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/i/?12387 https://www.ester.ee/record=b5235122*est

ABCE proteins in plants
Jakobson, Liina; **Mõttus, 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-Novi-Sad-2019.pdf

ABCE proteins' role in RNA silencing suppression and their evolution = ABCE valkude roll RNA vaigistamise supressioonis ja nende evolutsioon
Mõttus, 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-reactivators-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
Kõrge, Kristi; Bajić, Marijan; Likozar, 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://fmtdk.ut.ee/programm-2023/ https://fmtdk.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-a279-47c4-90e3-72f05bcdf4a1

Advances in eco-efficient agriculture: The plant-soil mycobiome
Pagano, Marcela Claudia; Correa, Eduardo J. Azevedo; Duarte, Neimar F.; Yelikbayev, Bakhytzhan; 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/mmbr.00013-22 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aerobic cascade oxidation of substituted cyclopentane-1, 2-diones using metalloporphyrin catalysts [Online resource]
Oja, Karolin; **Borovkov, Victor**; **Kananovich, Dzmitry**; **Järving, Ivar**; **Lopp, Margus** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p http://fmtdk.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; Orupõld, 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://fmtdk.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 scientarum 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/i/?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, Kattri-Liis; Kaare, Maria; Täht, Karin; Tuusov, Jana; Visnapuu, Tanel; Innos, Jürgen; **Timmusk, Tõnis** Frontiers in Molecular Neuroscience 2018 / art. 8 https://doi.org/10.3389/fnmol.2018.00008 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Alternative oxidase‐mediated respiration prevents lethal mitochondrial cardiomyopathy
Rajendran, Jayasimman; Purhonen, Janne; Tegelberg, Saara; **Smolander, Olli-Pekka** EMBO Molecular Medicine 2019 / art. e9456, 19 p. : ill https://doi.org/10.15252/emmm.201809456

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 long‐term configurational stabilization of chiral tricyclic dipeptide via heterocomplexation approach
Hu, Xiaoyun; Yin, Zhongyou; Guo, Jianxin; **Borovkov, Victor**; Shan, Zixing ChemistrySelect 2019 / p. 3210-3213
https://doi.org/10.1002/slct.201900099

An 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 oxacalixarenes and iodo-triazoles = Mittekovalentsete sidemete abil moodustunud supramolekulaarsete süsteemide uurimine oksakaliksareenide 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

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, Eunüs S.; Uddin, Shaikh Jamal; **Gupta, Vijai Kumar** Cancer letters 2018 / p. 129-145 : ill
https://doi.org/10.1016/j.canlet.2018.01.074 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Anharmonic vibrational spectrum and experimental matrix isolation study of thioformic acid conformers-potential candidates for molecular cloud and solar system observations?
Lignell, A.; **Osadchuk, Irina**; Rasanen, M.; Lundell, J. The astrophysical journal 2021 / 7 p. : ill https://doi.org/10.3847/1538-4357/ac06d0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Anion binding of biotinuril derivatives enhanced by silver cation
Siilak, Kristjan; **Dalidovich, Tatsiana**; **Shalima, Tatsiana**; **Kudrjašova, Marina**; **Ustrnul, Lukas**; **Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / p 35 https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Anion recognition and the templated solid-state synthesis of hemicucurbiturils = Hemikukurbituriilid 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 võluretseptist: kurgid on mu abielu kindel pant!

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://fmtdk.ut.ee/teesid-2018/

Antibacterial activity of positively and negatively charged hematite (α-fe2 o3) 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, Tiiu 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; Viiard, 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://fmtdk.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, Cristophe 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-secosterols
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, Oriparambil 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 kasutamine Alzheimeri amüloid beeta peptiidi toksilisuse uurimiseks
Krištal, Jekaterina 2020 https://digikogu.taltech.ee/et/Item/8aef400a-e1ff-4803-a0da-fc2d97c8d451

Application of gas chromatography-olfactometry (GC-O) and correlation with sensory analysis = Gaaskromatograaf-olfaktomeetri (GC-O) rakendusvõimalused ja korreleerimine sensoorse analüüsiga
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
Lõhelaid, Helike; **Teder, Tarvi**; **Samel, Nigulas** Invertebrate survival journal - ISJ 2018 / p. 110 http://www.isj.unimo.it/index.php/ISJ/article/view/82

ASO author reflection : isolated limb infusion for locally advanced melanoma in the extremely old patient is safe and effective
Teras, Jüri; Kroon, Hidde M.; Zager, Jonathan S. Annals of surgical oncology 2020 / p. 1430-1431 https://doi.org/10.1245/s10434-020-08314-y https://link.springer.com/article/10.1245/s10434-020-08314-y Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Aspects of kerogen oxidative dissolution in subcritical water using oxygen from air
Kaldas, Kristiina; **Niidu, Allan**; **Preegel, Gert**; **Uustalu, Jaan Mihkel**; **Muldma, Kati**; **Lopp, Margus** Oil shale 2021 / p. 199-214 : ill https://doi.org/10.3176/oil.2021.3.02 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of bioavailable B vitamin content in food using in vitro digestibility assay and LC-MS SIDA
Paalme, Toomas; **Vilbaste, Allan**; 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, Pauliina 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 Chemistry15 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://fmtdk.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-epoxydeacnoic 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://fmtdk.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, Gurnit; 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.; Bandopadhayay, 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 https://doi.org/10.1038/s41588-023-01317-x Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Author Correction: Genomic 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; Beroukhim, Rameen; Boutros, Paul C.; Bowtell, David D. L.; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. n.r 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)
Rodriguez-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; Rodriguez-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 https://doi.org/10.1038/s41467-022-32334-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: 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)
Rubanova, Yulia; Shi, Ruian; Harrigan, Caitlin F.; Li, Roujia; Wintersinger, Jeff; Sahin, Nil; Deshwar, Amit G.; Dentro, Stefan C.; Leshchiner, Ignaty; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7567 https://doi.org/10.1038/s41467-022-32336-7 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples (Nature Communications, (2020), 11, 1, (4748), 10.1038/s41467-020-18151-y)
Bailey, Matthew H.; Meyerson, William U.; Dursi, Lewis Jonathan; Wang, Liang-Bo; Dong, Guanlan; Liang, Wen-Wei; Weerasinghe, Amila; Li, Shantao; Li, Yize; **Uusküla-Reimand, Liis** Nature Communications 2020 / Art. nr. 6232 https://doi.org/10.1038/s41467-020-20128-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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; Dentro, Stefan C.; Gonzalez, Santiago; Rosebrock, Daniel; Mitchell, Thomas J.; Rubanova, 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; Sültmann, 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 arandatavat 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**; **Gorbatšova, 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
Põder, 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 Scopous 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, Päärn; 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://fmtdk.ut.ee/teesid-2018/

Biodegradation studies of a series of dipeptide based ionic liquids and their transformation products
Raba, Grete; **Kapitanov, Illia**; **Karpichev, Yevgen**; Kümmerer, Klaus; Vilu, Raivo; Gathergood, Nicholas IUPAC Postgraduate Summer School on Green Chemistry : 7-13 July 2018, Venice - Italy : book of abstracts 2018 / p. 25 https://www.unive.it/pag/fileadmin/user_upload/extra/SSGC/documenti/Book_of_abstracts_per_website_23_July.pdf

Bioenergy yields from sequential bioethanol and biomethane production: An optimized process flow
Rocha-Meneses, Lisandra; **Otor, Oghenetejiri Frances**; **Bonturi, Nemailla**; Orupõld, 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 uudseid ravimeetodeid
Alvela, Ain TööstusEST 2023 / lk. 24-26 : portr https://www.ester.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, füüsikalis-keemilised omadused ning rakendatavus toidupakendina
Kõrge, Kristi 2021 https://www.ester.ee/record=b5435476*est https://digikogu.taltech.ee/et/Item/88d05471-4a1d-42b5-b822-cd7c38a1eb39 https://doi.org/10.23658/taltech.31/2021

Biological nanofactories : using living forms for metal nanoparticle synthesis
Srivastava, Shilpi; **Usmani, Zeba**; Atanasov, Atanas G.; Singh, Vinod Kumar; Singh, Nagendra Pratap; Abdel-Azeem, Ahmed M. Mini-Reviews in Medicinal Chemistry 2021 / p. 245 - 265 https://doi.org/10.2174/1389557520999201116163012 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The biomolecular spectrum drives microbial biology and functions in agri-food-environments
Sharma, Minaxi; Singh, Dhananjaya Pratap; Rangappa, Kanchugarakoppal S.; Stadler, Marc; Mishra, Pradeep Kumar; Silva, Roberto Nascimento; Prasad, Ram; **Gupta, Vijai Kumar** Biomolecules 2020 / art. 401 https://doi.org/10.3390/biom10030401 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bioprocessing of waste biomass for sustainable product development and minimizing environmental impact
Usmani, Zeba; Sharma, Minaxi; Awasthi, Abhishek Kumar; Sivakumar, Nallusamy; **Lukk, Tiit** Bioresource technology 2021 / art. 124548, 12 p. : ill https://doi.org/10.1016/j.biortech.2020.124548 Journal metrics at Scopus Article at Scopus Journal metrics at WOS

Article at WOS

Bioprospecting microalgae from natural algal bloom for sustainable biomass and biodiesel production
Pandey, Manish K.; Dasgupta, Chitralekha Nag; Mishra, Shashank; Srivastava, Manish; **Gupta, Vijai Kumar**; Suseela, M.R.; Ramteke, Pramod Wasudeo Applied Microbiology and Biotechnology 2019 / p. 5447 - 5458 https://doi.org/10.1007/s00253-019-09856-2 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Biorefinery : value added chemicals [Online resource]
Gathergood, Nicholas The Bioeconomy in Transition Workshop Gela : 25-27 May 2017, Gela, Sicily, Italy 2017 http://www.bioeconomy-in-transition.eu/about-workshop/

Bioremediation of lindane contaminated soil: Exploring the potential of Actinobacterial strains
Usmani, Zeba; **Kulp, Maria**; **Lukk, Tiit** Chemosphere 2021 / art. 130468, 12 p. : ill https://doi.org/10.1016/j.chemosphere.2021.130468 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Biosafe sustainable antimicrobial encapsulation and coatings for targeted treatment and infections prevention: Preparation for another pandemic
Usmani, Zeba; **Lukk, Tiit**; Mohanachandran, Dileep Kumar Current Research in Green and Sustainable Chemistry 2021 / art. 100074 https://doi.org/10.1016/j.crgsc.2021.100074 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Biotechnological advances for restoring degraded land for sustainable development
Tripathi, Vishal; Edrisi, Sheikh Adil; Chen, Bin; **Gupta, Vijai Kumar**; **Vilu, Raivo**; **Gathergood, Nicholas**; Abhilash, P.C. Trends in biotechnology 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; Lättekivi, 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; Rüütmann, Anna Maria; **Spuul, Pirjo** EHMSG - 35th International Workshop on Helicobacter & Microbiota in Inflammation & Cancer : accepted abstracts 2022 / art. e735, p. 34 https://doi.org/10.26355/mhd_20229_735

Calcium, Barium and Strontium apatites : a new generation of catalysts in the Biginelli reaction
Ben Moussa, Sana; Lachheb, Jalel; Gruselle, Michel; **Maaten, Birgit**; **Kriis, Kadri**; **Kanger, Tõnis**; **Tõnsuaadu, Kaia**; Badraoui,

Bechir Tetrahedron 2017 / p. 6542-6548 : ill https://doi.org/10.1016/j.tet.2017.09.051 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 rakendamine 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; Aduluso-Nwaobasi, Dike; Paczkowska, Marta; Abd-Rabbo, Diala; Ocsenas, Oliver; Liang, Minggao; Thompson, J. Drew; Li, Yao; Ruan, Luyao; Krassowski, Michal; Dzneladze, Irakli; Simpson, Jared T.; Lupien, Mathieu; Stein, Lincoln D.; Boutros, Paul C.; Wilson, Michael D.; Reimand, Jüri Molecular Cell 2020 / p. 1307-1321.e10 https://doi.org/10.1016/j.molcel.2019.12.027 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cannabinoids (Δ9-THC and CBD) quantitative analysis by in-situ portable drug analyzer Drug Hunter
Gorbatšova, 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 (Δ9-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; Jeništová, Adéla; Vosough, Faraz; **Berntsson, Elina**; Mörman, Cecilia; Jarvet, Jüri; Gräslund, Astrid; Wärmländer, Sebastian K.T.S.; Barth, Andreas Communications Chemistry 2023 / art. 163 https://doi.org/10.1038/s42004-023-00955-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Carbonyl hypoiodites from pivalic and trimesic acid and their silver(i) intermediates
Ward, Jas S.; **Martõnova, 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, Illar; **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, Illar; **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://fmtdk.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://fmtdk.ut.ee/teesid/

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

Catalytic conversion of recalcitrant glycopolymers : investigation of saccharification and isomerisation in ionic liquids = Tõrksate glükopolümeeride katalüütiline konversioon : sahharifikatsiooni ja isomerisatsiooni uurimine ioonsetes vedelikes
Kontson, Tiina 2021 https://www.ester.ee/record=b5473795*est https://digikogu.taltech.ee/et/Item/afdb8f5d-41a6-4bfb-9a66-05653b60c076 https://doi.org/10.23658/taltech.63/2021

CD44 is a negative regulator of angiogenesis and endothelial cell proliferation
Pink, Anne; **Školnaja, Marianna**; **Päll, Taavi**; **Valkna, Andres** 7eme congres de la Societe Francaise d'Angiogenese : Toulouse, 23-25 Avril 2017 = 7th meeting of the French Angiogenesis Society : Toulouse, 23-25 April 2017 2017 / p. 59

Cell Migration in Microfluidic Devices : Invadosomes Formation in Confined Environments
Chi, Pei-Yin; **Spuul, Pirjo**; Tseng, Fan-Gang Cell migrations : causes and functions 2019 / p. 79-103 https://doi.org/10.1007/978-3-030-17593-1_6 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cell type-specific labelling of newly synthesized proteins by puromycin inactivation
Cabrera-Cabrera, Florencia; **Tull, Helena**; **Capuana, Roberta**; Kasvandik, Sergo; **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, Mehmaz; 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, Mehmaz; Gavrilova, Olga; **Vilu, Raivo** 13th International Conference Biosystems Engineering, Tartu, Estonia, May 5-7, 2023 : book of abstracts 2023 / p. 11 https://dspace.emu.ee/bitstream/handle/10492/8106/ABS_2023_Book_VV.pdf?sequence=4&isAllowed=y https://www.ester.ee/record=b5569707*est

Characterisation of chemical, microbial and sensory profiles of commercial kombuchas
Andreson, Maret; Kazantseva, Jekaterina; **Kuldjärv, 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 metrisc at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Characterising and determining the botanical origin of Estonian honeys = Eesti mete iseloomustamine ja botaanilise päritolu määramine
Kivima, Evelin 2022 https://doi.org/10.23658/taltech.24/2022 https://digikogu.taltech.ee/et/Item/eae59bf7-e2f3-4681-ba7c-c603889c2ef1 https://www.ester.ee/record=b5502347*est

Characterization of a recombination hotspot in wheat using flow-sorted pollen nuclei and digital PCR
Abrouk, Michael; Zwyrtkova, Jana; Christelova, Pavla; **Jakobson, Irena**; **Järve, Kadri** International Plant & Animal Genome XXV : January 14-18, 2017, San Diego, CA, USA : [poster abstracts] 2017 / poster P0843, p. [230-231] http://www.intlpag.org/2017/113-newsroom/news-xxv/295-pag-xxv-links

Characterization of 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 Bitter Off-Taste Stimuli in Sunflower Press Cake Using the Sensomics Approach
Huseynli, Lachinkhanim; **Gigl, M.**; **Müller, J.**; **Walser, Christoph**; **Frank, O.**; **Vene, Kristel**; **Dawid, Corinna** Journal of agricultural and food chemistry 2025

Characterization of cider fermentation in fresh apple juice and apple juice concentrate [Online resource]
Rosend, Julia; **Kuldjärv, 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 Scopus Journal metrics at WOS Article at WOS

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

Characterization of the complete genome of oat sterile dwarf virus : a fijivirus occurring in the temperate climate zone of Europe
Oja, Tatjana; Sooväli, Pille; Sõmera, Merike Archives of virology 2023 / art. 259 https://doi.org/10.1007/s00705-023-05890-8 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 (Aβ) peptides : effects on Aβ 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/acschemneuro.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**; **Lõokene, 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://fmtdk.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.ester.ee/record=b5748359*est

Chirogenesis in Chemical Science
2023 https://doi.org/10.1142/12915 https://www.ester.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.ester.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

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**; Cápal, 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-spektromeetriline 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/SENSORS52175.2022.9967177 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**; **Päri, 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)
Sinisalu, Mari; **Järvik, Oliver**; **Mets, Birgit**; **Konist, Alar** Bioresource technology 2024 / art. 130086 https://doi.org/10.1016/j.biortech.2023.130086

Cogniflow-drop : integrated modular system for automated generation of droplets in microfluidic applications
Jõemaa, Rauno; **Gyimah, Nafisat**; **Ashraf, Kanwal**; **Pärnamets, Kaiser**; **Zaft, Alexander**; **Scheler, Ott**; **Rang, Toomas**; **Pardy, Tamas** IEEE Access 2023 / p. 104905-104929 https://doi.org/10.1109/ACCESS.2023.3316726 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.; Bandopadhayay, 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.; Rüütmann, A.; **Sarand, Inga**; **Spuul, Pirjo** EHMSG – 36th International Workshop on Helicobacter & Microbiota in Inflammation & Cancer : abstract book 2023 / p. 131 https://doi.org/10.26355/mhd_20239_857

A comparative evaluation towards the potential of Klebsiella sp. and Enterobacter sp. in plant growth promotion, oxidative stress tolerance and chromium uptake in Helianthus annuus (L.)
Gupta, Pratishtha; Kumar, Vipin; Usmani, Zeba; Rani, Rupa; Chandra, Avantika; **Gupta, Vijai Kumar** Journal of hazardous materials 2019 / 7 p. : ill https://doi.org/10.1016/j.jhazmat.2019.05.054 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative genomic analysis of monosporidial and monoteliosporic cultures for unraveling the complexity of molecular pathogenesis of Tilletia indica pathogen of wheat
Mishra, Pallavi; Maurya, Ranjeet; **Gupta, Vijai Kumar**; Ramteke, Pramod Wasudeo; Marla, Soma S.; Kumar, Anil Scientific reports 2019 / art. 8185, 15 p. : ill https://doi.org/10.1038/s41598-019-44464-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of mechanical and antibacterial properties of TiO2/Ag ceramics and Ti6Al4V-TiO2/Ag composite materials using combined SLM-SPS techniques
Rahmani Ahranjani, Ramin; **Rosenberg, Merilin**; **Ivask, Angela**; **Kollo, Lauri** Metals 2019 / art. 874, 13 p. : ill https://doi.org/10.3390/met9080874 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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**; Rosenvald, 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://fmtdk.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 Vinícius; 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://fmtdk.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**; **Öpik, 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; Schloter, 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-secosterols
Rõuk, Kristi; **Kõllo, Marek**; **Lopp, Margus** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 149 Kogumik

Consumer acceptance on the sensory characteristics and naturality of dry and medium dry apple ciders available on Estonian market [Online resource]
Kuldjärv, Rain; Koppel, Kadri Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p http://fmtdk.ut.ee/teesid/

Consumption of multi-fiber enriched yogurt increased the levels of Catenibacterium mitsuokai and Parabacteroides distasonis
Jaagura, Madis; Part, Natalja; **Adamberg, Kaarel**; Kazantseva, Jekaterina; Viiard, Ene Pharmadvances 2022 / p. 59 http://www.pharmadvances.com/wp-content/uploads/2022/01/Posters.pdf

Consumption of multi-fiber enriched yogurt is associated with increase of Bifidobacterium animalis and butyrate producing bacteria in human fecal microbiota
Jaagura, Madis; Part, Natalja; **Adamberg, Kaarel**; Kazantseva, Jekaterina; Viiard, Ene Journal of Functional Foods 2022 / Art. nr. 104899 https://doi.org/10.1016/j.jff.2021.104899 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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; Kortesniemi, 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://fmtdk.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 polymyxa 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**; Yıldırım, 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, Õnnela; **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-Iccoss-xxiii-stellenbosch-south-africa-contents-message-from-the-chair-of-the-organising-committee-2-previous-iccoss-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; **Ustrnul, 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
Ustrnul, 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**; **Säälik, Kristi**; **Sirp, Alex**; **Tuvikene, Jürgen**; **Šubina, Anastassia**; **Kiir, Carl Alexander**; **Nurm, Kaja**; **Sepp, Mari**; **Timmusk, Tõnis**; **Palgi, Mari** Disease Models & Mechanisms 2020 / art. dmm042747, 15 p. : ill https://doi.org/10.1242/dmm.042747 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dearomatization of naphtols via alkylation
Larin, Anni; **Lopp, Margus** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 51 : ill http://fmtdk.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://fmtdk.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, Gurnit; Polak, Paz; Karlic, Rosa; Cuppen, Edwin; Al-Shahrour, Fatima; Bailey, Peter J.; Biankin, Andrew V.; Boutros, Paul C.; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 728, 12 p. : ill https://doi.org/10.1038/s41467-019-13825-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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://fmtdk.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-secosterols

Kõllo, Marek; Kasari, Marje; Kasari, Villu; Pehk, Tõnis; **Järving, Ivar**; **Lopp, Margus**; Jõers, 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://fmtdk.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**; Jõers, 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; Zygutiene, 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; **Värv, 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; **Sõmera, Merike**; Tamisier, Lucie; Vainio, Eeva; van der Vlugt, 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&txGid=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, Maido; 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 keemiarelva- 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://fmtdk.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://fmtdk.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 Kornerup; **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)
Sõmera, Merike Euphresco 2023 / 1 p. https://doi.org/10.5281/zenodo.7590770 https://zenodo.org/records/7590771#.Y9IDaHbMKUk

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; Jõeleht, Ann; Pihelgas, Susan 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023
https://conferences.llu.lv/sites/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; **Lõhelaid, 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; Viiard, 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
https://doi.org/10.1021/acs.joc.0c00031

Direct competition of ATCUN peptides with human serum albumin for copper(II) ions determined by LC-ICP MS
Noormägi, Andra; **Golubeva, Tatjana**; **Berntsson, Elina**; 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.; Beroukhim, Rameen; Campbell, Peter J.; Chin, Lynda; Dixon, Jesse R.; Futreal, Phillip Andrew; **Uusküla-Reimand, Liis** Nature Genetics 2020 / p. 294 - 305 https://doi.org/10.1038/s41588-019-0564-y Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dissecting stimulus-dependent transcription of brain-derived neurotrophic factor = Aju-päritolu neurotroofse teguri stiimulsõltuva transkriptsiooni uuringud
Esvald, Eli-Eelika 2023 https://doi.org/10.23658/taltech.32/2023 https://digikogu.taltech.ee/et/Item/6222c009-c82d-4efb-98c2-51bf2f148b52 https://www.ester.ee/record=b5567508*est

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.tutl4A 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**; Zubrytski, Dzmitry M.; **Konrad, Nele**; **Järving, Ivar**; **Lopp, Margus**; **Kananovich, Dzmitry** Organic letters 2019 / p. 8473-8478 : ill https://doi.org/10.1021/acs.orglett.9b03305 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Divergent access to histone deacetylase inhibitory cyclopeptides via a late-stage cyclopropane ring Cleavage strategy. Short synthesis of Chlamydocin
Elek, Gabor Zoltan ESOC 2019 : 21st European Symposium on Organic Chemistry, July 14-18, 2019, Vienna, Austria : abstracts 2019 / PO-381 ; p. 143 http://esoc2019.conf.tuwien.ac.at/fileadmin/ESOC2019/files/ESOC2019_web.pdf

Divergent mutational processes distinguish hypoxic and normoxic tumours
Bhandari, Vinayak; Li, Constance H.; Bristow, Robert G.; Boutros, Paul C.; Aaltonen, Lauri A.; Abascal, Federico; Abeshouse, Adam; Aburatani, Hiroyuki; Adams, David J.; Uusküla-Reimand, Liis Nature Communications 2020 / art. 737, 10 p. : ill https://doi.org/10.1038/s41467-019-14052-x Article at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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.; Mazzoccoli, 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 püsimajäämise 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 crossreacts 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; Vastšjonok, Darja; **Lukk, Tiit**; Väljamäe, 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**; Väljamäe, 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 cyclohexanohemicucurbit[12]uril
Mishra, Kamini Atindrakumar; **Adamson, Jasper**; **Öeren, Mario**; **Kaabel, Sandra**; **Fomitšenko, Maria**; **Aav, Riina** Chemical communications 2020 / p. 14645−14648 https://doi.org/10.1039/D0CC06817A Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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.ohtuleht.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.ohtuleht.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.ohtuleht.ee 2020 / fot https://tervis.ohtuleht.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 iduettevõte kaasas alternatiivsete õlide ja rasvade loomiseks miljon eurot
toostusuudised.ee 2023 Eesti iduettevõte kaasas alternatiivsete õlide ja rasvade loomiseks miljon eurot Eesti idu sai alternatiivsete õlide ja rasvade loomiseks miljon eurot

Eesti iduettevõte ÄIO sai investoritelt demotehase ehituseks kuus miljonit eurot
arileht.delfi.ee 2024 Eesti iduettevõte 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**; Uuemaa, 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 suir käis terviseuuringutel
Vaher, Merike Mesinik : mesindusajakiri 2023 / lk. 27-29 : fot https://www.ester.ee/record=b1072594*est

Eesti süvatehnoloogia lipulaevad, kes suutsid kehvas majanduses raha kaasata
geenius.ee 2024 Eesti süvatehnoloogia lipulaevad, kes suutsid kehvas 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 soovitab: milline on maitsev alternatiiv lihale?
postimees.ee 2022 Eesti teadlane soovitab: milline on maitsev alternatiiv lihale?

Eesti teadlane: pikem plaan on väärindada CO2 toiduks
geenius.ee 2023 Eesti teadlane: pikem plaan on väärindada CO2 toiduks

Eesti 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 väärindamiseks
Piir, Rait novaator.err.ee 2024 Eesti teadlased avastasid uue viisi põlevkivi väärindamiseks

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 väärindavad fenoolveest roosiõli
novaator.err.ee 2024 Eesti teadlased väärindavad fenoolveest roosiõli

Eesti teadlaste leid võib sillutada teed uutmoodi depressiooniravile
novaator.err.ee 2025 https://novaator.err.ee/1609664366/eesti-teadlaste-leid-voib-sillutada-teed-uutmoodi-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 teadusrikka Eesti kujundamisel [Võrguväljaanne]
Starkov, Pavel err.ee 2020 / fot Eesti Teadusagentuuri roll teadusrikka 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, Tiiu** 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 parametersand quality of the products : poster
Traksmaa, Anna; Šestopalova, Ksenia; Kütt, Mary-Liis; **Vilu, Raivo** Cereals & Europe : Spring Meeting 2022 / p. 60
https://cespringmeeting2020.eu/abstract-book/ https://cespringmeeting2020.eu/wp-content/uploads/2022/05/CE2022_AbstractBook-SOU-Preview.pdf

The effect of apple juice concentration on cider fermentation and properties of the final product
Rosend, Julia; **Kaleda, Aleksei**; **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; Slepetiene, Alvyra; **Lepane, Viia** Archives of agronomy and soil science 2021 / p. 1192 - 1204 https://doi.org/10.1080/03650340.2021.1875130 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of quality properties of added gluten on the texture and sensory properties of rye and buckwheat breads
Traksmaa, Anna; Kaleda, Aleksei; **Nurme, Britta**; **Laos, Katrin** Agronomy research 2023 / 13 p. : ill https://doi.org/10.15159/ar.23.082 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, Chhatarpal; Tiwari, Shashank; **Gupta, Vijai Kumar**; Singh, Jay Shankar Catena 2018 / p. 485 - 493
https://doi.org/10.1016/j.catena.2018.07.042 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of thermal treatment on the rheological properties of carrageenan gels
Laos, Katrin; **Eha, Kairit** 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 52
https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Effect of β-casein reduction and high heat treatment of micellar casein concentrate on proteolysis, texture and the volatile profile of resultant Emmental cheese during ripening
Xia, Xiaofeng; **Arju, Georg**; Taivosalo, Anastassia; Lints, Taivo; Kriščiunaite, Tiina; **Vilu, Raivo**; Corrigan, Bernard M.; Gai, Nan; Fenelon, Mark A.; Tobin, John T.; Kilcawley, Kieran; Kelly, Alan L.; McSweeney, Paul L. H.; Sheehan, Jeremiah J. International dairy journal 2023 / art. 105540, 13 p. : ill https://doi.org/10.1016/j.idairyj.2022.105540 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://digikogu.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
Lõhelaid, Helike; **Samel, Nigulas** Marine drugs 2018 / p. 1-14 : ill https://doi.org/10.3390/md16010010 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An 840 kb distant upstream enhancer is a crucial regulator of catecholamine-dependent expression of the BDNF gene in astrocytes
Avarlaid, Annela; **Esvald, Eli-Eelika**; **Koppel, Indrek**; **Parkman, Annabel**; Zhuravskaya, Anna; Makeyev, Eugene V.; **Tuvikene, Jürgen**; **Timmusk, Tõnis** Glia 2023 / 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

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; Tiernan, 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, Mikk; Anker Jørgensen, K.; Eugui, M. Balticum Organicum Syntheticum (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
Trubitsõn, 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
Trubitsõn, 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, Mikk; **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://fmtdk.ut.ee/teesid-2018/

Enantioselective N-alkylation of indole derivates [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://fmtdk.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 WOS Journal metrics at WOS Article at WOS

Enantioselective N-functionalization of indole derivatives
Trubitsõn, Dmitri; **Kanger, Tõnis** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 84 : ill http://fmtdk.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://fmtdk.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 puurinud õpetlane tähistab juubelit
Sinijärv, Riivo postimees.ee 2025 End elusrakkude olemusse puurinud 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 Journal Article 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, Pratyoosh Renewable and Sustainable Energy Reviews 2021 / Art. 111664 https://doi.org/10.1016/j.rser.2021.111664 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhanced efficiency of nitritating-anammox sequencing batch reactor achieved at low decrease rates of oxidation-reduction potential
Zekker, Ivar; Kivirüüt, Aimar; Rikmann, Ergo; Mandel, Anni; **Jaagura, Madis**; Tenno, Toomas; Artemchuk, Oleg; Rubin, Sergio Dc; Tenno, Taavo Environmental Engineering Science 2019 / p. 350-360 https://doi.org/10.1089/ees.2018.0225 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhanced sensing properties of cobalt bis-porphyrin derivative thin films by a magneto-plasmonic-opto-chemical sensor
Colombelli, A.; Manera, Maria Grazia; **Borovkov, Victor**; Giancane, Gabriele Sensors and actuators B : chemical 2017 / p. 1039-1048 : ill https://doi.org/10.1016/j.snb.2017.01.192 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://fmtdk.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; Piltonen, 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; Cicatelli, Angela; Castiglione, Stefano; Agius, Dolores R.; Orhun, Gul Ebru; Fragkostefanakis, Sotirios; Leclercq, Julie; Dobranszki, Judit; **Sõmera, Merike**; **Sarmiento Guerin, Maria Cecilia** Frontiers in Genetics 2022 / art. 818727 https://doi.org/10.3389/fgene.2022.818727 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Epigenetic and transcriptional control of adipocyte function by centenarian-associated SIRT6 N308K/A313S mutant
Frohlich, 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**; Viiard, 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_Abstracs.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**; **Gorbatšova, 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 WOS

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; **Reḳena, Alina**; Fornstad, Matilda; **Lahtvee, Petri-Jaan**; Van Maris, Antionius J. A. Metabolic engineering 2024 / p. 49-59 https://doi.org/10.1016/j.ymben.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; **Traksmaa, 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

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; Jõers, Arvi; Nahku, Ranno; Belouah, Isma MicrobiologyOpen 2024 / art. e1430 https://doi.org/10.1002/mbo3.1430

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://fmtdk.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
Shchetynina, A.; Budzanivska, I.; Pereboychuk, 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 valguallikate 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**; **Peuša, Hilma**; **Jakobson, Irena**; **Järve, Kadri** Acta agriculturae Scandinavica. Section B, Soil and plant science 2019 / p. 631-640 : ill https://doi.org/10.1080/09064710.2019.1629621 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Food waste : challenges and opportunities for enhancing the emerging bio-economy
Morone, Piergiuseppe; Koutinas, Apostolis; **Gathergood, Nicholas**; Arshadi, Mehrdad; Matharu, Avtar Journal of cleaner production 2019 / p. 10-16 https://doi.org/10.1016/j.jclepro.2019.02.258 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 of active food packaging by design: Linking composition of the film-forming solution to properties of the chitosan-based film by response surface methodology (RSM) modelling
Bajić, Marijan; Oberlintner, Ana; **Kõrge, 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, šokolaad : miks me lohutus- ja preemiatoiduna ebatervislikke valikuid teeme? Eksperdid selgitavad!
Kipper, Kelly annestiil.delfi.ee 2023 Friikad, pitsa, šokolaad: miks me lohutus- 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, Päärn; 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**; **Růžička, 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-taltechi-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)

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 Articlec 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
Reķena, 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
Reķena, 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.ohtuleht.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, Tiiu 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

Gut bacteria co-culture in vitro studies
Aro, Valter; **Kattel, Anna**; Morell, Indrek; **Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 18
https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstracs.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://fmtdk.ut.ee/teesid-2018/

Hapendatud köögiviljad võivad aidata erinevate seedeprobleemide korral
novaator.err.ee 2024 Hapendatud köögiviljad võivad aidata erinevate seedeprobleemide 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** Heliobacter Special Issue: The Year in Helicobacter. XXXIInd International Workshop on Helicobacter & Microbiota in Inflammation & Cancer, Innsbruck, Austria, 5–7 September 2019 2019 / e12647, p. 58 https://doi.org/10.1111/hel.12647

Helicobacter pylori-induced inflammatory response mediates invadosome formation and emergence of hybrid epithelial/mesenchymal phenotype in infected hepatocytes
Smirnova, Olga; **Roots, Kaisa**; **Rukavitsõna, Elina**; **Kasak, Lagle**; **Karniol, Karmen**; Varon, C.; Genot, Elisabeth; **Spuul, Pirjo** Helicobacter 2020 https://doi.org/10.1111/hel.12745

Hemicucurbit[n]urils for extraction of neutral heterocycles from water
Shalima, Tatsiana; **Kamini, Mihsra**; **Kaabel, Sandra**; **Aav, Riina** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 77 : ill http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf

Hemicucurbituril complexes with Porphyrins - chirality induction and sensing
Ustrnul, Lukas; **Šakarašvili, Marko**; **Konrad, Nele**; **Borovkov, Victor**; **Aav, Riina** Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 318 http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

Hepatitis E virus infection in different groups of Estonian patients and people who inject drugs
Kuznetsova, Tatiana; Ivanova-Pozdejeva, Anna; Reshetnjak, Irina; Geller, Julia; **Värv, Kairi**; Rumvolt, Reet; Vikentjeva, Maria; Trubnikova, Elena V.; Pozdniakova, Natalia V.; Shevelev, Alexei B.; Golovljova, Irina Journal of Clinical Virology 2018 / p. 5-10 https://doi.org/10.1016/j.jcv.2018.04.011 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hepatitis E virus infection in different groups of Estonian patients and people who inject drugs
Kuznetsova, Tatiana; Reshetnjak, Irina; Ivanova-Pozdejeva, Anna; Geller, Julia; **Värv, Kairi**; **Rumvolt, Reet**; **Vikentjeva, Maria**; Golovljova, Irina 8th European Meeting on Viral Zoonoses, St Raphael, France, 22-25.October, 2017 : program and abstracts 2017 / p. 28 http://euroviralzoon.com/wp-content/uploads/2013/01/8thEMVZ_Scientific_Programme_171017.pdf

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, Kärol**; **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
Pismennõi, Dmitri; Kobrin, Eeva-Gerda; Kütt, Mary-Liis; **Vilu, Raivo** Book of abstracts : 10th International Symposium on Recent Advances in Food Analysis : September 6–9, 2022 : Prague, Czech Republic 2022 / p. 337 https://www.rafa2022.eu/pdf/Book%20of%20Abstracts%20RAFA%202022.pdf

Histone variant macroH2A1.1 Enhances nonhomologous end joining-dependent DNA double-strand-break repair and reprogramming efficiency of human iPSCs
Giallongo, Sebastiano; Řeháková, Daniela; Biagini, Tommaso; Lo Re, Oriana; Raina, Priyanka; Lochmanová, Gabriela; Zdráhal, Zbyněk; Resnick, Igor; **Pata, Pille**; **Pata, Illar**; Mistrík, 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 andzinc porphyrins: chiroptic properties and binding mechanism
Konrad, Nele; Meniailava, Darya; **Osadchuk, Irina**; **Aav, Riina**; **Borovkov, Victor**; **Kananovich, Dzmitry** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 44 http://fmtdk.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://fmtdk.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; **Vaikma, Helen**; Squeo, Giacomo; Caponio, Francesco; Summo, Carmine Chemical engineering transactions 2021 / p. 241-246 https://doi.org/10.3303/CET2187041 Journal metrics at Scopus Article at Scopus

HPLC-MS as a tool for screening mechanochemical synthesis of macrocycles
Shalima, Tatsiana; **Dalidovich, Tatsiana**; **Suut, Elina**; **Kananovich, Dzmitry**; **Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 26 https://fmtdk.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; **Bljahhina, 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, Viiu; **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.ester.ee/record=b4665007*est

Hüvasti, põlevkivi, tere tulemast, kukersiit!
Lopp, Margus postimees.ee 2024 / lk. 8 Hüvasti, põlevkivi, tere tulemast, kukersiit! https://dea.digar.ee/article/postimees/2024/04/20/10.3

A hybrid organic linker forms an efficient non-supported non-precious-metal-based metal–organic coordination network porous material for oxygen reduction reaction
Ping, Kefeng; **Bhadoria, Rohit**; Kongi, Nadežda; **Starkov, Pavel**; Tammeveski, Kaido Abstracts of Papers of the American Chemical Society 2018 / abst. CATL 202 https://www.acs.org/content/dam/acsorg/meetings/national-meetings/fall-2018/fall-2018-program-book.pdf

Hydrolytic and dehydratase enzymes : chapter 9
Yu, S.; **Parve, Jaan**; **Parve, Omar**; **Villo, Ly**; **Aav, Riina** Applied biocatalysis: The chemist`s enzyme toolbox 2020 / p. 333-361
https://www.wiley.com/en-us/9781119487012

Hydroxamic acids as PARP-1 inhibitors : molecular design and anticancer activity of novel phenanthridinones
Bondar, Denys; **Bragina, Olga**; Lee, Ji Young; Semenyuta, Ivan; **Järving, Ivan**; Brovarets, Volodymyr; Wipf, Peter; Bahar, Ivet; **Karpichev, Yevgen** Helvetica chimica acta 2023 / art. e202300133, 26 p. : ill https://doi.org/10.1002/hlca.202300133 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 :

Ice binding proteins from psychrophilic bacteria: characterization and applications in food
Luhila, Õnnela; **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, Õnnela; **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
Traksmaa, 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; Shimozawa, 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

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-asemel-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; **Lõokene, Aivar**; Rinken, Toonika Enzyme and microbial technology 2019 / art. 109360, 6 p. : ill https://doi.org/10.1016/j.enzmictec.2019.109360 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Immunodominant antibody epitopes associated with the development of multiple sclerosis and type 1 narcolepsy – a next-generation phage-display analysis = Hulgiskleroosi ja tüüp-1 narkolepsiaga seotud immunodomineerivate 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, Ivi 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 39 https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstracs.pdf

Impact of 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 https://doi.org/10.1161/JAHA.115.002891 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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://fmtdk.ut.ee/teesid/

The impact of profile genesis and land use of histosol on its organic substance stability and humic acid quality at the molecular leve
Amaleviciute-Volunge, Kristina; Volungevicius, Jonas; Ceponkus, Justinas; Platakyte, Rasa; Mockeviciene, Ieva; Slepetiene, Alvyra; **Lepane, Viia** Sustainability 2023 / art. 5921, 22 p https://doi.org/10.3390/su15075921 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 töötluse mõju karragenaanide 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 Mathematcs 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; Statkevičiute, 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

In memoriam Ülo Lille 1931-2023
Lopp, Margus Oil shale 2023 / p. 87-88 : photo https://doi.org/10.3176/oil.2023.1.05 https://artiklid.elnet.ee/record=b2903605*est

In situ determination of illegal drugs in oral fluid by portable capillary electrophoresis with deep UV excited fluorescence detection
Saar-Reismaa, Piret; Erme, Enn; **Vaher, Merike**; **Kulp, Maria**; **Kaljurand, Mihkel**; **Mazina-Šinkar, Jekaterina** Analytical chemistry 2018 / p. 6253-6258 : ill https://doi.org/10.1021/acs.analchem.8b00911 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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, Ursel; 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-Lamodiere, Elisabeth; Jääger, Kersti; Otala, 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
Vaikma, Helen; **Metsoja, Grete**; **Bljahhina, Anastassia**; **Rosenvald, Sirli** Future foods 2022 / art. 100206
https://doi.org/10.1016/j.fufo.2022.100206 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Indooli derivaatide enantioselektiivne N-alküleerimine
Trubitsõn, Dmitri; **Kudrjašova, Marina**; **Kanger, Tõnis** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 42 : ill https://www.ester.ee/record=b5208044*est

Induced circular dichroism in zinc porphyrin complexes
Osadchuk, Irina; **Aav, Riina**; Clot, Eric 1st International Conference on Noncovalent Interactions (ICNI 2019), 2-6 September, 2019 : program 2019 / poster 31, p. 34 https://icni2019.eventos.chemistry.pt/images/conference_program.pdf

Induction of resistance mechanisms in Rhodotorula toruloides for growth in sugarcane hydrolysate with high inhibitor content
Santos Lopes, Helberth Júnnior; **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 Aricle at WOS

Influence of gemcitabine chemotherapy on the microbiota of pancreatic cancer xenografted mice
Panebianco, Concetta; **Adamberg, Kaarel**; **Jaagura, Madis**; **Adamberg, Signe**; **Kolk, Kaia**; **Vilu, Raivo**; Andriulli, Angelo; Pazienza, Valerio Cancer chemotherapy and pharmacology 2018 / p. 773–782 : ill https://doi.org/10.1007/s00280-018-3549-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 Flexible and Printable Sensors and Systems (FLEPS), Manchester, United Kingdom 2021 / 4 p
https://doi.org/10.1109/FLEPS51544.2021.9469758

Inhibition of platelet activation using vitamins
Kobzar, Gennadi Platelets 2020 / p. 157-166 https://doi.org/10.1080/09537104.2019.1652262 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Inhibition of pyruvate dehydrogenase kinase influence microbiota and metabolomic profile in pancreatic cancer xenograft mice
Adamberg, Kaarel; **Vilu, Raivo**; Pazienza, Valerio BMC Research Notes 2020 / art. 540 https://doi.org/10.1186/s13104-020-05384-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Innovatsioon kui teaduslik mõttesport
Parve, Omar Sirp 2017 / lk. 22-23 : ill http://www.sirp.ee/s1-artiklid/c21-teadus/innovatsioon-kui-teaduslik-mottesport/

An insight on type I collagen from horse tendon for the manufacture of implantable devices

Salvatore, Luca; Gallo, Nunzia; Aiello, Antonella; Lunetti, Paola; Hasan, Mohammed; **Borovkov, Victor** International journal of biological macromolecules 2020 / p. 291-306 https://doi.org/10.1016/j.ijbiomac.2020.03.082

Insights 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_Abstracs.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 / art. PC112/503 https://icqc2023.org/wp-content/uploads/BOA-27-6-v1.pdf

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 Jornal 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

Intrastriatally infused exogenous CDNF is endocytosed and retrogradely transported to substantia nigra
Mätlik, Kert; Vihinen, Helena; Bienemann, Ali; **Palgi, Jaan**; **Arumäe, Urmas** eNeuro 2017 / art. e0128-16.2017, p. 1-15 : ill 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

Investigating the RNA silencing suppressor AtRLI2 of Arabidopsis thaliana
Gerassimenko, Jelena; **Nigul, Lenne**; **Truve, Erkki**; **Sarmiento Guerin, Maria Cecilia** RNAi: the future of crosstalk: focus on RNAi Technology (WG1) and Applications (WG2): iPLANTA COST Action CA15223 : book of abstract 2018 / p. 59 http://iplanta.univpm.it/sites/iplanta.univpm.it/files/POZNAN/2nd%20iPLANTA%20conference%20Poznan%202018%20Book%20of%20abstract.pdf

Investigation of different free image analysis software for high-throughput droplet detection
Sanka, Immanuel; **Bartkova, Simona**; **Pata, Pille**; **Smolander, Olli-Pekka**; **Scheler, Ott** ACS omega 2021 / p. 22625-22634 : ill https://doi.org/10.1021/acsomega.1c02664 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ionic liquid based pretreatment of lignocellulosic biomass for enhanced bioconversion
Usmani, Zeba; Sharma, Minaxi; Gupta, Pratishtha; **Karpichev, Yevgen**; **Gathergood, Nicholas**; Bhat, Rajeev; **Gupta, Vijai Kumar** Bioresource technology 2020 / art. 123003, 13 p https://doi.org/10.1016/j.biortech.2020.123003 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Iron triad-based bimetallic M-N-C nanomaterials as highly active bifunctional oxygen electrocatalysts
Alam, Mahboob; **Ping, Kefeng**; Danilson, Mati; Mikli, Valdek; Käärik, 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 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://fmtdk.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 inimgeneetikas
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?

Karjääride kasutamine sündmuste korraldamiseks [Võrguteavik]
Rammul, Üllar Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 314-315 http://www.ester.ee/record=b4764891*est https://www.digar.ee/arhiiv/nlib-digar:332505 https://digi.lib.ttu.ee/i/?9461

Karjääride korrastamine riigikaitse otstarbeks [Võrguteavik]
Rammul, Üllar; Moora, Kristjan; Kalberg, Heiki Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 322-328 : fot http://www.ester.ee/record=b4764891*est https://www.digar.ee/arhiiv/nlib-digar:332505 https://digi.lib.ttu.ee/i/?9461

Karjääride looduse ja tööstuspärandi tutvustamine, karjääride kasutamine õppetöös [Võrguteavik]
Rammul, Üllar; Keerberg, Liis Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 315-322 : fot http://www.ester.ee/record=b4764891*est https://www.digar.ee/arhiiv/nlib-digar:332505 https://digi.lib.ttu.ee/i/?9461

Kas kliimasoojenemise vähendamine ja põlevkivi väärindamine on ühildatavad? [Võrguväljaanne]
Lopp, Margus Konverents "Kliimaneutraalsus – häving või edu?" 2019 / 17 l Kas kliimasoojenemise vähendamine ja põlevkivi väärindamine on ühildatavad? Kliimaneutraalsus – 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 toidulaual
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-toidulaual

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

Kemofoobia - 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://fmtdk.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/ohtuleht/2023/10/26/3.15

Koroonast iga kandi pealt
Rüütel Boudinot, Sirje Eesti Naine 2021 / lk. 67-71 : fot https://www.ester.ee/record=b1072072*est https://eestinaine.delfi.ee/artikkel/92535495/strong-koroonast-iga-kandi-pealt-strong

Koroonatestideks kogutud materjalis leidub väärt infot ka teiste haigustekitajate kohta [Võrguväljaanne]
Ojamets, Indrek novaator.err.ee 2020 / fot Koroonatestideks kogutud materjalis leidub väärt infot ka teiste haigustekitajate kohta

Kriisiaeg panustas kehakaalu tõusu
Raamets, Heli Maaleht 2020 / lk. 21 : ill https://maaleht.delfi.ee/uudised/kriisiaeg-ja-kehakaal-rannahooaeg-tuleb-sel-aastal-vatsade-vabisedes?id=89904431 https://www.ester.ee/record=b1072541*est

Kui kaua tuleb jalutada, et kulutada ära vastlakuklist saadud kalorid?
Adamberg, Signe; **Adamberg, Kaarel** postimees.ee 2025 https://maaelu.postimees.ee/8202639/kui-kaua-tuleb-jalutada-et-kulutada-ara-vastlakuklist-saadud-kalorid

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/

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

Kuidas käitub intellektipuuet põdev kärbes? Noorteadlane Laura Tamberg mängib äädikakärbestega nagu nukkudega! : intervjuu
Tamberg, Laura digi.geenius.ee 2024 Intervjuu Kuidas käitub intellektipuuet põdev kärbes? Noorteadlane Laura Tamberg mängib äädikakärbestega nagu nukkudega!

Kuidas teha maitsvaid kuivatatud puuvilju kodus?
Adamberg, Kaarel; **Adamberg, Signe** goodnews.ee 2024 Kuidas teha maitsvaid 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/

Kukersiidile terendab roheline tulevik - Eesti alustab fenoolvee väärindamist
postimees.ee 2024 Kukersiidile 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 mikrobioomi? Millega toita häid kõhubaktereid?
Adamberg, Kaarel tervispluss.delfi.ee 2024 Kõhutervise audit. Häid kõhubaktereid toKuidas toetada oma teist aju ehk mikrobioomi? Millega toita häid kõhubaktereid?

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

Köögiviljamissioon Tagli Pitsi moodi: kuidas saada eestlased teaduspõhiseid toitumissoovitusi järgima?
Pitsi, Tagli omamaitse.delfi.ee 2025 Köögiviljamissioon 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, Chhatarpal; 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; Sültmann, Holger; Moch, Holger; Cooper, Colin S.; **Uusküla-Reimand, Liis** Nature Genetics 2020 / p. 320 - 330 https://doi.org/10.1038/s41588-019-0558-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Large azobenzene acrocycles : formation and detection by NMR and MS methods
Roithmeyer, Helena; **Uudsemaa, Merle**; Trummal, Aleksander; **Brük, Mari-Liis**; Krämer, Sebastian; **Reile, Indrek**; Rjabovs, Vitalijs; Palmi, Kirsti; **Rammo, Matt**; **Aav, Riina**; Kalenius, Elina; Adamson, Jasper Supramolecular Chemistry 2022 / p. 77-86 https://doi.org/10.1080/10610278.2023.2230334 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Large chiral 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://fmtdk.ut.ee/teesid/

Lassie 80! : Raamat ja filmid on ka Eesti kasvatajaid inspireerinud: „Nii nutikas kolli ikka ei ole, et ostad kutsika ja juba ta viibki lapsed kooli ja toob koju.“
Piip, Helina ohtuleht.ee 2023 Lassie 80! : Raamat ja filmid on ka Eesti kasvatajaid inspireerinud: „Nii nutikas kolli ikka ei ole, et ostad kutsika ja juba ta viibki lapsed kooli ja toob koju.“

Laste söömisharjumuste kujundamine
Pitsi, Tagli Õpetajate Leht 2022 / Lk. 11 https://dea.digar.ee/article/opetajateleht/2022/09/02/7.7 https://www.ester.ee/record=b1072753*est

Laste toiduteadlikkuse ja söömisharjumuste kujundamine : õpetajaraamat lasteaedadele
Varava, Liana; **Pitsi, Tagli**; Magerramov, Maili; Arund, Aita 2020 https://www.ester.ee/record=b5375091*est

Late-stage cyclopropane ring cleavage strategy in the synthesis of bioactive tetrapeptides - inhibitors of histone deacetylase
Elek, Gabor Zoltan; Koppel, K.; **Lopp, Margus**; **Kananovich, Dzmitry** 4th Organic Chemistry Congress with International Participation, October 4-7, 2018, Side, Turkey : Congress Agenda 2019 / 1 p https://orgchemtr-4.meetinghand.com/projectData/731/webData/Congress-Agenda.pdf

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; Pfleger, Lorenz; Hackl, Martina; Bastian, Magdalena; Freudenthaler, Angelika; Harreiter, Jürgen; **Risti, Robert**; **Lõokene, 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

Ligand‐tailored divergence of copper‐catalyzed aerobic oxidation of cyclopropanols
Zavalinich, Viktoryia 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

Ligniin – puidutööstuse prügist tulevikumaterjaliks
Vaaks, Eveliis Trialoog 2025 https://trialoog.taltech.ee/ligniin-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 kruusakarjääride bioloogiline korrastamine [Võrguteavik]
Keerberg, Liis; **Rammul, Üllar**; Timm, Uudo Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 228-253 : fot http://www.ester.ee/record=b4764891*est https://www.digar.ee/arhiiv/nlib-digar:332505 https://digi.lib.ttu.ee/i/?9461

Linearization of moment tensor potentials
Lomaka, Andre; **Tamm, Toomas** 10th Congress of the International Society of Theoretical Chemical Physics, Tromsø, 11-17 July 2019 : ISTCP-X : book of abstracts 2019 / Poster: P1-61 http://istcp-2019.org/assets/pdf/BookOfAbstracts.pdf

Linearization of moment tensor potentials for multicomponent systems with a preliminary assessment for short-range interaction energy in water dimer and trimer
Lomaka, Andre; **Tamm, Toomas** The Journal of chemical physics 2020 / art. 164115, 8 p. : ill https://doi.org/10.1063/5.0007473 Journal metrics at Scopus Journal metrics at WOS Article at WOS

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 Conceiçao, Laiza de K. M.; Miranda, Everson Alves South African journal of chemistry 2021 / p. 162-167 http://www.scielo.org.za/scielo.php?script=sci_arttext&pid=S0379-43502021000100021〈=en

Lipoic acid ameliorates consequences of copper overload by upregulating selenoproteins and decreasing redox misbalance : poster presentations
Kabin, Ekaterina; Dong, Yixuan; Summers, Kelly; Yang, Haojun; Dev, Som; Wang, Yu; Devenney, Benjamin; Roy, Shubhrajit; **Palumaa, Peep**; Lutsenko, Svetlana Acta physiologica 2023 / art. e14044 https://doi.org/10.1111/apha.14044

Lipopolysaccharide-induced priming enhances NO-mediated activation of defense responses in pearl millet challenged with Sclerospora graminicola
Lavanya, S.N.; Udayashankar, A.C.; Raj, S. Niranjan; 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; **Lõokene, 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**; **Lõokene, 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, Nitzan; **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**; **Sõmera, 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; Viiard, 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 soovitust, mida süüa või kaasa võtta
Adamberg, Kaarel; **Adamberg, Signe** goodnews.ee 2024 Lähed matkama? Teadlaste 9 soovitust, 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, Tiiu 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; Haiβ, 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, Loriano; Rinkevich, Baruch; Bartscherer, Kestin; Bartscherer, Kestin; Cambier, Sebastien; Cammarata, Matteo; Domart-Coulon, Isabelle; Drobne, Damjana; Encinas, Juanma; Frank, Uri; Geneviere, 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** Heliobacter 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 barbier-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**; **Merzhyievskyi, Danylo**; **Jarg, Tatsiana**; **Aav, Riina**; **Kananovich, Dzmitry** Angewandte Chemie international edition 2024 / art. e202319449 https://doi.org/10.1002/anie.202319449

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_Abstract-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 rakendamine 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://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Mechanochemical nucleophilic substitution of alcohols via isouronium intermediates
Dalidovich, Tatsiana; **Nallaparaju, Jagadeesh Varma**; **Shalima, Tatsiana**; **Aav, Riina**; **Kananovich, Dzmitry** ChemSusChem 2022 / art. e202102286 https://doi.org/10.1002/cssc.202102286 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mechanochemical synthesis of amides with uronium-based coupling reagents : a method for hexa-amidation of biotin[6]uril
Dalidovich, Tatsiana; **Mishra, Kamini Atindrakumar**; **Shalima, Tatsiana**; **Kudrjašova, Marina**; **Kananovich, Dzmitry**; **Aav, Riina** ACS sustainable chemistry & engineering 2020 / p. 15703−15715 : ill https://doi.org/10.1021/acssuschemeng.0c05558 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mechanochemical synthesis of new mono-functionalized cyclohexanohemicucurbit[8]uril
Suut, Elina; **Shalima, Tatsiana**; **Kananovich, Dzmitry**; **Aav, Riina** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 157 Kogumik

Mechanochemically driven covalent self-assembly of a chiral mono-biotinylated hemicucurbit[8]uril
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

Mechanochemistry-amended Barbier reaction as an expedient alternative to Grignard synthesis
Varma Nallaparaju, Jagadeesh; **Nikonovich, Tatsiana**; **Jarg, Tatsiana**; **Merzhyievskyi, 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 hemicucurbiturils and their complexation : an analytical study = Hemikukurbituriilide 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; Lazovskiy, 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 : ICYGMB31 : 31st International Conference on Yeast Genetics and Molecular Biology, Florence, Italy, 20-25 august, 2023 : Book of abstracts 2023 / p. 257 https://files.spazioweb.it/ed/08/ed0856fe-fa38-4015-93c9-561144f5b608.pdf

Metabolic pathways of human microbiota co-utilization of fibres and colonic mucins : [manuscript]

Raba, Grete; Luis, Ana S.; Schneider, Hannah; Morell, Indrek; Jin, Cunsheng; **Adamberg, Signe**; Hansson, Gunnar C.; **Adamberg, Kaarel**; Arike, Liisa 2023

Metabolic remodeling of human colorectal cancer : alterations in energy fluxes = Soolevähi metaboolne remodelleerimine : muutused energiavoogudes
Kaldma, Andrus 2017 https://digi.lib.ttu.ee/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

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.; Sinčak, 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_Abstract-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://fmtdk.ut.ee/teesid-2019/

Microbial beta glucosidase enzymes : recent advances in biomass conversation for biofuels application
Srivastava, Neha; Rathour, Rishabh; Jha, Sonam; Pandey, Karan; Srivastava, Manish; Thakur, Vijay Kumar; Sengar, Rakesh Singh; **Gupta, Vijai Kumar**; Mazumder, Pranab Behari; Khan, Ahamad Faiz; Mishra, Pradeep Kumar Biomolecules 2019 / art. 220 https://doi.org/10.3390/biom9060220 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Microbial cancer therapeutics : a promising approach
Diwan, Deepti; Cheng, Lei; **Usmani, Zeba**; Sharma, Minaxi; Holden, Nicola; Willoughby, Nicholas; Sangwan, Neelam; Baadhe, Rama Raju; Liu, Chenchen; Gupta, Vijai Kumar Seminars in Cancer Biology 2022 / p. 931 - 950 https://doi.org/10.1016/j.semcancer.2021.05.003 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Microbial engineering biotechnologies : editorial
Singh, Brahma N.; Raghubanshi, Akhilesh S.; Koffas, Mattheos; **Gupta, Vijai Kumar** Biotechnology Advances 2019 / art. 107399, 4 p. : ill https://doi.org/10.1016/j.biotechadv.2019.05.005 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Microbial Engineering Biotechnologies
.
Biotechnology Advances Special Issues, Vol. 37, 6
2019 https://www.sciencedirect.com/journal/biotechnology-advances/vol/37/issue/6

Microbial inoculation in rice regulates antioxidative reactions and defense related genes to mitigate drought stress
Singh, Dhananjaya P.; Singh, Vivek; **Gupta, Vijai Kumar**; Shukla, Renu; Prabha, Ratna; Sarma, Birinchi K.; Patel, Jai Singh Scientific reports 2020 / art. 4818, 17 p. : ill https://doi.org/10.1038/s41598-020-61140-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Microbial interactions with inanimate solid surfaces : a methodological approach = Mikroobide interaktsioonid tahkete eluta pindadega : metoodiline käsitlus
Rosenberg, Merilin 2022 https://doi.org/10.23658/taltech.6/2022 https://digikogu.taltech.ee/et/Item/ae0fc64d-c7bf-46e9-bc65-85342787a8cb https://www.ester.ee/record=b5491623*est

Microbial saccharification of wheat bran for bioethanol fermentation
Farkas, Csilla; Rezessy-Szabó, Judit M.; **Gupta, Vijai Kumar**; Truong, Duy H.; Friedrich, László; Felföldi, József; Nguyen, Quang D. Journal of Cleaner Production 2019 / Article nr. 118269 https://doi.org/10.1016/j.jclepro.2019.118269 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Microbiological, chemical, and sensorial characterisation of commercially available plant-based yoghurt alternatives
Part, Natalja; Kazantseva, Jekaterina; Rosenvald, Sirli; Kallastu, Aili; **Vaikma, Helen**; Kriščiunaite, Tiina; **Pismennõi, Dmitri**; Viiard, Ene Future foods 2023 / art. 100212, 10 p. : ill https://doi.org/10.1016/j.fufo.2022.100212 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS