

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> https://www.ester.ee/record=b5235122*est

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>

ABCE proteins' role in RNA silencing suppression and their evolution = ABCE valkude roll RNA vaigistamise supressioonis ja nende evolutsioonis

Möttus, Jelena 2024 <https://doi.org/10.23658/taltech.43/2024> <https://digikogu.taltech.ee/et/Item/fea618c9-0f5a-4bd5-b867-c36ab775f6f1> https://www.ester.ee/record=b5694239*est

ABCE1 is essential for S phase progression in human cells

Toompuu, Marina; Kärblane, Kairi; Pata, Pille; Truve, Erkki; Sarmiento Guerin, Maria Cecilia Cell Cycle 2016 / p. 1234 - 1247 <https://doi.org/10.1080/15384101.2016.1160972> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Abiotic stress responses and microbe-mediated mitigation in plants: The omics strategies

Meena, Kamlesh K.; Sorty, Ajay M.; Bitla, Utkarsh M.; Choudhary, Khushboo; Gupta, Priyanka; Pareek, Ashwani; Singh, Dhananjaya P.; Prabha, Ratna; Sahu, Pramod K.; Gupta, Vijai Kumar Frontiers in plant science 2017 / art. 172, 25 p. : ill <https://doi.org/10.3389/fpls.2017.00172> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Absolute quantification of viable bacteria abundances in food by next-generation sequencing : quantitative NGS of viable microbes

Kallastu, Aili; Malv, Esther; Aro, Valter; Meikas, Anne; Vendelin, Mariann; Kattel, Anna; Nahku, Ranno; Kazantseva, Jekaterina Current Research in Food Science 2023 / art. 100443 <https://doi.org/10.1016/j.crfs.2023.100443> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Adaptation of striated muscles to Wolframin deficiency in mice : alterations in cellular bioenergetics

Tepp, Kersti; Puurand, Marju; Timohhina, Natalja; Aid-Vanakova, Jekaterina; Reile, Indrek; Ševtšuk, Igor; Tšekulajev, Vladimir; Eimre, Margus; Peet, Nadežda; Kadaja, Lumme; Paju, Kalju; Käämbre, Tuuli Biochimica et biophysica acta 2020 / art. 129523 <https://doi.org/10.1016/j.bbagen.2020.129523>

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://fntdk.ut.ee/programm-2023/> <https://fntdk.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**; **Vaher, Merike**; **Gorbatšova, 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 eco-efficient agriculture: The plant-soil mycobiome

Pagano, Marcela Claudia; Correa, Eduardo J. Azevedo; Duarte, Neimar F.; Yelikbayev, Bakhytzhani; O'Donovan, Anthonia; **Gupta, Vijai Kumar** Agriculture 2017 / art. 14, 12 p. <https://doi.org/10.3390/agriculture7020014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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/membr.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://fmdtk.ut.ee/teesid/>

Agne. Professor, Märtsijänes ja ema

Velthut-Meikas, Agne; Laiapea, Vahur postimees.ee 2025 [Agne. Professor, Märtsijänes ja ema](#)

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/!/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.; **Lõokene, 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.; **Lõokene, 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 <https://ortus.rtu.lv/science/lv/publications/35091/attachments/7168>

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

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, Katri-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>

Alternative splicing targeting the hTAF4-TAFH domain of TAF4 represses proliferation and accelerates chondrogenic differentiation of human mesenchymal stem cells

Kazantseva, Jekaterina; **Kivil, Anri**; Tints, Kairit; **Kazantseva, Anna**; Neuman, Toomas; **Palm, Kaia** PLoS ONE 2013 / art. e74799 <https://doi.org/10.1371/journal.pone.0074799> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 longterm 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 in situ study of bioenergetic properties of human colorectal cancer: The regulation of mitochondrial respiration and distribution of flux control among the components of ATP synthasome

Kaldma, Andrus; Klepinin, Aleksandr; Chekulayev, Vladimir; Mado, Kati; Shevchuk, Igor; Timohhina, Natalja; Tepp, Kersti;

Kandashvili, Manana; Planken, Margus; Truu, Laura International journal of biochemistry and cell biology 2014 / p. 171-186 : ill

<https://doi.org/10.1016/j.biocel.2014.09.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 Muhlig; 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 süljes 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](#)

Analytical quality by design concept in environmental analysis

Jurjeva, Jelena; Koel, Mihkel Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 22 ; oral 12

https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

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

Zekker, Ivar; Bhowmick, Gourav Dhar; Priks, Hans; Nath, Dibyojyoty; 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

Silak, 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> https://www.ester.ee/record=b5182788*est

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://www.ester.ee/record=b5182788*est)

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, 2022Debrecen, 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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://fmdk.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>

The applicability of sulfoxide Michael acceptor - 2-(S)-[(4-methylphenyl)sulfinyl]-2-cyclopenten-1-one in constructing the carbon skeleton of 9,11-secoosterols

Rõuk, Kristi; **Kõllo, Marek**; **Järving, Ivar**; **Lopp, Margus** Proceedings of the Estonian Academy of Sciences 2024 / p. 223-227 : ill <https://doi.org/10.3176/proc.2024.3.06>

Application of activated carbon derived from seed shells of Jatropha curcas for decontamination of zearalenone mycotoxin

Kalagatur, Naveen K.; Karthick, Kumarvel; Allen, Joseph A.; Chandranayaka, Siddaiah; **Gupta, Vijai Kumar**; Ghosh, Oripambil Sivaraman Nirmal; Krishna, Kadirvelu; Mudili, Venkataramana Frontiers in pharmacology 2017 / art. 760, 13 p. : ill <https://doi.org/10.3389/fphar.2017.00760> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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

Martõnova, Jevgenija; Adamson, Jasper; Kaabel, Sandra; Šubin, Kirill; **Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 2 https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

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 kasutamise 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

Rosenvald, 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; Joenvaara, Sakari Foods 2020 / art. 979, 11 p. : ill <https://doi.org/10.3390/foods9080979> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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; Trikkel, 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; Pregel, 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; Kevvai, Kaspar; Nisamedtinov, Ildar; Hälvin, Kristel Analytical and bioanalytical chemistry 2017 / p. 6475-6484 : tab <https://doi.org/10.1007/s00216-017-0592-3> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of soluble skin surface protein levels for monitoring psoriasis vulgaris in adult psoriasis patients using non-invasive transdermal analysis patch: A pilot study

Orro, Kadri; Salk, Kristiina; Abram, Kristi; Arshavskaja, Jelena; Meikas, Anne; Karelson, Maire; Neuman, Toomas; Kingo, Külli; Spee, Pieter Frontiers in medicine 2023 / art. 1072160, 8 p. : ill <https://doi.org/10.3389/fmed.2023.1072160> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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; Damdimopoulou, Paulina Environmental research 2023 / art. 114447, 14 p. : ill <https://doi.org/10.1016/j.envres.2022.114447> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Association of the cystatin C/creatinine ratio with the renally cleared hormones parathyroid hormone (PTH) and brain natriuretic peptide (BNP) in primary care patients : a cross-sectional study

Risch, Martin; Risch, Lorenz; **Purde, Mette**; Renz, Harald; Ambühl, Patrice; Szucs, Thomas; Tomonaga, Yuki Scandinavian Journal of Clinical and Laboratory Investigation 2016 / p. 379 - 385 <https://doi.org/10.1080/00365513.2016.1183262> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 cyclopropanation via an electro-organocatalytic cascade

Krech, Anastasiya; Laktsevich-Iskryk, Marharyta; Deil, Nora; Fokin, Mihhail; Kimm, Mariliis; Ošeka, Maksim Chemical communications 2024 / 14026-14029 <https://doi.org/10.1039/D4CC05092D> [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 tetrahydrofuranyl 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 <https://doi.org/10.1055/s-0036-1588299> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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: Analyses of non-coding somatic drivers in 2,658 cancer whole genomes (Nature, (2020), 578, 7793, (102-111), 10.1038/s41586-020-1965-x)

Rheinbay, Esther; Nielsen, Morten Muhlig; Abascal, Federico; Wala, Jeremiah A.; Shapira, Ofer; Tiao, Grace; Hornshøj, Henrik; Hess, Julian M.; Juul, Randi Istrup; Lin, Ziao; Feuerbach, Lars; Sabarinathan, Radhakrishnan; Uusküla-Reimand, Liis Nature 2023 / p. E40 <https://doi.org/10.1038/s41586-022-05599-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Author Correction: Butler enables rapid cloud-based analysis of thousands of human genomes (Nature Biotechnology, (2020), 38, 3, (288-292), 10.1038/s41587-019-0360-3)

Yakneen, Sergei; Waszak, Sebastian M.; Aminou, Brice; Bartolome, Javier; Boroevich, Keith A.; Boyce, Rich; Brooks, Angela N.; Buchanan, Alex; Buchhalter, Ivo; Butler, Adam P.; Byrne, Niall J.; Cafferkey, Andy; Uusküla-Reimand, Liis Author Correction: Butler enables rapid cloud-based analysis of thousands of human genomes (Nature Biotechnology, (2020), 38, 3, (288-292), 10.1038/s41587-019-0360-3) 2023 / p. 577 <https://doi.org/10.1038/s41587-022-01554-1> [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: Comprehensive analysis of chromothripsis in 2,658 human cancers using whole-genome sequencing (Nature Genetics, (2020), 52, 3, (331-341), 10.1038/s41588-019-0576-7)

Cortés-Ciriano, Isidro; Lee, Jake June-Koo; Xi, Ruibin; Jain, Dhawal; Jung, Youngsook Lucy; Yang, Lixing; Gordenin, Dmitry A.; Klimczak, Leszek J.; Zhang, Cheng-Zhong; Pellman, David S.; Akdemir, Kadir Caner; Alvarez, Eva Garcia; Uusküla-Reimand, Liis Nature Genetics 2023 / p. 1076 <https://doi.org/10.1038/s41588-023-01315-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Author Correction: Comprehensive molecular characterization of mitochondrial genomes in human cancers (Nature Genetics, (2020), 52, 3, (342-352), 10.1038/s41588-019-0557-x)

Yuan, Yuan; Ju, Young Seok; Kim, Youngwook; Li, Jun; Wang, Yumeng; Yoon, Christopher J.; Yang, Yang; Martincorena, Inigo; Creighton, Chad J.; Weinstein, John N.; Xu, Yanxun; Han, Leng; Uusküla-Reimand, Liis Nature Genetics 2023 / p. 892 <https://doi.org/10.1038/s41588-020-0629-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Author Correction: Comprehensive molecular characterization of mitochondrial genomes in human cancers (Nature Genetics, (2020), 52, 3, (342-352), 10.1038/s41588-019-0557-x)

Yuan, Yuan; Ju, Young Seok; Kim, Youngwook; Li, Jun; Wang, Yumeng; Yoon, Christopher J.; Yang, Yang; Martincorena, Inigo; Creighton, Chad J.; Weinstein, John N.; Xu, Yanxun; Han, Leng; Uusküla-Reimand, Liis Nature Genetics 2023 / p. 1078

Author Correction: Disruption of chromatin folding domains by somatic genomic rearrangements in human cancer (Nature Genetics, (2020), 52, 3, (294-305), 10.1038/s41588-019-0564-y)

Akdemir, Kadir Caner; Le, Victoria T.; Chandran, Sahaana; Li, Yilong; Verhaak, Roel G.W.; Beroukhir, Rameen; Campbell, Peter J.; Chin, Lynda; Dixon, Jesse R.; Futreal, Phillip Andrew; Akdemir, Kadir Caner; Alvarez, Eva Garcia; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 1079 <https://doi.org/10.1038/s41588-023-01318-w> 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)

Ermits, 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 basis for RNA alterations in cancer (Nature, (2020), 578, 7793, (129-136), 10.1038/s41586-020-1970-0)

Calabrese, Claudia; Davidson, Natalie R.; Demircioğlu, Deniz; Fonseca, Nuno A.; He, Yao; Kahles, André; Lehmann, Kjong-Van; Liu, Fenglin; Shiraishi, Yuichi; Soulette, Cameron M.; Urban, Lara; Shiraishi, Yuichi; **Uusküla-Reimand, Liis** Nature 2023 / p. E37 <https://doi.org/10.1038/s41586-022-05596-y> 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; Beroukhir, 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: Pan-cancer analysis of whole genomes identifies driver rearrangements promoted by LINE-1 retrotransposition (Nature Genetics, (2020), 52, 3, (306-319), 10.1038/s41588-019-0562-0)

Rodríguez-Martin, Bernardo; Alvarez, Eva Garcia; Baez-Ortega, Adrian; Zamora, Jorge; Supek, Fran; Demeulemeester, Jonas; Santamarina, Martin; Temes, Javier; Garcia-Souto, Daniel; Detering, Harald; Li, Yilong; Rodríguez-Castro, Jorge; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 1080 <https://doi.org/10.1038/s41588-023-01319-9> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Pan-cancer analysis of whole genomes (Nature, (2020), 578, 7793, (82-93), 10.1038/s41586-020-1969-6)

Aaltonen, Lauri A.; Abascal, Federico; Abeshouse, Adam; Aburatani, Hiroyuki; Adams, David J.; Agrawal, Nishant; Ahn, Keun Soo; Ahn, Sung-Min; Aikata, Hiroshi; Akbani, Rehan; Akdemir, Kadir Caner; Al-Ahmadie, Hikmat; **Uusküla-Reimand, Liis** Nature 2023 / p. E39 <https://doi.org/10.1038/s41586-022-05598-w> 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

Author Correction: Patterns of somatic structural variation in human cancer genomes (Nature, (2020), 578, 7793, (112-121), 10.1038/s41586-019-1913-9)

Li, Yilong; Roberts, Nicola D.; Wala, Jeremiah A.; Shapira, Ofer; Schumacher, Steven E.; Kumar, Kiran; Khurana, Ekta; Waszak, Sebastian; Korbel, Jan O.; Haber, James E.; Imielinski, Marcin; Akdemir, Kadir Caner; **Uusküla-Reimand, Liis** Nature 2023 / p. E38
<https://doi.org/10.1038/s41586-022-05597-x> 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)

Rubanov, Yulia; Shi, Ruian; Harrigan, Caitlin F.; Li, Roujia; Wintersinger, Jeff; Sahin, Nil; Deshwar, Amit G.; Dentre, 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

Author Correction: The evolutionary history of 2,658 cancers (Nature, (2020), 578, 7793, (122-128), 10.1038/s41586-019-1907-7)

Gerstung, Moritz; Jolly, Clemency; Leshchiner, Ignaty; Dentre, Stefan C.; Gonzalez, Santiago; Rosebrock, Daniel; Mitchell, Thomas J.; Rubanov, Yulia; Anur, Pavana; Yu, Kaixian; Tarabichi, Maxime; Deshwar, Amit; **Uusküla-Reimand, Liis** Nature 2023 / p. E42
<https://doi.org/10.1038/s41586-022-05601-4> Journal metrics at Scopus Article at Scopus

Author Correction: The landscape of viral associations in human cancers (Nature Genetics, (2020), 52, 3, (320-330), 10.1038/s41588-019-0558-9)

Zapatka, Marc; Borozan, Ivan; Brewer, Daniel S.; Iskar, Murat; Grundhoff, Adam; Alawi, Malik; Desai, Nikita; Sülthmann, Holger; Moch, Holger; Cooper, Colin S.; Eils, Roland; Ferretti, Vincent; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 1077
<https://doi.org/10.1038/s41588-023-01316-y> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: The repertoire of mutational signatures in human cancer (Nature, (2020), 578, 7793, (94-101), 10.1038/s41586-020-1943-3)

Alexandrov, Ludmil B.; Kim, Jaegil; Haradhvala, Nicholas J.; Huang, Mi Ni; Tian Ng, Alvin Wei; Wu, Yang; Boot, Arnould; Covington, Kyle R.; Gordenin, Dmitry A.; Bergstrom, Erik N.; Islam, S. M. Ashiqul; **Uusküla-Reimand, Liis** Nature 2023 / p. E41
<https://doi.org/10.1038/s41586-022-05600-5> 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; Gorbatošova, 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

Balancing Cultural Acceptability and Environmental Sustainability in Diets through Multi-Objective Optimization

Bashiri, Bashir; Kaleda, Aleksei; **Vilu, Raivo** Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 11 [Future Frontiers \(PDF\)](#)

Bashir Bashiri: Kuidas algoritm aitab meil tervislikumalt süüa

Bashiri, Bashir Trialoog 2025 <https://trialoog.taltech.ee/bashir-bashiri-kuidas-algoritm-aitab-meil-tervislikumalt-suua/>

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](#)

A bayesian estimation of the Milky Way's circular velocity curve using Gaia DR3

Pöder, Sven; Benito, María; Pata, Joosep; Kipper, Rain; Ramler, Heleri; Hütsi, Gert; Kolka, Indrek; Thomas, Guillaume F. *Astronomy and Astrophysics* 2023 / art. A134 <https://doi.org/10.1051/0004-6361/202346474> [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](#)

β-Asarone content and essential oil composition of *Acorus calamus* L. rhizomes from Estonia

Raal, Ain; **Orav, Anne**; **Gretšušnikova, Tatjana** *Journal of Essential Oil Research* 2016 / p. 299 - 304 <https://doi.org/10.1080/10412905.2016.1147391> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

The beneficial effect of reusable food boxes on the green transition

Tähemaa, Toivo; **Sarkans, Martinš**; **Sarand, Inga**; **Pohlak, Meelis**; **Niidas, Alar** *Modern Materials and Manufacturing* 2023 : Tallinn, Estonia, 2–4 May 2023 2024 / art. 030012 <https://doi.org/10.1063/5.0189325> [Conference proceedings at Scopus](#) [Article at Scopus](#)

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>

Bimetallic metal-organic-framework-derived porous cobalt manganese oxide bifunctional oxygen electrocatalyst

Yusibova, Gulnara; Assafrei, Jürgen-Martin; **Ping, Kefeng**; Aruväli, Jaan; Paiste, Pääm; Käärik, M.; Leis, J.; Piirsoo, Helle-Mai; Tamm, Aile; **Starkov, Pavel** *Journal of electroanalytical chemistry* 2023 / art. 117161, 10 p.: ill <https://doi.org/10.1016/j.jelechem.2023.117161> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 / p. 13275-13284

<https://doi.org/10.1021/acsomega.3c00538> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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, Oghenetaji 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 Ramachandrappa; 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 uudeid ravimeetodeid

Alvela, Ain TööstusEST 2023 / lk. 24-26 : portr https://www.estar.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

Kõrge, Kristi 2021 https://www.estar.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](#)

[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 2017 / p. 847-859 : ill <https://doi.org/10.1016/j.tibtech.2017.05.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Hasan, Mohammed Mehedi; Viil, Janeli; Lättelkivi, 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](#)

The breaking of symmetry leads to chirality in cucurbituril-type hosts : [the article in collection]

Aav, Riina; **Mishra, Kamini Atindrakumar** Chiral Auxiliaries and Chirogenesis 2021 / p. 1-26 : ill <https://doi.org/10.3390/books978-3-0365-1017-0> <https://doi.org/10.3390/sym10040098>

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](#)

C3-symmetric opioid scaffolds are pH-responsive DNA condensation agents

McStay, Natasha; Molphy, Zara; Coughlan, Alan; Cafolla, Attilio; McKee, Vickie; **Gathergood, Nicholas**; Kellett, Andrew Nucleic acids research 2017 / p. 527-540 : ill <https://doi.org/10.1093/nar/gkw1097> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Roots, Kaisa; **Truu, Liisa**; Suurmaa, Külliki; Rütütmann, Anna Maria; **Spuul, Pirjo** EHMSG - 35th International Workshop on

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

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; Pazienza, Valerio Clinical chemistry and laboratory medicine (CCLM) 2017 / p. 138-146 : ill <https://doi.org/10.1515/cclm-2016-1158> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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, Diala; Ocsenas, Oliver; Liang, Minggao; Thompson, J. Drew; Li, Yao; Ruan, Luyao; Krassowski, Michal; Dzeladze, 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 (Δ^9 -THC and CBD) quantitative analysis by in-situ portable drug analyzer Drug Hunter

Gorbatšova, Jelena; 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 (Δ^9 -THC and CBD) quantitative analysisby in-situ portable drug analyzer Drug Hunter

Gorbatšova, Jelena; Bolvadze, 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](#)

Carbon sources influence Fumonisin production in *Fusarium proliferatum*

Li, Taotao; Gong, Liang; Jiang, Guoxiang; Wang, Yong; **Gupta, Vijai Kumar**; Qu, Hongxia; Duan, Xuewu; Wang, Jiasheng; Jiang, Yueming *Proteomics* 2017 / art. 1700070, 15 p. : ill <https://doi.org/10.1002/pmic.201700070> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

Ward, Jas S.; **Martónova, Jevgenija**; 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 congrès de la Société Française d'Angiogenèse : 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, 12 p. : ill <https://doi.org/10.1016/j.jbc.2023.105129> [Journal metrics at Scopus](#) [Article at Scopus](#)

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 to 2019 : a decomposition analysis of drivers

Bashiri, Behzad; Zehtabvar, Mehraz; Gavrilova, O.; **Vilu, Raivo** Agronomy research 2023 / p. 428-438 : ill <https://doi.org/10.15159/AR.23.018> [Journal metrics at Scopus](#) [Article at Scopus](#)

Change in the carbon footprint of Iranians' food consumption from 1961 to2019: A decomposition analysis of drivers

Bashiri, Bashir; Zehtabvar, Mehraz; 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.intpag.org/2017/113-newsroom/news-xxv/295-pag-xxv-links>

Characterization of bacterial dye-decolorizing peroxidases = Bakteriaalsete värvi pleegitavate peroksüdaaside iseloomustamine

Pupart, Hegne 2024 https://www.ester.ee/record=b5713840*est <https://digikogu.taltech.ee/et/Item/d40055e9-2600-4e49-8aec-3f561267772e> <https://doi.org/10.23658/taltech.72/2024>

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://fmtdk.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, 14 p. : ill <https://doi.org/10.1016/j.fufo.2023.100243> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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, Sergo; **Piirsoo, Marko** Biochemistry 2018 / p. 5456–5465 <https://doi.org/10.1021/acs.biochem.8b00356> [Journal metrics at Scopus](#) [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> [Journal metrics at Scopus](#) [Article at Scopus](#)

Characterization of the ensemble of lignin-remodeling DyP-type Peroxidases from Streptomyces coelicolor A3(2)

Pupart, Hegne; Jõul, Piia; Bramanis, Melissa Ingela; Lukk, Tiit Energies 2023 / art. 1557, 15 p. : ill <https://doi.org/10.3390/en16031557> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of Uranyl (UO₂²⁺) ion binding to Amyloid Beta (A β) peptides : effects on A β structure and aggregation

Berntsson, Elina; Vosough, Faraz; **Noormägi, Andra;** Padari, Kärt; Asplund, Fanny; Gielnik, Maciej; Paul, Suman; Jarvet, Jüri; **Tõugu, Vello; Palumaa, Peep** ACS chemical neuroscience 2023 / p. 2618-2633 : ill <https://doi.org/10.1021/acscchemneuro.3c00130> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Gryko, Dorota; Szumna, Agnieszka; Aav, Riina; Soos, Tibor Organic letters 2023 / p. 6237-6239 <https://doi.org/10.1021/acs.orglett.3c02621> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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.ester.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;** Junusova, 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.llu.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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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://fntdk.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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 : ill https://doi.org/10.1142/9789811259227_0004 https://www.estel.ee/record=b5748359*est

Chirogenesis in Chemical Science

2023 <https://doi.org/10.1142/12915> https://www.estel.ee/record=b5748359*est

Chirogenesis in supramolecular systems

Ustrnul, Lukas; **Borovkov, Victor**; **Aav, Riina** Chirogenesis in Chemical Science 2023 / p. 69-123 : ill https://doi.org/10.1142/9789811259227_0002 https://www.estel.ee/record=b5748359*est

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

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 / p. 75-85 <https://doi.org/10.1016/j.jare.2023.01.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 Nand; **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; Päre, 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, Ritums; **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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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 Kumar; 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.; **Lõokene, Aivar** PLoS ONE 2023 / art. e0283358, 24 p. : ill <https://doi.org/10.1371/journal.pone.0283358> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

<https://doi.org/10.1038/s41467-019-13929-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 content and composition of essential oils of Thymus vulgaris L. from different regions of Europe

Raal, Ain; Gontova, Tetiana; Palmeos, Maie; **Orav, Anne**; Sayakova, Galiya; Koshovyi, Oleh Proceedings of the Estonian Academy of Sciences 2024 / p. 332-344 <https://doi.org/10.3176/proc.2024.4.02>

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](#)

[at WOS](#)

Comparative genomic analysis of monosporial 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](#)

Comparison of sulfate-reducing and conventional Anammox upflow anaerobic sludge blanket reactors

Rikmann, Ergo; Zekker, Ivar; Tomingas, Martin; Vabamäe, Priit; Kroon, Kristel; Saluste, Alar; Tenno, Taavo; Menert, Anne; Rubin, Sergio S.C. Journal of bioscience and bioengineering 2014 / p. 426-433 : ill <https://doi.org/10.1016/j.jbiosc.2014.03.012> [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; **Gorbatšova, 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; **Gorbatšova, 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Complexity of human ovarian folliculogenesis : molecular markers of ovarian-based infertility and the impact of endocrine-disrupting chemicals = Inimese munasarja follikulogeneesi keerukus : munasarjapõhise viljatuse molekulaarsed markerid ja endokriinsüsteemi mõjutavate kemikaalide toime

Rosenberg, Kristine 2024 <https://digikogu.taltech.ee/et/Item/b5bf60bf-a458-4fee-a796-a61f00a243c9>
https://www.ester.ee/record=b5700249*est <https://doi.org/10.23658/taltech.52/2024>

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 <https://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 2020 / p. 1089–1096 <https://doi.org/10.1055/a-1158-1699> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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; **Bljahhina, Anastassia**; Kince, Tatjana; **Traksmaa, Anna**; Klava, Dace Foods 2023 / art. 155 <https://doi.org/10.3390/foods12010155> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

A comprehensive review on biological properties of citrinin

Oliveira Filho, José Williams Gomes de; Islam, Muhammad Torequl; Ali, Eunus S.; Uddin, Shaikh Jamal; de Oliveira Santos, Jose Victor; Oliveira Barros de Alencar, Marcus Vinicius; Gomes, Antonio Luiz, Júnior; Paz, Márcia Fernanda Correia Jardim; Dos Remédios Mendes De Brito, Maria; Gupta, Vijai Kumar Food and chemical toxicology 2017 / p. 130-141 : ill <https://doi.org/10.1016/j.fct.2017.10.002> [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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Concepts and criteria defining emerging microbiome applications

Kostic, Tanja; Schlöter, Michael; Arruda, Paulo; Berg, Gabriele; Charles, Trevor C.; Cotter, Paul D.; Kiran, George Seghal; Lange, Lene; Maguin, Emmanuelle; Meisner, Annelein; van Overbeek, Leo; Sanz, Yolanda; **Sarand, Inga**; Selvin, Joseph; Tsakalidou, Effie; Smidt, Hauke; Wagner, Martin; Sessitsch, Angela Microbial biotechnology 2024 / art. e14550, 11 p. : ill <https://doi.org/10.1111/1751-7915.14550> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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.

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; Viiaard, 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; Viiaard, 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](#)

Controlling chirogenic effects in porphyrin based supramolecular systems: theoretical analysis versus experimental observations

Osadchuk, Irina; Luts, Hanna-Eliisa; Zahharova, Aleksandra; Tamm, Toomas; Borovkov, Victor *ChemPhysChem* 2024 / art. e202400104 <https://doi.org/10.1002/cphc.202400104> [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(I)-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(I)-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: Impact of nonoptimal intakes of saturated, polyunsaturated, and trans fat on global burdens of coronary heart disease. [J Am Heart Assoc. (2016) 5, e002891.] Doi:10.1161/JAHA.115.002891

Wang, Qianyi; Afshin, Ashkan; Yakoob, Mohammad Yawar; Singh, Gitanjali M.; Rehm, Colin D.; Khatibzadeh, Shahab; Micha, Renata; **Vaask, Sirje** *Journal of the American Heart Association* 2016 / p. 1 <https://doi.org/10.1161/JAHA.115.002076> [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; Kortesiemi, 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](#)

Cost-effective, fast and easy detection of polomyxa graminis and of the viruses it transmits to cereal crops

Sõmera, Merike; Niehl, Annette Euphresco 2023 / 2 p. <https://zenodo.org/records/10055321> <https://doi.org/10.5281/zenodo.10053691>

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; Bruegmann, 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 / p. 1144-1165 <https://doi.org/10.1016/j.tplants.2023.05.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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 <https://doi.org/10.1111/febs.13965> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at Scopus](#)

Cryo-protective effect of ice-binding proteins produced by Pseudomonas fluorescens AQP671 on wholegrain wheat bread dough during freezing and frozen storage

Luhila, Önnela; **Karro, Kadi**; **Zakrevskaja, Karina**; **Nisamedtinov, Ildar**; **Paalme, Toomas**; **Laos, Katrin** LWT - food science and technology 2024 / art. 117160, 13 p. : ill <https://doi.org/10.1016/j.lwt.2024.117160> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Mariichak, 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-ss-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](#)

A culturally acceptable shift in diet to reduce land footprint: an optimization study for Estonia

Bashiri, Bashir; Kaleda, Aleksei; Gavrilova, Olga; Vilu, Raivo Environmental modeling & assessment 2024 / 15 p
<https://doi.org/10.1007/s10666-024-09996-4>

A culturally acceptable shift in diet to reduce land footprint: an optimization study for Estonia

Bashiri, Bashir; Kaleda, Aleksei; Gavrilova, Olga; Vilu, Raivo World Congress on Sustainable Technologies (WCST-2023) : proceedings 2023 / p. 73 <https://doi.org/10.20533/WCST.2023.0002>

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 Syntheticum (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> https://www.ester.ee/record=b5228157*est

The cystatin C/creatinine ratio, a marker of glomerular filtration quality: Associated factors, reference intervals, and prediction of morbidity and mortality in healthy seniors

Purde, Mette; Nock, Stefan; Risch, Lorenz; Medina Escobar, Pedro; Grebhardt, Chris; Nydegger, Urs E.; Stanga, Zeno; Risch, Martin Translational Research 2016 / p. 80 - 90.e2 <https://doi.org/10.1016/j.trsl.2015.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

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; Säälk, 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://fmdk.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://fmdk.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 decision-making tool for navigating extracellular vesicle research and product development

Loria, Francesca; Picciotto, Sabrina; Adamo, Giorgia; Zendrini, Andrea; Raccosta, Samuele; Manno, Mauro; Bergese, Paolo; Liguori, Giovanna L.; Bongiovanni, Antonella; Zarovni, Nataša Journal of extracellular vesicles 2024 / art. e70021, 15 p.
<https://doi.org/10.1002/jev2.70021> [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, Gurmit; 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](#)

Deep reinforcement learning-based digital twin for droplet microfluidics control

Gyimah, Nafisat; **Scheler, Ott**; **Rang, Toomas**; **Pardy, Tamas** Physics of Fluids 2023 / art. 082020 <https://doi.org/10.1063/5.0159981> [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; **Gorbatšova, 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 = Hüdroksaamhapetel 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 AChE reactivators using versatile molecular platforms and nanodiamonds

Karpichev, Yevgen; **Kapitanov, Illia**; **Bondar, Denys**; Mochalin, Vadym 15th International Meeting on Cholinesterases, 9th International Conference on Paraoxonases : Programme and Book of Abstracts 2024 / p. 92 https://www.chepon2024.com/wp-content/uploads/2024/09/CHEPON2024_Book_of_Abstracts.pdf

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

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://fmdk.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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

The design-build-test-learn cycle for investigating lipid synthesis in oleaginous Rhodotorula toruloides

Rekena, Alina; Gavrilovic, Srdjan; Lahtvee, Petri-Jaan The 7th applied synthetic biology in Europe : programme and abstracts 2024 / p. 80 <https://bipeek-resources-onsite-prd.s3.amazonaws.com/54015/ASBE7-Programme-and-Abstract-Book.pdf?v=1730830392>

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; Velihina, 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 / art. 102680 <https://doi.org/10.1016/j.anaerobe.2022.102680> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detection and characterization of tick-borne encephalitis virus in Baltic Countries and Eastern Poland

Katargina, Olga; Russakova, Stanislava; Geller, Julia; Kondrusik, Macije; Zajkowska, Joanna; Zygiene, Milda; Bormane, Antra; Trofimova, Julia; Golovljova, Irina *PLoS ONE* 2013 / art. e61374 <https://doi.org/10.1371/journal.pone.0061374> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detection of *Candidatus Neoehrlichia mikurensis* and *Ehrlichia muris* in Estonian ticks

Ivanova, Anna; Geller, Julia; Katargina, Olga; Värvi, Kairi; Lundkvist, Åke; Golovljova, Irina *Ticks and tick-borne diseases* 2017 / p. 13-17 : ill <https://doi.org/10.1016/j.ttbdis.2016.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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; Roumi, 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination and production of antimicrobial compounds by *Aspergillus clavatonanicus* strain MJ31, an endophytic fungus from *Mirabilis jalapa* L. using UPLC-ESI-MS/MS and TD-GC-MS analysis

Mishra, Vineet Kumar; Passari, Ajit Kumar; Chandra, Preeti; Leo, Vincent Vineeth; Kumar, Brijesh; Uthandi, Sivakumar; Thankappan, Sugitha; Gupta, Vijai Kumar; Singh, Bhim Pratap *PLoS ONE* 2017 / art. e0186234, 24 p. <https://doi.org/10.1371/journal.pone.0186234> <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0268371> <https://www.scopus.com/record/display.uri?eid=2-s2.0-85131462947&origin=inward&txId=09dcb2e6296ce2f331ac4a8a8f9cf8d6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 <https://doi.org/10.1002/elps.201600418> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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, 10 p. : ill <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, Juliano 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> https://www.ester.ee/record=b5148514*est

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>

The development of electro-organocatalytic enantioselective cascade Michael reaction

Krech, Anastasiya; Laktsevich-Iskryk, Marharyta; Ošeka, Maksim Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / p. 78 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Duvanova, 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 potent microtubule targeting agent by structural simplification of natural diazonamide

Kalnins, Toms; Vitkovska, V.; Kazak, M.; Zelencova-Gopejenko, D.; Ozola, M.; Narvaiss, N.; Makrecka-Kuka, M.; Domračeva, I.; Konrad, Nele; Aav, Riina Journal of medicinal chemistry 2024 / p. 9227-9259 <https://doi.org/10.1021/acs.jmedchem.4c00388> [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](#)

A DFT study of an organocatalytic enantioselective Mannich Reaction reveals that the enantiodetermining step is associated with the torsional degrees of freedom

Metsala, Andrus; Kriis, Kadri; Kaasik, Mikk; Kanger, Tõnis Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. P83, p. 102 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf

Diagnosis and epidemiology of viruses infecting cereal crops (CEREVIR)

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.ltu.lv/sites/llucs/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
<https://doi.org/10.1038/s41598-022-20849-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Digestibility of protein and estimated bioavailability of mineral compounds in plant-based yoghurt alternatives

Zeinatulina, Anastassia; Tanilas, Kristel; Ehala-Aleksejev, Kristel; Viirard, Ene; Kriščiunaite, Tiina Future foods 2025 / art. 100545
<https://doi.org/10.1016/j.fufo.2025.100545>

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

A direct alkylation of resorcinols

Lopušanskaja, Eleana; Paju, Anne; Järving, Ivar; Lopp, Margus Synthetic communications 2023 / p. 1216-1226 : ill
<https://doi.org/10.1080/00397911.2023.2214645> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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.; Beroukhi, 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

Dissolution of silver nanowires and nanospheres dictates their toxicity to escherichia coli

Visnapuu, Meeri; Joost, Urmas; Juganson, Katre; Künnis-Beres, Kai; Kahru, Anne; Kisand, Vambola; Ivask, Angela BioMed Research International 2013 / art. 819252 <https://doi.org/10.1155/2013/819252> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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.tut14A locus and its implications for cloning of the resistance gene

Janáková, Eva; Jakobson, Irena; Peuša, 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; Zubryski, 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](#)

Diversity and stability of lactic acid bacteria in rye sourdoughs of four bakeries with different propagation parameters

Viiard, Ene; Bessmeltseva, Marianna; Simm, Jaak; Talve, Tiina; Aaspõllu, Anu; Paalme, Toomas; Sarand, Inga PLoS ONE 2016 / art. e0148325 <https://doi.org/10.1371/journal.pone.0148325> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

DNA Hypomethylation and histone variant macroH2A1 synergistically attenuate chemotherapy-induced senescence to promote hepatocellular carcinoma progression

Borghesan, Michela; Fusilli, Caterina; Rappa, Francesca; Panebianco, Concetta; Rizzo, Giovanni; Oben, Jude A.; Mazzocchi, Gianluigi; Faulkes, Chris; **Pata, Illar** Cancer Research 2016 / p. 594 - 606 <https://doi.org/10.1158/0008-5472.CAN-15-1336> [Journal metrics 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.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Doktorant Inge Varik: leian, et naise viljakuse uurimine on meie rahva püsijäämise seisukohalt äärmiselt oluline

Varik, Inge Võrumaa Teataja 2024 / lk. 6 <https://dea.digar.ee/article/vorumaateataja/2024/12/05/10.1>

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>

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. eLife 2024 / art. RP94869 <https://doi.org/10.7554/eLife.94869.3>

Dye-decolorizing peroxidase of Streptomyces coelicolor (ScDyPB) exists as a dynamic mixture of kinetically different oligomers

Pupart, Hegne; Vastõjonok, Darja; **Lukk, Tiit**; Våljamäe, Priit ACS Omega 2024 / p. 3866–3876 : ill

<https://doi.org/10.1021/acsomega.3c07963> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dye-decolorizing peroxidase of Thermobifida halotolerance displays complex kinetics with both substrate inhibition and apparent positive cooperativity

Pupart, Hegne; **Lukk, Tiit**; Våljamäe, Priit Archives of biochemistry and biophysics 2024 / art. 109931, 11 p. : ill

<https://doi.org/10.1016/j.abb.2024.109931> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 cyclohexanohemicurbit[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](#)

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

Kusumahastuti, Dewi Kurnianingsih Arum; Sihtmäe, Mariliis; Aruoja, 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 keskkonnatoksilisuse hindamine : nanoosakeste mõju algloomale Tetrahymena thermophila

Juganson, Katre 2018 <https://digi.lib.ttu.ee/search/> https://www.ester.ee/record=b5056136*est

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 / art. 1171136

<https://doi.org/10.3389/fgene.2023.1171136> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 message : Special track on Intelligent Systems for Digital Era (ISDE)

Robal, Tarmo; Liiv, Innar; Kalibatiene, Diana *SAC '23: Proceedings of the 38th ACM/SIGAPP Symposium on Applied Computing* 2023 / p. 824-825 <https://doi.org/10.1145/3555776>

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 nakkusohtlikuna õhus mitu tundi, pindadel isegi mitu päeva!

Palumaa, Peep *Õhtuleht* 2020 / Lk. 6 <https://tervis.oh tuleht.ee/995397/eesti-biokeemik-hoiatab-koroonaviirus-pusib-nakkusohtlikuna-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.oh tuleht.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.oh tuleht.ee* 2020 / fot <https://tervis.oh tuleht.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 iduettevõtte ÄIO sai investoritelt demotehase ehituseks kuus miljonit eurot

arileht.delfi.ee 2024 [Eesti iduettevõtte ÄIO sai investoritelt demotehase ehituseks kuus miljonit eurot](#)

Eesti inimesed tarvitavad kiudaineid soovitatust sageli vähem [Võrguväljaanne]

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

Eesti ja Taani teadlased leidsid soolestiku tervendamisel abi viirustest

novaator.err.ee 2025 [Eesti ja Taani teadlased leidsid soolestiku tervendamisel abi viirustest](#)

Eesti katlamajades puidu põletamisel tekkiva tuha keemilisest koostisest

Raave, Henn; Ots, Katri; Pitk, 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 <https://arileht.delfi.ee/artikkel/87390881/eesti-kaitub-rahvusliku-rikkuse-polevkiviga-nagu-laps-kes-esmalt-soob-tordilt-ara-kaunistused>

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 riiklikud toitumise, liikumise ja uneaja soovitused : Tabelraamat

Pitsi, Tagli; Lauk, Janne; Nurk, Eha; Priinits, Marit; Zilmer, Mihkel; Ehala-Aleksejev, Kristel; Parts, Laine; Villa, Inga; Vaher, Ivi; Oja, Leila 2025 https://www.ester.ee/record=b5722633*est https://www.tai.ee/sites/default/files/2025-01/tabelraamat_13.1.25.pdf

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

Aav, Riina; Soomere, Tarmo; Uemaa, Evelyn; Raidal, Martti Sirp 2024 / lk. 34-36 : fot <https://www.sirp.ee/s1-artiklid/c21-teadus/eesti-sai-uued-teaduse-tippkeskused-kuidas-kellele-ja-milleks/>

Eesti suur käis terviseuuringutel

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

Eesti süvatehnoloogia lipulaevad, kes suutsid kehvast majanduses raha kaasata

geenius.ee 2024 [Eesti süvatehnoloogia lipulaevad, kes suutsid kehvast majanduses raha kaasata](#)

Eesti tarbija suur vastuolu: magusat tahab, aga suhkrut kardab

Mägi, Kristjan Ats; **Pitsi, Tagli** Eesti Päevaleht 2019 / lk. 18-19 <https://arileht.delfi.ee/artikkel/86422291/eesti-tarbija-suur-vastuolu-magusat-tahab-aga-suhkrut-kardab>

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 soovib: milline on maitsev alternatiiv lihale?

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

Eesti teadlane: pikem plaan on vääridada CO2 toiduks

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

Eesti teadlase töö apolipoproteiin B kohta avaldati ajakirjas Nature

Rospu, Piret med24.ee 2024 [Eesti teadlase töö apolipoproteiin B kohta avaldati ajakirjas Nature](#)

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 avastasid uue viisi põlevkivi väärimiseks

Piir, Rait novaator.err.ee 2024 [Eesti teadlased avastasid uue viisi põlevkivi väärimiseks](#)

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 teadlased vääridavad fenoolveest roosiõli

novaator.err.ee 2024 [Eesti teadlased vääridavad fenoolveest roosiõli](#)

Eesti teadlaste leid võib sillutada teed uut moodi depressiooniravile

novaator.err.ee 2025 <https://novaator.err.ee/1609664366/eesti-teadlaste-leid-voib-sillutada-teed-uut-moodi-depressiooniravile> <https://doi.org/10.1523/JNEUROSCI.0313-24.2025>

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 tõi 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_AbtractBook-SOU-Preview.pdf

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

Rosend, Julia; Kaleda, Aleksei; Kuldjärv, 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 green co-solvents on properties and synthesis of cellulose esters in superbase ionic liquid

Tarasova, Elvira; Savale, Nutan Bharat; Trifonova, Lada; Krasnou, Illia; Reile, Indrek; **Kudrjašova, Marina**; Mere, Arvo;

Kaljuvee, Tiit; Mikli, Valdek; Sedrik, Rauno; **Krumme, Andres** Cellulose 2024 / p. 4911-4927 <https://doi.org/10.1007/s10570-024-05920-x> [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

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

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

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

Singh, Chhatrapal; 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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> https://www.ester.ee/record=b5148492*est

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://digikoju.taltech.ee/et/Item/b5e0d31c-c48f-47ba-a629-b176661ae385> https://www.ester.ee/record=b5645593*est

Efficient dark fermentative hydrogen production from enzyme hydrolyzed rice straw by Clostridium pasteurianum (MTCC116)

Srivastava, Neha; Srivastava, Manish; Kushwaha, Deepika; **Gupta, Vijai Kumar**; **Manikanta, Ambepu**; Ramteke, Pramod Wasudeo; **Mishra, Pradeep Kumar** Bioresource technology 2017 / p. 552-558 : ill <https://doi.org/10.1016/j.biortech.2017.04.077> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

EGFR signaling promotes β -cell proliferation and survivin expression during pregnancy

Hakonen, Elina; Ustinov, Jarkko; **Palgi, Jaan**; Miettinen, Päivi J.; Otonkoski, Timo PLoS ONE 2014 / art. e93651, 11 p. : ill <https://doi.org/10.1371/journal.pone.0093651> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Ehitusmaavarakarjääride 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

Aaralaid, Annela; **Esvald, Eli-Eelika**; **Koppel, Indrek**; **Parkman, Annabel**; Zhuravskaya, Anna; Makeyev, Eugene V.; **Tuvikene, Jürgen**; **Timmusk, Tõnis** Glia 2023 / p. 90-110 : ill <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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Embedded blur-free single-image acquisition pipeline for droplet microfluidic imaging flow cytometry (IFC)

Afrin, Fariha; Pärnamets, Kaiser; Le Moullec, Yannick; Udal, Andres; Koel, Ants; Pardy, Tamas; Rang, Toomas IEEE Access 2024 / p. 92431-92441 <https://doi.org/10.1109/ACCESS.2024.3421637> 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](#)

Empty pelvis syndrome: PelvEx Collaborative guideline proposal

West, Charles Timothy; West, Malcolm A.; Mirnezami, Alexander H.F.; Drami, Ioanna; Denys, Andreas; Glyn, Tamara; Sutton, Paul Anthony; Tieman, James P.; Behrenbruch, Corina C.; Guerra, Glen R.; Waters, Peadar S.; **Teras, Jüri** British Journal of Surgery 2023 / p. 1730 - 1731 <https://doi.org/10.1093/bjs/znad301>

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 [8+2] cycloadditions of photogenerated ketenes

Kaasik, Mik; Anker Jørgensen, K.; Eugui, M. Balticum Organicum Synthetium (BOS 2024) : Book of Abstracts 2024 / art. P47, p. 66 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf

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 <https://doi.org/10.1021/jacs.7b04086> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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, Mik; Martõnova, Jevgenija; 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, Jevgenija; 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 Scopus](#) [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 <https://doi.org/10.1021/acs.orglett.7b01519> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enantioselective organocatalytic Michael addition to unsaturated indolyl ketones

Trubitsõn, Dmitri; Martõnova, Jevgenija; 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

End elusrakkude olemusse puuritud õpetlane tähistab juubelit

Sinijärv, Riivo postimees.ee 2025 [End elusrakkude olemusse puuritud õpetlane tähistab juubelit](#)

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 Fungi: a hidden reservoir of next generation biopharmaceuticals

Singh, Brahma N.; Upreti, Dalip K.; Gupta, Vijai Kumar; Dai, Xiao-Feng; Jiang, Yueming Trends in biotechnology 2017 / p. 808-813 <https://doi.org/10.1016/j.tibtech.2017.03.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Endometrial transcriptome analysis indicates superiority of natural over artificial cycles in recurrent implantation failure patients undergoing frozen embryo transfer

Altmäe, Signe; Tamm-Rosenstein, Karin; Esteban, Francisco J.; **Simm, Jaak;** Kolberg, Liis; Peterson, Hedi; Metsis, Madis Reproductive BioMedicine Online 2016 / p. 597 - 613 <https://doi.org/10.1016/j.rbmo.2016.03.004> [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 Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy Metabolism of Cancer: Unravelling Complexities Through Multiparameter Metabolic Analysis = Energia metabolism vähis: multiparameetriline metaboolne analüüs

Miller, Sten 2025 https://www.ester.ee/record=b5747050*est <https://digikogu.taltech.ee/et/Item/a9603772-0df6-4da7-a018-55213b451759> <https://doi.org/10.23658/taltech.34/2025>

Energy Metabolism Profiling of Human Colorectal Tumours

Reinsalu, Leenu; Miller, Sten; Auditano, Giuseppe Leonardo; Puurand, Marju; Moreno-Sanchez, Rafael; Saavedra, Emma; Valvere, Vahur; Käämbre, Tuuli *Journal of cellular and molecular medicine* 2025 / art. e70462 : ill <https://doi.org/10.1111/jcmm.70462>

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

Enhanced anammox-mediated nitrogen removal in bioelectrochemical systems at prolonged negative electrode potentials

Priks, Hans; Zekker, Ivar; Nava, Antonio Ivan Manuell; Kumar, Rohit; Das, Sovik; **Jaagura, Madis;** Mamun, Faysal-Al; Bhowmick, Gourav Dhar; Tamm, Tarmo; Tenno, Taavo *Environmental Science and Pollution Research* 2024 / p. 63312 - 63324 <https://doi.org/10.1007/s11356-024-35405-0> [Journal metrics at Scopus](#) [Article at Scopus](#)

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 nitrifying-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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Ensuring sustainability in long-term care: Challenges and strategies for the European Union

Khalid, Sadia European Sting 2024 [Ensuring Sustainability in Long-Term Care: Challenges and Strategies for the European Union](#)

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

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://fmdk.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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental and economic life cycle assessment of fish protein and oil extraction using enzymatic hydrolysis

Bashiri, Bashir; Cropotova, Janna; Kvangarsnes, Kristine; **Vilu, Raivo** Life Cycle Innovation Conference (LCIC2024) 2024 / art. 23 <https://fslci.org/lcic/lcic2024/lcic2024-posters/environmental-and-economic-life-cycle-assessment-of-fish-protein-and-oil-extraction-using-enzymatic-hydrolysis/>

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>

Epidemiologically relevant phthalates affect human endometrial cells in vitro through cell specific gene expression changes related to the cytoskeleton and mitochondria

Visser, Nadja; Silva, Antero Vieira; Tarvainen, Ilari; Damdimopoulos, Anastasios; Davey, Eva; **Roos, Kristine**; Björvang, Richelle D.; Kallak, Theodora Kunovac; Lager, Susanne; Lavogina, Darja; Laws, Mary; Piltönen, Terhi; Salumets, Andres; Flaws, Jodi A.; Öberg, Mattias; **Velthut-Meikas, Agne** Reproductive toxicology 2024 / art. 108660 <https://doi.org/10.1016/j.reprotox.2024.108660> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An epigenetic alphabet of crop adaptation to climate change : review article

Guarino, Francesco; Cicalatelli, 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](#)

Epigenetic and transcriptional control of adipocyte function by centenarian-associated SIRT6 N308K/A313S mutant

Frolich, Jan; Liorni, Niccolo; Mangoni, Manuel; Lochmanová, Gabriela; Pirek, Pavlina; Kaštankova, Nikola; **Pata, Pille**; Kucera, Jan; Chaldakov, George N.; Tonchev, Anton B. Clinical epigenetics 2024 / art. 96 <https://doi.org/10.1186/s13148-024-01710-1>

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 to Toxicity of two types of silver nanoparticles to aquatic crustaceans *Daphnia magna* and *Thamnocephalus platyurus* (Environ Sci Pollut Res, 10.1007/s11356-012-1290-5)

Blinova, Irina; Niskanen, Jukka; Kajankari, Paula; **Kanarbik, Liina**; **Käkinen, Aleksandr**; Tenhu, Heikki; Penttinen, Olli-Pekka; Kahru, Anne Environmental Science and Pollution Research 2013 / p. 4293 <https://doi.org/10.1007/s11356-013-1734-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Erratum to: Assessment of Blood Contamination in Biological Fluids Using MALDI-TOF MS (Protein J, 10.1007/s10930-

016-9657-y)

Laks, Katrina; Kirsipuu, Tiina; Dmitrijeva, Tuuli; Salumets, Andres; Palumaa, Peep Protein Journal 2016 / p. 177 - 178

<https://doi.org/10.1007/s10930-016-9660-3> [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](#)

Erratum: More Comprehensive Forensic Genetic Marker Analyses for Accurate Human Remains Identification Using Massively Parallel DNA Sequencing[BMC Genomics. 2016;17 Suppl 9:750.] DOI:10.1186/s12864-016-3087-2

Ambers, Angie D.; Churchill, Jennifer D.; King, Jonathan L.; **Stoljarova, Monika**; Gill-King, Harrell; Assidi, Mourad; Abu-Elmagd, Muhammad; Buhmeida, Abdelbaset; Al-Qahtani, Mohammed; Budowle, Bruce BMC genomics 2017 / art. 312, 1 p.

<https://doi.org/10.1186/s12864-017-3648-z> [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

Estonian food tech startup Äio secures €6 million to turn wood into oils

Tambur, Silver estonianworld.com 2024 [Estonian food tech startup Äio secures €6 million to turn wood into oils](#)

Estonian honey as an anti-Borrelia agent

Laanet, Pille-Riin; Jõul, Piia; Saar-Reismaa, Piret; Bragina, Olga; Vaher, Merike 17th International Scientific Conference "The Vital Nature Sign" : abstract book 2023 / p. 56 <https://portalcris.vdu.lt/server/api/core/bitstreams/a4a6a213-9383-4153-9beb-4d13026e58e5/content>

Estonian scientists' find could pave the way for new depression treatment

err.ee 2025 <https://news.err.ee/1609664915/estonian-scientists-find-could-pave-the-way-for-new-depression-treatment>
<https://doi.org/10.1523/JNEUROSCI.0313-24.2025>

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; Viirard, 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_Abstacts.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; Ružicka, Martin; Gorbats̄ova, Jelena; Mazina-Šinkar, Jekaterina Journal of Chromatography A 2023 / art. 464201 <https://doi.org/10.1016/j.chroma.2023.464201> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at](#)

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.jmben.2024.01.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Evaluation of microbial dynamics of kombucha consortia upon continuous backslopping in coffee and orange juice

Andreson, Maret; Kazantseva, Jekaterina; Malv, Esther; Kuldjärv, Rain; Priidik, Reimo; Kütt, Mary-Liis Foods 2023 / art. 3545 <https://doi.org/10.3390/foods12193545> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Vaikma, 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 sekveneerimise 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 potential of microbial biomass and microbial extracted oils in tribology: a sustainable frontier for environmentally acceptable lubricants

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

Exploring the protein content and odor-active compounds of black soldier fly larvae for future food applications

Huseynli, Lachinkhanim; Parviainen, Tuure; Kyllönen, Tiiu; Aisala, Heikki; **Vene, Kristel** Future foods 2023 / art. 100224 <https://doi.org/10.1016/j.fufo.2023.100224> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exploring the resilience and stability of a defined human gut microbiota consortium : an isothermal microcalorimetric study

Kattel, Anna; **Aro, Valter**; Lahtvee, Petri-Jaan; Kazantseva, Jekaterina; Jöers, Arvi; Nahku, Ranno; Belouah, Isma MicrobiologyOpen

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 <https://doi.org/10.1016/j.aquatox.2017.06.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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; Viiard, 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](#)

Ferrocene-modified resorcinol-formaldehyde aerogels

Panova, L.V.; Lemenovskii, D.A.; Afanasov, M.I.; Krut'ko, D.P.; Popkov, M.A.; Burlutskiy, R.O.; Brusova, M.M.; **Koel, Mihkel**; Bolobajev, Yu; Talanova, V.N. Russian Journal of Physical Chemistry B 2023 / p. 1526-1533 : ill <https://doi.org/10.1134/S1990793123070175> [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> [Journal metrics at Scopus](#) [Article at Scopus](#)

First report of Hosta virus X infecting hosta plants in Ukraine

Shchetykina, A.; Budzanivska, I.; Pereboyshuk, O.; **Sõmera, Merike; Truve, Erkki** Acta virologica 2017 / p. 498-499 https://doi.org/10.4149/av_2017_415 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Flavor Potential and Limitations in Novel Protein Sources : An Integrated Sensory and Chemical Analysis Focused on Off-Flavor Identification = Uudsete valgualikate maitseomadused ja piirangud : integreeritud sensoorne ja keemiline analüüs kõrvalmaitsete tuvastamiseks

Huseynli, Lachinkhanim 2025 <https://digikogu.taltech.ee/et/Item/1ebdc479-a1de-4edf-b4c7-10b45ac49a2c>
https://www.ester.ee/record=b5757718*est <https://doi.org/10.23658/taltech.59/2025>

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; Peusa, 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

Formal synthesis of 9,11-Secosterols

Rõuk, Kristi; Kõllo, Marek; Lopp, Margus Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. 115, p. 134 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf

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 and aerosol jet printing of nickel nanoparticle ink for high-temperature microelectronic applications and patterned graphene growth

McKibben, Nicholas; Curtis, Michael; Maryon, Olivia; Sawyer, Mone't; **Lazouskaya, Maryna**; Eixenberger, Josh; Deng, Zhangxian; Estrada, David ACS Applied Electronic Materials 2024 / p. 748 - 760 <https://doi.org/10.1021/acsaem.3c01175> 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; Oberlinther, Ana; **Körge, Kristi**; Likozar, Blaž; Novak, Uroš International Journal of Biological Macromolecules 2020 / p. 971 - 978 <https://doi.org/10.1016/j.ijbiomac.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, školaad : miks me lohutuse- ja preemiatoiduna ebatervislikke valikuid teeme? Eksperdid selgitavad!

Kipper, Kelly annestiil.delfi.ee 2023 [Friikad, pitsa, školaad: miks me lohutuse- ja preemiatoiduna ebatervislikke valikuid teeme? Eksperdid selgitavad!](https://annestiil.delfi.ee/2023/06/21/friikad-pitsa-školaad-miks-me-lohutuse-ja-preemiatoiduna-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 <https://doi.org/10.1016/j.bbalip.2017.03.011> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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; Rūžicka, 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](#)

Geenide sosinad: TalTechi teadus avab ukse ajutervise saladustesse

Vaaks, Eveliis Trialoog 2025 <https://trialoog.taltech.ee/geenide-sosinad-taltech-teadus-avab-ukse-ajutervise-saladustesse/>

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.llu.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/#>

Gene expression profiling of puberty-associated genes reveals abundant tissue and sex-specific changes across postnatal development

Hou, Huayun; **Uusküla-Reimand, Liis;** Makarem, Maisam; Corre, Christina; Saleh, Shems; Metcalf, Ariane; Goldenberg, Anna;

Palmert, Mark R.; Wilson, Michael D. Human molecular genetics 2017 / p. 3585-3599 : ill <https://doi.org/10.1093/hmg/ddx246> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 suvenisuliini geneetiline analüüs

Jakobson, Irena 2019 <https://digi.lib.ttu.ee/i/?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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 alterations as independent prognostic factors to predict the type of lung cancer recurrence

Valter, A.; **Luhari, Laura**; Pisarev, Heti; Truumees, Birgit; Planken, A.; **Smolander, Olli-Pekka**; Oselin, K. Gene 2023 / art. 147690, 8 p. : ill <https://doi.org/10.1016/j.gene.2023.147690> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

GLI2 cell-specific activity is controlled at the level of transcription and RNA processing : consequences to cancer metastasis

Sadam, Helle; Liivas, Urmas; **Kazantseva, Anna**; **Pruunsild, Priit**; Kazantseva, Jekaterina; **Timmusk, Tõnis**; Neuman, Toomas; **Palm, Kaia** Biochimica et Biophysica Acta - Molecular Basis of Disease 2016 / p. 46 - 55 <https://doi.org/10.1016/j.bbadis.2015.10.008> [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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Glycosylation donors and their reactivities

Miller, Annette Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. 155. p. 174 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf

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

Green chemistry tools in mechanochemistry

Casagrande, Andrea; **Niidu, Allan**; **Aav, Riina**; **Kananovich, Dzmitry**; Colacino, Evelina Reference Module in Chemistry, Molecular Sciences and Chemical Engineering 2024 <https://doi.org/10.1016/B978-0-443-15742-4.00116-2>

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>

Greener pharmaceutical synthesis via mechanochemical C–N bond formation

Nikonovich, Tatsiana; Nallaparaju, Jagadeesh Varma; Jarg, Tatsiana; Kudrjašov, Artjom 13th Paul Walden Symposium : Program and abstracts 2023 / p. 52 https://walden.osi.lv/wp-content/uploads/2023/09/Abstract_book_Walden_2023.pdf

Greener protocol for chloromethylation of lignin and its diverse applications

Mohan, Mahendra Kothottil; Karpichev, Yevgen 2024 MRS Spring Meeting & Exhibit : abstract book 2024 / 1 p
https://www.mrs.org/docs/default-source/meetings-events/spring-meetings/2024/2024-mrs-spring-meeting-abstract-program-3-28-2024.pdf?sfvrsn=d2ef1b09_10

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 <https://tervis.postimees.ee/6457089/toitumisteadlane-hoiatab-greibi-tarbimine-koos-teatud-ravimitega-voib-halvasti-loppeda>

A Guide to biodetection in droplets

Bartkova, Simona; Zapotoczna, Marta; Sanka, Immanuel; Scheler, Ott Analytical chemistry 2024 / p. 9745-9755
<https://doi.org/10.1021/acs.analchem.3c04282> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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://ftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacs.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/>

Hapendatud kõõgiljad võivad aidata erinevate seede probleemide korral

novaator.err.ee 2024 [Hapendatud kõõgiljad võivad aidata erinevate seede probleemide korral](#)

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
<https://doi.org/10.1007/s10722-016-0389-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hapukapsast või hapusaia sööd? Siis osale uuringus!

Maaleht 2023 [Hapukapsast või...](#)

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](#)

Have artificial neural networks met expectations in drug discovery as implemented in QSAR framework?

Dobchev, Dimitar; Karelson, Mati Expert Opinion on Drug Discovery 2016 / p. 627 - 639

<https://doi.org/10.1080/17460441.2016.1186876> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hea leiva keemia ehk mis toimub leivataina sees ja kuidas see mõjub seedimisele?

Adamberg, Kaarel; Adamberg, Signe omamaitse.delfi.ee 2024 [Hea leiva keemia ehk mis toimub leivataina sees ja kuidas see mõjub seedimisele?](#)

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>

Helikobakter – mustade käte haigus. Teadur: kui see on peres, haigestuvad tõenäoliselt ka lapsed

Adamberg, Kaarel; Spuul, Pirjo tervispluss.delfi.ee 2025 <https://tervispluss.delfi.ee/artikkel/120387587/kuula-helikobakter-mustade-kate-haigus-teadur-kui-see-on-peres-haigestuvad-toenaoliselt-ka-lapsed>

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

Ustrnui, 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; Väriv, 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; Väriv, 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

Herned, läätsed ja oad on parimad valguallikad! Kuidas ja kui palju kaunvilju süüa ja kuidas seedesüsteemi nendega harjutada

Adamberg, Signe; Adamberg, Kaarel omamaitse.delfi.ee 2025 <https://omamaitse.delfi.ee/artikkel/120369027/tunne-toitu-herned-laatsed-ja-oad-on-parimad-valguallikad-kuidas-ja-kui-palju-kaunvilju-suua-ja-kuidas-seedesusteemi-nendega-harjutada>

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>

HFIP-promoted nucleophilic ring opening of nonactivated aziridines under continuous flow conditions

Laktsevich-Iskryk, Marharyta; Krech, Anastasiya; Fokin, Mihhail 13th Paul Walden Symposium : Program and abstracts 2023 / p. 47 https://walden.osi.lv/wp-content/uploads/2023/09/Abstract_book_Walden_2023.pdf

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](#)

Higher AMPK activation in mouse oxidative compared with glycolytic muscle does not correlate with LKB1 or CaMKKb expression

Bernasconi, Romain; Soodla, K  rol; Sirp, Alex; Zovo, Kairit; Kuhtinskaja, Maria; Lukk, Tiit; Vendelin, Marko; Birkedal, Rikke American journal of physiology - Endocrinology and metabolism 2025 / p. E21-E33 <https://doi.org/10.1152/ajpendo.00261.2024>

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

Pismenn  i, Dmitri; Kobrin, Eeva-Gerda; K  tt, 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; Řeh  kov  , Daniela; Biazini, Tommaso; Lo Re, Oriana; Raina, Priyanka; Lochmanov  , Gabriela; Zdr  hal,

Zbyněk; Resnick, Igor; **Pata, Pille; Pata, Illar**; Místrík, 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; Meniallava, Darya; **Osadchuk, Irina**; **Aav, Riina**; **Borovkov, Victor**; **Kananovich, Dzmitry** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 44 <http://fmdk.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://fmdk.ut.ee/teesid/>

How different geometrical factors influence on ECD spectra of porphyrin-based supramolecules
Osadchuk, Irina 8th international conference on vibrational optical activity (VOA8) : book of abstracts 2024 / p. 76 https://www.mertenlab.de/wp-content/uploads/2024/08/VOA8_book_of_abstracts.pdf

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; **Vaikka, 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://fmdk.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 centenarian-associated SIRT6 mutants modulate hepatocyte metabolism and collagen deposition in multilineage hepatic 3D spheroids
Frohlich, Jan; Raffaele, Marco; Skalova, Helena; Leire, Eric; Pata, Illar; **Pata, Pille**; Gorbunova, Vera; Vinciguerra, Manlio GeroScience 2023 / p. 1177 - 1196 <https://doi.org/10.1007/s11357-022-00713-1> [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://doi.org/10.1099/jgv.0.000780> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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> https://www.estar.ee/record=b4665007*est

Hüvasti, põlevkivi, tere tulemast, kukersiit!
Lopp, Margus postimees.ee 2024 / lk. 8 <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, Ivar; Brovarets, Volodymyr; Wipf, Peter; Bahar, Ivet; Karpichev, Yevgen Helvetica chimica acta 2023 / art. e202300133, 26 p. : ill <https://doi.org/10.1002/hlca.202300133> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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 analysis of mtDNA genomes attributed to Finns reveal long-stagnant demographic trends obscured in the total diversity

Översti, Sanni; Onkamo, Päivi; Stoljarova, Monika; Budowle, Bruce; Sajantila, Antti; Palo, Jukka U. Scientific reports 2017 / art. 6193, 10 p. : ill <https://doi.org/10.1038/s41598-017-05673-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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; Olspert, 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 bitter off-taste compounds in sunflower press cake using sensomics approach : [abstract]

Huseynli, Lachinkhanim; Hald, Christoph; Dawid, Corinna; Vene, Kristel FoodBalt 2023: 16th Baltic Conference on Food Science and Technology "Traditional Meets Non-Traditional in Future Food", Jelgava, [Latvia], May 11–12, 2023 : abstract book 2023 / p. 128 https://lbtufb.lbtu.lv/conference/foodbalt/2023/FoodBalt_2023_Abstract_book.pdf

Identification of glycolytic proteins as binding partners of Bri2 BRICHOS domain

Tigro, Helene; Shimozaawa, Makoto; Nilsson, Per; Lyashkov, Alexey; Khadeer, Mohammed; Järving, Ivar; Ferrucci, Luigi; Shimmo,

Ruth; Johansson, Jan; Moaddel, Ruin Journal of pharmaceutical and biomedical analysis 2023 / art. 115465, 8 p. : ill <https://doi.org/10.1016/j.jpba.2023.115465> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification of *I. ricinus*, *I. persulcatus* and *I. trianguliceps* species by multiplex PCR

Värv, Kairi; Ivanova, Anna; Geller, Julia; Remm, Jaanus; Jaik, Kertu; Tikunova, Nina; Rar, Vera; Lundkvist, Åke; Golovljova, Irina Ticks and tick-borne diseases 2017 / p. 235-240 : ill <https://doi.org/10.1016/j.ttbdis.2016.11.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification of phthalate mixture exposure targets in the human and mouse ovary in vitro

Tarvainen, Ilari; Soto, Delia A.; Laws, Mary J.; Björvang, Richelle D.; Damdimopoulos, Anastasios; **Roos, Kristine**; Li, Tianyi; Kramer, Stav; Li, Zhong; **Velthut-Meikas, Agne** Reproductive toxicology 2023 / art. 108393, 13 p. : ill <https://doi.org/10.1016/j.reprotox.2023.108393> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](https://arileht.delfi.ee/artikkel/79784662/iga-paev-peotaie-toidulisandite-soomine-kergendab-kehakaalu-aseemel-pigem-kukrut)

Iga päev peotäie toidulisandite söömine kergendab kehakaalu asemel pigem kukrut

Mägi, Kristjan Ats; **Pitsi, Tagli** Eesti Päevaleht 2017 / lk. 17 <https://arileht.delfi.ee/artikkel/79784662/iga-paev-peotaie-toidulisandite-soomine-kergendab-kehakaalu-aseemel-pigem-kukrut>

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; **Löökene, Aivar**; Rinken, Toonika Enzyme and microbial technology 2019 / art. 109360, 6 p. : ill <https://doi.org/10.1016/j.enzymictec.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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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://ftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacts.pdf

Impact of nonoptimal intakes of saturated, polyunsaturated, and trans fat on global burdens of coronary heart disease

Wang, Qianyi; Afshin, Ashkan; Yakoob, Mohammad Yawar; Singh, Gitanjali M.; Rehm, Colin D.; Khatibzadeh, Shahab; Micha, Renata; Shi, Peilin; Mozaffarian, Dariush; Ezzati, Majid; **Vaask, Sirje** Journal of the American Heart Association 2016 / art. e002891

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 level

Amaleviciute-Volunge, Kristina; Volungevicius, Jonas; Ceponkus, Justinas; Platakyte, Rasa; Mockeviciene, Ieva; Slepeliene, Alvyra; **Lepane, Viia** Sustainability 2023 / art. 5921, 22 p <https://doi.org/10.3390/su15075921> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Impact of short-term heat treatment on the structure and functional properties of carrageenans = Lühiajalise termilise töötuse mõju karrageenanide 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

The importance of nutrition in mental health

Khalid, Sadia Medical students international 2023 / p. 18-19 <https://ifmsa.org/wp-content/uploads/2023/09/MSI-44-1-1.pdf>

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; Statkeviciute, Gražina; **Sarmiento Guerin, Maria Cecilia** Frontiers in plant science 2023 / art. 1127532 <https://doi.org/10.3389/fpls.2023.1127532> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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>

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](#)

In situ fibrillizing amyloid-beta 1-42 induces neurite degeneration and apoptosis of differentiated SH-SY5Y cells

Krishtal, Jekaterina; Bragina, Olga; **Metsla, Kristel**; Palumaa, Peep; Tõugu, Vello PLoS ONE 2017 / art. e0186636, 16 p. : ill <https://doi.org/10.1371/journal.pone.0186636> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Incorrect primer sequences in the article on methylprednisolone treatment

Tamm, Andres Acta Neurologica Scandinavica 2016 / p. 90 <https://doi.org/10.1111/ane.12507> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Increased striatal VMAT2 binding in mice after chronic administration of methcathinone and manganese

Asser, Andres; Kõks, Sulev; Snellman, Anniina; Haaparanta-Solin, Merja; Arponen, Eveliina; Grönroos, Tove; **Nairismägi, Jaak**; Bergquist, Jonas; Soomets, Urel; Piip, Piret; Eltermaa, Mall Brain Research 2016 / p. 97 - 102 <https://doi.org/10.1016/j.brainres.2016.09.034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In-depth analysis of transcriptomes in ovarian cortical follicles from children and adults reveals interfollicular heterogeneity

Rooda, Ilmatar; Hassan, Jasmin; Hao, Jie; Wagner, Magdalena; Moussaud-Lamodièrre, Elisabeth; Jääger, Kersti; Ojala, Marjut; Knuus, Katri; Lindskog, Cecilia; Velthut-Meikas, Agne Nature communications 2024 / art. 6989 <https://doi.org/10.1038/s41467-024-51185-0> [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

Vaikka, Helen; **Metsoja, Grete**; **Bljadhina, 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; **Kudrjashova, 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; Paziienza, 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](#)

Influence of intrinsic and extrinsic factors on mitochondrial energy metabolism in the heart = Sisemiste ja väliste tegurite mõju südamelihase mitokondriaalsele energiametabolismile

Aid, Jekaterina 2024 <https://doi.org/10.23658/taltech.59/2024> https://www.ester.ee/record=b5703763*est <https://digikogu.taltech.ee/et/Item/c6a91cf8-7a69-42b2-bec5-18ac0105fadb>

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

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 into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production

Passari, Ajit Kumar; Mishra, Vineet Kumar; Singh, Garima; Singh, Pratibha; Kumar, Brijesh; **Gupta, Vijai Kumar;** Sharma, Rupak Kumar; Saikia, Ratul; Donovan, Anthonia O'; Singh, Bhim Pratap Scientific reports 2017 / art. 11809, 17 p.
<https://doi.org/10.1038/s41598-017-12235-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Interaction of firefly luciferase and silver nanoparticles and its impact on enzyme activity

Käkinen, Aleksandr; Ding, Feng; Chen, Pengyu; Mortimer, Monika; Kahru, Anne; Ke, Pu Chun Nanotechnology 2013 / art. 345101
<https://doi.org/10.1088/0957-4484/24/34/345101> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 /

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

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

Interactome rewiring following pharmacological targeting of BET bomodomains

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> https://www.ester.ee/record=b5141460*est

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

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

Intrastrially infused exogenous CDNF is endocytosed and retrogradely transported to substantia nigra

Mättik, Kert; Vihinen, Helena; Bienemann, Ali; **Palgi, Jaan; Arumäe, Urmas** eNeuro 2017 / art. e0128-16.2017, p. 1-15 : ill
<https://doi.org/10.1523/ENEURO.0128-16.2017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 impact of vitrification on bovine ovarian tissue morphology, follicle survival, and transcriptomic signature

Deligiannis, Spyridon P.; Kask, Keiu; Modhukur, Vijayachitra; Boskovic, Nina; Ivask, Marilin; Jaakma, Ülle; Damdimopoulou, Pauliina; Tuuri, Timo; Velthut-Meikas, Agne; Salumets, Andres Journal of Assisted Reproduction and Genetics 2024 / p. 1035-1055
<https://doi.org/10.1007/s10815-024-03038-4> [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/POZNAN2nd%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](#)

Investigation on the mancozeb toxicity in adult zebrafish (Danio rerio)

Mendes, Ellen Jaqueline; Mazon, Samara Cristina; Marsaro, Isabella Bodanese; Hermes, Maria Eduarda; **Sachett, Adrieli**; Bertoncetto, Kanandra Taisa; de Moura, Fernando Rafael; da Silva Júnior, Flavio Manoel Rodrigues; Müller, Liz Girardi; Lima-Rezende, Cássia Alves Journal of Toxicology and Environmental Health - Part A: Current Issues 2024 / p. 616 - 629
<https://doi.org/10.1080/15287394.2024.2352787> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [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](#)

Iron triad-based bimetallic M-N-C nanomaterials as highly active bifunctional oxygen electrocatalysts

Alam, Mahboob; Ping, Kefeng; Danilson, Mati; Mikli, Valdek; Käärk, Maike; Leis, Jaan; Aruväli, Jaan; Paiste, Päärn; Rähn, Mihkel; Sammelselg, Väino; Tammeveski, Kaido; Haller, Steffen; Kramm, Ulrike Ingrid; **Starkov, Pavel;** Kongi, Nadezda ACS Applied Energy Materials 2024 / p. 4076 - 4087 <https://doi.org/10.1021/acsaem.4c00366> [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, Viiu; 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 and identification of novel non-dairy starter culture candidates from plant matrix using backslipping propagation

Andreson, Maret; Kazantseva, Jekaterina; Kallastu, Aili; Jakobson, Taaniel; **Sarand, Inga;** Kütt, Mary-Liis Fermentation 2024 / art. 663 <https://doi.org/10.3390/fermentation10120663> [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://fmdtk.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 löönud käed soomlaste Valio ja ameeriklaste Kraft Heinziga

Liiva, Siiri [„Järjekord on ukse taga.“ Suurte plaanidega idufirma on juba löönud käed soomlaste Valio ja ameeriklaste Kraft Heinziga](#) 2023

Jätkusuutlik toidulaud : [noorteadlaste konkursi Teadus kolme minutiga ettekanne]

Karu, Kätrin 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/i/?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>

2024. aasta inimeneetikas

Avarlaid, Annela; Rebane, Ana; Tambets, Kristiina; Tooming, Mikk; Tõnissoo, Tambet; Laisk, Triin Eesti Arst 2025 / lk. 241-243
<https://ojs.utlib.ee/index.php/EA/article/view/25382/19330>

Kaisa Orgusaar: kes maksab kinni meie kõrghariduse? [Võrguväljaanne]

Orgusaar, Kaisa 2022 [Orgusaar: kes maksab kinni meie kõrghariduse?](#)

Karjäärade kasutamine sündmuste korraldamiseks [Võrguteavik]

Rammul, Üllar Ehitusmaavarade uuringu- ja kaevandamisalade korramise 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/i/?9461>

Karjäärade korramine riigikaitse otstarbeks [Võrguteavik]

Rammul, Üllar; Moora, Kristjan; Kalberg, Heiki Ehitusmaavarade uuringu- ja kaevandamisalade korramise 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/i/?9461>

Karjäärade looduse ja tööstuspärandi tutvustamine, karjäärade kasutamine õppetöös [Võrguteavik]

Rammul, Üllar; Keerberg, Liis Ehitusmaavarade uuringu- ja kaevandamisalade korramise 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/i/?9461>

Kas kliimasoojenemise vähendamine ja põlevkivi väärindamine on ühildatavad? [Võrguväljaanne]

Lopp, Margus Konverents "Kliimanetraalsus – häving või edu?" 2019 / 17 | [Kas kliimasoojenemise vähendamine ja põlevkivi väärindamine on ühildatavad? Kliimanetraalsus – häving või edu? Süsinikuneutraalne majandus nõuab uusi tehnoloogiaid 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 peaks tundma muret ülitöödeldud toidu pärast?

Vene, Kristel Horisont 2024 / lk. 42-44 : fot https://www.ester.ee/record=b1072243*est [Kas peaks tundma muret ülitöödeldud toidu pärast?](#)

[Kas peaks tundma muret ülitöödeldud toidu pärast?](#)

Kas tead, mida sööd? Ultratöödeldud toite poest ei leia, aga ometi on need meie toidulaua

Adamberg, Kaarel; Adamberg, Signe delfi.ee 2025 <https://omamaitse.delfi.ee/artikkel/120351774/kas-tead-mida-sood-ultratoodeldud-toite-poest-ei-leia-aga-ometi-on-need-meie-toidulaua>

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

Keemiateadlased: taaskasutus saab alata ka molekulaarselt tasandilt

Murre, Aleksandra; Kanger, Tõnis novaator.err.ee 2024 [Keemiateadlased: taaskasutus saab alata ka molekulaarselt tasandilt](#)

Keemikud: uus ja kallis teadusaparatuur ei ole alati tarvilik, saab ka säästlikumalt [Võrguväljaanne]

novaator.err.ee 2019 / fot [Keemikud: uus ja kallis teadusaparatuur 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://fmdk.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 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 / 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 Guerin, 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/oh tuleht/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-yabisesdes?id=89904431> https://www.ester.ee/record=b1072541*est

Kui kaua tuleb jalutada, et kulutada ära vastlakuklist saadud kalorit?

Adamberg, Signe; Adamberg, Kaarel postimees.ee 2025 <https://maaelu.postimees.ee/8202639/kui-kaua-tuleb-jalutada-et-kulutada-ara-vastlakuklist-saadud-kalorit>

Kui suure osa toidu maitsest moodustavad lõhnad? [Võrguväljaanne]

Vene, Kristel forte.delfi.ee 2022 ["KUULA SAADET | Kui suure osa toidu maitsest moodustavad lõhnad?"](#)

Kui tervislikud on vastlatoidud?

digi.geenius.ee 2025 <https://digi.geenius.ee/blogi/teadus-ja-tulevik/kui-tervislikud-on-vastlatoidud/>

Kuidas elab Eesti teadus?

Palumaa, Peep Sirp 2020 / lk. 36-37 : ill <https://www.sirp.ee/s1-artiklid/c21-teadus/kuidas-elab-eesti-teadus/>

Kuidas käitub intellektipuu et põdev kärbes? Noorteadlane Laura Tamberg mängib äädikakärbestega nagu nukkudega! : intervjuu

Tamberg, Laura digi.geenius.ee 2024 [Intervjuu Kuidas käitub intellektipuu et põdev kärbes? Noorteadlane Laura Tamberg mängib äädikakärbestega nagu nukkudega!](#)

Kuidas teha maitsevaid kuivatatud puuvilju kodus?

Adamberg, Kaarel; Adamberg, Signe goodnews.ee 2024 [Kuidas teha maitsevaid kuivatatud puuvilju kodus?](#)

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 totter kolm botaanikatunnis viis Tõnis Timmuski teaduse elutööpreemia ja teenetemärgini

Timmusk, Tõnis postimees.ee 2024 [Kuidas totter kolm botaanikatunnis viis Tõnis Timmuski teaduse elutööpreemia ja teenetemärgini](#)

Kuidas õpetada Prantsusmaa ajalugu ja rohelist keemiat

Parve, Omar Õpetajate Leht 2017 / lk. 13 <https://opleht.ee/2017/06/kuidas-opetada-prantsusmaa-ajalugu-ja-rohelist-keemiat/>

Kukersiidle terendab roheline tulevik - Eesti alustab fenoolvee väärindamist

postimees.ee 2024 [Kukersiidle terendab roheline tulevik - Eesti alustab fenoolvee väärindamist](#) Uus leping võimaldab Eestil alustada fenoolvee väärindamist

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

Kust tulevad tüütud äädikakärbsed ja kuidas neist lahti saada?

Tamberg, Laura digi.geenius.ee 2024 [Kust tulevad tüütud äädikakärbsed ja kuidas neist lahti saada?](#)

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 mikrobiomi? Millega toita häid kõhubaktereid?

Adamberg, Kaarel tervispluss.delfi.ee 2024 [Kõhutervise audit. Häid kõhubaktereid toKuidas toetada oma teist aju ehk mikrobiomi? Millega toita häid kõhubaktereid?](#)

Köögiljajamissioon Tagli Pitsi moodi

Arndt-Kalju, Margit Oma Maitse 2025 / lk. 8-12 : fot https://www.ester.ee/record=b2069719*est

Köögiljajamissioon Tagli Pitsi moodi: kuidas saada eestlased teaduspõhiseid toitumissoovitusi järgima?

Pitsi, Tagli omamaitse.delfi.ee 2025 [Köögiljajamissioon Tagli Pitsi moodi: kuidas saada eestlased teaduspõhiseid toitumissoovitusi järgima?](#)

10 lihtsat nippi, kuidas tüütutest äädikakärbestest kiirelt vabaneda

Meriküll, Veronika maaleht.delfi.ee 2024 [10 lihtsat nippi, kuidas tüütutest äädikakärbestest kiirelt vabaneda](#)

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> https://artiklid.elnet.ee/record=b2836199*est

Laboris, kus valmis TalTechi aasta arendustöö, luuakse põlevkivile uus tulevik

Vaaks, Eveliis; Uusen, Kaire Trialoog 2025 [Laboris, kus valmis TalTechi aasta arendustöö, luuakse põlevkivile uus tulevik](#)

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

Röithmeyer, Helena; Uudsemaa, Merle; Trummel, 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 cyclohexanohemicucurbit[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://fmdtk.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>

LC-MS profiling of dynamic covalent library during mono-biotinylated hemicucurbit[8]uril solid-state synthesis

Jarg, Tatsiana; Suut-Tuule, Elina; Ustrnul, Lukas; Kananovich, Dzmitry; Aav, Riina Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. P44, p. 63 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.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; Lõökene, 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](#)

Life cycle assessment of laboratory-scale chitosan production: comparison of high-pressure processing-assisted and conventional methods

Bashiri, Bashir; Pinheiro, Ana Cristina De Aguiar Saldanha; Tappi, Silvia; Rocculi, Pietro; Kaleda, Aleksei; Vilu, Raivo Proceedings of the Estonian Academy of Sciences 2025 / p. 1-14 : ill <https://doi.org/10.3176/proc.2025.1.01>

Ligandtailored divergence of copperIcatalyzed aerobic oxidation of cyclopropanols. Application to the practical synthesis of β -Aminoketones and β -enaminones

Zavalinich, Viktoriya A.; Elek, Gabor Zoltan; Vailhe, Pauline; Novikau, Ilya; Syakhovich, Vitaly; Kirillov, Alexander M.; Lopp, Margus; Masiuk, Uladzimir; Kananovich, Dzmitry Advanced synthesis & catalysis 2024 / p. 4485-4496
<https://doi.org/10.1002/adsc.202400490> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ligniini – puidutööstuse prügist tulevikumaterjaliks

Vaaks, Eveliis Trialoog 2025 <https://trialoog.taltech.ee/ligniini-puidutoostuse-prugist-tulevikumaterjaliks/>

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](#)

Liiga palju köögivilju pole ka tervisele kasulik! Roheliste lehtköögiviljade omastamise eripärad

Adamberg, Signe; Adamberg, Kaarel omamaitse.delfi.ee 2024 [Liiga palju köögivilju pole ka tervisele kasulik! Roheliste lehtköögiviljade omastamise eripärad](#)

Liiga palju või liiga vähe seedeensüüme viib meid üsna pea rivist välja. Mida teha, et neid oleks parasjagu?

Adamberg, Signe; Adamberg, Kaarel delfi.ee 2024 [Liiga palju või liiga vähe seedeensüüme viib meid üsna pea rivist välja. Mida teha, et neid oleks parasjagu?](#)

Liiva- ja kruusakarjäärade bioloogiline korrastamine [Võrguteavik]

Keenberg, 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/ii/79461>

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](#)

A line-broadening free real-time 31P pure shift NMR method for phosphometabolomic analysis

Kaup, Karl Kristjan; Toom, Lauri; Truu, Laura; Miller, Sten; Puurand, Marju; Tepp, Kersti; Käämbre, Tuuli; Reile, Indrek Analyst 2021 / art. 7034, p. 5502–5507 : ill <https://doi.org/10.1039/d1an01198g>

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 imbalance : 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metric at WOS](#) [Article at WOS](#)

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

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, Nitza; Koppel, Indrek Science 2018 / p. 1416-1421 : ill <http://dx.doi.org/10.1126/science.aan1053>

Long-Term Monitoring of Six Potato Viruses in Estonian Seed Potatoes and an Assessment of Susceptibility of Potato Varieties to PVY

Van Der Sman, Piret; Pata, Pille; Järvekülg, Lilian; Sömera, Merike Potato Research 2025 <https://doi.org/10.1007/s11540-025-09862-0>

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 värske kurk?

Merivoo-Parro, Maarja novaator.err.ee 2023 [Lugeja küsib: miks tindikala lõhnab nagu värske 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>

Lõhna- ja maitseteadlane Kristel Vene: ahvatlevad toidud teevad täpselt sama, mida narkootikumid, kasiinod ja tubakas : tunne teadlast

Vene, Kristel forte.delfi.ee 2024 [Lõhna- ja maitseteadlane Kristel Vene: ahvatlevad toidud teevad täpselt sama, mida narkootikumid, kasiinod ja tubakas : tunne teadlast](#)

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](#)"

Lähed matkama? Teadlaste 9 soovitus, mida süüa või kaasa võtta

Adamberg, Kaarel; Adamberg, Signe goodnews.ee 2024 [Lähed matkama? Teadlaste 9 soovitus, mida süüa või kaasa võtta](#)

Maapõueressursid ringluses – kuidas läheb nende ringmajandamisega?

Aav, Riina Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / lk. 11 : ill https://www.ester.ee/record=b5673955*est <https://kirjandus.geoloogia.info/reference/49110>

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](#)

Macaronesian plants as promising biopesticides against the crop pest *Ceratitis capitata*

Tavares, W. R.; Jimenez, I. A.; Oliveir, L.; Kuhtinskaja, Maria; Vaher, Merike; Ros, J. S.; Seca, A. M. L.; Bazzocchi, I. L.; Barreto, M. C. Plants 2023 / art. 4122 <https://doi.org/10.3390/plants12244122> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Male infertility: Decreased levels of selenium, zinc and antioxidants

Türk, Silver; Mändar, Reet; Mahlapuu, Riina; Viitak, Anu; Punab, Margus; Kullisaar, Tiit Journal of trace elements in medicine and biology 2014 / p. 179-185 <https://doi.org/10.1016/j.jtemb.2013.12.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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> https://www.ester.ee/record=b4761853*est

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>

Mandelic acid derived ionic liquids: synthesis, toxicity and biodegradability

Prydderch, Hannah; Haiß, Annette; Spulak, Marcel; Quilty, Brid; Kümmerer, Klaus; Heise, Andreas; Gathergood, Nicholas RSC advances 2017 / p. 2115-2126 : ill <https://doi.org/10.1039/c6ra25562k> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Mechanochemical birch reduction with low reactive alkaline earth metals

Satsi, Riin; Nallaparaju, Jagadeesh Varma; Aav, Riina; Kananovich, Dzmitry Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. 117, p. 136 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abtract-Book.pdf

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]Juri

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 cyclohexanohemicurbit[8]Juri

Suut, Elina; Shalima, Tatsiana; Kananovich, Dzmitry; Aav, Riina Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 157 [Kogumik](#)

Mechanochemically driven covalent self-assembly of a chiral mono-biotinylated hemicurbit[8]Juri

Suut-Tuule, Elina; Jarg, Tatsiana; Tikker, Priit; Lootus, Ketren-Marlein; Martõnova, Jevgenija; Reitalu, Rauno; Ustrnul, Lukas; Ward, Jas S.; Rjabovs, Vitalijs; Shubin, Kirill; Nallaparaju, Jagadeesh Varma; Vendelin, Marko; Preis, Sergei; Öeren, Mario; Rissanen, Kari; Kananovich, Dzmitry; Aav, Riina Cell reports physical science 2024 / art. 102161 <https://doi.org/10.1016/j.xcrp.2024.102161> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 / art. e202305775 <https://doi.org/10.1002/anie.202305775> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanosynthesis of hemicurbiturils and their complexation : an analytical study = Hemikukurbiturillide mehhanosünteesi ja nende komplekseerimise analüüs

Jarg, Tatsiana 2024 https://www.ester.ee/record=b5702876*est <https://digikogu.taltech.ee/et/Item/dad72c56-32af-4ff4-b59d-24ee5e97b842> <https://doi.org/10.23658/taltech.57/2024>

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. 1047-1053 : ill <https://doi.org/10.1016/j.molliq.2018.12.118>

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 Characterization and Composition Control of Next Generation Probiotic Consortia = Uue põlvkonna probiootiliste koosluste koostise kontroll ja metaboolne iseloomustus

Kattel, Anna 2025 https://www.ester.ee/record=b5757724*est <https://digikogu.taltech.ee/et/Item/941c22f1-d30b-4f28-97fd-feafc2b2ebec> <https://doi.org/10.23658/taltech.62/2025>

Metabolic engineering of Rhodotorula toruloides for astaxanthin production using Golden Gate Assembly Platform

Lipova, Inna; Gavrilovic, Srdjan; Bonturi, Nemailla; Lahtvee, Petri-Jaan Yeast 2023 : ICYGB31 : 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 = Soolevähki metaboolne remodelleerimine : muutused energiavoogudes

Kaldma, Andrus 2017 <https://digi.lib.ttu.ee/i/?7372> https://www.ester.ee/record=b4670813*est

Metabolic reprogramming accompanying the development of colorectal cancer = Kolorektaalvähi arenguga kaasnev metaboolne ümberprogrammeerimine

Reinsalu, Leenu 2024 https://www.ester.ee/record=b5708354*est <https://digikogu.taltech.ee/et/Item/127398f7-c150-42ac-bf23-f7d3ff34331f> <https://doi.org/10.23658/taltech.63/2024>

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

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, Pramod Wasudeo; 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 ratios as possible biomarkers for amyotrophic lateral sclerosis

Koski, Lassi; Berntsson, Elina; Vikström, Max; Wärmländer, Sebastian K.T.S.; Roos, Per M. Journal of trace elements in medicine and biology 2023 / art. 127163, 8 p. : ill <https://doi.org/10.1016/j.jtemb.2023.127163> [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/ijms222212193> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Metaproteomics reveals parallel utilization of colonic mucin glycans and dietary fibers by the human gut microbiota

Raba, Grete; Luis, Ana S.; Schneider, Hannah; Morell, Indrek; Jin, Chunsheng; **Adamberg, Signe**; Hansson, Gunnar C.; **Adamberg, Kaarel; Arike, Liisa** Iscience 2024 / art. 110093 <https://doi.org/10.1016/j.isci.2024.110093> [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%2Ffmicb.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, 20 p. : ill <https://doi.org/10.3390/fermentation8040145> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Methods for studying microbial acid stress responses: from molecules to populations

Atasoy, M.; **Bartkova, Simona**; Cetecioglu-Gürol, Z.; Mira, N.; O'Byrne, C.; Perez-Rodriguez, F.; Possas, A.; **Scheler, Ott**; Sedlakova-Kadukova, J.; Sinčák, M.; **Steiger, M.**; Ziv, C.; Lund, P. A. FEMS microbiology reviews 2024 / art. fuae015 <https://doi.org/10.1093/femsre/fuae015>

Methylation of phenols

Silm, Estelle; Närep, Angelica; Kimm, Mariliis; Kaldas, Kristiina; Lopp, Margus Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. 126, p. 145 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abtract-Book.pdf

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>