Sirli; **Vilu, Raivo** Future foods 2021 / art. 100092, 8 p. : ill <https://doi.org/10.1016/j.fufo.2021.100092> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phytochemical screening and antioxidant activity of selected Estonian galium species

Laanet, Pille-Riin; Saar-Reismaa, Piret; **Jõul, Piia**; Bragina, Olga; **Vaher, Merike** Molecules 2023 / art. 2867 <https://doi.org/10.3390/molecules28062867>

Phytochemicals as potent modulators of autophagy for cancer therapy

Moosavi, Mohammad Amin; Haghi, Atousa; Rahmati, Marveh; Taniguchi, Hiroaki; Mocan, Andrei; Echeverria, Javier; **Gupta, Vijai Kumar**; Tzvetkov, Nikolay T.; Atanasov, Atanas G. Cancer Letters 2018 / p. 46-69 <https://doi.org/10.1016/j.canlet.2018.02.030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phytomanagement of chromium contaminated brown fields

Kumar, Adarsh; **Usmani, Zeba**; Ahirwal, Jitendra; Tripti; Rani, Poonam Phytomanagement of polluted sites : Market opportunities in sustainable phytoremediation 2019 / p. 447-469 <https://doi.org/10.1016/B978-0-12-813912-7.00018-1>

PID controller tuning optimization using genetic algorithm for droplet size control in microfluidics

Gyimah, Nafisat; Jõemaa, Rauno; Pärnamets, Kaiser; Scheler, Ott; Rang, Toomas; Pardy, Tamas 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 p <https://doi.org/10.1109/BEC56180.2022.9935596>

Pimedegusteerimine - puhas bluff, mõnus meelelahutus, kasulik tööriist?

Virro, Keiu Edasi.org : innustav ja hariv ajakiri 2024 / Lk. 88-90 https://www.ester.ee/record=b5223051*est

Pisiimetajate lumealune maailm

Rammul, Üllar; Põllupüü, Krister Eesti Loodus 2019 / lk. 30-31 : fot http://www.ester.ee/record=b1072059*est

Plant based milk alternatives - what makes them "milky"

Kalde, Helen; Rosensvald, Sirli; **Rosend, Julia**; Kaleda, Aleksei 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 60

Plant based proteins - Bitter or not bitter?

Metsoja, Grete; Vaikma, Helen; Rosensvald, Sirli EuroSense 2022 : Tenth European Conference on Sensory and Consumer Research, 13 - 16 September 2022, Turku, Finland 2022 / 1 p

Plant cell wall degrading enzymes in biomass bioprocessing to biorefineries: a review. Chapter 21

Srivastava, Shilpi; Sharma, Minaxi; **Usmani, Zeba**; **Dubey, Saijasi** Recent developments in bioenergy research 2020 / p. 415-432 <https://doi.org/10.1016/B978-0-12-819597-0.00022-2>

Podosomes in endothelial cell - microenvironment interactions

Alonso, Florian; **Spuul, Pirjo**; Genot, Elisabeth Current opinion in hematology 2020 / p. 197-205 <https://doi.org/10.1097/MOH.0000000000000575> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Poly(alkanoyl isosorbide methacrylate)s : from amorphous to semicrystalline and liquid crystalline biobased materials

Laanesoo, Siim; Bonjour, Olivier; **Parve, Jaan**; Matt, Livia; **Parve, Omar**; Vares, Lauri; Jannasch, Patric EPF European Polymer Congress 26 June – 1 July 2022 : book of abstracts 2022 / p. 616 : ill https://webadmin.epf2022.org/Amca-Epf2021/media/content/docs/Book_of_abstracts_EPF2022.pdf

Poolteist aastakümnet teadus- ja arendustegevust

Truve, Erkki Uuele kvaliteedile ja väarikale positsioonile : Tallinna Tehnikaülikool 2000-2015 2018 / lk. 218-226 : portr http://www.ester.ee/record=b4775778*est <https://digi.lib.ttu.ee/i/?10910>

Poorsete metall-orgaaniliste võrgustike monokristallide püsivuse uurimine solvendivahetusel

Martõnova, Jevgenia; Kaabel, Sandra; Šubin, K.; Adamson, J.; **Aav, Riina** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 25 : ill

Population trends : the impact of aging demographics on public health challenges

Khalid, Sadia The European Sting 2023 <https://europeansting.com/2023/08/31/population-trends>

Porcine Circovirus Type 2 ORF3 protein induces apoptoses in melanoma cells

Teras, Marina; Rump, Airi; Paalme, Viuu; Rüütel Boudinot, Sirje 5th European Congress of Immunology : abstract book 2018 / p. 221 https://www.eci2018.org/fileadmin/user_upload/documents/ECI_2018_Abstract_Book_web_21082018.pdf

Porcine circovirus type 2 ORF3 protein induces apoptosis in melanoma cells

Viisileht, Edda; Pahtma-Hall, Merlis; Rump, Airi; Paalme, Viuu; Pata, Pille; Rüütel Boudinot, Sirje BMC cancer 2018 / art. 1237, 12 p. : ill <https://doi.org/10.1186/s12885-018-5090-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Porphyrin-based (chir)optical sensing of amino-functionalized thiourea organocatalysts

Konrad, Nele; Horetski, Matvey; Sihtmäe, Mariliis; Osadchuk, Irina; Truong, Khai-Nghi; **Borovkov, Victor; Aav, Riina; Kananovich, Dzmitry** Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 393 http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

Porphyrin-based hybrid nanohelices : cooperative effect between molecular and supramolecular chirality on amplified optical activity

Anfar, Zakaria; Kuppan, Balamurugan; Scalabre, Antoine; Nag, Rahul; Pouget, Emilie; Nlate, Sylvain; Magna, Gabriele; Di Filippo, Ilaria; Monti, Donato; Naitana, Mario L.; Stefanelli, Manuela; **Nikonovich, Tatsiana; Borovkov, Victor; Aav, Riina**; Paolesse, Roberto; Oda, Reiko The journal of physical chemistry B 2024 / p. 1550-1556 <https://doi.org/10.1021/acs.jpcc.3c07153>

Porphyrinoid based supramolecular probes for chirality sensing

Borovkov, Victor; Gathergood, Nicholas Symmetry : culture and science 2017 / p. 175-178 : ill <http://journal-scs.symmetry.hu/content-pages/volume-28-number-2-pages-161-240-2017/>

Portable automated handheld sample collection-preparation instrument for airborne volatile substances

Bimbiraite-Surviliene, Kristina; Drevinskas, Tomas; Maruska, Audrius; Kornysova, Olga; **Gorbatšova, Jelena**; Ihara, Hirotaka; **Kaljurand, Mihkel** Microchemical journal 2020 / art. 105576 <https://doi.org/10.1016/j.microc.2020.105576> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Portable capillary electrophoresis as a green analytical technology

Kaljurand, Mihkel; Mazina-Šinkar, Jekaterina TrAC Trends in Analytical Chemistry 2022 / art. 116811 <https://doi.org/10.1016/j.trac.2022.116811> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Portable fully automated oral fluid extraction device for illegal drugs

Ružicka, Martin; Kaljurand, Mihkel; Gorbatšova, Jelena; Vaher, Merike; Mazina-Šinkar, Jekaterina Talanta 2022 / art. 123389 <https://doi.org/10.1016/j.talanta.2022.123389> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Poststroke delivery of MANF promotes functional recovery in rats

Mätlik, Kert; Anttila, Jenni E.; Kuan-Yin, Kuan-Yin; **Arumäe, Urmas** Science advances 2018 / art. eaap8957 ; 8 p. : ill <https://doi.org/10.1126/sciadv.aap8957> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Potassium and sodium salt stress characterization in the yeasts *Saccharomyces cerevisiae*, *Kluyveromyces marxianus*, and *Rhodotorula toruloides*

Illarionov, Aleksandr; **Lahtvee, Petri-Jaan; Kumar, Rahul, 1978-** Applied and Environmental Microbiology 2021 / art. e03100-20 <https://doi.org/10.1128/AEM.03100-20> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Potential ecotoxicological effects of antimicrobial surface coatings : a literature survey backed up by analysis of market reports

Rosenberg, Merilin; Ilic, Krunoslav; Juganson, Katre; Ivask, Angela; Ahonen, Merja; Vrcek, Ivana; Kahru, Anne PeerJ 2019 / art. e6315 ; 34 p <https://doi.org/10.7717/peerj.6315> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A potential route towards new methods for extracting value from shale oil side stream

Niidu, Allan Oil shale 2019 / p. 128–141 : ill http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-128-141.pdf <https://doi.org/10.3176/oil.2019.2S.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Poverty and health : a vicious cycle unravelled

Khalid, Sadia The European Sting 2024 [Poverty and health : A vicious cycle unravelled](#)

Preface

Borovkov, Victor; Aav, Riina Chirogenesis in Chemical Science 2023 / p. vii-xi https://doi.org/10.1142/9789811259227_fmatter

Preface to "Chiral Auxiliaries and Chirogenesis"

Borovkov, Victor Chiral Auxiliaries and Chirogenesis 2021 / p. ix-xi <https://doi.org/10.3390/books978-3-0365-1017-0>

Preface to "Chiral Auxiliaries and Chirogenesis II"

Borovkov, Victor Chiral Auxiliaries and Chirogenesis II 2021 / p. IX-XI <https://doi.org/10.3390/books978-3-0365-1155-9> [Symmetry Special Issue: Chiral Auxiliaries and Chirogenesis II](#)

Preparation and characterization of lignin-derived carbon aerogels

Jõul, Piia; Järvik, Oliver; Lees, Heidi; Kallavus, Urve; Koel, Mihkel; Lukk, Tiit Frontiers in chemistry 2024 / art. 1326454 <https://doi.org/10.3389/fchem.2023.1326454>

Preparation and characterization of photocatalytically active antibacterial surfaces covered with acrylic matrix embedded nano-ZnO and nano-ZnO/Ag

Rosenberg, Merilin; Visnapuu, Meeri; Saal, Kristjan; Danilian, Dmytro; Pärna, Rainer; Ivask, Angela; Kisand, Vambola Nanomaterials 2021 / art. 3384 <https://doi.org/10.3390/nano11123384> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preparation of stereochemically pure E- and Z-alkenoic acids and their methyl esters from bicyclo[n.1.0]alkan-1-ols : application in the synthesis of insect pheromones

Zubrytski, Dzmitry M.; **Kananovich, Dzmitry**; Matiushenkov, E. A. Russian journal of organic chemistry 2017 / p. 813-823 : ill <https://doi.org/10.1134/S107042801706001X>

Preparation of thermoplastic cellulose esters in [mTBNH][OAC] ionic liquid by transesterification reaction

Tarasova, Elvira; Savale, Nutan; Krasnou, Illia; Kudrjašova, Marina; Rjabovs, Vitalijs; Reile, Indrek; Vares, Lauri; **Kallakas, Heikko**; Kers, Jaan; **Krumme, Andres** Polymers 2023 / art. 3979 <https://doi.org/10.3390/polym15193979>

Pretreatment of plant feedstocks and agrofood waste using ionic liquids

Usmani, Zeba; Sharma, Minaxi; **Karpichev, Yevgen**; **Gathergood, Nicholas**; Bhat, Rajeev; Gupta, Vijai Kumar Recent developments in bioenergy research 2020 / p. 393-413 <https://doi.org/10.1016/B978-0-12-819597-0.00021-0>

Primary amines as heterogeneous catalysts in an enantioselective [2,3]-Wittig rearrangement reaction

Murre, Aleksandra; **Mikli, Valdek**; **Erkman, Kristin**; **Kanger, Tõnis** iScience 2023 / art. 107822, 18 p. : ill <https://doi.org/10.1016/j.isci.2023.107822>

Probing cellular outcomes using heterobivalent constructs [Online resource]

Bhadoria, Rohit; Ping, Kefeng; Lohk, Christer; **Järving, Ivar**; **Starkov, Pavel** ChemRxiv 2019 / 9, S74 p. : ill <https://doi.org/10.26434/chemrxiv.7613213.v1>

Production of microbial lipids from optimized waste office paper hydrolysate, lipid profiling and prediction of biodiesel properties

Nair, Anu Sadasivan; Al-Bahry, Saif; **Gathergood, Nicholas**; Tripathi, Bhumi Nath; Sivakumar, Nallusamy Renewable Energy 2020 / p. 124 - 134 <https://doi.org/10.1016/j.renene.2019.12.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The profile of steroid hormones in human fetal and adult ovaries

Vazakidou, Paraskevi; Evangelista, Sara; Li, Tianyi; Lecante, Laetitia L.; **Rosenberg, Kristine**; Koekkoek, Jacco; Salumets, Andres; **Velthut-Meikas, Agne**; Damdimopoulou, Paulina; Mazaud-Guittot, Severine Reproductive biology and endocrinology 2024 / art. 60 <https://doi.org/10.1186/s12958-024-01233-7>

Progesterone triggers Rho kinase-cofilin axis during in vitro and in vivo endometrial decidualization

Lavogina, Darja; Stepanjuk, Artjom; Peters, Maire; Samuel, Külli; Kasvandik, Sergo; Khatun, Masuma; Arffman, Riikka K.; Enkvist, Erki; Viht, Kaido; **Velthut-Meikas, Agne** Human reproduction 2021 / p. 2230-2248 <https://doi.org/10.1093/humrep/deab161> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Progress in human picornavirus research : New findings from the AIROPico consortium

Wolthers, Katja C.; Susi, Petri; Jochmans, Dirk; **Palm, Kaia** Antiviral research 2019 / p. 100–107 : ill <http://dx.doi.org/10.1016/j.antiviral.2018.11.010>

Progress toward improving ethanol production through decreased glycerol generation in *Saccharomyces cerevisiae* by metabolic and genetic engineering approaches

Naghshbandi, Mohammad Pooya; Tabatabaei, Meisam; Aghbashlo, Mortaza; **Gupta, Vijai Kumar**; Sulaiman, Alawi; Karimi, Keikhosro; Moghimi, Hamid; Maleki, Mina Renewable and Sustainable Energy Reviews 2019 / Art. 109353 <https://doi.org/10.1016/j.rser.2019.109353> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Projekte und Praxis

Meyer, Matthias; Schweizer, Steffen; Göz, Daniel; **Tuhtan, Jeffrey Andrew** Biologische Durchgängigkeit von Fließgewässern : Ausgewählte Beiträge aus der Fachzeitschrift WasserWirtschaft 2017 / S. 181-295 https://doi.org/10.1007/978-3-658-13990-2_3

Propensity of a picornavirus polymerase to slip on potyvirusderived transcriptional slippage sites

Stewart, Hazel; **Olspert, Allan**; Butt, Benjamin G.; Firth, Andrew E. Journal of general virology 2019 / p. 199–205 : ill <https://doi.org/10.1099/jgv.0.001189> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at Scopus](#)

Propidium iodide staining underestimates viability of adherent bacterial cells

Rosenberg, Merilin; Azevedo, Nuno F.; Ivask, Angela Scientific reports 2019 / art. 6483, 12 p. : ill <https://doi.org/10.1038/s41598-019-42906-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Prostaglandin D2 receptor DP1 antibodies predict vaccine-induced and spontaneous narcolepsy type 1 : large-scale study of antibody profiling

Sadam, Helle; Pihlak, Arno; Kivil, Anri; Pihelgas, Susan; **Jaago, Mariliis**; **Palm, Kaia** EBioMedicine 2018 / p. 47–59 <https://doi.org/10.1016/j.ebiom.2018.01.043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Protecting-group-free mechanosynthesis of amides from hydroxycarboxylic acids : application to the synthesis of imatinib

Nikonovich, Tatsiana; **Jarg, Tatsiana**; **Martõnova, Jevgenia**; **Kudrjašov, Artjom**; **Merzhyievskiy, Danylo**; **Kudrjašova, Marina**; Gallou, Fabrice; **Aav, Riina**; **Kananovich, Dzmitry** RSC Mechanochemistry 2024 <https://doi.org/10.1039/D4MR00006D>

Protecting-Group-Free mechanosynthesis of amides from hydroxycarboxylic acids : application to the synthesis of Imatinib : preprint

Nikonovich, Tatsiana; **Jarg, Tatsiana**; **Martõnova, Jevgenia**; **Kudrjašov, Artjom**; **Merzhyievskiy, Danylo**; **Kudrjašova, Marina**; Gallou, Fabrice; **Aav, Riina**; **Kananovich, Dzmitry** ChemRxiv 2023 / 26 p. : ill <https://doi.org/10.26434/chemrxiv-2023-d4nxx>

Puder tõmbab päeva käima

Pitsi, Tagli Äripäev 2019 / Terviseuudised, lk. 6

Putative adverse outcome pathways for female reproductive disorders to improve testing and regulation of chemicals

Johansson, Hanna K. L.; Damdimopoulou, Pauliina; Jääger, Kersti; **Velthut-Meikas, Agne** Archives of toxicology 2020 / p. 3359–3379 <https://doi.org/10.1007/s00204-020-02834-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Puukidega levivad bakteriaalsed patogeenid Eestis

Bragina, Olga; Jakovleva, Jelena; Kuznetsova, Tatiana; Geller, Julia Eesti Arst 2023 / lk. 341-346 : ill
http://www.ester.ee/record=b1072028*est